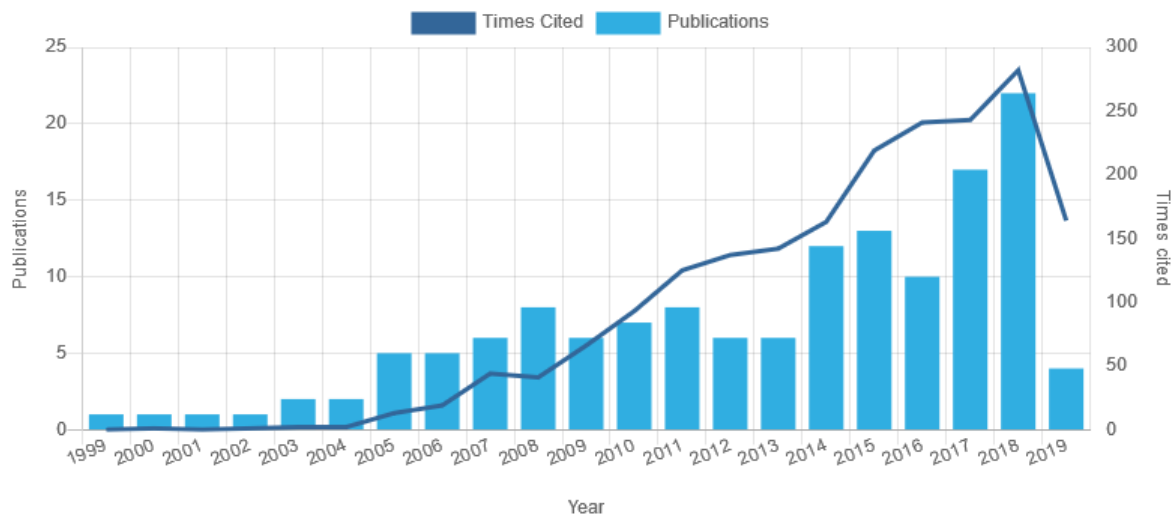


Citační ohlas – Mgr. Martin Hrubý, Ph.D., DSc.

Ke 14.8. 2019, řazeno podle citovanosti od nejcitovanější publikace.

Martin Hruby's impact over time



Publication metrics

PUBLICATIONS IN WEB OF SCIENCE	SUM OF TIMES CITED	H-INDEX	AVERAGE CITATIONS PER ITEM	AVERAGE CITATIONS PER YEAR
145	1,998	21 [?]	13.8	99.9

Publication No 1 of 132

Title: Polymeric micellar pH-sensitive drug delivery system for doxorubicin

Author(s): Hruby, M (Hruby, M); Konak, C (Konak, C); Ulbrich, K (Ulbrich, K)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 103 **Issue:** 1 **Pages:** 137-148 **DOI:** 10.1016/j.jconrel.2004.11.017 **Published:** MAR 2 2005

Accession Number: WOS:000227546800013

PubMed ID: 15710507

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**

Hruby, Martin H-6479-2014

Konak, Cestmir H-7177-2014

Ulbrich, Karel G-5145-2014

ISSN: 0168-3659

Record 1 of 301

Title: Magnetic mesoporous silica nanoparticles functionalized by pH-sensitive caps for DOX release

Author(s): Shahmoradi, S (Shahmoradi, Sayna); Bahram, M (Bahram, Morteza); Hoseinpour, F (Hoseinpour, Fariba)

Source: JOURNAL OF THE IRANIAN CHEMICAL SOCIETY **Volume:** 16 **Issue:** 8 **Pages:** 1801-1808 **DOI:** 10.1007/s13738-019-

01652-z **Published:** AUG 2019

Accession Number: WOS:000473157800021

ISSN: 1735-207X

eISSN: 1735-2428

Record 2 of 301

Title: Synthesis of Small Lipid Nanoparticles Using an Inkjet Mixing System Aiming to Reduce Drug Loss

Author(s): Inohara, K (Inohara, Kota); Asano, S (Asano, Shusaku); Maki, T (Maki, Taisuke); Mae, K (Mae, Kazuhiro)

Source: CHEMICAL ENGINEERING & TECHNOLOGY **DOI:** 10.1002/ceat.201900041 **Early Access Date:** JULY 2019

Accession Number: WOS:000474103900001

ISSN: 0930-7516

eISSN: 1521-4125

Record 3 of 301

Title: Bovine serum albumin-templated nanoplatfor for magnetic resonance imaging-guided chemodynamic therapy

Author(s): Tang, W (Tang, Wei); Gao, HB (Gao, Hongbo); Ni, DL (Ni, Dalong); Wang, QF (Wang, QiFeng); Gu, BX (Gu, Bingxin); He, XH (He, Xinhong); Peng, WJ (Peng, Weijun)

Source: JOURNAL OF NANOBIO TECHNOLOGY **Volume:** 17 **Article Number:** 68 **DOI:** 10.1186/s12951-019-0501-3 **Published:** MAY 20 2019

Accession Number: WOS:000468440900001

PubMed ID: 31109332

ISSN: 1477-3155

Record 4 of 301

Title: Carboxymethyl chitosan-based nanogels via acid-labile ortho ester linkages mediated enhanced drug delivery

Author(s): Li, ST (Li, Shuting); Hu, LF (Hu, Liefeng); Li, DP (Li, Dapeng); Wang, X (Wang, Xin); Zhang, PP (Zhang, Panpan); Wang, J (Wang, Jun); Yan, GQ (Yan, Guoqing); Tang, RP (Tang, Rupei)

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 129 **Pages:** 477-487 **DOI:** 10.1016/j.ijbiomac.2019.02.072 **Published:** MAY 15 2019

Accession Number: WOS:000466621200050

PubMed ID: 30771386

ISSN: 0141-8130

eISSN: 1879-0003

Record 5 of 301

Title: Acid/light dual-responsive biodegradable polymeric nanocarriers for efficient intracellular drug delivery

Author(s): Zhang, YY (Zhang, Yuanyuan); Cao, X (Cao, Xiang); Liang, T (Liang, Tian); Tong, ZW (Tong, Zhiwei)

Source: POLYMER BULLETIN **Volume:** 76 **Issue:** 4 **Pages:** 1775-1792 **DOI:** 10.1007/s00289-018-2470-3 **Published:** APR 2019

Accession Number: WOS:000460703600010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yuanyuan, Zhang		0000-0002-3153-7156

ISSN: 0170-0839

eISSN: 1436-2449

Record 6 of 301

Title: Anionic carboxymethylagarose-based pH-responsive smart superabsorbent hydrogels for controlled release of anticancer drug

Author(s): Khan, H (Khan, Huma); Chaudhary, JP (Chaudhary, Jai Prakash); Meena, R (Meena, Ramavtar)

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 124 **Pages:** 1220-1229 **DOI:** 10.1016/j.ijbiomac.2018.12.045 **Published:** MAR 1 2019

Accession Number: WOS:000456899300128

PubMed ID: 30529202

ISSN: 0141-8130

eISSN: 1879-0003

Record 7 of 301

Title: Self-assembly of DCPD-loaded cross-linked micelle from triblock copolymers and its pH-responsive behavior: A dissipative particle dynamics study

Author(s): Gao, JB (Gao, Jianbang); Wang, P (Wang, Pei); Wang, ZK (Wang, Zhikun); Li, CL (Li, Chunling); Sun, SQ (Sun, Shuangqing);

Hu, SQ (Hu, Songqing)

Source: CHEMICAL ENGINEERING SCIENCE **Volume:** 195 **Pages:** 325-334 **DOI:** 10.1016/j.ces.2018.09.028 **Published:** FEB 23 2019

Accession Number: WOS:000454148500030

ISSN: 0009-2509

eISSN: 1873-4405

Record 8 of 301

Title: Optimized in vivo performance of acid-labile micelles for the treatment of rheumatoid arthritis by one single injection

Author(s): Wang, Q (Wang, Qin); Li, Y (Li, Yan); Chen, XY (Chen, Xiaoyan); Jiang, H (Jiang, Hao); Zhang, ZR (Zhang, Zhirong); Sun, X (Sun, Xun)

Source: NANO RESEARCH **Volume:** 12 **Issue:** 2 **Pages:** 421-428 **DOI:** 10.1007/s12274-018-2233-3 **Published:** FEB 2019

Accession Number: WOS:000455549200024

ISSN: 1998-0124

eISSN: 1998-0000

Record 9 of 301

Title: Synthesis of a novel analog of calcitriol and its biological evaluation as antitumor agent

Author(s): Ferronato, MJ (Julia Ferronato, Maria); Obiol, DJ (Javier Obiol, Diego); Alonso, EN (Noelia Alonso, Eliana); Guevara, JA (Alejandra Guevara, Josefina); Grioli, SM (Mariela Grioli, Silvina); Mascaro, M (Mascaro, Marilina); Rivadulla, ML (Lois Rivadulla, Marcos); Martinez, A (Martinez, Andrea); Gomez, G (Gomez, Generosa); Fall, Y (Fall, Yagamare); Quevedo, MA (Alfredo Quevedo, Mario); Curino, AC (Carlos Curino, Alejandro); Facchinetti, MM (Marta Facchinetti, Maria)

Source: JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY **Volume:** 185 **Pages:** 118-136 **DOI:** 10.1016/j.jsbmb.2018.08.006 **Published:** JAN 2019

Accession Number: WOS:000453489900013

PubMed ID: 30125657

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gomez, Generosa		0000-0002-9467-1280
Fall, Yagamare	H-6138-2015	0000-0002-0808-198X

ISSN: 0960-0760

Record 10 of 301

Title: Computer study of the solubilization of polymer chains in polyelectrolyte complex cores of polymeric nanoparticles in aqueous media

Author(s): Sindelka, K (Sindelka, Karel); Limpouchova, Z (Limpouchova, Zuzana); Prochazka, K (Prochazka, Karel)

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS **Volume:** 20 **Issue:** 47 **Pages:** 29876-29888 **DOI:** 10.1039/c8cp05907a **Published:** DEC 21 2018

Accession Number: WOS:000452484800027

PubMed ID: 30468444

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sindelka, Karel	M-6848-2019	0000-0003-3925-924X

ISSN: 1463-9076

eISSN: 1463-9084

Record 11 of 301

Title: Effect of pH and content of reduction-sensitive copolymer on the guest exchange kinetics of micelles

Author(s): Li, YX (Li, Yixia); Si, JH (Si, Jianhao); Fan, HY (Fan, Haiyan); Ye, XD (Ye, Xiaodong)

Source: JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS **Volume:** 56 **Issue:** 24 **Pages:** 1636-1644 **DOI:** 10.1002/polb.24754 **Published:** DEC 15 2018

Accession Number: WOS:000450654400005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
ye, xiaodong	A-6983-2010	0000-0003-2143-1726

ISSN: 0887-6266

eISSN: 1099-0488

Record 12 of 301

Title: Chitosan-based multifunctional nanomedicines and theranostics for targeted therapy of cancer

Author(s): Fathi, M (Fathi, Marziyeh); Majidi, S (Majidi, Sima); Zangabad, PS (Zangabad, Parham Sahandi); Barar, J (Barar, Jaleh); Erfan-

Niya, H (Erfan-Niya, Hamid); Omid, Y (Omid, Yadollah)

Source: MEDICINAL RESEARCH REVIEWS **Volume:** 38 **Issue:** 6 **Pages:** 2110-2136 **DOI:** 10.1002/med.21506 **Published:** NOV 2018

Accession Number: WOS:000446523000010

PubMed ID: 29846948

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Erfan-Niya, Hamid	I-5518-2017	0000-0002-1362-9305
Omid, Yadollah	E-8452-2013	0000-0003-0067-2475

ISSN: 0198-6325

eISSN: 1098-1128

Record 13 of 301

Title: Antibacterial Micelles with Vancomycin-Mediated Targeting and pH/Lipase-Triggered Release of Antibiotics

Author(s): Chen, MH (Chen, Maohua); Xie, SZ (Xie, Songzhi); Wei, JJ (Wei, Jiaojun); Song, XJ (Song, Xiaojie); Ding, ZH (Ding, Zhenghua); Li, XH (Li, Xiaohong)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 10 **Issue:** 43 **Pages:** 36814-36823 **DOI:** 10.1021/acsami.8b16092 **Published:** OCT 31 2018

Accession Number: WOS:000449239600024

PubMed ID: 30298721

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Xiaohong	C-4526-2008	0000-0003-1312-0215

ISSN: 1944-8244

Record 14 of 301

Title: Functional biomimetic nanoparticles for drug delivery and theranostic applications in cancer treatment

Author(s): Li, L (Li, Lei); Wang, JQ (Wang, Junqing); Kong, HR (Kong, Hangru); Zeng, Y (Zeng, Yun); Liu, G (Liu, Gang)

Source: SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS **Volume:** 19 **Issue:** 1 **Pages:** 771-790 **DOI:** 10.1080/14686996.2018.1528850 **Published:** OCT 1 2018

Accession Number: WOS:000448411500001

PubMed ID: 30815042

ISSN: 1468-6996

eISSN: 1878-5514

Record 15 of 301

Title: Functionalizable Stereocontrolled Cyclopolyethers by Ring-Closing Metathesis as Natural Polymer Mimics

Author(s): Alkattan, M (Alkattan, Mohammed); Prunet, J (Prunet, Joelle); Shaver, MP (Shaver, Michael P.)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 57 **Issue:** 39 **Pages:** 12835-12839 **DOI:** 10.1002/anie.201805113 **Published:** SEP 24 2018

Accession Number: WOS:000444941600040

PubMed ID: 29873428

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Prunet, Joelle	E-8629-2010	0000-0002-9075-971X
Alkattan, Mohammed	L-3495-2016	
Shaver, Michael		0000-0002-7152-6750

ISSN: 1433-7851

eISSN: 1521-3773

Record 16 of 301

Title: Self-Assembled pH-Responsive Polymeric Micelles for Highly Efficient, Noncytotoxic Delivery of Doxorubicin Chemotherapy To Inhibit Macrophage Activation: In Vitro Investigation

Author(s): Liao, ZS (Liao, Zhi-Sheng); Huang, SY (Huang, Shan-You); Huang, JJ (Huang, Jyun-Jie); Chen, JK (Chen, Jem-Kun); Lee, AW (Lee, Ai-Wei); Lai, JY (Lai, Juin-Yih); Lee, DJ (Lee, Duu-Jong); Cheng, CC (Cheng, Chih-Chia)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 7 **Pages:** 2772-2781 **DOI:** 10.1021/acs.biomac.8b00380 **Published:** JUL 2018

Accession Number: WOS:000438470800040

PubMed ID: 29677448

ISSN: 1525-7797

eISSN: 1526-4602

Record 17 of 301

Title: iRGD-decorated reduction-responsive nanoclusters for targeted drug delivery

Author(s): Hu, H (Hu, Hang); Wan, JL (Wan, Jiangling); Huang, XT (Huang, Xuetao); Tang, YX (Tang, Yuxiang); Xiao, C (Xiao, Chen); Xu, HB (Xu, Huibi); Yang, XL (Yang, Xiangliang); Li, ZF (Li, Zifu)

Source: NANOSCALE **Volume:** 10 **Issue:** 22 **Pages:** 10514-10527 **DOI:** 10.1039/c8nr02534g **Published:** JUN 14 2018

Accession Number: WOS:000434692000026

PubMed ID: 29799599

ISSN: 2040-3364

eISSN: 2040-3372

Record 18 of 301

Title: Use of gasotransmitters for the controlled release of polymer-based nitric oxide carriers in medical applications

Author(s): Yang, C (Yang, Chungmo); Jeong, S (Jeong, Soohyun); Ku, S (Ku, Seul); Lee, K (Lee, Kangwon); Park, MH (Park, Min Hee)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 279 **Pages:** 157-170 **DOI:** 10.1016/j.jconrel.2018.04.025 **Published:** JUN 10 2018

Accession Number: WOS:000433211300015

PubMed ID: 29673643

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lee, Kangwon		0000-0001-5745-313X
Park, Min Hee	H-8173-2017	0000-0002-6311-3040

ISSN: 0168-3659

eISSN: 1873-4995

Record 19 of 301

Title: Designing Smart Polymer Conjugates for Controlled Release of Payloads

Author(s): Seidi, F (Seidi, Farzad); Jenjob, R (Jenjob, Ratchapol); Crespy, D (Crespy, Daniel)

Source: CHEMICAL REVIEWS **Volume:** 118 **Issue:** 7 **Pages:** 3965-4036 **DOI:** 10.1021/acs.chemrev.8b00006 **Published:** APR 11 2018

Accession Number: WOS:000430156100016

PubMed ID: 29533067

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Seidi Ghaleghah, Farzad	D-1961-2018	0000-0001-5510-9554
Crespy, Daniel	E-9262-2010	0000-0002-6023-703X

ISSN: 0009-2665

eISSN: 1520-6890

Record 20 of 301

Title: Acid-labile poly(ethylene glycol) shell of hydrazone-containing biodegradable polymeric micelles facilitating anticancer drug delivery

Author(s): Xu, J (Xu, Jing); Qin, BK (Qin, Benkai); Luan, SJ (Luan, Shujuan); Qi, PL (Qi, Peilan); Wang, YY (Wang, Yingying); Wang, K (Wang, Kai); Song, SY (Song, Shiyong)

Source: JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS **Volume:** 33 **Issue:** 2 **Pages:** 119-133 **DOI:** 10.1177/0883911517715658 **Published:** MAR 2018

Accession Number: WOS:000429860500001

ISSN: 0883-9115

eISSN: 1530-8030

Record 21 of 301

Title: Current trends in molecular modeling methods applied to the study of cyclodextrin complexes

Author(s): Quevedo, MA (Alfredo Quevedo, Mario); Zoppi, A (Zoppi, Ariana)

Source: JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY **Volume:** 90 **Issue:** 1-2 **Pages:** 1-14 **DOI:** 10.1007/s10847-017-0763-z **Published:** FEB 2018

Accession Number: WOS:000423143300001

ISSN: 1388-3127

eISSN: 1573-1111

Record 22 of 301

Title: Hydrazone-Containing Triblock Copolymeric Micelles for pH-Controlled Drug Delivery

Author(s): Qi, PL (Qi, Peilan); Wu, XH (Wu, Xiaohu); Liu, L (Liu, Lei); Yu, HM (Yu, Huimin); Song, SY (Song, Shiyong)
Source: FRONTIERS IN PHARMACOLOGY **Volume:** 9 **Article Number:** 12 **DOI:** 10.3389/fphar.2018.00012 **Published:** JAN 23 2018
Accession Number: WOS:000423064200001
PubMed ID: 29410626
ISSN: 1663-9812

Record 23 of 301

Title: Encapsulation property of hyperbranched polyglycerols as prospective drug delivery systems
Author(s): Wu, HG (Wu, Haigang); Yin, T (Yin, Ting); Li, K (Li, Ke); Wang, RB (Wang, Ruibin); Chen, YT (Chen, Yantian); Jing, LL (Jing, Lili)
Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 3 **Pages:** 300-306 **DOI:** 10.1039/c7py01419h **Published:** JAN 21 2018
Accession Number: WOS:000423016700006
ISSN: 1759-9954
eISSN: 1759-9962

Record 24 of 301

Title: Acid- and Redox-Responsive Smart Polymeric Nanomaterials for Controlled Drug Delivery
Author(s): Qiao, ZY (Qiao, Zeng-Ying); Gao, YJ (Gao, Yu-Juan)
Edited by: Wang H; Li LL
Source: IN VIVO SELF-ASSEMBLY NANOTECHNOLOGY FOR BIOMEDICAL APPLICATIONS **Book Series:** Nanomedicine and Nanotoxicology **Pages:** 115-154 **DOI:** 10.1007/978-981-10-6913-0_5 **Published:** 2018
Accession Number: WOS:000463874900006
ISSN: 2194-0452
eISSN: 2194-0460
ISBN: 978-981-10-6913-0; 978-981-10-6912-3
Book DOI: 10.1007/978-981-10-6913-0

Record 25 of 301

Title: Intracellularly Actuated Quantum Dot-Peptide-Doxorubicin Nanobioconjugates for Controlled Drug Delivery via the Endocytic Pathway
Author(s): Sangtani, A (Sangtani, Ajmeeta); Petryayeva, E (Petryayeva, Eleonora); Wu, M (Wu, Miao); Susumu, K (Susumu, Kimihiro); Oh, E (Oh, Eunkeu); Huston, AL (Huston, Alan L.); Lasarte-Aragones, G (Lasarte-Aragones, Guillermo); Medintz, IL (Medintz, Igor L.); Algar, WR (Algar, W. Russ); Delehanty, JB (Delehanty, James B.)
Source: BIOCONJUGATE CHEMISTRY **Volume:** 29 **Issue:** 1 **Pages:** 136-148 **DOI:** 10.1021/acs.bioconjchem.7b00658 **Published:** JAN 2018
Accession Number: WOS:000423012800017
PubMed ID: 29191007
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Oh, Eunkeu		0000-0003-1641-522X

ISSN: 1043-1802

Record 26 of 301

Title: Nanomicelle drug with acid-triggered doxorubicin release and enhanced cellular uptake ability based on mPEG-graft-poly(N-(2-aminoethyl)-L-aspartamide)-hexahydrophthalic acid copolymers
Author(s): Cao, L (Cao, Li); Xiao, Y (Xiao, Yi); Lu, W (Lu, Wei); Liu, SY (Liu, Shiyuan); Gan, L (Gan, Lin); Yu, JH (Yu, Jiahui); Huang, J (Huang, Jin)
Source: JOURNAL OF BIOMATERIALS APPLICATIONS **Volume:** 32 **Issue:** 6 **Pages:** 826-838 **DOI:** 10.1177/0885328217741522 **Published:** JAN 2018
Accession Number: WOS:000419464400012
PubMed ID: 29132238
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lu, Wei P	P-6066-2014	0000-0003-3041-9200

ISSN: 0885-3282
eISSN: 1530-8022

Record 27 of 301

Title: Encapsulating pH-Responsive Doxorubicin-Phthalocyanine Conjugates in Mesoporous Silica Nanoparticles for Combined

Photodynamic Therapy and Controlled Chemotherapy

Author(s): Wong, RCH (Wong, Roy C. H.); Ng, DKP (Ng, Dennis K. P.); Fong, WP (Fong, Wing-Ping); Lo, PC (Lo, Pui-Chi)

Source: CHEMISTRY-A EUROPEAN JOURNAL **Volume:** 23 **Issue:** 65 **Pages:** 16505-16515 **DOI:** 10.1002/chem.201703188 **Published:** NOV 21 2017

Accession Number: WOS:000415931300017

PubMed ID: 28771861

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lo, Pui-chi		0000-0002-0315-8538
Ng, Dennis		0000-0001-9087-960X

ISSN: 0947-6539

eISSN: 1521-3765

Record 28 of 301

Title: The integration of triggered drug delivery with real time quantification using FRET; creating a super 'smart' drug delivery system

Author(s): Aibani, N (Aibani, Noorjahan); da Costa, PF (da Costa, Paola Fontoura); Masterson, J (Masterson, Jodie); Marino, N (Marino, Nino); Raymo, FM (Raymo, Francisco M.); Callan, J (Callan, John); Callan, B (Callan, Bridgeen)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 264 **Pages:** 136-144 **DOI:** 10.1016/j.jconrel.2017.08.013 **Published:** OCT 28 2017

Accession Number: WOS:000412177500013

PubMed ID: 28826927

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Callan, Bridgeen		0000-0002-0608-8299

ISSN: 0168-3659

eISSN: 1873-4995

Record 29 of 301

Title: Hyaluronic-Acid-Based pH-Sensitive Nanogels for Tumor-Targeted Drug Delivery

Author(s): Luan, SJ (Luan, Shujuan); Zhu, YC (Zhu, Yingchun); Wu, XH (Wu, Xiaohu); Wang, YY (Wang, Yingying); Liang, FG (Liang, Fengguang); Song, SY (Song, Shiyong)

Source: ACS BIOMATERIALS SCIENCE & ENGINEERING **Volume:** 3 **Issue:** 10 **Pages:** 2410-2419 **DOI:** 10.1021/acsbiomaterials.7b00444 **Published:** OCT 2017

Accession Number: WOS:000412866900022

ISSN: 2373-9878

Record 30 of 301

Title: Glutathione and endosomal pH-responsive hybrid vesicles fabricated by zwitterionic polymer block poly(L-aspartic acid) as a smart anticancer delivery platform

Author(s): Johnson, RP (Johnson, Renjith P.); Uthaman, S (Uthaman, Saji); Augustine, R (Augustine, Rimesh); Zhang, Y (Zhang, Yu); Jin, H (Jin, Hua); Choi, CI (Choi, Chang In); Park, IK (Park, In-Kyu); Kim, I (Kim, Il)

Source: REACTIVE & FUNCTIONAL POLYMERS **Volume:** 119 **Pages:** 47-56 **DOI:** 10.1016/j.reactfunctpolym.2017.07.010 **Published:** OCT 2017

Accession Number: WOS:000412375900006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Uthaman, Saji	T-6068-2017	0000-0001-6387-7510
Kim, Il	L-6481-2019	
Kim, Il		0000-0001-8047-7543

ISSN: 1381-5148

eISSN: 1873-166X

Record 31 of 301

Title: Effect of the synthesis method on the performance of Fe3O4-inositol hexaphosphate as a drug delivery vehicle for combination therapeutics with doxorubicin

Author(s): Xu, DD (Xu, Dandan); Xu, TY (Xu, Tongying); Guo, XJ (Guo, Xuejie); Liu, Q (Liu, Qi); Liu, JY (Liu, Jingyuan); Lv, WZ (Lv, Weizhong); Jing, XY (Jing, Xiaoyan); Zhang, HS (Zhang, Hongsen); Wang, J (Wang, Jun)

Source: NEW JOURNAL OF CHEMISTRY **Volume:** 41 **Issue:** 13 **Pages:** 5305-5312 **DOI:** 10.1039/c7nj00599g **Published:** JUL 7 2017

Accession Number: WOS:000404350900011

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Huang, baibiao C-1857-2008 0000-0002-0416-944X
ISSN: 1144-0546
eISSN: 1369-9261

Record 32 of 301

Title: A comparison study to investigate the effect of the drug-loading site on its delivery efficacy using double hydrophilic block copolymer-based prodrugs

Author(s): Zhou, XF (Zhou, Xufeng); Chang, C (Chang, Cong); Zhou, Y (Zhou, Yang); Sun, L (Sun, Lu); Xiang, H (Xiang, Hua); Zhao, SJ (Zhao, Sijie); Ma, LW (Ma, Liwei); Zheng, GH (Zheng, Guohua); Liu, MZ (Liu, Mingzhu); Wei, H (Wei, Hua)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 5 **Issue:** 23 **Pages:** 4443-4454 **DOI:** 10.1039/c7tb00261k **Published:** JUN 21 2017

Accession Number: WOS:000403367000016

ISSN: 2050-750X

eISSN: 2050-7518

Record 33 of 301

Title: Ultrasound stimulated release of gallic acid from chitin hydrogel matrix

Author(s): Jiang, HX (Jiang, Huixin); Kobayashi, T (Kobayashi, Takaomi)

Source: MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS **Volume:** 75 **Pages:** 478-486 **DOI:** 10.1016/j.msec.2017.02.082 **Published:** JUN 1 2017

Accession Number: WOS:000400720800054

PubMed ID: 28415488

ISSN: 0928-4931

eISSN: 1873-0191

Record 34 of 301

Title: Self-assembled hybrid elastin-like polypeptide/silica nanoparticles enable triggered drug release

Author(s): Han, W (Han, Wei); Chilkoti, A (Chilkoti, Ashutosh); Lopez, GP (Lopez, Gabriel P.)

Source: NANOSCALE **Volume:** 9 **Issue:** 18 **Pages:** 6178-6186 **DOI:** 10.1039/c7nr00172j **Published:** MAY 14 2017

Accession Number: WOS:000401146200050

PubMed ID: 28447683

ISSN: 2040-3364

eISSN: 2040-3372

Record 35 of 301

Title: Cell-targeted, dual reduction- and pH-responsive saccharide/lipoic acid-modified poly(L-lysine) and poly(acrylic acid) polyionic complex nanogels for drug delivery

Author(s): How, SC (How, Su-Chun); Chen, YF (Chen, Yu-Fon); Hsieh, PL (Hsieh, Pin-Lun); Wang, SSS (Wang, Steven S. -S.); Jan, JS (Jan, Jeng-Shiung)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 153 **Pages:** 244-252 **DOI:** 10.1016/j.colsurfb.2017.02.032 **Published:** MAY 1 2017

Accession Number: WOS:000400211100030

PubMed ID: 28267669

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Jan, Jeng-Shiung M-2447-2019 0000-0002-8379-404X
Jan, Jeng-Shiung
ISSN: 0927-7765
eISSN: 1873-4367

Record 36 of 301

Title: ROS-Switchable Polymeric Nanoplatform with Stimuli-Responsive Release for Active Targeted Drug Delivery to Breast Cancer

Author(s): Zhang, Y (Zhang, Yu); Guo, Q (Guo, Qin); An, S (An, Sai); Lu, YF (Lu, Yifei); Li, JF (Li, Jianfeng); He, X (He, Xi); Liu, LS (Liu, Lisha); Zhang, YJ (Zhang, Yujie); Sun, T (Sun, Tao); Jiang, C (Jiang, Chen)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 9 **Issue:** 14 **Pages:** 12227-12240 **DOI:** 10.1021/acsami.6b16815 **Published:** APR 12 2017

Accession Number: WOS:000399354100009

PubMed ID: 28350451

Author Identifiers:

Record 37 of 301

Title: Synthesis and Evaluation of a Triblock Copolymer/ZnO Nanoparticles from Poly(epsilon-caprolactone) and Poly(Acrylic Acid) as a Potential Drug Delivery Carrier

Author(s): Ahmadkhani, L (Ahmadkhani, Lida); Baghban, A (Baghban, Ali); Mohammadpoor, S (Mohammadpoor, Shahram); Khalilov, R (Khalilov, Rovshan); Akbarzadeh, A (Akbarzadeh, Abolfazl); Kavetskyy, T (Kavetskyy, Taras); Saghfi, S (Saghfi, Siamak); Nasibova, AN (Nasibova, Aygun N.)

Source: DRUG RESEARCH **Volume:** 67 **Issue:** 4 **Pages:** 228-238 **DOI:** 10.1055/s-0042-124190 **Published:** APR 2017

Accession Number: WOS:000400258600006

PubMed ID: 28196394

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kavetskyy, Taras		0000-0002-4782-1602

ISSN: 2194-9379

eISSN: 2194-9387

Record 38 of 301

Title: In Situ Monitoring Intracellular Structural Change of Nanovehicles through Photoacoustic Signals Based on Phenylboronate-Linked RGD-Dextran/Purpurin 18 Conjugates

Author(s): Cheng, DB (Cheng, Dong-Bing); Qi, GB (Qi, Guo-Bin); Wang, JQ (Wang, Jing-Qi); Gong, Y (Gong, Yong); Liu, FH (Liu, Fu-Hua); Yu, HJ (Yu, Haijun); Qiao, ZY (Qiao, Zeng-Ying); Wang, H (Wang, Hao)

Source: BIOMACROMOLECULES **Volume:** 18 **Issue:** 4 **Pages:** 1249-1258 **DOI:** 10.1021/acs.biomac.6b01922 **Published:** APR 2017

Accession Number: WOS:000399061100020

PubMed ID: 28269979

ISSN: 1525-7797

eISSN: 1526-4602

Record 39 of 301

Title: Optical imaging of localized chemical events using programmable diamond quantum nanosensors

Author(s): Rendler, T (Rendler, Torsten); Neburkova, J (Neburkova, Jitka); Zemek, O (Zemek, Ondrej); Kotek, J (Kotek, Jan); Zappe, A (Zappe, Andrea); Chu, ZQ (Chu, Zhiqin); Cigler, P (Cigler, Petr); Wrachtrup, J (Wrachtrup, Joerg)

Source: NATURE COMMUNICATIONS **Volume:** 8 **Article Number:** 14701 **DOI:** 10.1038/ncomms14701 **Published:** MAR 20 2017

Accession Number: WOS:000396666300001

PubMed ID: 28317922

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Zemek, Ondrej	N-6587-2016	0000-0002-9907-4047
Kotek, Jan	B-1157-2017	0000-0003-1777-729X
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751

ISSN: 2041-1723

Record 40 of 301

Title: Transiently thermoresponsive polymers and their applications in biomedicine

Author(s): Vanparijs, N (Vanparijs, Nane); Nuhn, L (Nuhn, Lutz); De Geest, BG (De Geest, Bruno G.)

Source: CHEMICAL SOCIETY REVIEWS **Volume:** 46 **Issue:** 4 **Pages:** 1193-1239 **DOI:** 10.1039/c6cs00748a **Published:** FEB 21 2017

Accession Number: WOS:000395875500008

PubMed ID: 28165097

Author Identifiers:

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Nuhn, Lutz P	P-5150-2019	0000-0003-0761-1106

ISSN: 0306-0012

eISSN: 1460-4744

Record 41 of 301

Title: Dendritic Mesoporous Silica Nanospheres Synthesized by a Novel Dual-Templating Micelle System for the Preparation of Functional

Nanomaterials

Author(s): Huang, MX (Huang, Mingxian); Liu, L (Liu, Lu); Wang, SG (Wang, Shige); Zhu, HY (Zhu, Haiyan); Wu, DH (Wu, Dahui); Yu, ZH (Yu, Zhihao); Zhou, SL (Zhou, Shilin)

Source: LANGMUIR **Volume:** 33 **Issue:** 2 **Pages:** 519-526 **DOI:** 10.1021/acs.langmuir.6b03282 **Published:** JAN 17 2017

Accession Number: WOS:000392457600009

PubMed ID: 27989129

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Shige		0000-0002-7639-6035

ISSN: 0743-7463

Record 42 of 301

Title: Physico-Chemical Strategies to Enhance Stability and Drug Retention of Polymeric Micelles for Tumor-Targeted Drug Delivery

Author(s): Shi, Y (Shi, Yang); Lammers, T (Lammers, Twan); Storm, G (Storm, Gert); Hennink, WE (Hennink, Wim E.)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 17 **Issue:** 1 **Article Number:** 1600160 **DOI:** 10.1002/mabi.201600160 **Published:** JAN 2017

Accession Number: WOS:000394594700002

PubMed ID: 27413999

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lammers, Twan	U-2794-2018	0000-0002-1090-6805

ISSN: 1616-5187

eISSN: 1616-5195

Record 43 of 301

Title: MULTIFUNCTIONAL POLYMERIC MICELLES AS THERAPEUTIC NANOSTRUCTURES: TARGETING, IMAGING, AND TRIGGERED RELEASE

Author(s): Bastakoti, BP (Bastakoti, Bishnu P.); Liu, ZW (Liu, Zongwen)

Edited by: Fica A; Grumezescu AM

Source: NANOSTRUCTURES FOR CANCER THERAPY **Book Series:** Nanostructures in Therapeutic Medicine **Pages:** 261-283 **Published:** 2017

Accession Number: WOS:000411703700012

ISBN: 978-0-323-46150-4; 978-0-323-46144-3

Record 44 of 301

Title: Molecularly imprinted cryogel as a pH-responsive delivery system for doxorubicin

Author(s): Cetin, K (Cetin, Kemal); Alkan, H (Alkan, Huseyin); Bereli, N (Bereli, Nilay); Denizli, A (Denizli, Adil)

Source: JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY **Volume:** 54 **Issue:** 8 **Pages:** 502-508 **DOI:** 10.1080/10601325.2017.1320757 **Published:** 2017

Accession Number: WOS:000405568900002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cetin, Kemal		0000-0002-7393-7377
Alkan, Huseyin		0000-0002-0761-6436

ISSN: 1060-1325

eISSN: 1520-5738

Record 45 of 301

Title: Recent Advances in Drug Delivery of Polymeric Nano-Micelles

Author(s): Aziz, ZABA (Aziz, Zarith Asyikin Binti Abdul); Ahmad, A (Ahmad, Akil); Mohd-Setapar, SH (Mohd-Setapar, Siti Hamidah); Hassan, H (Hassan, Hashim); Lokhat, D (Lokhat, David); Kamal, MA (Kamal, Mohammad Amjad); Ashraf, GM (Ashraf, Ghulam Md.)

Source: CURRENT DRUG METABOLISM **Volume:** 18 **Issue:** 1 **Pages:** 16-29 **DOI:** 10.2174/1389200217666160921143616 **Published:** 2017

Accession Number: WOS:000397253300005

PubMed ID: 27654898

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Ashraf, Ghulam Md	H-9485-2012	0000-0002-9820-2078

ISSN: 1389-2002

Record 46 of 301

Title: Current and evolving approaches for improving the oral permeability of BCS Class III or analogous molecules

Author(s): Dave, VS (Dave, Vivek S.); Gupta, D (Gupta, Deepak); Yu, M (Yu, Monica); Nguyen, P (Phuong Nguyen); Gupta, SV (Gupta, Sheeba Varghese)

Source: DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY **Volume:** 43 **Issue:** 2 **Pages:** 177-189 **DOI:** 10.1080/03639045.2016.1269122 **Published:** 2017

Accession Number: WOS:000394018100001

PubMed ID: 27998192

ISSN: 0363-9045

eISSN: 1520-5762

Record 47 of 301

Title: pH-responsive release of paclitaxel from hydrazone-containing biodegradable micelles

Author(s): Qi, PL (Qi, Peilan); Bu, YQ (Bu, Yongqiang); Xu, J (Xu, Jing); Qin, BK (Qin, Benkai); Luan, SJ (Luan, Shujuan); Song, SY (Song, Shiyong)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 295 **Issue:** 1 **Pages:** 1-12 **DOI:** 10.1007/s00396-016-3968-6 **Published:** JAN 2017

Accession Number: WOS:000392135800001

ISSN: 0303-402X

eISSN: 1435-1536

Record 48 of 301

Title: An Overview of Therapeutic Applications

Author(s): Waghulde, S (Waghulde, Sandeep); Naik, P (Naik, Pravin)

Book Author(s): Keservani, RK (Keservani, RK); Sharma, AK (Sharma, AK); Kesharwani, RK (Kesharwani, RK)

Source: NOVEL APPROACHES FOR DRUG DELIVERY **Book Series:** Advances in Medical Technologies and Clinical Practice **Pages:** 1-25 **DOI:** 10.4018/978-1-5225-0751-2.ch001 **Published:** 2017

Accession Number: WOS:000461798100003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Waghulde, Sandeep Onkar A-6613-2013		0000-0001-5855-9606

ISSN: 2327-9354

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ISBN: 978-1-5225-0752-9; 978-1-5225-0751-2

Book DOI: 10.4018/978-1-5225-0751-2

Record 49 of 301

Title: Novel Approaches for Drug Delivery Foreword

Author(s): Emerald, M (Emerald, Mila)

Book Author(s): Keservani, RK (Keservani, RK); Sharma, AK (Sharma, AK); Kesharwani, RK (Kesharwani, RK)

Source: NOVEL APPROACHES FOR DRUG DELIVERY **Book Series:** Advances in Medical Technologies and Clinical Practice **Pages:** XVI-+ **Published:** 2017

Accession Number: WOS:000461798100001

ISSN: 2327-9354

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ISBN: 978-1-5225-0752-9; 978-1-5225-0751-2

Book DOI: 10.4018/978-1-5225-0751-2

Record 50 of 301

Title: An Overview of Therapeutic Applications

Author(s): Waghulde, S (Waghulde, Sandeep); Naik, P (Naik, Pravin)

Book Group Author(s): Informat Resources Management Assoc

Source: PHARMACEUTICAL SCIENCES: BREAKTHROUGHS IN RESEARCH AND PRACTICE **Pages:** 366-390 **DOI:** 10.4018/978-1-5225-1762-7.ch015 **Published:** 2017

Accession Number: WOS:000471126300016

ISBN: 978-1-5225-1763-4; 978-1-5225-1762-7

Book DOI: 10.11646/zoosymposia.13.1.1

Record 51 of 301

Title: Novel alginate-stabilized doxorubicin-loaded nanodroplets for ultrasounic theranosis of breast cancer

Author(s): Baghbani, F (Baghbani, Fatemeh); Mortarzadeh, F (Mortarzadeh, Fathollah); Mohandesi, JA (Mohandesi, Jamshid Aghazadeh); Yazdian, F (Yazdian, Fatemeh); Mokhtari-Dizaji, M (Mokhtari-Dizaji, Manijhe)

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 93 **Pages:** 512-519 **DOI:** 10.1016/j.ijbiomac.2016.09.008 **Part:** A **Published:** DEC 2016

Accession Number: WOS:000389090900059

PubMed ID: 27601134

ISSN: 0141-8130

eISSN: 1879-0003

Record 52 of 301

Title: Pluronic mimicking fluorescent carbon nanoparticles conjugated with doxorubicin via acid-cleavable linkage for tumor-targeted drug delivery and bioimaging

Author(s): Kang, EB (Kang, Eun Bi); Sharker, SM (Sharker, Shazid Md.); In, I (In, Insik); Park, SY (Park, Sung Young)

Source: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY **Volume:** 43 **Pages:** 150-157 **DOI:** 10.1016/j.jiec.2016.08.001 **Published:** NOV 25 2016

Accession Number: WOS:000391898600018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sharker, Shazid Md.	S-6210-2019	0000-0001-9122-3602
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ISSN: 1226-086X

eISSN: 1876-794X

Record 53 of 301

Title: Backbone-hydrazone-containing biodegradable copolymeric micelles for anticancer drug delivery

Author(s): Xu, J (Xu, Jing); Luan, SJ (Luan, Shujuan); Qin, BK (Qin, Benkai); Wang, YY (Wang, Yingying); Wang, K (Wang, Kai); Qi, PL (Qi, Peilan); Song, SY (Song, Shiyong)

Source: JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 18 **Issue:** 11 **Article Number:** 316 **DOI:** 10.1007/s11051-016-3626-4 **Published:** NOV 7 2016

Accession Number: WOS:000390062200002

ISSN: 1388-0764

eISSN: 1572-896X

Record 54 of 301

Title: Synthesis and Aqueous Solution Properties of Block Copolyethers with Latent Chemical Functionality

Author(s): Stoyanova, B (Stoyanova, Boyana); Novakov, C (Novakov, Christo); Tsvetanov, CB (Tsvetanov, Christo B.); Rangelov, S (Rangelov, Stanislav)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 217 **Issue:** 21 **Pages:** 2380-2390 **DOI:** 10.1002/macp.201600284 **Published:** NOV 2016

Accession Number: WOS:000387103800004

ISSN: 1022-1352

eISSN: 1521-3935

Record 55 of 301

Title: Acid-Responsive Polymeric Doxorubicin Prodrug Nanoparticles Encapsulating a Near-Infrared Dye for Combined Photothermal-Chemotherapy

Author(s): Zhang, YY (Zhang, Yuanyuan); Teh, C (Teh, Cathleen); Li, MH (Li, Menghuan); Ang, CY (Ang, Chung Yen); Tan, SY (Tan, Si Yu); Qu, QY (Qu, Qiuyu); Korzh, V (Korzh, Vladimir); Zhao, YL (Zhao, Yanli)

Source: CHEMISTRY OF MATERIALS **Volume:** 28 **Issue:** 19 **Pages:** 7039-7050 **DOI:** 10.1021/acs.chemmater.6b02896 **Published:** OCT 11 2016

Accession Number: WOS:000385336500028

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Korzh, Vladimir P	H-1596-2011	0000-0002-6580-7986
Zhao, Yanli	B-7028-2011	0000-0002-9231-8360

Record 56 of 301

Title: A pH-Sensitive Nanosystem Based on Carboxymethyl Chitosan for Tumor-Targeted Delivery of Daunorubicin

Author(s): Zhang, XQ (Zhang, Xueqiong); Zhang, H (Zhang, Hong); Yin, LQ (Yin, Liangquan); Hu, R (Hu, Rui); Qiu, T (Qiu, Tong); Yin, YH (Yin, Yihua); Xiong, X (Xiong, Xiong); Zheng, H (Zheng, Hua); Wang, Q (Wang, Qun)

Source: JOURNAL OF BIOMEDICAL NANOTECHNOLOGY **Volume:** 12 **Issue:** 8 **Pages:** 1688-1698 **DOI:** 10.1166/jbn.2016.2278 **Published:** AUG 2016

Accession Number: WOS:000381648500009

PubMed ID: 29342347

ISSN: 1550-7033

eISSN: 1550-7041

Record 57 of 301

Title: Dual-Cross-Linked Methacrylated Alginate Sub-Microspheres for Intracellular Chemotherapeutic Delivery

Author(s): Fenn, SL (Fenn, Spencer L.); Miao, TX (Miao, Tianxin); Scherrer, RM (Scherrer, Ryan M.); Oldinski, RA (Oldinski, Rachael A.)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 8 **Issue:** 28 **Pages:** 17775-17783 **DOI:** 10.1021/acsami.6b03245 **Published:** JUL 20 2016

Accession Number: WOS:000380298400006

PubMed ID: 27378419

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Fenn, Spencer		0000-0001-9379-1582

ISSN: 1944-8244

Record 58 of 301

Title: Efficacy of doxorubicin-transferrin conjugate in apoptosis induction in human leukemia cells through reactive oxygen species generation

Author(s): Szwed, M (Szwed, Marzena); Laroche-Clary, A (Laroche-Clary, Audrey); Robert, J (Robert, Jacques); Jozwiak, Z (Jozwiak, Zofia)

Source: CELLULAR ONCOLOGY **Volume:** 39 **Issue:** 2 **Pages:** 107-118 **DOI:** 10.1007/s13402-015-0256-2 **Published:** APR 2016

Accession Number: WOS:000373636600002

PubMed ID: 26611752

Author Identifiers:

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Robert, Jacques	B-2179-2008	0000-0003-4380-1476
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ISSN: 2211-3428

eISSN: 2211-3436

Record 59 of 301

Title: Magnetically triggered nanovehicles for controlled drug release as a colorectal cancer therapy

Author(s): Kuo, CY (Kuo, Chih-Yu); Liu, TY (Liu, Ting-Yu); Chan, TY (Chan, Tzu-Yi); Tsai, SC (Tsai, Sung-Chen); Hardiansyah, A (Hardiansyah, Andri); Huang, LY (Huang, Li-Ying); Yang, MC (Yang, Ming-Chien); Lu, RH (Lu, Ruey-Hwa); Jiang, JK (Jiang, Jeng-Kai); Yang, CY (Yang, Chih-Yung); Lin, CH (Lin, Chi-Hung); Chiu, WY (Chiu, Wen-Yen)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 140 **Pages:** 567-573 **DOI:** 10.1016/j.colsurfb.2015.11.008 **Published:** APR 1 2016

Accession Number: WOS:000371445500066

PubMed ID: 26705859

ISSN: 0927-7765

eISSN: 1873-4367

Record 60 of 301

Title: Polymeric Prodrug Grafted Hollow Mesoporous Silica Nanoparticles Encapsulating Near-Infrared Absorbing Dye for Potent Combined Photothermal-Chemotherapy

Author(s): Zhang, YY (Zhang, Yuanyuan); Ang, CY (Ang, Chung Yen); Li, MH (Li, Menghuan); Tan, SY (Tan, Si Yu); Qu, QY (Qu, Qiuyu); Zhao, YL (Zhao, Yanli)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 8 **Issue:** 11 **Pages:** 6869-6879 **DOI:** 10.1021/acsami.6b00376 **Published:** MAR 23 2016

Accession Number: WOS:000372946600012

PubMed ID: 26937591

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhao, Yanli	B-7028-2011	0000-0002-9231-8360

ISSN: 1944-8244

Record 61 of 301

Title: Preparation of glucose-sensitive and fluorescence micelles via a combination of photoinitiated polymerization and chemoenzymatic transesterification for the controlled release of insulin

Author(s): Du, XX (Du, Xiangxiang); Jiang, GH (Jiang, Guohua); Li, L (Li, Lei); Yang, WT (Yang, Wentong); Chen, H (Chen, Hua); Liu, YK (Liu, Yongkun); Huang, Q (Huang, Qin)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 133 **Issue:** 9 **Article Number:** 43026 **DOI:** 10.1002/app.43026 **Published:** MAR 5 2016

Accession Number: WOS:000367850200007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jiang, Guohua	G-7834-2016	0000-0003-3666-8216
CHEN, HUA		0000-0002-6993-9126

ISSN: 0021-8995

eISSN: 1097-4628

Record 62 of 301

Title: Reduction-Sensitive Polymeric Micelles Based on Docetaxel-Polymer Conjugates Via Disulfide Linker for Efficient Cancer Therapy

Author(s): Guo, YY (Guo, Yuanyuan); Zhang, P (Zhang, Pei); Zhao, QY (Zhao, Qingyun); Wang, KM (Wang, Kaiming); Luan, YX (Luan, Yuxia)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 16 **Issue:** 3 **Pages:** 420-431 **DOI:** 10.1002/mabi.201500317 **Published:** MAR 2016

Accession Number: WOS:000372725300012

PubMed ID: 26647779

ISSN: 1616-5187

eISSN: 1616-5195

Record 63 of 301

Title: Polymerization of Ethylene Oxide, Propylene Oxide, and Other Alkylene Oxides: Synthesis, Novel Polymer Architectures, and Bioconjugation

Author(s): Herzberger, J (Herzberger, Jana); Niederer, K (Niederer, Kerstin); Pohlitz, H (Pohlitz, Hannah); Seiwert, J (Seiwert, Jan); Worm, M (Worm, Matthias); Wurm, FR (Wurm, Frederik R.); Frey, H (Frey, Holger)

Source: CHEMICAL REVIEWS **Volume:** 116 **Issue:** 4 **Special Issue:** SI **Pages:** 2170-2243 **DOI:** 10.1021/acs.chemrev.5b00441 **Published:** FEB 24 2016

Accession Number: WOS:000371106000013

PubMed ID: 26713458

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Pohlitz, Hannah	H-7049-2018	0000-0002-6366-7836
Wurm, Frederik R.	A-2522-2010	0000-0002-6955-8489

ISSN: 0009-2665

eISSN: 1520-6890

Record 64 of 301

Title: Reactive oxygen species responsive drug releasing nanoparticle based on chondroitin sulfate-anthocyanin nanocomplex for efficient tumor therapy

Author(s): Jeong, D (Jeong, Dooyong); Bae, BC (Bae, Byoung-chan); Park, SJ (Park, Sin-jung); Na, K (Na, Kun)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 222 **Pages:** 78-85 **DOI:** 10.1016/j.jconrel.2015.12.009 **Published:** JAN 28 2016

Accession Number: WOS:000368105300015

PubMed ID: 26686664

ISSN: 0168-3659

eISSN: 1873-4995

Record 65 of 301

Title: Competition between self-inclusion and drug binding explains the pH dependence of the cyclodextrin drug carrier - molecular modelling and electrochemistry studies

Author(s): Swiech, O (Swiech, Olga); Majdecki, M (Majdecki, Maciej); Debinski, A (Debinski, Aleksander); Krzak, A (Krzak, Agata); Stepkowski, TM (Stepkowski, Tomasz M.); Wojciuk, G (Wojciuk, Grzegorz); Kruszewski, M (Kruszewski, Marcin); Bilewicz, R (Bilewicz, Renata)

Source: NANOSCALE **Volume:** 8 **Issue:** 37 **Pages:** 16733-16742 **DOI:** 10.1039/c6nr05833g **Published:** 2016

Accession Number: WOS:000387857700019

PubMed ID: 27714103

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kruszewski, Marcin	S-6095-2018	0000-0003-4554-8566
Stepkowski, Tomasz		0000-0002-8454-4421

ISSN: 2040-3364

eISSN: 2040-3372

Record 66 of 301

Title: Compatibility studies between an amphiphilic pH-sensitive polymer and hydrophobic drug using multiscale simulations

Author(s): Wang, Y (Wang, Yan); Ren, JW (Ren, Jia Wei); Zhang, CY (Zhang, Can Yang); He, MC (He, Meng Chan); Wu, ZM (Wu, Zhi Min); Guo, XD (Guo, Xin Dong)

Source: RSC ADVANCES **Volume:** 6 **Issue:** 103 **Pages:** 101323-101333 **DOI:** 10.1039/c6ra15950h **Published:** 2016

Accession Number: WOS:000387427700077

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
ZHANG, CAN YANG	O-8171-2016	0000-0002-6975-5781

ISSN: 2046-2069

Record 67 of 301

Title: Prodrug Micelles Based on Norbornene-Functional Poly(lactide)s Backbone for Redox-Responsive Release of Paclitaxel

Author(s): Wang, J (Wang, Ji); Yan, J (Yan, Jing); Zhou, HC (Zhou, Huicong); Huang, HK (Huang, Haikang); Zhang, XF (Zhang, Xuefei); Tang, HY (Tang, Haoyu)

Source: AUSTRALIAN JOURNAL OF CHEMISTRY **Volume:** 69 **Issue:** 10 **Pages:** 1140-1148 **DOI:** 10.1071/CH16100 **Published:** 2016

Accession Number: WOS:000385865700010

ISSN: 0004-9425

eISSN: 1445-0038

Record 68 of 301

Title: Synthesis of pH-sensitive, water-soluble paclitaxel prodrugs based on norbornene-functional polylactide by copper-free click chemistry

Author(s): Wang, J (Wang, Ji); Zhou, HC (Zhou, Huicong); Zheng, QX (Zheng, Qixuan); Yan, J (Yan, Jing); Liu, P (Liu, Pei); Li, GH (Li, Guanghua); Zhang, XF (Zhang, Xuefei); Tang, HY (Tang, Haoyu)

Source: INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS **Volume:** 65 **Issue:** 15 **Pages:** 789-796 **DOI:** 10.1080/00914037.2016.1171219 **Published:** 2016

Accession Number: WOS:000379360200005

ISSN: 0091-4037

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Record 69 of 301

Title: Zirconium Phosphate Nanoplatelet Potential for Anticancer Drug Delivery Applications

Author(s): Gonzalez, ML (Gonzalez, Millie L.); Ortiz, M (Ortiz, Mayra); Hernandez, C (Hernandez, Carmen); Caban, J (Caban, Jennifer); Rodriguez, A (Rodriguez, Axel); Colon, JL (Colon, Jorge L.); Baez, A (Baez, Adriana)

Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY **Volume:** 16 **Issue:** 1 **Pages:** 117-129 **DOI:** 10.1166/jnn.2016.11608 **Published:** JAN 2016

Accession Number: WOS:000369680400008

PubMed ID: 27398437

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Colon, Jorge A	A-3301-2017	0000-0003-1398-2405

ISSN: 1533-4880

eISSN: 1533-4899

Record 70 of 301

Title: Actively Targeted Nanoparticles for Drug Delivery to Tumor

Author(s): Bi, Y (Bi, Ye); Hao, F (Hao, Fei); Yan, GD (Yan, Guodong); Teng, LS (Teng, Lesheng); Lee, RJ (Lee, Robert J.); Xie, J (Xie, Jing)

Source: CURRENT DRUG METABOLISM **Volume:** 17 **Issue:** 8 **Pages:** 763-782 **DOI:** 10.2174/1389200217666160619191853 **Published:** 2016

Accession Number: WOS:000384800500006

PubMed ID: 27335116

ISSN: 1389-2002

eISSN: 1875-5453

Record 71 of 301

Title: Unimolecular micelles of camptothecin-bonded hyperbranched star copolymers via beta-thiopropionate linkage: synthesis and drug delivery

Author(s): Qiu, L (Qiu, Liang); Liu, Q (Liu, Qing); Hong, CY (Hong, Chun-Yan); Pan, CY (Pan, Cai-Yuan)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 4 **Issue:** 1 **Pages:** 141-151 **DOI:** 10.1039/c5tb01905b **Published:** 2016

Accession Number: WOS:000366825900015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hong, Chunyan	E-6668-2010	

ISSN: 2050-750X

eISSN: 2050-7518

Record 72 of 301

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 73 of 301

Title: Fluorescent Copolymer-Based Prodrug for pH-Triggered Intracellular Release of DOX

Author(s): Jia, X (Jia, Xu); Zhao, XB (Zhao, Xubo); Tian, K (Tian, Kun); Zhou, TT (Zhou, Tingting); Li, JG (Li, Jiagen); Zhang, RN (Zhang, Ruinian); Liu, P (Liu, Peng)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 11 **Pages:** 3624-3631 **DOI:** 10.1021/acs.biomac.5b01070 **Published:** NOV 2015

Accession Number: WOS:000364614300022

PubMed ID: 26461275

ISSN: 1525-7797

eISSN: 1526-4602

Record 74 of 301

Title: A novel Trojan-horse targeting strategy to reduce the non-specific uptake of nanocarriers by non-cancerous cells

Author(s): Shen, ZY (Shen, Zheyu); Wu, H (Wu, Hao); Yang, SG (Yang, Sugeun); Ma, XH (Ma, Xuehua); Li, ZH (Li, Zihou); Tan, MQ (Tan, Mingqian); Wu, AG (Wu, Aiguo)

Source: BIOMATERIALS **Volume:** 70 **Pages:** 1-11 **DOI:** 10.1016/j.biomaterials.2015.08.022 **Published:** NOV 2015

Accession Number: WOS:000362610600001

PubMed ID: 26295434

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Wu, Hao L-5939-2015 0000-0003-2185-5430
ISSN: 0142-9612
eISSN: 1878-5905

Record 75 of 301

Title: Design, synthesis, and testing of an isoquinoline-3-carboxylic-based novel anti-tumor lead

Author(s): Gao, F (Gao, Fei); Liu, HQ (Liu, Haiqing); Li, L (Li, Li); Guo, JP (Guo, Jianpeng); Wang, YJ (Wang, Yuji); Zhao, M (Zhao, Ming); Peng, SQ (Peng, Shiqi)

Source: BIOORGANIC & MEDICINAL CHEMISTRY LETTERS **Volume:** 25 **Issue:** 20 **Pages:** 4434-4436 **DOI:** 10.1016/j.bmcl.2015.09.014 **Published:** OCT 15 2015

Accession Number: WOS:000362102200011

PubMed ID: 26386603

ISSN: 0960-894X

eISSN: 1464-3405

Record 76 of 301

Title: Design and Development of Bioceramic Based Functionalized PLGA Nanoparticles of Risedronate for Bone Targeting: In-vitro Characterization and Pharmacodynamic Evaluation

Author(s): Rawat, P (Rawat, Purnima); Manglani, K (Manglani, Kapil); Gupta, S (Gupta, Sarika); Kalam, A (Kalam, Abul); Vohora, D (Vohora, Divya); Ahmad, FJ (Ahmad, Farhan Jalees); Talegaonkar, S (Talegaonkar, Sushama)

Source: PHARMACEUTICAL RESEARCH **Volume:** 32 **Issue:** 10 **Pages:** 3149-3158 **DOI:** 10.1007/s11095-015-1692-4 **Published:** OCT 2015

Accession Number: WOS:000361720700003

PubMed ID: 25840949

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Talegaonkar, Sushama	B-9752-2018	
Vohora, Divya	H-4245-2019	0000-0003-1852-9191
Ahmad, Farhan		0000-0002-0740-8573

ISSN: 0724-8741

eISSN: 1573-904X

Record 77 of 301

Title: Targeting delivery of tocopherol and doxorubicin grafted-chitosan polymeric micelles for cancer therapy: In vitro and in vivo evaluation

Author(s): Nam, JP (Nam, Joung-Pyo); Lee, KJ (Lee, Kyeong-Jae); Choi, JW (Choi, Joung-Woo); Yun, CO (Yun, Chae-Ok); Nah, JW (Nah, Jae-Woon)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 133 **Pages:** 254-262 **DOI:** 10.1016/j.colsurfb.2015.06.018 **Published:** SEP 1 2015

Accession Number: WOS:000359172600031

PubMed ID: 26117805

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yun, Chae-Ok	P-3698-2015	
Yun, Chae-Ok		0000-0002-9466-4531

ISSN: 0927-7765

eISSN: 1873-4367

Record 78 of 301

Title: Interfacially Hydrazone Cross-linked Thermosensitive Polymeric Micelles for Acid-Triggered Release of Paclitaxel

Author(s): Shi, Y (Shi, Yang); van Nostrum, CF (van Nostrum, Cornelus F.); Hennink, WE (Hennink, Wim E.)

Source: ACS BIOMATERIALS SCIENCE & ENGINEERING **Volume:** 1 **Issue:** 6 **Pages:** 393-404 **DOI:** 10.1021/acsbiomaterials.5b00006 **Published:** JUN 2015

Accession Number: WOS:000369347500006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hennink, Wim	O-8632-2016	
van Nostrum, Cornelus	I-9445-2016	
Shi, Yang	L-8107-2015	0000-0003-4530-2056

ISSN: 2373-9878

Record 79 of 301

Title: Mechanisms of Drug Release in Nanotherapeutic Delivery Systems

Author(s): Wong, PT (Wong, Pamela T.); Choi, SK (Choi, Seok Ki)

Source: CHEMICAL REVIEWS **Volume:** 115 **Issue:** 9 **Pages:** 3388-3432 **DOI:** 10.1021/cr5004634 **Published:** MAY 13 2015

Accession Number: WOS:000354906800006

PubMed ID: 25914945

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Choi, Seok Ki	A-2179-2014	0000-0001-5633-4817

ISSN: 0009-2665

eISSN: 1520-6890

Record 80 of 301

Title: Histone deacetylase inhibitor-polymer conjugate nanoparticles for acid-responsive drug delivery

Author(s): Denis, I (Denis, Iza); el Bahhaj, F (el Bahhaj, Fatima); Collette, F (Collette, Floraine); Delatouche, R (Delatouche, Regis); Gueugnon, F (Gueugnon, Fabien); Pouliquen, D (Pouliquen, Daniel); Pichavant, L (Pichavant, Loic); Heroguez, V (Heroguez, Valerie); Gregoire, M (Gregoire, Marc); Bertrand, P (Bertrand, Philippe); Blanquart, C (Blanquart, Christophe)

Source: EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY **Volume:** 95 **Pages:** 369-376 **DOI:** 10.1016/j.ejmech.2015.03.037 **Published:** MAY 5 2015

Accession Number: WOS:000354139900031

PubMed ID: 25827403

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pouliquen, Daniel L	L-3121-2015	0000-0002-0820-3828
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Blanquart, Christophe	K-5956-2015	0000-0002-0917-3747
Denis, Iza		0000-0002-2882-4306

ISSN: 0223-5234

eISSN: 1768-3254

Record 81 of 301

Title: Linear polyethyleneimine-doxorubicin conjugate for pH-responsive synchronous delivery of drug and microRNA-34a

Author(s): Jung, H (Jung, Hyosook); Kim, SA (Kim, Seung An); Lee, E (Lee, Eunjo); Mok, H (Mok, Hyejung)

Source: MACROMOLECULAR RESEARCH **Volume:** 23 **Issue:** 5 **Pages:** 449-456 **DOI:** 10.1007/s13233-015-3060-y **Published:** MAY 2015

Accession Number: WOS:000354393500007

ISSN: 1598-5032

eISSN: 2092-7673

Record 82 of 301

Title: Stimuli-responsive PEGylated prodrugs for targeted doxorubicin delivery

Author(s): Xu, MH (Xu, Minghui); Qian, JM (Qian, Junmin); Liu, XF (Liu, Xuefeng); Liu, T (Liu, Ting); Wang, HJ (Wang, Hongjie)

Source: MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS **Volume:** 50 **Pages:** 341-347 **DOI:** 10.1016/j.msec.2015.01.098 **Published:** MAY 1 2015

Accession Number: WOS:000351804100042

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Record 83 of 301

Title: Solution Behavior of Hydrolyzed Gradient Methyl/Phenyl Oxazoline Copolymers and Complexation with DNA

Author(s): Vlasi, E (Vlasi, Eleni); Pispas, S (Pispas, Stergios)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 216 **Issue:** 8 **Pages:** 873-883 **DOI:** 10.1002/macp.201400552 **Published:** APR 2015

Accession Number: WOS:000353915300006

ISSN: 1022-1352

eISSN: 1521-3935

Record 84 of 301

Title: Folate-decorated hydrophilic three-arm star-block terpolymer as a novel nanovehicle for targeted co-delivery of doxorubicin. and Bcl-

2 siRNA in breast cancer therapy

Author(s): Qian, JM (Qian, Junmin); Xu, MH (Xu, Minghui); Suo, AL (Suo, Aili); Xu, WJ (Xu, Weijun); Liu, T (Liu, Ting); Liu, XF (Liu, Xuefeng); Yao, Y (Yao, Yu); Wang, HJ (Wang, Hongjie)

Source: ACTA BIOMATERIALIA **Volume:** 15 **Pages:** 102-116 **DOI:** 10.1016/j.actbio.2014.12.018 **Published:** MAR 15 2015

Accession Number: WOS:000350520800011

PubMed ID: 25545322

ISSN: 1742-7061

eISSN: 1878-7568

Record 85 of 301

Title: Supramolecular Prodrug Micelles Constructed by Drug-Drug Conjugate with Water Soluble Pillar[6]arene for Controllable and Rapid Drug Release

Author(s): Cao, Y (Cao, Yu); Zou, XC (Zou, Xiaochun); Xiong, SH (Xiong, Shuhan); Li, Y (Li, Yan); Shen, YZ (Shen, Yingzhong); Hu, XY (Hu, Xiaoyu); Wang, LY (Wang, Leyong)

Source: CHINESE JOURNAL OF CHEMISTRY **Volume:** 33 **Issue:** 3 **Special Issue:** SI **Pages:** 329-334 **DOI:** 10.1002/cjoc.201400844 **Published:** MAR 2015

Accession Number: WOS:000351313800004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Leyong	B-3790-2012	0000-0001-5775-3714

ISSN: 1001-604X

eISSN: 1614-7065

Record 86 of 301

Title: Supramolecular Nanoparticles Constructed by DOX-Based Prodrug with Water-Soluble Pillar[6]arene for Self-Catalyzed Rapid Drug Release

Author(s): Cao, Y (Cao, Yu); Li, Y (Li, Yan); Hu, XY (Hu, Xiao-Yu); Zou, XC (Zou, Xiaochun); Xiong, SH (Xiong, Shuhan); Lin, C (Lin, Chen); Wang, LY (Wang, Leyong)

Source: CHEMISTRY OF MATERIALS **Volume:** 27 **Issue:** 3 **Pages:** 1110-1119 **DOI:** 10.1021/cm504445r **Published:** FEB 10 2015

Accession Number: WOS:000349934500052

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Leyong	B-3790-2012	0000-0001-5775-3714

ISSN: 0897-4756

eISSN: 1520-5002

Record 87 of 301

Title: Multi-Responsive Polymer Micelles as Ellipticine Delivery Carriers for Cancer Therapy

Author(s): Studenovsky, M (Studenovsky, Martin); Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Ulbrich, K (Ulbrich, Karel)

Source: ANTICANCER RESEARCH **Volume:** 35 **Issue:** 2 **Pages:** 753-757 **Published:** FEB 2015

Accession Number: WOS:000349598600018

PubMed ID: 25667454

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Studenovsky, Martin	H-4627-2014	
Ulbrich, Karel	G-5145-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0250-7005

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Title: Nanomaterials for Theranostics: Recent Advances and Future Challenges

Author(s): Lim, EK (Lim, Eun-Kyung); Kim, T (Kim, Taekhoon); Paik, S (Paik, Soonmyung); Haam, S (Haam, Seungjoo); Huh, YM (Huh, Yong-Min); Lee, K (Lee, Kwangyeol)

Source: CHEMICAL REVIEWS **Volume:** 115 **Issue:** 1 **Pages:** 327-394 **DOI:** 10.1021/cr300213b **Published:** JAN 14 2015

Accession Number: WOS:000348093800008

PubMed ID: 25423180

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lee, Kwangyeol	A-9269-2010	
Huh, Yong-Min		0000-0002-9831-4475
Paik, Soonmyung		0000-0001-9688-6480

ISSN: 0009-2665
eISSN: 1520-6890

Record 89 of 301

Title: PEGylated methotrexate based micellar conjugates for anticancer chemotherapy

Author(s): Bansal, DB (Bansal, Divya Bhargava); Bhadra, D (Bhadra, Dipankar); Gupta, U (Gupta, Umesh); Jain, NK (Jain, N. K.)

Source: ASIAN JOURNAL OF PHARMACEUTICS **Volume:** 9 **Issue:** 1 **Pages:** 60-66 **DOI:** 10.4103/0973-8398.150042 **Published:** JAN-MAR 2015

Accession Number: WOS:000374584000010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
GUPTA, UMESH	V-1322-2019	0000-0001-8947-2749
Jain, Keerti	N-1635-2019	

ISSN: 0973-8398
eISSN: 1998-409X

Record 90 of 301

Title: Cytotoxicity of and DNA adduct formation by ellipticine and its micellar form in human leukemia cells in vitro

Author(s): Stiborova, M (Stiborova, Marie); Manhartova, Z (Manhartova, Zuzana); Hodek, P (Hodek, Petr); Adam, V (Adam, Vojtech); Kizek, R (Kizek, Rene); Eckschlager, T (Eckschlager, Tomas); Frei, E (Frei, Eva)

Source: NEUROENDOCRINOLOGY LETTERS **Volume:** 36 **Pages:** 22-28 **Supplement:** 1 **Published:** 2015

Accession Number: WOS:000369404400003

PubMed ID: 26757112

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stiborova, Marie	A-5982-2015	0000-0001-5430-4403
Adam, Vojtech	D-7686-2012	0000-0002-8527-286X
Hodek, Petr	G-1561-2010	0000-0003-3449-4697
Kizek, Rene		0000-0002-0467-6169

ISSN: 0172-780X

Record 91 of 301

Title: In vitro controlled release of cisplatin from gold-carbon nanobottles via cleavable linkages

Author(s): Li, J (Li, Jian); Yoong, SL (Yoong, Sia Lee); Goh, WJ (Goh, Wei Jiang); Czarny, B (Czarny, Bertrand); Yang, Z (Yang, Zhi); Poddar, K (Poddar, Kingshuk); Dykas, MM (Dykas, Michal M.); Patra, A (Patra, Abhijeet); Venkatesan, T (Venkatesan, T.); Panczyk, T (Panczyk, Tomasz); Lee, C (Lee, Chengkuo); Pastorin, G (Pastorin, Giorgia)

Source: INTERNATIONAL JOURNAL OF NANOMEDICINE **Volume:** 10 **Pages:** 7425-7441 **DOI:** 10.2147/IJN.S93810 **Published:** 2015

Accession Number: WOS:000366552900001

PubMed ID: 26719686

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panczyk, Tomasz	G-4474-2012	
Czarny, Bertrand	F-2001-2018	0000-0002-9586-0913
Lee, Chengkuo		0000-0002-8886-3649

ISSN: 1178-2013

Record 92 of 301

Title: CHEMICAL METHODOLOGY FOR LABELLING AND BIOCONJUGATION

Author(s): Cui, LN (Cui, Lina); Rao, JH (Rao, Jianghong)

Edited by: Long N; Wong WT

Source: CHEMISTRY OF MOLECULAR IMAGING **Pages:** 25-53 **Published:** 2015

Accession Number: WOS:000362274900003

ISBN: 978-1-118-85475-4; 978-1-118-09327-6

Record 93 of 301

Title: pH-responsive lyotropic liquid crystals and their potential therapeutic role in cancer treatment

Author(s): Negrini, R (Negrini, Renata); Fong, WK (Fong, Wye-Khay); Boyd, BJ (Boyd, Ben J.); Mezzenga, R (Mezzenga, Raffaele)
Source: CHEMICAL COMMUNICATIONS **Volume:** 51 **Issue:** 30 **Pages:** 6671-6674 **DOI:** 10.1039/c4cc10274f **Published:** 2015
Accession Number: WOS:000352269000051
PubMed ID: 25783035

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Boyd, Ben		0000-0001-5434-590X
, Khay		0000-0002-0437-9332

ISSN: 1359-7345
eISSN: 1364-548X

Record 94 of 301

Title: Prevention of doxorubicin sorptive losses in drug delivery studies using polyethylene glycol
Author(s): Curry, D (Curry, Dennis); Scheller, H (Scheller, Hope); Lu, MS (Lu, Mingsheng); Mkandawire, M (Mkandawire, Martin); Servos, MR (Servos, Mark R.); Cui, SF (Cui, Shufen); Zhang, X (Zhang, Xu); Oakes, KD (Oakes, Ken D.)
Source: RSC ADVANCES **Volume:** 5 **Issue:** 33 **Pages:** 25693-25698 **DOI:** 10.1039/c5ra01799h **Published:** 2015
Accession Number: WOS:000351494800009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhang, Xu	B-3379-2011	0000-0002-8098-0410

ISSN: 2046-2069

Record 95 of 301

Title: A reduction-dissociable PEG-b-PGAH-b-PEI triblock copolymer as a vehicle for targeted co-delivery of doxorubicin and P-gp siRNA
Author(s): Xu, MH (Xu, Minghui); Qian, JM (Qian, Junmin); Suo, AL (Suo, Aili); Liu, T (Liu, Ting); Liu, XF (Liu, Xuefeng); Wang, HJ (Wang, Hongjie)
Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 13 **Pages:** 2445-2456 **DOI:** 10.1039/c5py00034c **Published:** 2015
Accession Number: WOS:000351493500011
ISSN: 1759-9954
eISSN: 1759-9962

Record 96 of 301

Title: The Chemistry of Bioconjugation in Nanoparticles-Based Drug Delivery System
Author(s): Werengowska-Cieciewicz, K (Werengowska-Cieciewicz, Karolina); Wisniewski, M (Wisniewski, Marek); Terzyk, AP (Terzyk, Artur P.); Furmaniak, S (Furmaniak, Sylwester)
Source: ADVANCES IN CONDENSED MATTER PHYSICS **Article Number:** 198175 **DOI:** 10.1155/2015/198175 **Published:** 2015
Accession Number: WOS:000351065200001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Terzyk, Artur	M-6445-2014	
Furmaniak, Sylwester	E-8320-2014	0000-0001-7443-9129
Wisniewski, Marek	E-5503-2014	0000-0003-3478-5371
Werengowska, Karolina	P-3351-2015	
Terzyk, Artur		0000-0003-0622-1771

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eISSN: 1687-8124

Record 97 of 301

Title: Construction of nanoparticles based on amphiphilic PEI-PA polymers for bortezomib and paclitaxel co-delivery
Author(s): Zhang, RR (Zhang, Ruirui); Liu, YH (Liu, Yinghua); Yang, ZW (Yang, Zhiwei); Li, YH (Li, Yunhao); Rong, XH (Rong, Xianghui); Wang, L (Wang, Lin); Guo, CJ (Guo, Chujun); Li, S (Li, Sheng); Liu, JX (Liu, Junxing); Li, MJ (Li, Mingjun); Wu, Y (Wu, Yan)
Source: RSC ADVANCES **Volume:** 5 **Issue:** 20 **Pages:** 15453-15460 **DOI:** 10.1039/c4ra16544f **Published:** 2015
Accession Number: WOS:000349435000060

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yang, Zhiwei	C-6576-2012	0000-0001-6969-8177

ISSN: 2046-2069

Record 98 of 301

Title: Optimized protocol for the radioiodination of hydrazone-type polymer drug delivery systems

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Hraby, M (Hraby, Martin)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 95 **Pages:** 129-134 **DOI:** 10.1016/j.apradiso.2014.10.016 **Published:** JAN 2015

Accession Number: WOS:000347585200021

PubMed ID: 25464189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hraby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0969-8043

Record 99 of 301

Title: Poly(2-ethyl-2-oxazoline)-Doxorubicin Conjugate-Based Dual Endosomal pH-Sensitive Micelles with Enhanced Antitumor Efficacy

Author(s): Li, JW (Li, Jinwen); Zhou, YX (Zhou, Yanxia); Li, CW (Li, Chengwei); Wang, DS (Wang, Dishu); Gao, YJ (Gao, Yajie); Zhang, C (Zhang, Chao); Zhao, L (Zhao, Lei); Li, YS (Li, Yushu); Liu, Y (Liu, Yan); Li, XR (Li, Xinru)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 26 **Issue:** 1 **Pages:** 110-119 **DOI:** 10.1021/bc5004718 **Published:** JAN 2015

Accession Number: WOS:000348483200012

PubMed ID: 25506713

ISSN: 1043-1802

Record 100 of 301

Title: Influence of 2-(diisopropylamino)ethyl methacrylate on acid-triggered hydrolysis of cyclic benzylidene acetals and their importance in efficient drug delivery

Author(s): Tang, MJ (Tang, Minjie); Yang, Z (Yang, Zheng); Feng, ZJ (Feng, Zujian); Zhou, JH (Zhou, Junhui); Liu, JJ (Liu, Jinjian); Liu, JF (Liu, Jianfeng); Wang, WW (Wang, Weiwei); Zhao, JQ (Zhao, Junqiang); Dong, AJ (Dong, Anjie); Deng, LD (Deng, Liandong)

Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 37 **Pages:** 6671-6679 **DOI:** 10.1039/c5py00734h **Published:** 2015

Accession Number: WOS:000361207600010

Author Identifiers:

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Zhao, Junqiang		0000-0001-7228-6181

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Record 101 of 301

Title: Formation of DNA Adducts by Ellipticine and Its Micellar Form in Rats - A Comparative Study

Author(s): Stiborova, M (Stiborova, Marie); Manhartova, Z (Manhartova, Zuzana); Hodek, P (Hodek, Petr); Adam, V (Adam, Vojtech); Kizek, R (Kizek, Rene); Frei, E (Frei, Eva)

Source: SENSORS **Volume:** 14 **Issue:** 12 **Pages:** 22982-22997 **DOI:** 10.3390/s141222982 **Published:** DEC 2014

Accession Number: WOS:000346794300043

PubMed ID: 25479328

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hodek, Petr	G-1561-2010	0000-0003-3449-4697
Adam, Vojtech	D-7686-2012	0000-0002-8527-286X
Kizek, Rene		0000-0002-0467-6169

ISSN: 1424-8220

Record 102 of 301

Title: Well-defined polymer-drug conjugate engineered with redox and pH-sensitive release mechanism for efficient delivery of paclitaxel

Author(s): Lv, SX (Lv, Shixian); Tang, ZH (Tang, Zhaohui); Zhang, DW (Zhang, Dawei); Song, WT (Song, Wantong); Li, MQ (Li, Mingqiang); Lin, J (Lin, Jian); Liu, HY (Liu, Huaiyu); Chen, XS (Chen, Xuesi)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 194 **Pages:** 220-227 **DOI:** 10.1016/j.jconrel.2014.09.009 **Published:** NOV 28 2014

Accession Number: WOS:000344229800022

PubMed ID: 25220162

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tang, Zhaohui	K-4891-2016	0000-0003-4726-4305
Li, Mingqiang	L-1182-2019	0000-0002-5178-4138
Li, Mingqiang	K-2926-2016	0000-0002-5178-4138
Lv, Shixian	D-2683-2017	0000-0001-8276-9881

ISSN: 0168-3659

eISSN: 1873-4995

Record 103 of 301

Title: Doxycycline and oxytetracycline loading of a zwitterionic amphoteric surfactant-gel and their controlled release

Author(s): Cesaretti, A (Cesaretti, A.); Carlotti, B (Carlotti, B.); Gentili, PL (Gentili, P. L.); Clementi, C (Clementi, C.); Germani, R (Germani, R.); Elisei, F (Elisei, F.)

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS **Volume:** 16 **Issue:** 42 **Pages:** 23096-23107 **DOI:** 10.1039/c4cp03488k **Published:** NOV 14 2014

Accession Number: WOS:000343750700020

PubMed ID: 25251135

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Elisei, Fausto	G-3604-2010	0000-0003-3577-3145
Gentili, Pier Luigi	F-3958-2012	0000-0003-1092-9190
Clementi, Catia	H-6840-2014	0000-0003-0470-2870
Carlotti, Benedetta	M-8958-2014	0000-0002-2980-2598
Germani, Raimondo	E-7707-2014	0000-0001-7076-7475

ISSN: 1463-9076

eISSN: 1463-9084

Record 104 of 301

Title: Bone-Targeted Acid-Sensitive Doxorubicin Conjugate Micelles as Potential Osteosarcoma Therapeutics

Author(s): Low, SA (Low, Stewart A.); Yang, JY (Yang, Jiyuan); Kopecek, J (Kopecek, Jindrich)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 25 **Issue:** 11 **Pages:** 2012-2020 **DOI:** 10.1021/bc500392x **Published:** NOV 2014

Accession Number: WOS:000345309000012

PubMed ID: 25291150

ISSN: 1043-1802

Record 105 of 301

Title: Hybrid polymer micelles capable of cRGD targeting and pH-triggered surface charge conversion for tumor selective accumulation and promoted uptake

Author(s): Hu, XL (Hu, Xiuli); Guan, XG (Guan, Xingang); Li, J (Li, Jing); Pei, Q (Pei, Qing); Liu, M (Liu, Ming); Xie, ZG (Xie, Zhigang); Jing, XB (Jing, Xiabin)

Source: CHEMICAL COMMUNICATIONS **Volume:** 50 **Issue:** 65 **Pages:** 9188-9191 **DOI:** 10.1039/c4cc04056b **Published:** AUG 21 2014

Accession Number: WOS:000339930400041

PubMed ID: 24995506

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
xie, zhigang	E-6501-2010	0000-0003-2974-1825

ISSN: 1359-7345

eISSN: 1364-548X

Record 106 of 301

Title: pH controlled size/shape in CTAB micelles with solubilized polar additives: A viscometry, scattering and spectral evaluation

Author(s): Patel, V (Patel, Vijay); Dharaiya, N (Dharaiya, Niles); Ray, D (Ray, Debes); Aswal, VK (Aswal, Vinod K.); Bahadur, P (Bahadur, Pratap)

Source: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS **Volume:** 455 **Pages:** 67-75 **DOI:** 10.1016/j.colsurfa.2014.04.025 **Published:** AUG 5 2014

Accession Number: WOS:000337878400009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ray, Debes	I-9296-2016	0000-0001-5564-2973
Patel, Vijay		0000-0003-2588-1994

ISSN: 0927-7757

eISSN: 1873-4359

Record 107 of 301

Title: Temperature-Tunable Iron Oxide Nanoparticles for Remote-Controlled Drug Release

Author(s): Dani, RK (Dani, Raj K.); Schumann, C (Schumann, Canan); Taratula, O (Taratula, Olena); Taratula, O (Taratula, Oleh)

Source: AAPS PHARMSCITECH **Volume:** 15 **Issue:** 4 **Pages:** 963-972 **DOI:** 10.1208/s12249-014-0131-x **Published:** AUG 2014

Accession Number: WOS:000342489700017

PubMed ID: 24821220

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Dani, Dr. Raj Kumar		0000-0003-2191-8366

ISSN: 1530-9932

Record 108 of 301

Title: Spectroscopic Investigation of the pH Controlled Inclusion of Doxycycline and Oxytetracycline Antibiotics in Cationic Micelles and Their Magnesium Driven Release

Author(s): Cesaretti, A (Cesaretti, Alessio); Carlotti, B (Carlotti, Benedetta); Gentili, PL (Gentili, Pier Luigi); Clementi, C (Clementi, Catia); Germani, R (Germani, Raimondo); Elisei, F (Elisei, Fausto)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 118 **Issue:** 29 **Pages:** 8601-8613 **DOI:** 10.1021/jp502278z **Published:** JUL 24 2014

Accession Number: WOS:000339540600017

PubMed ID: 24983832

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Elisei, Fausto	G-3604-2010	0000-0003-3577-3145
Clementi, Catia	H-6840-2014	0000-0003-0470-2870
Carlotti, Benedetta	M-8958-2014	0000-0002-2980-2598
Germani, Raimondo	E-7707-2014	0000-0001-7076-7475
Gentili, Pier Luigi	F-3958-2012	0000-0003-1092-9190

ISSN: 1520-6106

Record 109 of 301

Title: Doxorubicin-Loaded Nanogel Assemblies with pH/Thermo-triggered Payload Release for Intracellular Drug Delivery

Author(s): Chiang, WH (Chiang, Wen-Hsuan); Huang, WC (Huang, Wen-Chia); Chang, YJ (Chang, Yu-Jen); Shen, MY (Shen, Ming-Yin); Chen, HH (Chen, Hsin-Hung); Chern, CS (Chern, Chong-Shyan); Chiu, HC (Chiu, Hsin-Cheng)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 215 **Issue:** 13 **Pages:** 1332-1341 **DOI:** 10.1002/macp.201400145 **Published:** JUL 2014

Accession Number: WOS:000339093300006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chiu, Hsin-Cheng		0000-0001-5509-2107

ISSN: 1022-1352

eISSN: 1521-3935

Record 110 of 301

Title: Small but Powerful: Co-Assembly of Polyether-Based Triblock Terpolymers into Sub-30 nm Micelles and Synergistic Effects on Cellular Interactions

Author(s): Barthel, MJ (Barthel, Markus J.); Rinkenauer, AC (Rinkenauer, Alexandra C.); Wagner, M (Wagner, Michael); Mansfeld, U (Mansfeld, Ulrich); Hoepfner, S (Hoepfner, Stephanie); Czaplewska, JA (Czaplewska, Justyna A.); Gottschaldt, M (Gottschaldt, Michael); Traeger, A (Traeger, Anja); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: BIOMACROMOLECULES **Volume:** 15 **Issue:** 7 **Pages:** 2426-2439 **DOI:** 10.1021/bm5002894 **Published:** JUL 2014

Accession Number: WOS:000339090500010

PubMed ID: 24873476

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Traeger, Anja	G-3862-2012	0000-0001-7734-2293
Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670

ISSN: 1525-7797

eISSN: 1526-4602

Record 111 of 301

Title: pH-Sensitive nano-systems for drug delivery in cancer therapy

Author(s): Liu, J (Liu, Juan); Huang, YR (Huang, Yuran); Kumar, A (Kumar, Anil); Tan, A (Tan, Aaron); Jin, SB (Jin, Shubin); Mozhi, A (Mozhi, Anbu); Liang, XJ (Liang, Xing-Jie)

Source: BIOTECHNOLOGY ADVANCES **Volume:** 32 **Issue:** 4 **Special Issue:** SI **Pages:** 693-710 **DOI:** 10.1016/j.biotechadv.2013.11.009 **Published:** JUL-AUG 2014

Accession Number: WOS:000338818300004

PubMed ID: 24309541

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kumar, Anil		0000-0001-5724-3060
Tan, Aaron		0000-0002-8935-0773

ISSN: 0734-9750

eISSN: 1873-1899

Record 112 of 301

Title: A novel nanoassembled doxorubicin prodrug with a high drug loading for anticancer drug delivery

Author(s): Xu, ZG (Xu, Zhigang); Zhang, KL (Zhang, Kelin); Hou, CL (Hou, Cuilan); Wang, DD (Wang, Dongdong); Liu, XY (Liu, Xiaoyan); Guan, XJ (Guan, Xiujuan); Zhang, XY (Zhang, Xiaoyu); Zhang, HX (Zhang, Haixia)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 2 **Issue:** 22 **Pages:** 3433-3437 **DOI:** 10.1039/c4tb00128a **Published:** JUN 14 2014

Accession Number: WOS:000336829400003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Zhigang	B-4370-2017	0000-0003-1805-5061

ISSN: 2050-750X

eISSN: 2050-7518

Record 113 of 301

Title: Multifunctional nanomicellar systems for delivering anticancer drugs

Author(s): Chen, YC (Chen, Yi-Chun); Lo, CL (Lo, Chun-Liang); Hsiue, GH (Hsiue, Ging-Ho)

Source: JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A **Volume:** 102 **Issue:** 6 **Pages:** 2024-2038 **DOI:** 10.1002/jbm.a.34850 **Published:** JUN 2014

Accession Number: WOS:000334488800041

PubMed ID: 23828850

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chen, Yi-Chun	O-8661-2017	0000-0002-5205-4006

ISSN: 1549-3296

eISSN: 1552-4965

Record 114 of 301

Title: Type 1 ribotoxin-curcun conjugated biogenic gold nanoparticles for a multimodal therapeutic approach towards brain cancer

Author(s): Mohamed, MS (Mohamed, M. Sheikh); Veerananarayanan, S (Veerananarayanan, Srivani); Poullose, AC (Poullose, Aby Cheruvathoor); Nagaoka, Y (Nagaoka, Yutaka); Minegishi, H (Minegishi, Hiroaki); Yoshida, Y (Yoshida, Yasuhiko); Maekawa, T (Maekawa, Toru); Kumar, DS (Kumar, D. Sakthi)

Source: BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS **Volume:** 1840 **Issue:** 6 **Pages:** 1657-1669 **DOI:** 10.1016/j.bbagen.2013.12.020 **Published:** JUN 2014

Accession Number: WOS:000336012700006

PubMed ID: 24361614

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kumar, Sakthi		0000-0003-4624-7327
CHERUVATHOOR POULOSE, ABY		0000-0002-4547-3931

ISSN: 0304-4165

eISSN: 1872-8006

Record 115 of 301

Title: Synthesis of new N,N'-bis[1-aryl-3-(piperidine-1-yl)propylidene]hydrazine dihydrochlorides and evaluation of their cytotoxicity against human hepatoma and breast cancer cells

Author(s): Kucukoglu, K (Kucukoglu, Kaan); Gul, HI (Gul, H. Inci); Cetin-Atalay, R (Cetin-Atalay, Rengul); Baratlí, Y (Baratlí, Yosra);

Charles, AL (Charles, Anne-Laure); Sukuroglu, M (Sukuroglu, Murat); Gul, M (Gul, Mustafa); Geny, B (Geny, Bernard)

Source: JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY **Volume:** 29 **Issue:** 3 **Pages:** 420-426 **DOI:** 10.3109/14756366.2013.795562 **Published:** JUN 2014

Accession Number: WOS:000336311600016

PubMed ID: 23859151

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
gul, mustafa	G-5842-2011	0000-0002-0042-890X
Cetin-Atalay, Rengul F-5780-2013		0000-0003-2408-6606
Cetin-Atalay, Rengul O-9826-2014		0000-0003-2408-6606
Gul, Halise Inci		0000-0001-6164-9602

ISSN: 1475-6366

eISSN: 1475-6374

Record 116 of 301

Title: Acidity-Promoted Cellular Uptake and Drug Release Mediated by Amine-Functionalized Block Polycarbonates Prepared via One-Shot Ring-Opening Copolymerization

Author(s): Wang, HF (Wang, Hua-Fen); Jia, HZ (Jia, Hui-Zhen); Chu, YF (Chu, Yan-Feng); Feng, J (Feng, Jun); Zhang, XZ (Zhang, Xian-Zheng); Zhuo, RX (Zhuo, Ren-Xi)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 14 **Issue:** 4 **Pages:** 526-536 **DOI:** 10.1002/mabi.201300414 **Published:** APR 2014

Accession Number: WOS:000334346400008

PubMed ID: 24273081

ISSN: 1616-5187

eISSN: 1616-5195

Record 117 of 301

Title: Advanced drug delivery systems: Nanotechnology of health design A review

Author(s): Safari, J (Safari, Javad); Zarnegar, Z (Zarnegar, Zohre)

Source: JOURNAL OF SAUDI CHEMICAL SOCIETY **Volume:** 18 **Issue:** 2 **Pages:** 85-99 **DOI:** 10.1016/j.jscs.2012.12.009 **Published:** APR 2014

Accession Number: WOS:000332409500001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Safari, Javad L-5980-2019		
safari, javad E-1582-2019		0000-0002-1245-6860

ISSN: 1319-6103

eISSN: 2212-4640

Record 118 of 301

Title: Synthesis of Pluronic (R) F127-poly (methyl vinyl ether-alt-maleic acid) copolymer and production of its micelles for doxorubicin delivery in breast cancer

Author(s): Varshosaz, J (Varshosaz, J.); Hassanzadeh, F (Hassanzadeh, F.); Sadeghi-aliabadi, H (Sadeghi-aliabadi, H.); Larian, Z (Larian, Z.); Rostami, M (Rostami, M.)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 240 **Pages:** 133-146 **DOI:** 10.1016/j.cej.2013.11.086 **Published:** MAR 15 2014

Accession Number: WOS:000331782500016

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
hassanzadeh, Farshid	W-1961-2017	0000-0003-1100-9820
varshosaz, jaleh	V-6124-2017	
Sadeghi-Aliabad, Hojat	V-8764-2017	
Varshosaz, Jaleh	W-2290-2017	
Sadeghi-Aliabadi, Hojat		0000-0002-7260-0625

ISSN: 1385-8947

eISSN: 1873-3212

Record 119 of 301

Title: Doxorubicin-conjugated PLA-PEG-Folate based polymeric micelle for tumor-targeted delivery: Synthesis and in vitro evaluation

Author(s): Hami, Z (Hami, Zahra); Amini, M (Amini, Mohsen); Ghazi-Khansari, M (Ghazi-Khansari, Mahmoud); Rezayat, SM (Rezayat, Seyed Mehdi); Gilani, K (Gilani, Kambiz)

Source: DARU-JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 22 **Article Number:** 30 **DOI:** 10.1186/2008-2231-22-

30 **Published:** MAR 6 2014

Accession Number: WOS:000334620400001

PubMed ID: 24602477

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Hami, Zahra		0000-0001-6179-2812
Ghazi-Khansari, Mahmoud		0000-0001-9844-7529

ISSN: 1560-8115

Record 120 of 301

Title: pH- and Redox-Responsive Poly(ethylene glycol) and Cholesterol-Conjugated Poly(amido amine) s Based Micelles for Controlled Drug Delivery

Author(s): Cheng, WR (Cheng, Weiren); Kumar, JN (Kumar, Jatin N.); Zhang, Y (Zhang, Yong); Liu, Y (Liu, Ye)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 14 **Issue:** 3 **Pages:** 347-358 **DOI:** 10.1002/mabi.201300339 **Published:** MAR 2014

Accession Number: WOS:000332932200007

PubMed ID: 24106152

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhang, Yong F-2803-2010		
Kumar, Jatin I-4706-2013		0000-0003-1142-2148
Liu, Ye G-4875-2010		0000-0002-8473-6538

ISSN: 1616-5187

eISSN: 1616-5195

Record 121 of 301

Title: Dissipative Particle Dynamics Simulation on Paclitaxel Loaded PEO-PPO-PEO Block Copolymer Micelles

Author(s): Wang, ZG (Wang, Zhigao); Jiang, J (Jiang, Jie)

Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY **Volume:** 14 **Issue:** 3 **Pages:** 2644-2647 **DOI:** 10.1166/jnn.2014.8468 **Published:** MAR 2014

Accession Number: WOS:000331624700074

PubMed ID: 24745277

ISSN: 1533-4880

eISSN: 1533-4899

Record 122 of 301

Title: Micelles of enzymatically synthesized PEG-poly(amine-co-ester) block copolymers as pH-responsive nanocarriers for docetaxel delivery

Author(s): Zhang, XF (Zhang, Xiaofang); Liu, B (Liu, Bo); Yang, Z (Yang, Zhe); Zhang, C (Zhang, Chao); Li, H (Li, Hao); Luo, X (Luo, Xingen); Luo, HY (Luo, Huiyan); Gao, D (Gao, Di); Jiang, Q (Jiang, Qing); Liu, J (Liu, Jie); Jiang, ZZ (Jiang, Zhaozhong)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 115 **Pages:** 349-358 **DOI:** 10.1016/j.colsurfb.2013.12.029 **Published:** MAR 1 2014

Accession Number: WOS:000335101600047

PubMed ID: 24398083

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Hao Y-8684-2018		0000-0003-1744-1526
Zhang, Chao G-9707-2014		

ISSN: 0927-7765

eISSN: 1873-4367

Record 123 of 301

Title: pH-sensitive polymeric nanoparticles for tumor-targeting doxorubicin delivery: concept and recent advances

Author(s): Meng, FH (Meng, Fenghua); Zhong, YA (Zhong, Yinan); Cheng, R (Cheng, Ru); Deng, C (Deng, Chao); Zhong, ZY (Zhong, Zhiyuan)

Source: NANOMEDICINE **Volume:** 9 **Issue:** 3 **Pages:** 487-499 **DOI:** 10.2217/NNM.13.212 **Published:** MAR 2014

Accession Number: WOS:000334684400015

PubMed ID: 24746192

Author Identifiers:

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Cheng, Ru X-4322-2018 0000-0002-0879-5069
ISSN: 1743-5889
eISSN: 1748-6963

Record 124 of 301

Title: A Novel Route for Preparation of Multifunctional Polymeric Nanocarriers for Stimuli-Triggered Drug Release
Author(s): Kuo, CY (Kuo, Chih-Yu); Wang, YC (Wang, Yu-Cheng); Lee, CF (Lee, Chia-Fen); Chiu, WY (Chiu, Wen-Yen)
Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 52 **Issue:** 4 **Pages:** 561-571 **DOI:** 10.1002/pola.27033 **Published:** FEB 15 2014
Accession Number: WOS:000329171900014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
CHIU, WEN-YEN		0000-0001-5110-0392

ISSN: 0887-624X

eISSN: 1099-0518

Record 125 of 301

Title: Selective Delivery of Oxaliplatin to Tumor Tissue by Nanocarrier System Enhances Overall Therapeutic Efficacy of the Encapsulated Oxaliplatin
Author(s): Abu Lila, AS (Abu Lila, Amr Selim); Kiwada, H (Kiwada, Hiroshi); Ishida, T (Ishida, Tatsuhiko)
Source: BIOLOGICAL & PHARMACEUTICAL BULLETIN **Volume:** 37 **Issue:** 2 **Pages:** 206-211 **DOI:** 10.1248/bpb.b13-00540 **Published:** FEB 2014

Accession Number: WOS:000330497100005

PubMed ID: 24492717

Author Identifiers:

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Abu Lila, Amr C-1889-2017		
Abu Lila, Amr Q-7311-2019		
Abu Lila, Amr		0000-0001-7385-868X

ISSN: 0918-6158

Record 126 of 301

Title: Magnetic Resonance Imaging-Visible and pH-Sensitive Polymeric Micelles for Tumor Targeted Drug Delivery
Author(s): Zhang, ZQ (Zhang, Zuoquan); Sun, QQ (Sun, Qiquan); Zhong, JL (Zhong, Jinglian); Yang, QH (Yang, Qihua); Li, H (Li, Hao); Cheng, D (Cheng, Du); Liang, BL (Liang, Biling); Shuai, XT (Shuai, Xintao)
Source: JOURNAL OF BIOMEDICAL NANOTECHNOLOGY **Volume:** 10 **Issue:** 2 **Pages:** 216-226 **DOI:** 10.1166/jbn.2014.1729 **Published:** FEB 2014

Accession Number: WOS:000327496500003

PubMed ID: 24738330

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Hao	Y-8684-2018	0000-0003-1744-1526
Shuai, Xintao	C-5819-2008	0000-0003-4271-0310
Cheng, Du		0000-0001-5105-7777

ISSN: 1550-7033

eISSN: 1550-7041

Record 127 of 301

Title: A pH-responsive prodrug for real-time drug release monitoring and targeted cancer therapy
Author(s): Li, SY (Li, Shi-Ying); Liu, LH (Liu, Li-Han); Jia, HZ (Jia, Hui-Zhen); Qiu, WX (Qiu, Wen-Xiu); Rong, L (Rong, Lei); Cheng, H (Cheng, Hong); Zhang, XZ (Zhang, Xian-Zheng)
Source: CHEMICAL COMMUNICATIONS **Volume:** 50 **Issue:** 80 **Pages:** 11852-11855 **DOI:** 10.1039/c4cc05008h **Published:** 2014
Accession Number: WOS:000342201700015

PubMed ID: 25145493

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Shi-Ying	U-8712-2017	0000-0002-4594-5142

ISSN: 1359-7345

eISSN: 1364-548X

Record 128 of 301

Title: The application of EDTA in drug delivery systems: doxorubicin liposomes loaded via NH₄EDTA gradient

Author(s): Song, YZ (Song, Yanzhi); Huang, ZJ (Huang, Zhenjun); Song, Y (Song, Yang); Tian, QJ (Tian, Qingjing); Liu, XR (Liu, Xinrong); She, ZN (She, Zhenan); Jiao, J (Jiao, Jiao); Lu, E (Lu, Eliza); Deng, YH (Deng, Yihui)

Source: INTERNATIONAL JOURNAL OF NANOMEDICINE **Volume:** 9 **Pages:** 3611-3621 **DOI:** 10.2147/IJN.S64602 **Published:** 2014

Accession Number: WOS:000339852400004

PubMed ID: 25120359

ISSN: 1178-2013

Record 129 of 301

Title: Synthesis of Thermoresponsive Polymers for Drug Delivery

Author(s): Mishra, S (Mishra, Sushil); De, A (De, Arnab); Mozumdar, S (Mozumdar, Subho)

Edited by: Jain KK

Source: DRUG DELIVERY SYSTEM, 2ND EDITION **Book Series:** Methods in Molecular Biology **Volume:** 1141 **Pages:** 77-101 **DOI:** 10.1007/978-1-4939-0363-4_4 **Published:** 2014

Accession Number: WOS:000333982900005

PubMed ID: 24567132

ISSN: 1064-3745

ISBN: 978-1-4939-0363-4; 978-1-4939-0362-7

Book DOI: 10.1007/978-1-4939-0363-4

Record 130 of 301

Title: Synthesis of a Smart Nanovehicle for Targeting Liver

Author(s): De, A (De, Arnab); Mishra, S (Mishra, Sushil); Garg, S (Garg, Seema); Mozumdar, S (Mozumdar, Subho)

Edited by: Jain KK

Source: DRUG DELIVERY SYSTEM, 2ND EDITION **Book Series:** Methods in Molecular Biology **Volume:** 1141 **Pages:** 211-232 **DOI:** 10.1007/978-1-4939-0363-4_14 **Published:** 2014

Accession Number: WOS:000333982900015

PubMed ID: 24567142

ISSN: 1064-3745

ISBN: 978-1-4939-0363-4; 978-1-4939-0362-7

Book DOI: 10.1007/978-1-4939-0363-4

Record 131 of 301

Title: Potential of pH-sensitive polymer-anchored cationic liposomes for combinatorial anticancer therapy with doxorubicin and siRNA

Author(s): Jeong, UH (Jeong, U. -H.); Garripelli, VK (Garripelli, V. K.); Jo, S (Jo, S.); Myung, CS (Myung, C. -S.); Hwang, SJ (Hwang, S. -J.); Kim, JK (Kim, J. -K.); Park, JS (Park, J. -S.)

Source: JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY **Volume:** 24 **Issue:** 1 **Pages:** 27-32 **DOI:** 10.1016/S1773-2247(14)50004-4 **Published:** 2014

Accession Number: WOS:000339928700004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Park, Jeong-Sook		0000-0002-4081-213X
Myung, Chang-Seon		0000-0002-6292-2911

ISSN: 1773-2247

Record 132 of 301

Title: Endosomal Escape: A Bottleneck in Intracellular Delivery

Author(s): Shete, HK (Shete, Harshad K.); Prabhu, RH (Prabhu, Rashmi H.); Patravale, VB (Patravale, Vandana B.)

Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY **Volume:** 14 **Issue:** 1 **Pages:** 460-474 **DOI:** 10.1166/jnn.2014.9082 **Published:** JAN 2014

Accession Number: WOS:000331803900027

PubMed ID: 24730275

ISSN: 1533-4880

eISSN: 1533-4899

Record 133 of 301

Title: Poly(ethylene oxide) (PEO)-based ABC triblock terpolymers - synthetic complexity vs. application benefits

Author(s): Barthel, MJ (Barthel, Markus J.); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 8 **Pages:** 2647-2662 **DOI:** 10.1039/c3py01666h **Published:** 2014

Accession Number: WOS:000333122600001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

ISSN: 1759-9954

eISSN: 1759-9962

Record 134 of 301

Title: Solution self-assembly of poly(ethylene oxide)-block-poly(furfuryl glycidyl ether)-block-poly(allyl glycidyl ether) based triblock terpolymers: a field-flow fractionation study

Author(s): Wagner, M (Wagner, Michael); Barthel, MJ (Barthel, Markus J.); Freund, RRA (Freund, Robert R. A.); Hoeppener, S (Hoeppener, Stephanie); Traeger, A (Traeger, Anja); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 24 **Pages:** 6943-6956 **DOI:** 10.1039/c4py00863d **Published:** 2014

Accession Number: WOS:000345066300009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Traeger, Anja	G-3862-2012	0000-0001-7734-2293
Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Freund, Robert Reinhold Adolf		0000-0001-5771-3237

ISSN: 1759-9954

eISSN: 1759-9962

Record 135 of 301

Title: pH-responsive flower-like micelles constructed via oxime linkage for anticancer drug delivery

Author(s): Liu, B (Liu, Bing); Chen, HY (Chen, Hongying); Li, X (Li, Xiao); Zhao, CN (Zhao, Chaonan); Liu, YK (Liu, Yakun); Zhu, LJ (Zhu, Lijuan); Deng, HP (Deng, Hongping); Li, JC (Li, Jichen); Li, GL (Li, Guolin); Guo, FL (Guo, Fulin); Zhu, XY (Zhu, Xinyuan)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 90 **Pages:** 48943-48951 **DOI:** 10.1039/c4ra08719d **Published:** 2014

Accession Number: WOS:000343711000024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
DENG, HONGPING		0000-0003-1154-8656

ISSN: 2046-2069

Record 136 of 301

Title: Multifunctional nanomedicine platform for concurrent delivery of chemotherapeutic drugs and mild hyperthermia to ovarian cancer cells

Author(s): Taratula, O (Taratula, Olena); Dani, RK (Dani, Raj Kumar); Schumann, C (Schumann, Canan); Xu, H (Xu, Hong); Wang, A (Wang, Andrew); Song, H (Song, Han); Dhagat, P (Dhagat, Pallavi); Taratula, O (Taratula, Oleh)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 458 **Issue:** 1 **Pages:** 169-180 **DOI:** 10.1016/j.ijpharm.2013.09.032 **Published:** DEC 15 2013

Accession Number: WOS:000326983000022

PubMed ID: 24091153

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Dani, Dr. Raj Kumar		0000-0003-2191-8366

ISSN: 0378-5173

eISSN: 1873-3476

Record 137 of 301

Title: Partitioning of doxorubicin into Langmuir and Langmuir-Blodgett biomimetic mixed monolayers: Electrochemical and spectroscopic studies

Author(s): Nieciecka, D (Nieciecka, Dorota); Krolikowska, A (Krolikowska, Agata); Joniec, A (Joniec, Aleksandra); Krysinski, P (Krysinski, Pawel)

Source: JOURNAL OF ELECTROANALYTICAL CHEMISTRY **Volume:** 710 **Special Issue:** SI **Pages:** 59-69 **DOI:**

10.1016/j.jelechem.2013.03.004 **Published:** DEC 1 2013

Accession Number: WOS:000330013900010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Krolikowska, Agata	D-9594-2014	0000-0001-7245-2709

ISSN: 1572-6657

eISSN: 1873-2569

Record 138 of 301

Title: A new kind of polyion complex nanoparticles and the covalent drug-loading pattern for doxorubicin and pH-controlled release

Author(s): Cai, H (Cai, Hong); Ni, CH (Ni, Caihua); Yao, BL (Yao, Bolong); Zhang, LP (Zhang, Liping); Zhu, CP (Zhu, Changping)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 291 **Issue:** 12 **Pages:** 2843-2850 **DOI:** 10.1007/s00396-013-3031-9 **Published:** DEC 2013

Accession Number: WOS:000327124800011

ISSN: 0303-402X

eISSN: 1435-1536

Record 139 of 301

Title: Folate-modified poly(2-ethyl-2-oxazoline) as hydrophilic corona in polymeric micelles for enhanced intracellular doxorubicin delivery

Author(s): Qiu, LY (Qiu, Li-Yan); Yan, L (Yan, Lu); Zhang, L (Zhang, Lu); Jin, YM (Jin, Yang-Min); Zhao, QH (Zhao, Qing-He)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 456 **Issue:** 2 **Pages:** 315-324 **DOI:** 10.1016/j.ijpharm.2013.08.071 **Published:** NOV 18 2013

Accession Number: WOS:000325644600007

PubMed ID: 24016742

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ahmed, Mukhtar G	-7346-2012	0000-0002-7223-5541

ISSN: 0378-5173

eISSN: 1873-3476

Record 140 of 301

Title: A galactomannan polysaccharide from Punica granatum imparts in vitro and in vivo anticancer activity

Author(s): Joseph, MM (Joseph, Manu M.); Aravind, SR (Aravind, S. R.); George, SK (George, Suraj K.); Varghese, S (Varghese, Sheeja); Sreelekha, TT (Sreelekha, T. T.)

Source: CARBOHYDRATE POLYMERS **Volume:** 98 **Issue:** 2 **Pages:** 1466-1475 **DOI:** 10.1016/j.carbpol.2013.07.023 **Published:** NOV 6 2013

Accession Number: WOS:000326313600029

PubMed ID: 24053828

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Joseph, Manu		0000-0003-3647-7620

ISSN: 0144-8617

eISSN: 1879-1344

Record 141 of 301

Title: Design of pH responsive clickable prodrugs applied to histone deacetylase inhibitors: A new strategy for anticancer therapy

Author(s): Delatouche, R (Delatouche, Regis); Denis, I (Denis, Iza); Grinda, M (Grinda, Marion); El Bahhaj, F (El Bahhaj, Fatima); Baucher, E (Baucher, Estelle); Collette, F (Collette, Floraine); Heroguez, V (Heroguez, Valerie); Gregoire, M (Gregoire, Marc); Blanquart, C (Blanquart, Christophe); Bertrand, P (Bertrand, Philippe)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS **Volume:** 85 **Issue:** 3 **Pages:** 862-872 **DOI:** 10.1016/j.ejpb.2013.03.006 **Part:** B **Published:** NOV 2013

Accession Number: WOS:000330200800006

PubMed ID: 23537575

Author Identifiers:

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GREGOIRE, Marc	G-2867-2013	0000-0003-3868-0198
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Denis, Iza		0000-0002-2882-4306

ISSN: 0939-6411

eISSN: 1873-3441

Record 142 of 301

Title: Cyclodextrin Derivatives Conjugated with Aromatic Moieties as pH-responsive Drug Carriers for Anthracycline

Author(s): Swiech, O (Swiech, Olga); Dutkiewicz, P (Dutkiewicz, Paula); Wojciuk, K (Wojciuk, Karolina); Chmurski, K (Chmurski, Kazimierz); Kruszewski, M (Kruszewski, Marcin); Bilewicz, R (Bilewicz, Renata)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 117 **Issue:** 43 **Pages:** 13444-13450 **DOI:** 10.1021/jp4060632 **Published:** OCT 31 2013

Accession Number: WOS:000326608500005

PubMed ID: 24079546

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kruszewski, Marcin	S-6095-2018	0000-0003-4554-8566

ISSN: 1520-6106

eISSN: 1520-5207

Record 143 of 301

Title: Synthesis and micellization of a pH-sensitive diblock copolymer for drug delivery

Author(s): Koutroumanis, KP (Koutroumanis, Konstantinos P.); Holdich, RG (Holdich, Richard G.); Georgiadou, S (Georgiadou, Stella)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 455 **Issue:** 1-2 **Pages:** 5-13 **DOI:** 10.1016/j.ijpharm.2013.06.071 **Published:** OCT 15 2013

Accession Number: WOS:000324522100002

PubMed ID: 23850624

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Georgiadou, Stella		0000-0002-8412-4160

ISSN: 0378-5173

Record 144 of 301

Title: Controlled Microstructuring of Janus Particles Based on a Multifunctional Poly(ethylene glycol)

Author(s): Sokolovskaya, E (Sokolovskaya, Ekaterina); Yoon, J (Yoon, Jaewon); Misra, AC (Misra, Asish C.); Brase, S (Braese, Stefan); Lahann, J (Lahann, Joerg)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 34 **Issue:** 19 **Pages:** 1554-1559 **DOI:** 10.1002/marc.201300427 **Published:** OCT 2013

Accession Number: WOS:000325873900011

PubMed ID: 23982931

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lahann, Joerg	J-7663-2013	
Brase, Stefan	B-9057-2008	0000-0003-4845-3191

ISSN: 1022-1336

eISSN: 1521-3927

Record 145 of 301

Title: Fine tuning of the pH-dependent drug release rate from polyHPMA-ellipticinium conjugates

Author(s): Sedlacek, O (Sedlacek, Ondrej); Studenovsky, M (Studenovsky, Martin); Vetvicka, D (Vetvicka, David); Ulbrich, K (Ulbrich, Karel); Hruby, M (Hruby, Martin)

Source: BIOORGANIC & MEDICINAL CHEMISTRY **Volume:** 21 **Issue:** 18 **Pages:** 5669-5672 **DOI:** 10.1016/j.bmc.2013.07.038 **Published:** SEP 15 2013

Accession Number: WOS:000323803900002

PubMed ID: 23941688

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Studenovsky, Martin	H-4627-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0968-0896

eISSN: 1464-3391

Record 146 of 301

Title: Specific internalization and synergistic anticancer effect of docetaxel-encapsulated chitosan-modified polymeric nanocarriers: a novel approach in cancer chemotherapy

Author(s): Asthana, S (Asthana, Shalini); Gupta, PK (Gupta, Pramod K.); Konwar, R (Konwar, Rituraj); Chourasia, MK (Chourasia, Manish K.)

Source: JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 15 **Issue:** 9 **Article Number:** UNSP 1864 **DOI:** 10.1007/s11051-013-1864-2 **Published:** SEP 2013

Accession Number: WOS:000324370200007

ISSN: 1388-0764

eISSN: 1572-896X

Record 147 of 301

Title: Polymeric biomaterials with engineered degradation

Author(s): Deshayes, S (Deshayes, Stephanie); Kasko, AM (Kasko, Andrea M.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 51 **Issue:** 17 **Pages:** 3531-3566 **DOI:** 10.1002/pola.26765 **Published:** SEP 1 2013

Accession Number: WOS:000322010800001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Deshayes, Stephanie		0000-0002-7306-0077

ISSN: 0887-624X

eISSN: 1099-0518

Record 148 of 301

Title: Comparison between the effects of ultrasonic and thermal stimulation on release of internal hydrophobic dyes from Pluronic micelles

Author(s): Kobayashi, D (Kobayashi, Daisuke); Karasawa, M (Karasawa, Masahiro); Takahashi, T (Takahashi, Tomoki); Otake, K (Otake, Katsuto); Shono, A (Shono, Atsushi)

Source: CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION **Volume:** 70 **Pages:** 198-203 **DOI:** 10.1016/j.cep.2013.04.002 **Published:** AUG 2013

Accession Number: WOS:000323994300022

ISSN: 0255-2701

eISSN: 1873-3204

Record 149 of 301

Title: THE PROGRESS PROGRESS AND EXPECTATION OF POLYMER PHARMACY

Author(s): Hu, XL (Hu, Xiu-li); Xie, ZG (Xie, Zhi-gang); Huang, YB (Huang, Yu-bin); Jing, XB (Jing, Xia-bin)

Source: ACTA POLYMERICA SINICA **Issue:** 6 **Pages:** 733-749 **DOI:** 10.3724/SP.J.1105.2013.13001 **Published:** JUN 20 2013

Accession Number: WOS:000320297500003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xie, Zhigang	E-6501-2010	0000-0003-2974-1825

ISSN: 1000-3304

Record 150 of 301

Title: Nanosized micelles self-assembled from amphiphilic poly(citric acid)-poly(epsilon-caprolactone)-poly(citric acid) copolymers

Author(s): Gheybi, H (Gheybi, Homa); Entezami, AA (Entezami, Ali Akbar)

Source: POLYMER BULLETIN **Volume:** 70 **Issue:** 6 **Pages:** 1875-1894 **DOI:** 10.1007/s00289-012-0885-9 **Published:** JUN 2013

Accession Number: WOS:000318712500012

ISSN: 0170-0839

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Title: Biocompatibility, absorption and safety of protein nanoparticle-based delivery of doxorubicin through oral administration in rats

Author(s): Golla, K (Golla, Kishore); Reddy, PS (Reddy, Palakolanu S.); Bhaskar, C (Bhaskar, C.); Kondapi, AK (Kondapi, Anand K.)

Source: DRUG DELIVERY **Volume:** 20 **Issue:** 3-4 **Pages:** 156-167 **DOI:** 10.3109/10717544.2013.801051 **Published:** APR-MAY 2013

Accession Number: WOS:000320263000008

PubMed ID: 23730724

Record 152 of 301

Title: Preparation and self-assembly of double hydrophilic poly(ethylene phosphate)-block-poly[2-(succinyloxy)ethyl methacrylate] diblock copolymers for drug delivery

Author(s): Bian, J (Bian, Jiao); Zhang, MZ (Zhang, Mingzu); He, JL (He, Jinlin); Ni, PH (Ni, Peihong)

Source: REACTIVE & FUNCTIONAL POLYMERS **Volume:** 73 **Issue:** 3 **Pages:** 579-587 **DOI:** 10.1016/j.reactfunctpolym.2012.12.010 **Published:** MAR 2013

Accession Number: WOS:000316512000019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
He, Jinlin	B-1791-2012	0000-0003-3533-2905

ISSN: 1381-5148

Record 153 of 301

Title: Design and development of polymeric micelles with cleavable links for intracellular drug delivery

Author(s): Wei, H (Wei, Hua); Zhuo, RX (Zhuo, Ren-Xi); Zhang, XZ (Zhang, Xian-Zheng)

Source: PROGRESS IN POLYMER SCIENCE **Volume:** 38 **Issue:** 3-4 **Pages:** 503-535 **DOI:** 10.1016/j.progpolymsci.2012.07.002 **Published:** MAR-APR 2013

Accession Number: WOS:000316521400004

ISSN: 0079-6700

Record 154 of 301

Title: Dual-Responsive Breakdown of Nanostructures with High Doxorubicin Payload for Apoptotic Anticancer Therapy

Author(s): Yoon, S (Yoon, Sujin); Kim, WJ (Kim, Woo Jin); Yoo, HS (Yoo, Hyuk Sang)

Source: SMALL **Volume:** 9 **Issue:** 2 **Pages:** 284-293 **DOI:** 10.1002/sml.201200997 **Published:** JAN 28 2013

Accession Number: WOS:000313833800018

PubMed ID: 22930531

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
yoo, hyuksang		0000-0002-4346-9154

ISSN: 1613-6810

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Record 155 of 301

Title: Physiologically relevant, pH-responsive PEG-based block and statistical copolymers with N,N-diisopropylamine units

Author(s): Lee, A (Lee, Annabelle); Lundberg, P (Lundberg, Pontus); Klinger, D (Klinger, Daniel); Lee, BF (Lee, Bongjae F.); Hawker, CJ (Hawker, Craig J.); Lynd, NA (Lynd, Nathaniel A.)

Source: POLYMER CHEMISTRY **Volume:** 4 **Issue:** 24 **Pages:** 5735-5742 **DOI:** 10.1039/c3py00747b **Published:** 2013

Accession Number: WOS:000327668300003

PubMed ID: 25484931

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Klinger, Daniel		0000-0002-8876-5088

ISSN: 1759-9954

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Record 156 of 301

Title: AC-electrokinetic manipulation and controlled encapsulate release of surfactant based micelles

Author(s): Goodrich, VE (Goodrich, Victoria E.); Connor, E (Connor, Erin); Wang, SQ (Wang, Shengqin); Yang, JF (Yang, Jingfa); Zhao, J (Zhao, Jiang); Zhu, YX (Zhu, Yingxi)

Source: SOFT MATTER **Volume:** 9 **Issue:** 20 **Pages:** 5052-5060 **DOI:** 10.1039/c3sm00014a **Published:** 2013

Accession Number: WOS:000318360100013

ISSN: 1744-683X

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Record 157 of 301

Title: A Drug-Delivery Vehicle Combining the Targeting and Thermal Ablation of HER2+Breast-Cancer Cells with Triggered Drug Release

Author(s): You, JO (You, Jin-Oh); Guo, P (Guo, Peng); Auguste, DT (Auguste, Debra T.)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 52 **Issue:** 15 **Pages:** 4141-4146 **DOI:** 10.1002/anie.201209804 **Published:** 2013

Accession Number: WOS:000317064600011

PubMed ID: 23494862

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Guo, Peng L	1689-2013	0000-0003-1689-5622

ISSN: 1433-7851

Record 158 of 301

Title: Self-assembling doxorubicin prodrug forming nanoparticles for cancer chemotherapy: synthesis and anticancer study in vitro and in vivo

Author(s): Gou, PF (Gou, Pengfei); Liu, WW (Liu, Wenwen); Mao, WW (Mao, Weiwei); Tang, JB (Tang, Jianbin); Shen, YQ (Shen, Youqing); Sui, MH (Sui, Meihua)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 1 **Issue:** 3 **Pages:** 284-292 **DOI:** 10.1039/c2tb00004k **Published:** 2013

Accession Number: WOS:000314787400004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shen, Youqing	E-6144-2011	0000-0003-1837-7976

ISSN: 2050-750X

eISSN: 2050-7518

Record 159 of 301

Title: Luteinizing-hormone-releasing-hormone-containing biodegradable polymer micelles for enhanced intracellular drug delivery

Author(s): Wang, R (Wang, Rui); Hu, XL (Hu, Xiuli); Yue, J (Yue, Jun); Zhang, WJ (Zhang, Wenjing); Cai, LY (Cai, Liying); Xie, ZG (Xie, Zhigang); Huang, YB (Huang, Yubin); Jing, XB (Jing, Xiabin)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 1 **Issue:** 3 **Pages:** 293-301 **DOI:** 10.1039/c2tb00072e **Published:** 2013

Accession Number: WOS:000314787400005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xie, Zhigang	E-6501-2010	0000-0003-2974-1825

ISSN: 2050-750X

eISSN: 2050-7518

Record 160 of 301

Title: Acid-degradable polymers for drug delivery: a decade of innovation

Author(s): Binauld, S (Binauld, Sandra); Stenzel, MH (Stenzel, Martina H.)

Source: CHEMICAL COMMUNICATIONS **Volume:** 49 **Issue:** 21 **Pages:** 2082-2102 **DOI:** 10.1039/c2cc36589h **Published:** 2013

Accession Number: WOS:000314893200001

PubMed ID: 23320254

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stenzel, Martina	B-8586-2008	0000-0002-6433-4419

ISSN: 1359-7345

Record 161 of 301

Title: Self assembled materials: design strategies and drug delivery perspectives

Author(s): Verma, G (Verma, Gunjan); Hassan, PA (Hassan, P. A.)

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS **Volume:** 15 **Issue:** 40 **Pages:** 17016-17028 **DOI:** 10.1039/c3cp51207j **Published:** 2013

Accession Number: WOS:000325398500002

PubMed ID: 23907560

ISSN: 1463-9076

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Record 162 of 301

Title: Polymeric Nanoparticles for Targeted Delivery of Bioactive Agents and Drugs

Author(s): Errico, C (Errico, Cesare); Dessy, A (Dessy, Alberto); Piras, AM (Piras, Anna Maria); Chiellini, F (Chiellini, Federica)

Edited by: Popa V

Source: POLYMERIC BIOMATERIALS: STRUCTURE AND FUNCTION, VOL 1 **Pages:** 593-615 **Published:** 2013

Accession Number: WOS:000467563900018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chiellini, Federica	F-3233-2010	0000-0003-4680-9975

ISBN: 978-1-4200-9471-8; 978-1-4200-9470-1

Book DOI: 10.1201/b13757

Record 163 of 301

Title: Homo- and Diblock Copolymers of Poly(furfuryl glycidyl ether) by Living Anionic Polymerization: Toward Reversibly Core-Crosslinked Micelles

Author(s): Barthel, MJ (Barthel, Markus J.); Rudolph, T (Rudolph, Tobias); Crotty, S (Crotty, Sarah); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 50 **Issue:** 23 **Pages:** 4958-4965 **DOI:** 10.1002/pola.26327 **Published:** DEC 1 2012

Accession Number: WOS:000310539400020

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Rudolph, Tobias	C-4502-2012	0000-0001-9628-464X
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670

ISSN: 0887-624X

Record 164 of 301

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

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Record 165 of 301

Title: Biodegradable polymeric micelles for targeted and controlled anticancer drug delivery: Promises, progress and prospects

Author(s): Deng, C (Deng, Chao); Jiang, YJ (Jiang, Yanjiao); Cheng, R (Cheng, Ru); Meng, FH (Meng, Fenghua); Zhong, ZY (Zhong, Zhiyuan)

Source: NANO TODAY **Volume:** 7 **Issue:** 5 **Pages:** 467-480 **DOI:** 10.1016/j.nantod.2012.08.005 **Published:** OCT 2012

Accession Number: WOS:000310863200011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741

ISSN: 1748-0132

eISSN: 1878-044X

Record 166 of 301

Title: Adsorption behavior of plasmid DNA on binary self-assembled monolayers modified gold substrates

Author(s): Kao, WL (Kao, Wei-Lun); Chang, HY (Chang, Hsun-Yun); Yen, GJ (Yen, Guo-Ji); Kuo, DY (Kuo, Ding-Yuan); You, YW (You, Yun-Wen); Huang, CC (Huang, Chih-Chieh); Kuo, YT (Kuo, Yu-Ting); Lin, JH (Lin, Jiun-Hao); Shyue, JJ (Shyue, Jing-Jong)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 382 **Pages:** 97-104 **DOI:** 10.1016/j.jcis.2012.06.002 **Published:** SEP 15 2012

Accession Number: WOS:000307027600014

PubMed ID: 22762984

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
Shyue, Jing-Jong D-7222-2011

ISSN: 0021-9797

Record 167 of 301

Title: Doxorubicin-Conjugated Mesoporous Magnetic Colloidal Nanocrystal Clusters Stabilized by Polysaccharide as a Smart Anticancer Drug Vehicle

Author(s): Li, D (Li, Dian); Tang, J (Tang, Jing); Wei, C (Wei, Chuan); Guo, J (Guo, Jia); Wang, SL (Wang, Shilong); Chaudhary, D (Chaudhary, Deeptangshu); Wang, CC (Wang, Changchun)

Source: SMALL **Volume:** 8 **Issue:** 17 **Pages:** 2690-2697 **DOI:** 10.1002/sml.201200272 **Published:** SEP 10 2012

Accession Number: WOS:000308303600012

PubMed ID: 22674615

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
Guo, Jia D-4569-2016

ISSN: 1613-6810

eISSN: 1613-6829

Record 168 of 301

Title: Self-complexation and complexation-controlled target cancer therapy

Author(s): Li, L (Li, Li); Zhao, M (Zhao, Ming); Li, WH (Li, Wenhao); Wang, YJ (Wang, Yuji); Zhang, ZG (Zhang, Zhuge); An, R (An, Ran); Peng, SQ (Peng, Shiqi)

Source: MEDCHEMCOMM **Volume:** 3 **Issue:** 9 **Pages:** 1059-1061 **DOI:** 10.1039/c2md20003a **Published:** SEP 2012

Accession Number: WOS:000307902400003

ISSN: 2040-2503

eISSN: 2040-2511

Record 169 of 301

Title: A novel delivery system of doxorubicin with high load and pH-responsive release from the nanoparticles of poly (alpha,beta-aspartic acid) derivative

Author(s): Wang, XJ (Wang, Xiaojuan); Wu, GL (Wu, Guolin); Lu, CC (Lu, Caicai); Zhao, WP (Zhao, Weipeng); Wang, YN (Wang, Yinong); Fan, YG (Fan, Yunge); Gao, H (Gao, Hui); Ma, JB (Ma, Jianbiao)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 47 **Issue:** 1 **Pages:** 256-264 **DOI:** 10.1016/j.ejps.2012.04.007 **Published:** AUG 30 2012

Accession Number: WOS:000307696800028

PubMed ID: 22522116

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
Gao, Hui G-8400-2012 0000-0002-5009-9999

ISSN: 0928-0987

Record 170 of 301

Title: pH-Sensitive Polymeric Micelles for Programmable Drug and Gene Delivery

Author(s): Liu, ZH (Liu, Zhihong); Zhang, N (Zhang, Na)

Source: CURRENT PHARMACEUTICAL DESIGN **Volume:** 18 **Issue:** 23 **Pages:** 3442-3451 **DOI:** 10.2174/138161212801227122 **Published:** AUG 2012

Accession Number: WOS:000307868300013

PubMed ID: 22632817

ISSN: 1381-6128

Record 171 of 301

Title: Current development in nanoformulations of docetaxel

Author(s): Tan, Q (Tan, Qi); Liu, XJ (Liu, Xiuju); Fu, XY (Fu, Xinyu); Li, QL (Li, Qilu); Dou, JF (Dou, Jinfeng); Zhai, GX (Zhai, Guangxi)

Source: EXPERT OPINION ON DRUG DELIVERY **Volume:** 9 **Issue:** 8 **Pages:** 975-990 **DOI:** 10.1517/17425247.2012.696606 **Published:** AUG 2012

Accession Number: WOS:000306604000007

PubMed ID: 22703284

ISSN: 1742-5247
eISSN: 1744-7593

Record 172 of 301

Title: Bis-hydrophilic and functional triblock terpolymers based on polyethers: Synthesis and self-assembly in solution

Author(s): Barthel, MJ (Barthel, Markus J.); Babiuch, K (Babiuch, Krzysztof); Rudolph, T (Rudolph, Tobias); Vitz, J (Vitz, Jurgen); Hoeppener, S (Hoeppener, Stephanie); Gottschaldt, M (Gottschaldt, Michael); Hager, MD (Hager, Martin D.); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 50 **Issue:** 14 **Pages:** 2914-2923 **DOI:** 10.1002/pola.26072 **Published:** JUL 15 2012

Accession Number: WOS:000304813300019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Babiuch, Krzysztof	G-4792-2011	
Rudolph, Tobias	C-4502-2012	0000-0001-9628-464X
Hager, Martin	D-9084-2011	0000-0002-6373-6600
Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Vitz, Jurgen	D-1281-2011	0000-0001-8640-4898

ISSN: 0887-624X

Record 173 of 301

Title: Comparative cytotoxicity of gold-doxorubicin and InP-doxorubicin conjugates

Author(s): Zhang, X (Zhang, Xuan); Chibli, H (Chibli, Hicham); Kong, DK (Kong, Dekun); Nadeau, J (Nadeau, Jay)

Source: NANOTECHNOLOGY **Volume:** 23 **Issue:** 27 **Article Number:** 275103 **DOI:** 10.1088/0957-4484/23/27/275103 **Published:** JUL 11 2012

Accession Number: WOS:000305802000003

PubMed ID: 22710097

ISSN: 0957-4484

eISSN: 1361-6528

Record 174 of 301

Title: Micelle-like nanoassemblies based on polymer-drug conjugates as an emerging platform for drug delivery

Author(s): Liu, ZH (Liu, Zhihong); Wang, YT (Wang, Yutao); Zhang, N (Zhang, Na)

Source: EXPERT OPINION ON DRUG DELIVERY **Volume:** 9 **Issue:** 7 **Pages:** 805-822 **DOI:** 10.1517/17425247.2012.689284 **Published:** JUL 2012

Accession Number: WOS:000305478200007

PubMed ID: 22607499

ISSN: 1742-5247

eISSN: 1744-7593

Record 175 of 301

Title: Exploitation and utilization of template micelles: Novel absorbent-releaser of NO derived from as-synthesized mesoporous silica

Author(s): Lin, WG (Lin, Wei Gang); Wei, F (Wei, Feng); Hou, Q (Hou, Qian); Zhang, TY (Zhang, Tian Yuan); Wang, YK (Wang, Yi Kai); Zhu, JH (Zhu, Jian Hua)

Source: MICROPOROUS AND MESOPOROUS MATERIALS **Volume:** 156 **Pages:** 233-243 **DOI:** 10.1016/j.micromeso.2012.02.036 **Published:** JUL 1 2012

Accession Number: WOS:000303625200033

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhang, Tianyuan		0000-0001-9655-7927

ISSN: 1387-1811

Record 176 of 301

Title: A polymer-drug conjugate for doxorubicin: Synthesis and biological evaluation of pluronic F127-doxorubicin amide conjugates

Author(s): Gao, QH (Gao, Qihe); Han, XL (Han, Xuelian); Zhu, J (Zhu, Jin); Chen, RJ (Chen, Renjie); Sun, BW (Sun, Baiwang)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 124 **Issue:** 6 **Pages:** 4953-4960 **DOI:** 10.1002/app.35613 **Published:** JUN 15 2012

Accession Number: WOS:000301224500066

Record 177 of 301

Title: N,N-Diallylglycidylamine: A Key Monomer for Amino-Functional Poly(ethylene glycol) Architectures

Author(s): Reuss, VS (Reuss, Valerie S.); Obermeier, B (Obermeier, Boris); Dingels, C (Dingels, Carsten); Frey, H (Frey, Holger)

Source: MACROMOLECULES **Volume:** 45 **Issue:** 11 **Pages:** 4581-4589 **DOI:** 10.1021/ma300292m **Published:** JUN 12 2012

Accession Number: WOS:000305092200019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103

ISSN: 0024-9297

Record 178 of 301

Title: Multilayered Nanoparticles for Controlled Release of Paclitaxel Formed by Near-Critical Micellization of Triblock Copolymers

Author(s): Tyrrell, ZL (Tyrrell, Zachary L.); Shen, YG (Shen, Youging); Radosz, M (Radosz, Maciej)

Source: MACROMOLECULES **Volume:** 45 **Issue:** 11 **Pages:** 4809-4817 **DOI:** 10.1021/ma300271k **Published:** JUN 12 2012

Accession Number: WOS:000305092200045

ISSN: 0024-9297

Record 179 of 301

Title: High surface area sol-gel nano silica as a novel drug carrier substrate for sustained drug release

Author(s): Nampi, PP (Nampi, Padmaja Parameswaran); Mohan, VS (Mohan, Vinitha Sudha); Sinha, AK (Sinha, Anil Kumar); Varma, H (Varma, Harikrishna)

Source: MATERIALS RESEARCH BULLETIN **Volume:** 47 **Issue:** 6 **Pages:** 1379-1384 **DOI:** 10.1016/j.materresbull.2012.03.003 **Published:** JUN 2012

Accession Number: WOS:000304384100016

ISSN: 0025-5408

eISSN: 1873-4227

Record 180 of 301

Title: Revisiting the time for removing the unloaded drug by dialysis method based on a biocompatible and biodegradable polymer vesicle

Author(s): Sun, L (Sun, Liang); Du, JZ (Du, Jianzhong)

Source: POLYMER **Volume:** 53 **Issue:** 10 **Pages:** 2068-2073 **DOI:** 10.1016/j.polymer.2012.03.016 **Published:** APR 25 2012

Accession Number: WOS:000304214500013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Du, Jianzhong	E-5399-2010	0000-0003-1889-5669

ISSN: 0032-3861

Record 181 of 301

Title: Hydrolytically Degradable Polymer Micelles for Anticancer Drug Delivery to Solid Tumors

Author(s): Chytil, P (Chytil, Petr); Etrych, T (Etrych, Tomas); Kostka, L (Kostka, Libor); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 213 **Issue:** 8 **Special Issue:** SI **Pages:** 858-867 **DOI:** 10.1002/macp.201100632 **Published:** APR 23 2012

Accession Number: WOS:000302912300008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Chytil, Petr	G-9853-2014	
Ulbrich, Karel	G-5145-2014	
Kostka, Libor	H-4182-2014	0000-0002-7770-1855
Kostka, Libor	O-4694-2019	0000-0002-7770-1855

ISSN: 1022-1352

Record 182 of 301

Title: Synthesis and characterization of poly(ethylene glycol)-b-poly(L-histidine)-b-poly(L-lactide) with pH-sensitivity

Author(s): Liu, R (Liu, Rong); He, B (He, Bin); Li, D (Li, Dong); Lai, YS (Lai, Yusi); Tang, JZ (Tang, James Z.); Gu, ZW (Gu, Zhongwei)

Source: POLYMER **Volume:** 53 **Issue:** 7 **Pages:** 1473-1482 **DOI:** 10.1016/j.polymer.2012.02.013 **Published:** MAR 22 2012

Accession Number: WOS:000301911800006

ISSN: 0032-3861

Record 183 of 301

Title: The effect of a P123 template in mesopores of mesocellular foam on the controlled-release of venlafaxine

Author(s): Tang, J (Tang, Jing); Bian, ZJ (Bian, Zijun); Hu, J (Hu, Jun); Xu, SH (Xu, Shouhong); Liu, HL (Liu, Honglai)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 424 **Issue:** 1-2 **Pages:** 89-97 **DOI:** 10.1016/j.ijpharm.2011.12.048 **Published:** MAR 15 2012

Accession Number: WOS:000301906300012

PubMed ID: 22226880

ISSN: 0378-5173

eISSN: 1873-3476

Record 184 of 301

Title: Deoxycholate-Chitosan Nanospheres Fabricated by gamma-Irradiation and Chemical Modification: Nanoscale Synthesis and Controlled Studies

Author(s): Pasanphan, W (Pasanphan, Wanvimol); Choofong, S (Choofong, Surakarn); Rimdusit, P (Rimdusit, Pakjira)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 123 **Issue:** 6 **Pages:** 3309-3320 **DOI:** 10.1002/app.34919 **Published:** MAR 15 2012

Accession Number: WOS:000298086500016

ISSN: 0021-8995

eISSN: 1097-4628

Record 185 of 301

Title: A smart micellar system with an amine-containing polycarbonate shell

Author(s): Wang, HF (Wang, Hua-Fen); Luo, XH (Luo, Xiao-Hua); Liu, CW (Liu, Chen-Wei); Feng, J (Feng, Jun); Zhang, XZ (Zhang, Xian-Zheng); Zhuo, RX (Zhuo, Ren-Xi)

Source: ACTA BIOMATERIALIA **Volume:** 8 **Issue:** 2 **Pages:** 589-598 **DOI:** 10.1016/j.actbio.2011.08.030 **Published:** FEB 2012

Accession Number: WOS:000301081400013

PubMed ID: 21925625

ISSN: 1742-7061

Record 186 of 301

Title: SYNTHESIS OF FOLATE RECEPTOR-TARGETED AND DOXORUBICIN-COUPLED CHEMOTHERAPEUTIC NANOCONJUGATE AND RESEARCH INTO ITS MEDICAL APPLICATIONS

Author(s): Ak, G (Ak, Guliz); Sanlier, SH (Sanlier, Senay Hamarat)

Source: PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY **Volume:** 42 **Issue:** 6 **Pages:** 551-563 **DOI:** 10.1080/10826068.2012.662926 **Published:** 2012

Accession Number: WOS:000309704800004

PubMed ID: 23030466

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
ak, Guliz M	2796-2018	0000-0001-9613-6348

ISSN: 1082-6068

eISSN: 1532-2297

Record 187 of 301

Title: Mechanophysical-Chemotherapy Combinations: A Dual Approach to Combat Cancer

Author(s): Vasudev, SS (Vasudev, Suruchi S.); Ahmad, FJ (Ahmad, Farhan Jalees); Talegaonkar, S (Talegaonkar, Sushama); Parveen, R (Parveen, Rabea); Iqbal, Z (Iqbal, Zeenat)

Source: CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS **Volume:** 29 **Issue:** 3 **Pages:** 219-264 **DOI:** 10.1615/CritRevTherDrugCarrierSyst.v29.i3.20 **Published:** 2012

Accession Number: WOS:000305713100002

PubMed ID: 22577958

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Talegaonkar, Sushama B	9752-2018	
Ahmad, Farhan		0000-0002-0740-8573
Talegaonkar, Sushama		0000-0001-5301-5298

ISSN: 0743-4863

eISSN: 2162-660X

Record 188 of 301

Title: Norbornene Derived Doxorubicin Copolymers as Drug Carriers with pH Responsive Hydrazone Linker

Author(s): Rao, NV (Rao, Vijayakameswara N.); Mane, SR (Mane, Shivshankar R.); Kishore, A (Kishore, Abhinoy); Das Sarma, J (Das Sarma, Jayasri); Shunmugam, R (Shunmugam, Raja)

Source: BIOMACROMOLECULES **Volume:** 13 **Issue:** 1 **Pages:** 221-230 **DOI:** 10.1021/bm201478k **Published:** JAN 2012

Accession Number: WOS:000298897300026

PubMed ID: 22107051

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kishore, Abhinoy		0000-0002-3726-8567

ISSN: 1525-7797

eISSN: 1526-4602

Record 189 of 301

Title: pH-Triggered Micelles for Tumor Delivery

Author(s): Yin, HQ (Yin, Haiqing); Bae, YH (Bae, You Han)

Edited by: Kratz F; Senter P; Steinhagen H

Source: DRUG DELIVERY IN ONCOLOGY: FROM BASIC RESEARCH TO CANCER THERAPY, VOLS 1-3 **Pages:** 1099-1131 **Published:** 2012

Accession Number: WOS:000338009100037

ISBN: 978-3-527-32823-9

Record 190 of 301

Title: Functional PEG-based polymers with reactive groups via anionic ROP of tailor-made epoxides

Author(s): Mangold, C (Mangold, Christine); Wurm, F (Wurm, Frederik); Frey, H (Frey, Holger)

Source: POLYMER CHEMISTRY **Volume:** 3 **Issue:** 7 **Pages:** 1714-1721 **DOI:** 10.1039/c2py00489e **Published:** 2012

Accession Number: WOS:000304913800005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103
Wurm, Frederik R. A-	2522-2010	0000-0002-6955-8489

ISSN: 1759-9954

eISSN: 1759-9962

Record 191 of 301

Title: Nanotechnology in Drug Delivery

Author(s): Emeje, MO (Emeje, Martins Ochubiojo); Obidike, IC (Obidike, Ifeoma Chinwude); Akpabio, EI (Akpabio, Ekaete Ibanga); Ofoefule, SI (Ofoefule, Sabinus Ifianyi)

Edited by: Sezer AD

Source: RECENT ADVANCES IN NOVEL DRUG CARRIER SYSTEMS **Pages:** 69-106 **DOI:** 10.5772/51384 **Published:** 2012

Accession Number: WOS:000373668500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Emeje, Martins	P-5575-2019	0000-0002-0202-5426
Schatzlein, Andreas G K-	6081-2013	0000-0003-3907-6603
EZENYI, IFEOMA		0000-0002-4530-971X

ISBN: 978-953-51-0810-8

Book DOI: 10.5772/2889

Record 192 of 301

Title: Influence of both a static magnetic field and penetratin on magnetic nanoparticle delivery into fibroblasts

Author(s): Dejardin, T (Dejardin, Theophile); de la Fuente, J (de la Fuente, Jesus); del Pino, P (del Pino, Pablo); Furlani, EP (Furlani, Edward P.); Mullin, M (Mullin, Margaret); Smith, CA (Smith, C-A); Berry, CC (Berry, Catherine C.)

Source: NANOMEDICINE **Volume:** 6 **Issue:** 10 **Pages:** 1719-1731 **DOI:** 10.2217/NNM.11.65 **Published:** DEC 2011

Accession Number: WOS:000298489100011

PubMed ID: 21809899

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Qingguo	C-1962-2014	0000-0003-3191-0771
de la Fuente, Jesus M L-	8361-2016	0000-0003-1081-8482

Record 193 of 301

Title: Studies on pH-sensitive micellar structures for sustained drug delivery: Experiments and computer simulations

Author(s): Guo, XD (Guo, Xin Dong); Zhang, LJ (Zhang, Li Juan); Wu, ZM (Wu, Zhi Min); Qian, Y (Qian, Yu)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 152 **Pages:** E26-E28 **DOI:** 10.1016/j.jconrel.2011.08.101 **Supplement:** 1 **Published:** NOV 30 2011

Accession Number: WOS:000299125600019

PubMed ID: 22195898

Conference Title: 1st Symposium on Innovative Polymers for Controlled Delivery

Conference Date: SEP 14-17, 2010

Conference Location: Suzhou, PEOPLES R CHINA

ISSN: 0168-3659

Record 194 of 301

Title: Novel reduction-sensitive micelles for triggered intracellular drug release

Author(s): Sun, PJ (Sun, Peijian); Zhou, DH (Zhou, Danhua); Gan, ZH (Gan, Zhihua)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 155 **Issue:** 1 **Special Issue:** SI **Pages:** 96-103 **DOI:** 10.1016/j.jconrel.2010.11.005 **Published:** OCT 10 2011

Accession Number: WOS:000295998200015

PubMed ID: 21075151

ISSN: 0168-3659

Record 195 of 301

Title: pH and Reduction Dual-Sensitive Copolymeric Micelles for Intracellular Doxorubicin Delivery

Author(s): Chen, J (Chen, Jun); Qiu, XZ (Qiu, Xiaozhong); Ouyang, J (Ouyang, Jun); Kong, JM (Kong, Jiming); Zhong, W (Zhong, Wen); Xing, MMQ (Xing, Malcolm M. Q.)

Source: BIOMACROMOLECULES **Volume:** 12 **Issue:** 10 **Pages:** 3601-3611 **DOI:** 10.1021/bm200804j **Published:** OCT 2011

Accession Number: WOS:000295602600027

PubMed ID: 21853982

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
qiu, xiaozhong	B-8466-2014	
Xing, Malcolm	L-6373-2014	
Kong, Jiming		0000-0002-2859-9831

ISSN: 1525-7797

eISSN: 1526-4602

Record 196 of 301

Title: Biocompatible Drug Delivery System for Photo-Triggered Controlled Release of 5-Fluorouracil

Author(s): Jin, Q (Jin, Qiao); Mitschang, F (Mitschang, Fabian); Agarwal, S (Agarwal, Seema)

Source: BIOMACROMOLECULES **Volume:** 12 **Issue:** 10 **Pages:** 3684-3691 **DOI:** 10.1021/bm2009125 **Published:** OCT 2011

Accession Number: WOS:000295602600036

PubMed ID: 21863834

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jin, Qiao	I-4581-2016	

ISSN: 1525-7797

eISSN: 1526-4602

Record 197 of 301

Title: Acid-Activatable Prodrug Nanogels for Efficient Intracellular Doxorubicin Release

Author(s): Zhan, FX (Zhan, Fuxing); Chen, W (Chen, Wei); Wang, ZJ (Wang, Zhongjuan); Lu, WT (Lu, Wentao); Cheng, R (Cheng, Ru); Deng, C (Deng, Chao); Meng, FH (Meng, Fenghua); Liu, HY (Liu, Haiyan); Zhong, ZY (Zhong, Zhiyuan)

Source: BIOMACROMOLECULES **Volume:** 12 **Issue:** 10 **Pages:** 3612-3620 **DOI:** 10.1021/bm200876x **Published:** OCT 2011

Accession Number: WOS:000295602600028

PubMed ID: 21905663

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cheng, Ru	X-4322-2018	0000-0002-0879-5069
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741

ISSN: 1525-7797

Record 198 of 301

Title: Targeting ligand-functionalized and redox-sensitive heparin-Pluronic nanogels for intracellular protein delivery

Author(s): Nguyen, DH (Dai Hai Nguyen); Joung, YK (Joung, Yoon Ki); Choi, JH (Choi, Jong Hoon); Moon, HT (Moon, Hyun Tae); Park, KD (Park, Ki Dong)

Source: BIOMEDICAL MATERIALS **Volume:** 6 **Issue:** 5 **Article Number:** 055004 **DOI:** 10.1088/1748-6041/6/5/055004 **Published:** OCT 2011

Accession Number: WOS:000295035500004

PubMed ID: 21849723

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
joung, yoon ki		0000-0001-8661-481X

ISSN: 1748-6041

eISSN: 1748-605X

Record 199 of 301

Title: Aggregation and Thermoresponsive Properties of New Star Block Copolymers with a Cholic Acid Core

Author(s): Li, CC (Li, Cancan); Lavigneur, C (Lavigneur, Christine); Zhu, XX (Zhu, X. X.)

Source: LANGMUIR **Volume:** 27 **Issue:** 17 **Pages:** 11174-11179 **DOI:** 10.1021/la2021929 **Published:** SEP 6 2011

Accession Number: WOS:000294373300102

PubMed ID: 21800871

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhu, X. X.	C-8991-2009	0000-0003-0828-299X

ISSN: 0743-7463

Record 200 of 301

Title: Tumor targeted quantum dot-mucin 1 aptamer-doxorubicin conjugate for imaging and treatment of cancer

Author(s): Savla, R (Savla, Ronak); Taratula, O (Taratula, Oleh); Garbuzenko, O (Garbuzenko, Olga); Minko, T (Minko, Tamara)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 153 **Issue:** 1 **Special Issue:** SI **Pages:** 16-22 **DOI:** 10.1016/j.jconrel.2011.02.015 **Published:** JUL 15 2011

Accession Number: WOS:000293433500003

PubMed ID: 21342659

Conference Title: 8th International Nanomedicine and Drug Delivery Symposium (NanoDDS)

Conference Date: OCT 03-05, 2010

Conference Location: Omaha, NE

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mahapatra, Indrani	D-7506-2011	

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Title: Near-Critical Fluid Micellization for High and Efficient Drug Loading: Encapsulation of Paclitaxel into PEG-b-PCL Micelles

Author(s): Tyrrell, ZL (Tyrrell, Zachary L.); Shen, YQ (Shen, Youqing); Radosz, M (Radosz, Maciej)

Source: JOURNAL OF PHYSICAL CHEMISTRY C **Volume:** 115 **Issue:** 24 **Pages:** 11951-11956 **DOI:** 10.1021/jp202335r **Published:** JUN 23 2011

Accession Number: WOS:000291709600009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shen, Youqing	E-6144-2011	0000-0003-1837-7976

ISSN: 1932-7447

Record 202 of 301

Title: Characterisation and tumour targeting of PEGylated polylysine dendrimers bearing doxorubicin via a pH labile linker

Author(s): Kaminskas, LM (Kaminskas, Lisa M.); Kelly, BD (Kelly, Brian D.); McLeod, VM (McLeod, Victoria M.); Sberna, G (Sberna, Gian); Owen, DJ (Owen, David J.); Boyd, BJ (Boyd, Ben J.); Porter, CJH (Porter, Christopher J. H.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 152 **Issue:** 2 **Pages:** 241-248 **DOI:** 10.1016/j.jconrel.2011.02.005 **Published:** JUN 10 2011

Accession Number: WOS:000292665200004

PubMed ID: 21315119

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Porter, Christopher JH	C-6333-2011	0000-0003-3474-7551
Boyd, com	O-7985-2014	
Boyd, Ben		0000-0001-5434-590X
Kaminskas, Lisa		0000-0003-4821-4262

ISSN: 0168-3659

Record 203 of 301

Title: Doxorubicin loading and eluting characteristics of bioresorbable hydrogel microspheres: In vitro study

Author(s): Weng, LH (Weng, Lihui); Le, HC (Le, Hung C.); Lin, JY (Lin, Jingying); Golzarian, J (Golzarian, Jafar)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 409 **Issue:** 1-2 **Pages:** 185-193 **DOI:** 10.1016/j.ijpharm.2011.02.058 **Published:** MAY 16 2011

Accession Number: WOS:000290135800023

PubMed ID: 21382461

ISSN: 0378-5173

Record 204 of 301

Title: Endosomal pH-Activatable Poly(ethylene oxide)-graft-Doxorubicin Prodrugs: Synthesis, Drug Release, and Biodistribution in Tumor-Bearing Mice

Author(s): Zhou, L (Zhou, Lei); Cheng, R (Cheng, Ru); Tao, HQ (Tao, Huiquan); Ma, SB (Ma, Shoubao); Guo, WW (Guo, Weiwei); Meng, FH (Meng, Fenghua); Liu, HY (Liu, Haiyan); Liu, Z (Liu, Zhuang); Zhong, ZY (Zhong, Zhiyuan)

Source: BIOMACROMOLECULES **Volume:** 12 **Issue:** 5 **Pages:** 1460-1467 **DOI:** 10.1021/bm101340u **Published:** MAY 2011

Accession Number: WOS:000290246400008

PubMed ID: 21332185

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741
Liu, Zhuang	H-4352-2011	0000-0002-1629-1039
Cheng, Ru	X-4322-2018	0000-0002-0879-5069

ISSN: 1525-7797

Record 205 of 301

Title: Hydrazone-based hydrogel hydrolytically degradable in acidic environment

Author(s): Vetrik, M (Vetrik, Miroslav); Pradny, M (Pradny, Martin); Hruby, M (Hruby, Martin); Michalek, J (Michalek, Jiri)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 96 **Issue:** 5 **Pages:** 756-759 **DOI:** 10.1016/j.polymdegradstab.2011.02.020 **Published:** MAY 2011

Accession Number: WOS:000290078200004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetrik, Miroslav	G-3495-2014	
Hruby, Martin	H-6479-2014	
Michalek, Jiri	D-7251-2013	0000-0002-1253-0258
Pradny, Martin	H-8496-2014	

ISSN: 0141-3910

Record 206 of 301

Title: Protein Nanocapsules Containing Doxorubicin as a pH-Responsive Delivery System

Author(s): Ren, DM (Ren, Dongmei); Kratz, F (Kratz, Felix); Wang, SW (Wang, Szu-Wen)

Source: SMALL **Volume:** 7 **Issue:** 8 **Pages:** 1051-1060 **DOI:** 10.1002/sml.201002242 **Published:** APR 18 2011

Accession Number: WOS:000289997000010

PubMed ID: 21456086

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Ren, Dongmei B-2832-2016 0000-0002-9209-781X
ISSN: 1613-6810
eISSN: 1613-6829

Record 207 of 301

Title: Block copolymer micelles with acid-labile ortho ester side-chains: Synthesis, characterization, and enhanced drug delivery to human glioma cells

Author(s): Tang, RP (Tang, Rupei); Ji, WH (Ji, Weihang); Panus, D (Panus, David); Palumbo, RN (Palumbo, R. Noelle); Wang, C (Wang, Chun)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 151 **Issue:** 1 **Pages:** 18-27 **DOI:** 10.1016/j.jconrel.2010.12.005 **Published:** APR 10 2011

Accession Number: WOS:000291240900004

PubMed ID: 21194551

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Ji, Weihang I-7265-2012 0000-0002-1054-6280
ISSN: 0168-3659

Record 208 of 301

Title: Novel amphiphilic diblock copolymers bearing acid-labile oxazolidine moieties: Synthesis, self-assembly and responsive behavior in aqueous solution

Author(s): Cui, QL (Cui, Qianling); Wu, FP (Wu, Feipeng); Wang, EJ (Wang, Erjian)

Source: POLYMER **Volume:** 52 **Issue:** 8 **Pages:** 1755-1765 **DOI:** 10.1016/j.polymer.2011.02.022 **Published:** APR 5 2011

Accession Number: WOS:000289182800008

ISSN: 0032-3861

eISSN: 1873-2291

Record 209 of 301

Title: Triazolyl Derivatives for Acidic Release of Alcohols

Author(s): Mondon, M (Mondon, Martine); Delatouche, R (Delatouche, Regis); Bachmann, C (Bachmann, Christian); Frapper, G (Frapper, Gilles); Len, C (Len, Christophe); Bertrand, P (Bertrand, Philippe)

Source: EUROPEAN JOURNAL OF ORGANIC CHEMISTRY **Issue:** 11 **Pages:** 2111-2119 **DOI:** 10.1002/efoc.201001677 **Published:** APR 2011

Accession Number: WOS:000289358900015

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
LEN, Christophe M-3487-2017 0000-0001-8013-0881
FRAPPER, Gilles 0000-0001-5177-6691
ISSN: 1434-193X

Record 210 of 301

Title: In vivo evaluation of novel chitosan graft polymeric micelles for delivery of paclitaxel

Author(s): Liu, J (Liu, Jia); Li, HX (Li, Hongxia); Chen, DQ (Chen, Daquan); Jin, XA (Jin, Xiang); Zhao, XL (Zhao, Xiaoliang); Zhang, C (Zhang, Can); Ping, QN (Ping, Qineng)

Source: DRUG DELIVERY **Volume:** 18 **Issue:** 3 **Pages:** 181-189 **DOI:** 10.3109/10717544.2010.520355 **Published:** APR 2011

Accession Number: WOS:000288704000002

PubMed ID: 20942638

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Rui, Zhenhua J-8195-2019 0000-0001-6088-0845
Zhang, Can D-9659-2015 0000-0003-0689-8264
ISSN: 1071-7544

Record 211 of 301

Title: Polyphosphazene nanoparticles for cytoplasmic release of doxorubicin with improved cytotoxicity against Dox-resistant tumor cells

Author(s): Zheng, C (Zheng, Cheng); Xu, J (Xu, Jing); Yao, XP (Yao, Xiaping); Xu, JA (Xu, Jian); Qiu, LY (Qiu, Liyan)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 355 **Issue:** 2 **Pages:** 374-382 **DOI:** 10.1016/j.jcis.2010.12.004 **Published:** MAR 15 2011

Accession Number: WOS:000287335300014

PubMed ID: 21220138

Record 212 of 301

Title: Dual Stimuli-Responsive Polymeric Micelles Exhibiting "AND" Logic Gate for Controlled Release of Adriamycin

Author(s): Wei, CA (Wei, Chuan); Guo, J (Guo, Jia); Wang, CC (Wang, Changchun)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 32 **Issue:** 5 **Pages:** 451-455 **DOI:** 10.1002/marc.201000708 **Published:** MAR 2 2011

Accession Number: WOS:000288037100006

PubMed ID: 21433198

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Guo, Jia D-4569-2016

ISSN: 1022-1336

eISSN: 1521-3927

Record 213 of 301

Title: Poly(ethylene glycol-co-allyl glycidyl ether)s: A PEG-Based Modular Synthetic Platform for Multiple Bioconjugation

Author(s): Obermeier, B (Obermeier, Boris); Frey, H (Frey, Holger)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 22 **Issue:** 3 **Pages:** 436-444 **DOI:** 10.1021/bc1004747 **Published:** MAR 2011

Accession Number: WOS:000288401400016

PubMed ID: 21319753

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
Frey, Holger C-9849-2009 0000-0002-9916-3103

ISSN: 1043-1802

Record 214 of 301

Title: Optimization of Formulation Variables Affecting Spray-Dried Oily Core Nanocapsules by Response Surface Methodology

Author(s): Zhang, T (Zhang, Tao); Murowchick, J (Murowchick, James); Youan, BBC (Youan, Bi-Botti C.)

Source: JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 100 **Issue:** 3 **Pages:** 1031-1044 **DOI:** 10.1002/jps.22341 **Published:** MAR 2011

Accession Number: WOS:000287947100024

PubMed ID: 20928871

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhang, Tao	G-1312-2014	
Murowchick, James R	5493-2017	0000-0003-2987-0352

ISSN: 0022-3549

Record 215 of 301

Title: Combination of Paclitaxel- and Retinoic Acid-incorporated Nanoparticles for the Treatment of CT-26 Colon Carcinoma

Author(s): Hong, GY (Hong, Gun-Young); Jeong, YI (Jeong, Young-Il); Lee, SJ (Lee, Sang Joon); Lee, E (Lee, Eojini); Oh, JS (Oh, Jong Suk); Lee, HC (Lee, Hyun Chul)

Source: ARCHIVES OF PHARMACAL RESEARCH **Volume:** 34 **Issue:** 3 **Pages:** 407-417 **DOI:** 10.1007/s12272-011-0308-8 **Published:** MAR 2011

Accession Number: WOS:000289120300009

PubMed ID: 21547672

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
LEE, SANGJOON		0000-0002-7337-0243

ISSN: 0253-6269

eISSN: 1976-3786

Record 216 of 301

Title: Shell cross-linked and hepatocyte-targeting nanoparticles containing doxorubicin via acid-cleavable linkage

Author(s): Lu, CH (Lu, Changhai); Xing, MMQ (Xing, Malcolm M. Q.); Zhong, W (Zhong, Wen)

Source: NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE **Volume:** 7 **Issue:** 1 **Pages:** 80-87 **DOI:** 10.1016/j.nano.2010.07.001 **Published:** FEB 2011

Accession Number: WOS:000286461400009

PubMed ID: 20650334

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**

Xing, Malcolm L-6373-2014

ISSN: 1549-9634

eISSN: 1549-9642

Record 217 of 301

Title: In Vitro Evaluation of Biocompatibility for Injectable Poly (epsilon-caprolactone)-Pluronic F127 (PCL-Pluronic) Hydrogel

Author(s): Choi, JY (Choi, Jeong Yeon); Lim, HJ (Lim, Hyun Ju); Abdi, SIH (Abdi, Syed Izhar Haider); Chung, HY (Chung, Ho Yun); Lim, JO (Lim, Jeong Ok)

Source: TISSUE ENGINEERING AND REGENERATIVE MEDICINE **Volume:** 8 **Issue:** 1 **Pages:** A16-A22 **Published:** FEB 2011

Accession Number: WOS:000286951500017

ISSN: 1738-2696

eISSN: 2212-5469

Record 218 of 301

Title: Folate-functionalized Polymeric Micelles based on Biodegradable PEG-PDLLA as a Hepatic Carcinoma-targeting Delivery System

Author(s): Niu, CQ (Niu, Chuanqiang); Sun, QQ (Sun, Qiquan); Zhou, JX (Zhou, Jingxing); Cheng, D (Cheng, Du); Hong, GB (Hong, Guobin)

Source: ASIAN PACIFIC JOURNAL OF CANCER PREVENTION **Volume:** 12 **Issue:** 8 **Pages:** 1995-1999 **Published:** 2011

Accession Number: WOS:000302009300022

PubMed ID: 22292640

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**

Cheng, Du

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ISSN: 1513-7368

Record 219 of 301

Title: Degradable and biocompatible aldehyde-functionalized glycopolymer conjugated with doxorubicin via acid-labile Schiff base linkage for pH-triggered drug release

Author(s): Xiao, NY (Xiao, Naiyu); Liang, H (Liang, Hui); Lu, J (Lu, Jiang)

Source: SOFT MATTER **Volume:** 7 **Issue:** 22 **Pages:** 10834-10840 **DOI:** 10.1039/c1sm06181j **Published:** 2011

Accession Number: WOS:000296388300043

ISSN: 1744-683X

Record 220 of 301

Title: Multifunctional Poly(ethylene glycol)s

Author(s): Obermeier, B (Obermeier, Boris); Wurm, F (Wurm, Frederik); Mangold, C (Mangold, Christine); Frey, H (Frey, Holger)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 50 **Issue:** 35 **Pages:** 7988-7997 **DOI:** 10.1002/anie.201100027 **Published:** 2011

Accession Number: WOS:000294177500005

PubMed ID: 21751305

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**

Frey, Holger

C-9849-2009

0000-0002-9916-3103

Wurm, Frederik R. A-2522-2010

0000-0002-6955-8489

ISSN: 1433-7851

Record 221 of 301

Title: Multifunctional Magnetic Hybrid Nanoparticles as a Nanomedical Platform for Cancer-Targeted Imaging and Therapy

Author(s): Yan, HS (Yan, Husheng); Guo, M (Guo, Miao); Liu, KL (Liu, Keliang)

Edited by: Ghista DN

Source: BIOMEDICAL SCIENCE, ENGINEERING AND TECHNOLOGY **Pages:** 283-300 **Published:** 2011

Accession Number: WOS:000378911600013

ISBN: 978-953-307-471-9

Record 222 of 301

Title: Novel cationic poly(ester-co-carbonate) materials functionalized with tertiary amine groups

Author(s): Su, W (Su, Wei); Wang, HF (Wang, Hua-fen); Feng, J (Feng, Jun); Luo, XH (Luo, Xiao-hua); Zhang, XZ (Zhang, Xian-zheng); Zhuo, RX (Zhuo, Ren-xi)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 21 **Issue:** 17 **Pages:** 6327-6336 **DOI:** 10.1039/c0jm04245e **Published:** 2011

Accession Number: WOS:000289524300032

ISSN: 0959-9428

Record 223 of 301

Title: Fluorescent magnetic nanoparticles for biomedical applications

Author(s): Chekina, N (Chekina, Nataliya); Horak, D (Horak, Daniel); Jendelova, P (Jendelova, Pavla); Trchova, M (Trchova, Miroslava); Benes, MJ (Benes, Milan J.); Hruby, M (Hruby, Martin); Herynek, V (Herynek, Vit); Turnovcova, K (Turnovcova, Karolina); Sykova, E (Sykova, Eva)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 21 **Issue:** 21 **Pages:** 7630-7639 **DOI:** 10.1039/c1jm10621j **Published:** 2011

Accession Number: WOS:000290670000017

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Trchova, Miroslava	G-3445-2014	0000-0001-6105-7578
Jendelova, Pavla	H-2516-2014	0000-0002-4644-9212
Hruby, Martin	H-6479-2014	
Chekina, Natalia	H-7172-2014	
Benes, Milan	H-6778-2014	
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
Sykova, Eva	H-2659-2014	

ISSN: 0959-9428

Record 224 of 301

Title: A pH-sensitive polymeric nanovesicle based on biodegradable poly(ethylene glycol)-b-poly(2-(diisopropylamino)ethyl aspartate) as a MRI-visible drug delivery system

Author(s): Sun, QQ (Sun, Qiquan); Cheng, D (Cheng, Du); Yu, XS (Yu, Xingsu); Zhang, ZQ (Zhang, Zuoquan); Dai, J (Dai, Jian); Li, H (Li, Hao); Liang, BL (Liang, Biling); Shuai, XT (Shuai, Xintao)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 21 **Issue:** 39 **Pages:** 15316-15326 **DOI:** 10.1039/c1jm12404h **Published:** 2011

Accession Number: WOS:000295278000034

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Hao	Y-8684-2018	0000-0003-1744-1526
Shuai, Xintao	C-5819-2008	0000-0003-4271-0310
Cheng, Du		0000-0001-5105-7777

ISSN: 0959-9428

Record 225 of 301

Title: Emerging Technologies of Polymeric Nanoparticles in Cancer Drug Delivery

Author(s): Brewer, E (Brewer, Erik); Coleman, J (Coleman, Jason); Lowman, A (Lowman, Anthony)

Source: JOURNAL OF NANOMATERIALS **Article Number:** 408675 **DOI:** 10.1155/2011/408675 **Published:** 2011

Accession Number: WOS:000283227400001

ISSN: 1687-4110

Record 226 of 301

Title: Construction and application of pH-triggered cleavable hyperbranched polyacylhydrazone for drug delivery

Author(s): Zhu, LJ (Zhu, Lijuan); Tu, CL (Tu, Chunlai); Zhu, BS (Zhu, Bangshang); Su, Y (Su, Yue); Pang, Y (Pang, Yan); Yan, DY (Yan, Deyue); Wu, JL (Wu, Jieli); Zhu, XY (Zhu, Xinyuan)

Source: POLYMER CHEMISTRY **Volume:** 2 **Issue:** 8 **Pages:** 1761-1768 **DOI:** 10.1039/c1py00161b **Published:** 2011

Accession Number: WOS:000292965500023

ISSN: 1759-9954

Record 227 of 301

Title: Advances in polymeric micelles for drug delivery and tumor targeting

Author(s): Kedar, U (Kedar, Uttam); Phutane, P (Phutane, Prasanna); Shidhaye, S (Shidhaye, Supriya); Kadam, V (Kadam, Vilasrao)

Source: NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE **Volume:** 6 **Issue:** 6 **Pages:** 714-729 **DOI:** 10.1016/j.nano.2010.05.005 **Published:** DEC 2010

Accession Number: WOS:000284943200002

PubMed ID: 20542144

ISSN: 1549-9634

Record 228 of 301

Title: A facile synthesis of hydrophilic glycopolymers with the ether linkages throughout the main chains

Author(s): Hu, ZG (Hu, Zhiguo); Fan, XS (Fan, Xiaoshan); Wang, JX (Wang, Jianxin); Zhao, SP (Zhao, Shuping); Han, XL (Han, Xiaoliang)

Source: JOURNAL OF POLYMER RESEARCH **Volume:** 17 **Issue:** 6 **Pages:** 815-820 **DOI:** 10.1007/s10965-009-9372-x **Published:** NOV 2010

Accession Number: WOS:000282701600006

ISSN: 1022-9760

Record 229 of 301

Title: Dissipative Particle Dynamics Studies on Microstructure of pH-Sensitive Micelles for Sustained Drug Delivery

Author(s): Guo, XD (Guo, Xin Dong); Zhang, LJ (Zhang, Li Juan); Wu, ZM (Wu, Zhi Min); Qian, Y (Qian, Yu)

Source: MACROMOLECULES **Volume:** 43 **Issue:** 18 **Pages:** 7839-7844 **DOI:** 10.1021/ma101132n **Published:** SEP 28 2010

Accession Number: WOS:000281883000055

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Guo, Xin Dong	C-9244-2009	

ISSN: 0024-9297

eISSN: 1520-5835

Record 230 of 301

Title: Novel pH-sensitive chitosan-derived micelles loaded with paclitaxel

Author(s): Liu, J (Liu, Jia); Li, HX (Li, Hongxia); Jiang, XQ (Jiang, Xiaoqun); Zhang, C (Zhang, Can); Ping, QN (Ping, Qineng)

Source: CARBOHYDRATE POLYMERS **Volume:** 82 **Issue:** 2 **Pages:** 432-439 **DOI:** 10.1016/j.carbpol.2010.04.084 **Published:** SEP 5 2010

Accession Number: WOS:000280574600030

ISSN: 0144-8617

eISSN: 1879-1344

Record 231 of 301

Title: Fabrication of micellar nanoparticles for drug delivery through the self-assembly of block copolymers

Author(s): Tyrrell, ZL (Tyrrell, Zachary L.); Shen, YQ (Shen, Youqing); Radosz, M (Radosz, Maciej)

Source: PROGRESS IN POLYMER SCIENCE **Volume:** 35 **Issue:** 9 **Pages:** 1128-1143 **DOI:** 10.1016/j.progpolymsci.2010.06.003 **Published:** SEP 2010

Accession Number: WOS:000282453100003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shen, Youqing	E-6144-2011	0000-0003-1837-7976

ISSN: 0079-6700

eISSN: 1873-1619

Record 232 of 301

Title: Polyoxazoline Thermoresponsive Micelles as Radionuclide Delivery Systems

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Panek, J (Panek, Jiri); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Kucka, J (Kucka, Jan); Vetricka, D (Vetricka, David); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 10 **Issue:** 8 **Pages:** 916-924 **DOI:** 10.1002/mabi.201000034 **Published:** AUG 11 2010

Accession Number: WOS:000281387900011

PubMed ID: 20491128

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Panek, Jiri	H-7129-2014	
Ulbrich, Karel	G-5145-2014	
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Vetricka, David	O-2384-2017	0000-0002-6098-1213

ISSN: 1616-5187

Record 233 of 301

Title: Biodegradable Block Copolymer-Doxorubicin Conjugates via Different Linkages: Preparation, Characterization, and In Vitro Evaluation

Author(s): Hu, XL (Hu, Xiuli); Liu, S (Liu, Shi); Huang, YB (Huang, Yubin); Chen, XS (Chen, Xuesi); Jing, XB (Jing, Xiabin)

Source: BIOMACROMOLECULES **Volume:** 11 **Issue:** 8 **Pages:** 2094-2102 **DOI:** 10.1021/bm100458n **Published:** AUG 2010

Accession Number: WOS:000280583400026

PubMed ID: 20604578

ISSN: 1525-7797

eISSN: 1526-4602

Record 234 of 301

Title: Core/Shell pH-Sensitive Micelles Self-Assembled from Cholesterol Conjugated Oligopeptides for Anticancer Drug Delivery

Author(s): Guo, XD (Guo, Xin Dong); Zhang, LJ (Zhang, Li Juan); Chen, Y (Chen, Yun); Qian, Y (Qian, Yu)

Source: AICHE JOURNAL **Volume:** 56 **Issue:** 7 **Pages:** 1922-1931 **DOI:** 10.1002/aic.12119 **Published:** JUL 2010

Accession Number: WOS:000278890800021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Guo, Xin Dong	C-9244-2009	

ISSN: 0001-1541

eISSN: 1547-5905

Record 235 of 301

Title: Thermosensitive Nanoparticles Self-Assembled from PCL-b-PEO-b-PNIPAAm Triblock Copolymers and their Potential for Controlled Drug Release

Author(s): Sun, PJ (Sun, Peijian); Zhang, Y (Zhang, Yu); Shi, LQ (Shi, Linqi); Gan, ZH (Gan, Zhihua)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 10 **Issue:** 6 **Pages:** 621-631 **DOI:** 10.1002/mabi.200900434 **Published:** JUN 11 2010

Accession Number: WOS:000279131800006

PubMed ID: 20166233

ISSN: 1616-5187

eISSN: 1616-5195

Record 236 of 301

Title: The pH-induced thermosensitive poly (NIPAAm-co-AAc-co-HEMA)-g-PCL micelles used as a drug carrier

Author(s): Dai, WF (Dai, Weifeng); Zhang, Y (Zhang, Yan); Du, ZZ (Du, Zhengzhen); Ru, ML (Ru, Minliang); Lang, MD (Lang, Meidong)

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE **Volume:** 21 **Issue:** 6 **Pages:** 1881-1890 **DOI:** 10.1007/s10856-010-4049-x **Published:** JUN 2010

Accession Number: WOS:000278525300013

PubMed ID: 20217189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lang, Meidong		0000-0003-2053-9284

ISSN: 0957-4530

Record 237 of 301

Title: Intelligent Polymeric Nanocarriers Responding to Physical or Biological Signals: A New Paradigm of Cytosolic Drug Delivery for Tumor Treatment

Author(s): Lee, BR (Lee, Bo Reum); Baik, HJ (Baik, Hye Jung); Oh, NM (Oh, Nam Muk); Lee, ES (Lee, Eun Seong)

Source: POLYMERS **Volume:** 2 **Issue:** 2 **Pages:** 86-101 **DOI:** 10.3390/polym2020086 **Published:** JUN 2010

Accession Number: WOS:000208600900005

ISSN: 2073-4360

Record 238 of 301

Title: Injectable Hyaluronic Acid-Dextran Hydrogels and Effects of Implantation in Ferret Vocal Fold

Author(s): Luo, Y (Luo, Ying); Kobler, JB (Kobler, James B.); Heaton, JT (Heaton, James T.); Jia, XQ (Jia, Xinqiao); Zeitels, SM (Zeitels, Steven M.); Langer, R (Langer, Robert)

Source: JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS **Volume:** 93B **Issue:** 2 **Pages:** 386-393 **DOI:** 10.1002/jbm.b.31593 **Published:** MAY 2010

Accession Number: WOS:000276715800012

PubMed ID: 20151459

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Luo, Ying	A-9920-2012	0000-0001-9834-9419

ISSN: 1552-4973

Record 239 of 301

Title: Micellar Nanocarriers Assembled from Doxorubicin-Conjugated Amphiphilic Macromolecules (DOX-AM)

Author(s): del Rosario, LS (del Rosario, Leilani S.); Demirdirek, B (Demirdirek, Bahar); Harmon, A (Harmon, Alexander); Orban, D (Orban, David); Uhrich, KE (Uhrich, Kathryn E.)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 10 **Issue:** 4 **Pages:** 415-423 **DOI:** 10.1002/mabi.200900335 **Published:** APR 8 2010

Accession Number: WOS:000276772900010

PubMed ID: 20127669

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Uhrich, Kathryn E	I-2099-2013	0000-0001-7273-7528

ISSN: 1616-5187
eISSN: 1616-5195

Record 240 of 301

Title: Lactose mediated liver-targeting effect observed by ex vivo imaging technology

Author(s): Ma, PA (Ma, Ping'an); Liu, S (Liu, Shi); Huang, YB (Huang, Yubin); Chen, XS (Chen, Xuesi); Zhang, LP (Zhang, Liping); Jing, XB (Jing, Xiabin)

Source: BIOMATERIALS **Volume:** 31 **Issue:** 9 **Pages:** 2646-2654 **DOI:** 10.1016/j.biomaterials.2009.12.019 **Published:** MAR 2010

Accession Number: WOS:000275348800022

PubMed ID: 20036420

ISSN: 0142-9612

eISSN: 1878-5905

Record 241 of 301

Title: Improving the efficacy of combined modality anticancer therapy using HPMA copolymer-based nanomedicine formulations

Author(s): Lammers, T (Lammers, Twan)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 62 **Issue:** 2 **Pages:** 203-230 **DOI:** 10.1016/j.addr.2009.11.028 **Published:** FEB 17 2010

Accession Number: WOS:000275579900007

PubMed ID: 19951732

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lammers, Twan	U-2794-2018	0000-0002-1090-6805

ISSN: 0169-409X
eISSN: 1872-8294

Record 242 of 301

Title: Combination antitumor effects of micelle-loaded anticancer drugs in a CT-26 murine colorectal carcinoma model

Author(s): Na, HS (Na, Hee Sam); Lim, YK (Lim, Yeun Keun); Jeong, YI (Jeong, Young-Il); Lee, HS (Lee, Hyun Sook); Lim, YJ (Lim, You Jin); Kang, MS (Kang, Mi Sun); Cho, CS (Cho, Chong-Su); Lee, HC (Lee, Hyun Chul)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 383 **Issue:** 1-2 **Pages:** 192-200 **DOI:** 10.1016/j.ijpharm.2009.08.041 **Published:** JAN 4 2010

Accession Number: WOS:000272809800027

PubMed ID: 19732817

ISSN: 0378-5173

eISSN: 1873-3476

Record 243 of 301

Title: Functional Star Polymers with a Cholic Acid Core and their Thermosensitive Properties

Author(s): Giguere, G (Giguere, Guillaume); Zhu, XX (Zhu, X. X.)

Source: BIOMACROMOLECULES **Volume:** 11 **Issue:** 1 **Pages:** 201-206 **DOI:** 10.1021/bm9010694 **Published:** JAN 2010

Accession Number: WOS:000273402500026

PubMed ID: 19994878

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Zhu, X. X. C-8991-2009 0000-0003-0828-299X

ISSN: 1525-7797

eISSN: 1526-4602

Record 244 of 301

Title: "POLYSACCHARIDE-BASED INTELLIGENT DELIVERY" CALLS CANCER TO STOP

Author(s): Wu, H (Wu, Hong); Fan, L (Fan, Li); Li, F (Li, Fei)

Edited by: Ito R; Matsuo Y

Source: HANDBOOK OF CARBOHYDRATE POLYMERS : DEVELOPMENT, PROPERTIES AND APPLICATION **Book Series:** Polymer Science and Technology Series **Pages:** 767-777 **Published:** 2010

Accession Number: WOS:000278266600029

ISBN: 978-1-60876-367-2

Record 245 of 301

Title: PEG-Anticancer Drugs

Author(s): Cateni, F (Cateni, Francesca); Zacchigna, M (Zacchigna, Marina)

Edited by: Reddy LH; Couvreur P

Source: MACROMOLECULAR ANTICANCER THERAPEUTICS **Book Series:** Cancer Drug Discovery and Development **Pages:** 221-263 **DOI:** 10.1007/978-1-4419-0507-9_6 **Published:** 2010

Accession Number: WOS:000272519500006

ISBN: 978-1-4419-0506-2

Book DOI: 10.1007/978-1-4419-0507-9

Record 246 of 301

Title: Strategies for Triggered Release from Polymer-based Nanostructures

Author(s): Malinova, V (Malinova, Violeta); Kind, L (Kind, Lucy); Grzelakowski, M (Grzelakowski, Mariusz); Meter, W (Meter, Wolfgang)

Edited by: Broz P

Source: POLYMER-BASED NANOSTRUCTURES: MEDICAL APPLICATIONS **Book Series:** RSC Nanoscience and Nanotechnology **Issue:** 9 **Pages:** 114-169 **DOI:** 10.1039/9781847559968-00114 **Published:** 2010

Accession Number: WOS:000275824300005

ISSN: 1757-7136

ISBN: 978-0-85404-956-1

Book DOI: 10.1039/9781847559968

Record 247 of 301

Title: STIMULI-RESPONSIVE POLYMERIC MICELLES FOR DRUG DELIVERY PURPOSES

Author(s): Hruby, M (Hruby, Martin)

Edited by: Li S; Tiwari A; Prabakaran M; Aryal S

Source: SMART POLYMER MATERIALS FOR BIOMEDICAL APPLICATIONS **Book Series:** Materials Science and Technologies **Pages:** 193-211 **Published:** 2010

Accession Number: WOS:000283525900012

Author Identifiers:

Author **Web of Science ResearcherID****ORCID Number**
Hruby, Martin H-6479-2014

ISBN: 978-1-60876-192-0

Record 248 of 301

Title: Interaction and Complexation of Phospholipid Vesicles and Triblock Copolymers

Author(s): Chieng, YY (Chieng, Yu Yuan); Chen, SB (Chen, Shing Bor)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 113 **Issue:** 45 **Pages:** 14934-14942 **DOI:** 10.1021/jp906929u **Published:** NOV 12 2009

Accession Number: WOS:000271428200013

PubMed ID: 19835402

ISSN: 1520-6106

Record 249 of 301**Title:** Biological Evaluation of Polymeric Micelles with Covalently Bound Doxorubicin**Author(s):** Vetvicka, D (Vetvicka, David); Hraby, M (Hraby, Martin); Hovorka, O (Hovorka, Ondrej); Etrych, T (Etrych, Tomas); Vetrik, M (Vetrik, Miroslav); Kovar, L (Kovar, Lubomir); Kovar, M (Kovar, Marek); Ulbrich, K (Ulbrich, Karel); Rihova, B (Rihova, Blanka)**Source:** BIOCONJUGATE CHEMISTRY **Volume:** 20 **Issue:** 11 **Pages:** 2090-2097 **DOI:** 10.1021/bc900212k **Published:** NOV 2009**Accession Number:** WOS:000271826600010**PubMed ID:** 19835372

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hraby, Martin	H-6479-2014	
Kovar, Marek	H-7793-2014	
Rihova, Blanka	J-6314-2014	
Ulbrich, Karel	G-5145-2014	
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Vetrik, Miroslav	G-3495-2014	

ISSN: 1043-1802**Record 250 of 301****Title:** Surface active properties of chitosan and its derivatives**Author(s):** Elsabee, MZ (Elsabee, Maher Z.); Morsi, RE (Morsi, Rania Elsayed); Al-Sabagh, AM (Al-Sabagh, A. M.)**Source:** COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 74 **Issue:** 1 **Pages:** 1-16 **DOI:** 10.1016/j.colsurfb.2009.06.021 **Published:** NOV 1 2009**Accession Number:** WOS:000271371300001**PubMed ID:** 19682870

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Alsabagh, Ahmed	S-3431-2017	0000-0001-6311-1021

ISSN: 0927-7765**eISSN:** 1873-4367**Record 251 of 301****Title:** Biodegradable amphiphilic polymer-drug conjugate micelles**Author(s):** Hu, XL (Hu, Xiuli); Jing, XB (Jing, Xiabin)**Source:** EXPERT OPINION ON DRUG DELIVERY **Volume:** 6 **Issue:** 10 **Pages:** 1079-1090 **DOI:** 10.1517/17425240903158917 **Published:** OCT 2009**Accession Number:** WOS:000271491200006**PubMed ID:** 19645633**ISSN:** 1742-5247**eISSN:** 1744-7593**Record 252 of 301****Title:** Synthesis of novel pH-sensitive chitosan graft copolymers and micellar solubilization of paclitaxel**Author(s):** Li, HX (Li, Hongxia); Liu, J (Liu, Jia); Ding, S (Ding, Song); Zhang, C (Zhang, Can); Shen, WB (Shen, Wenbin); You, QD (You, Qidong)**Source:** INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 44 **Issue:** 3 **Pages:** 249-256 **DOI:** 10.1016/j.ijbiomac.2008.12.011 **Published:** APR 1 2009**Accession Number:** WOS:000264727200006**PubMed ID:** 19150369

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhang, Can	D-9659-2015	0000-0003-0689-8264

ISSN: 0141-8130**eISSN:** 1879-0003**Record 253 of 301****Title:** A pH-Sensitive Nano Drug Delivery System Derived From Pullulan/Doxorubicin Conjugate**Author(s):** Lu, DX (Lu, Dianxiang); Wen, XT (Wen, Xiantao); Liang, J (Liang, Jie); Gu, ZW (Gu, Zhongwei); Zhang, XD (Zhang, Xingdong); Fan, YJ (Fan, Yujiang)**Source:** JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS **Volume:** 89B **Issue:**

1 **Pages:** 177-183 **DOI:** 10.1002/jbm.b.31203 **Published:** APR 2009

Accession Number: WOS:000264460200021

PubMed ID: 18777581

ISSN: 1552-4973

eISSN: 1552-4981

Record 254 of 301

Title: Maurocalcin as a Non Toxic Drug Carrier Overcomes Doxorubicin Resistance in the Cancer Cell Line MDA-MB 231

Author(s): Aroui, S (Aroui, Sonia); Ram, N (Ram, Narendra); Appaix, F (Appaix, Florence); Ronjat, M (Ronjat, Michel); Kenani, A (Kenani, Abderraouf); Pirollet, F (Pirollet, Fabienne); De Waard, M (De Waard, Michel)

Source: PHARMACEUTICAL RESEARCH **Volume:** 26 **Issue:** 4 **Pages:** 836-845 **DOI:** 10.1007/s11095-008-9782-1 **Published:** APR 2009

Accession Number: WOS:000263799000009

PubMed ID: 19083085

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
De Waard, Michel	G-7406-2014	0000-0002-2782-9615
Pirollet, Fabienne	L-3088-2013	

ISSN: 0724-8741

eISSN: 1573-904X

Record 255 of 301

Title: Preparation and characteristics of linoleic acid-grafted chitosan oligosaccharide micelles as a carrier for doxorubicin

Author(s): Du, YZ (Du, Yong-Zhong); Wang, L (Wang, Ling); Yuan, H (Yuan, Hong); Wei, XH (Wei, Xiao-Hong); Hu, FQ (Hu, Fu-Qiang)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 69 **Issue:** 2 **Pages:** 257-263 **DOI:** 10.1016/j.colsurfb.2008.11.030 **Published:** MAR 1 2009

Accession Number: WOS:000264463600016

PubMed ID: 19131223

ISSN: 0927-7765

Record 256 of 301

Title: Physicochemical aspects of doxorubicin-loaded pH-sensitive polymeric micelle formulations from a mixture of poly(L-histidine)-b-poly(L-lactide)-b-poly(ethylene glycol)

Author(s): Yin, HQ (Yin, Haiqing); Bae, YH (Bae, You Han)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS **Volume:** 71 **Issue:** 2 **Pages:** 223-230 **DOI:** 10.1016/j.ejpb.2008.08.013 **Published:** FEB 2009

Accession Number: WOS:000264045200008

PubMed ID: 18782616

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yin, Haiqing	C-8562-2009	

ISSN: 0939-6411

eISSN: 1873-3441

Record 257 of 301

Title: Review: doxorubicin delivery systems based on chitosan for cancer therapy

Author(s): Tan, ML (Tan, Mei Lin); Choong, PFM (Choong, Peter F. M.); Dass, CR (Dass, Crispin R.)

Source: JOURNAL OF PHARMACY AND PHARMACOLOGY **Volume:** 61 **Issue:** 2 **Pages:** 131-142 **DOI:** 10.1211/jpp/61.02.0001 **Published:** FEB 2009

Accession Number: WOS:000263310200001

PubMed ID: 19178759

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Choong, Peter F	F-1109-2014	0000-0002-3522-7374

ISSN: 0022-3573

eISSN: 2042-7158

Record 258 of 301

Title: Role of Block Copolymer Nanoconstructs in Cancer Therapy

Author(s): Upadhyay, KK (Upadhyay, K. K.); Agrawal, HG (Agrawal, H. G.); Upadhyay, C (Upadhyay, C.); Schatz, C (Schatz, C.); Le Meins, JF (Le Meins, J. F.); Misra, A (Misra, A.); Lecommandoux, S (Lecommandoux, S.)

Source: CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS **Volume:** 26 **Issue:** 2 **Pages:** 157-205 **DOI:** 10.1615/CritRevTherDrugCarrierSyst.v26.i2.20 **Published:** 2009

Accession Number: WOS:000269495900003

PubMed ID: 19673690

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lecommandoux, Sebastien	N-1104-2019	0000-0003-0465-8603
Lecommandoux, Sebastien	B-9536-2011	0000-0003-0465-8603
Misra, Ambikanandan	V-8757-2018	0000-0002-9100-3789
Le Meins, Jean-Francois		0000-0003-0922-7407

ISSN: 0743-4863

eISSN: 2162-660X

Record 259 of 301

Title: pH-Dependent Release Property of Agar Beads Containing Chitosan Particles

Author(s): Kang, MK (Kang, M. K.); Lee, HY (Lee, H. Y.); Kim, JC (Kim, J. -C.)

Source: JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY **Volume:** 46 **Issue:** 9 **Pages:** 907-913 **Article Number:** PII 913550962 **DOI:** 10.1080/10601320903078370 **Published:** 2009

Accession Number: WOS:000268719100008

ISSN: 1060-1325

eISSN: 1520-5738

Record 260 of 301

Title: Biodegradable, Targeted Polymeric Nanoparticle Drug Delivery Formulation for Cancer Therapy

Author(s): Pridgen, EM (Pridgen, Eric M.); Alexis, F (Alexis, Frank); Langer, RS (Langer, Robert S.); Farohkzad, OC (Farohkzad, Omid C.)

Edited by: Rege K; Medintz IL

Source: METHODS IN BIOENGINEERING: NANOSCALE BIOENGINEERING AND NANOMEDICINE **Book Series:** Artech House Methods in Bioengineering Series **Pages:** 197-235 **Published:** 2009

Accession Number: WOS:000269709900012

ISBN: 978-1-59693-410-8

Record 261 of 301

Title: Multifunctioning pH-Responsive Nanoparticles from Hierarchical Self-Assembly of Polymer Brush for Cancer Drug Delivery

Author(s): Shen, YQ (Shen, Youqing); Zhan, YH (Zhan, Yihong); Tang, JB (Tang, Jianbin); Xu, PS (Xu, Peisheng); Johnson, PA (Johnson, Patrick A.); Radosz, M (Radosz, Maciej); Van Kirk, EA (Van Kirk, Edward A.); Murdoch, WJ (Murdoch, William J.)

Source: AICHE JOURNAL **Volume:** 54 **Issue:** 11 **Pages:** 2979-2989 **DOI:** 10.1002/aic.11600 **Published:** NOV 2008

Accession Number: WOS:000260859600016

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shen, Youqing	E-6144-2011	0000-0003-1837-7976

ISSN: 0001-1541

Record 262 of 301

Title: Degradable Disulfide Core-Cross-Linked Micelles as a Drug Delivery System Prepared from Vinyl Functionalized Nucleosides via the RAFT Process

Author(s): Zhang, L (Zhang, Ling); Liu, WG (Liu, Wenguang); Lin, L (Lin, Lin); Chen, DY (Chen, Dayong); Stenzel, MH (Stenzel, Martina H.)

Source: BIOMACROMOLECULES **Volume:** 9 **Issue:** 11 **Pages:** 3321-3331 **DOI:** 10.1021/bm800867n **Published:** NOV 2008

Accession Number: WOS:000260856900046

PubMed ID: 18842025

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stenzel, Martina	B-8586-2008	0000-0002-6433-4419

ISSN: 1525-7797

Record 263 of 301

Title: Doxorubicin Loaded pH-sensitive Micelle: Antitumoral Efficacy against Ovarian A2780/DOXR Tumor

Author(s): Kim, D (Kim, Dongin); Lee, ES (Lee, Eun Seong); Park, K (Park, Kyeongsoon); Kwon, IC (Kwon, Ick Chan); Bae, YH (Bae,

You Han)

Source: PHARMACEUTICAL RESEARCH **Volume:** 25 **Issue:** 9 **Pages:** 2074-2082 **DOI:** 10.1007/s11095-008-9603-6 **Published:** SEP 2008

Accession Number: WOS:000258408400011

PubMed ID: 18449626

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Kim, Dongin	G-3237-2012	
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Kim, Dongin		0000-0003-2078-6138
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ISSN: 0724-8741

eISSN: 1573-904X

Record 264 of 301

Title: Double hydrophilic block copolymers PEO-b-PGA: Synthesis, application as potential drug carrier and drug release via pH-sensitive linkage

Author(s): Tang, XZ (Tang, Xuezhi); Pan, CY (Pan, Cai-Yuan)

Source: JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A **Volume:** 86A **Issue:** 2 **Pages:** 428-438 **DOI:** 10.1002/jbm.a.31515 **Published:** AUG 2008

Accession Number: WOS:000257450200015

PubMed ID: 17975819

ISSN: 1549-3296

eISSN: 1552-4965

Record 265 of 301

Title: Self-assembly of thermo- and pH-Responsive poly(acrylic acid)-b-poly(N-isopropylacrylamide) micelles for drug delivery

Author(s): Li, GY (Li, Guiying); Song, S (Song, Sen); Guo, L (Guo, Lei); Ma, SM (Ma, Songmei)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 46 **Issue:** 15 **Pages:** 5028-5035 **DOI:** 10.1002/pola.22831 **Published:** AUG 1 2008

Accession Number: WOS:000257915000008

ISSN: 0887-624X

Record 266 of 301

Title: Acid-labile core cross-linked micelles for pH-triggered release of antitumor drugs

Author(s): Chan, Y (Chan, Yannie); Wong, T (Wong, To); Byrne, F (Byrne, Frances); Kavallaris, M (Kavallaris, Maria); Bulmus, V (Bulmus, Volga)

Source: BIOMACROMOLECULES **Volume:** 9 **Issue:** 7 **Pages:** 1826-1836 **DOI:** 10.1021/bm800043n **Published:** JUL 2008

Accession Number: WOS:000257639500016

PubMed ID: 18564874

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Kavallaris, Maria	J-5240-2014	
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Byrne, Frances		0000-0002-8897-8438
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Bulmus, Volga		0000-0001-9944-1444
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ISSN: 1525-7797

Record 267 of 301

Title: Micro/nanostructured polymeric systems for biomedical and pharmaceutical applications

Author(s): Chiellini, F (Chiellini, Federica); Piras, AM (Piras, Anna Maria); Errico, C (Errico, Cesare); Chiellini, E (Chiellini, Emo)

Source: NANOMEDICINE **Volume:** 3 **Issue:** 3 **Pages:** 367-393 **DOI:** 10.2217/17435889.3.3.367 **Published:** JUN 2008

Accession Number: WOS:000256789400013

PubMed ID: 18510431

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Piras, Anna Maria	I-4342-2012	0000-0002-4082-6400
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Chiellini, Federica	F-3233-2010	0000-0003-4680-9975
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ISSN: 1743-5889

eISSN: 1748-6963

Record 268 of 301

Title: Tumor targetability and antitumor effect of docetaxel-loaded hydrophobically modified glycol chitosan nanoparticles

Author(s): Hwang, HY (Hwang, Ho-Young); Kim, IS (Kim, In-San); Kwon, IC (Kwon, Ick Chan); Kim, YH (Kim, Yong-Hee)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 128 **Issue:** 1 **Pages:** 23-31 **DOI:** 10.1016/j.jconrel.2008.02.003 **Published:** MAY 22 2008

Accession Number: WOS:000256852100002

PubMed ID: 18374444

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Kim, In-San D-3956-2017

김, 인산 I-8988-2014

ISSN: 0168-3659

eISSN: 1873-4995

Record 269 of 301

Title: Novel pH-sensitive drug delivery system based on natural polysaccharide for doxorubicin release

Author(s): Lu, DX (Lu, Dian-xiang); Wen, XT (Wen, Xian-tao); Liang, J (Liang, Jie); Zhang, XD (Zhang, Xing-dong); Gu, ZW (Gu, Zhong-wei); Fan, YJ (Fan, Yu-jiang)

Source: CHINESE JOURNAL OF POLYMER SCIENCE **Volume:** 26 **Issue:** 3 **Pages:** 369-374 **DOI:** 10.1142/S0256767908003023 **Published:** MAY 2008

Accession Number: WOS:000255674000014

ISSN: 0256-7679

Record 270 of 301

Title: New HPMA copolymer-based drug carriers with covalently bound hydrophobic substituents for solid tumour targeting

Author(s): Chytil, P (Chytil, P.); Etrych, T (Etrych, T.); Konak, C (Konak, C.); Sirova, M (Sirova, M.); Mrkvan, T (Mrkvan, T.); Boucek, J (Boucek, J.); Rihova, B (Rihova, B.); Ulbrich, K (Ulbrich, K.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 127 **Issue:** 2 **Pages:** 121-130 **DOI:** 10.1016/j.jconrel.2008.01.007 **Published:** APR 21 2008

Accession Number: WOS:000255892600003

PubMed ID: 18304673

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Etrych, Tomas G-3420-2014

0000-0001-5908-5182

Konak, Cestmir H-7177-2014

Ulbrich, Karel G-5145-2014

Boucek, Jan G-5728-2017

0000-0002-9233-6702

Sirova, Milada J-8132-2014

Chytil, Petr G-9853-2014

ISSN: 0168-3659

Record 271 of 301

Title: Core-modified chitosan-based polymeric micelles for controlled release of doxorubicin

Author(s): Ye, YQ (Ye, Yi-Qing); Yang, FL (Yang, Feng-Liang); Hu, FQ (Hu, Fu-Qiang); Du, YZ (Du, Yong-Zhong); Yuan, H (Yuan, Hong); Yu, HY (Yu, He-Yong)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 352 **Issue:** 1-2 **Pages:** 294-301 **DOI:** 10.1016/j.ijpharm.2007.10.035 **Published:** MAR 20 2008

Accession Number: WOS:000254603400038

PubMed ID: 18096336

ISSN: 0378-5173

eISSN: 1873-3476

Record 272 of 301

Title: Synthesis, characterization, antitumor activity of pluronic mimicking copolymer micelles conjugated with doxorubicin via acid-cleavable linkage

Author(s): Lee, Y (Lee, Yuhan); Park, SY (Park, Sung Young); Mok, H (Mok, Hyejung); Park, TG (Park, Tae Gwan)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 19 **Issue:** 2 **Pages:** 525-531 **DOI:** 10.1021/bc700382z **Published:** FEB 2008

Accession Number: WOS:000253330400018

PubMed ID: 18163537

ISSN: 1043-1802

Record 273 of 301

Title: Adsorption characteristics of zwitterionic diblock copolymers at the silica/aqueous solution interface

Author(s): Sakai, K (Sakai, Kenichi); Vamvakaki, M (Vamvakaki, Maria); Smith, EG (Smith, Emelyn G.); Wanless, EJ (Wanless, Erica J.); Armes, SP (Armes, Steven P.); Biggs, S (Biggs, Simon)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 317 **Issue:** 2 **Pages:** 383-394 **DOI:** 10.1016/j.jcis.2007.09.072 **Published:** JAN 15 2008

Accession Number: WOS:000251556100003

PubMed ID: 17935731

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
WANLESS, ERICA	G-7089-2013	0000-0003-0869-4396
Biggs, Simon R	G-9212-2014	0000-0002-8941-1222
Vamvakaki, Maria	A-4443-2014	
Armes, Steven		0000-0002-8289-6351

ISSN: 0021-9797

Record 274 of 301

Title: Engineered nanocarriers of doxorubicin: A current update

Author(s): Patil, RR (Patil, Rajesh R.); Guhagarkar, SA (Guhagarkar, Swati A.); Devarajan, PV (Devarajan, Padma V.)

Source: CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS **Volume:** 25 **Issue:** 1 **Pages:** 1-61 **Published:** 2008

Accession Number: WOS:000254490500001

PubMed ID: 18540835

ISSN: 0743-4863

eISSN: 2162-660X

Record 275 of 301

Title: Magnetic and pH-responsive nanocarriers with multilayer core-shell architecture for anticancer drug delivery

Author(s): Guo, M (Guo, Miao); Yan, Y (Yan, Yu); Zhang, HK (Zhang, Hongkai); Yan, HS (Yan, Husheng); Cao, YJ (Cao, Youjia); Liu, KL (Liu, Keliang); Wan, SR (Wan, Shourong); Huang, JS (Huang, Junsheng); Yue, W (Yue, Wei)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 18 **Issue:** 42 **Pages:** 5104-5112 **DOI:** 10.1039/b810061f **Published:** 2008

Accession Number: WOS:000260226900010

ISSN: 0959-9428

Record 276 of 301

Title: Functional amphiphilic and biodegradable copolymers for intravenous vectorisation

Author(s): Van Butsele, K (Van Butsele, K.); Jerome, R (Jerome, R.); Jerome, C (Jerome, C.)

Source: POLYMER **Volume:** 48 **Issue:** 26 **Pages:** 7431-7443 **DOI:** 10.1016/j.polymer.2007.09.048 **Published:** DEC 13 2007

Accession Number: WOS:000252289000001

ISSN: 0032-3861

Record 277 of 301

Title: In vitro assessment of a novel polyrotaxane-based drug delivery system integrated with a cell-penetrating peptide

Author(s): Moon, C (Moon, Cheol); Kwon, YM (Kwon, Young Min); Lee, WK (Lee, Won Kyu); Park, YJ (Park, Yoon Jeong); Yang, VC (Yang, Victor C.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 124 **Issue:** 1-2 **Pages:** 43-50 **DOI:** 10.1016/j.jconrel.2007.08.029 **Published:** DEC 4 2007

Accession Number: WOS:000251849100007

PubMed ID: 17904680

ISSN: 0168-3659

eISSN: 1873-4995

Record 278 of 301

Title: Synthesis and characterization of amphiphilic block copolymers with allyl side-groups

Author(s): Hu, XL (Hu, Xiuli); Chen, XS (Chen, Xuesi); Xie, ZG (Xie, Zhigang); Liu, S (Liu, Shi); Jing, XB (Jing, Xiabin)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 45 **Issue:** 23 **Pages:** 5518-5528 **DOI:** 10.1002/pola.22297 **Published:** DEC 1 2007

Accession Number: WOS:000251631100015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xie, Zhigang	E-6501-2010	0000-0003-2974-1825

ISSN: 0887-624X

Record 279 of 301

Title: In vitro and in vivo properties of polymeric micellar drug delivery system with pH-controlled release of doxorubicin.

Author(s): Vetvicka, D (Vetvicka, David); Hruby, M (Hruby, Martin); Ulbrich, K (Ulbrich, Karel); Rihova, B (Rihova, Blanka)

Source: MOLECULAR CANCER THERAPEUTICS **Volume:** 6 **Issue:** 12 **Pages:** 3562S-3563S **Part:** 2 **Published:** DEC 2007

Accession Number: WOS:000251969000696

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Rihova, Blanka	J-6314-2014	
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Vetvicka, David	O-2384-2017	0000-0002-6098-1213

ISSN: 1535-7163

Record 280 of 301

Title: Tumoral acidic extracellular pH targeting of pH-responsive MPEG-poly (beta-amino ester) block copolymer micelles for cancer therapy

Author(s): Ko, J (Ko, Jinyoung); Park, K (Park, Kyeongsoon); Kim, YS (Kim, Yoo-Shin); Kim, MS (Kim, Min Sang); Han, JK (Han, Jong Kwon); Kim, K (Kim, Kwangmeyung); Park, RW (Park, Rang-Woon); Kim, IS (Kim, In-San); Song, HK (Song, Hyun Kyu); Lee, DS (Lee, Doo Sung); Kwon, IC (Kwon, Ick Chan)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 123 **Issue:** 2 **Pages:** 109-115 **DOI:** 10.1016/j.jconrel.2007.07.012 **Published:** NOV 6 2007

Accession Number: WOS:000251039600004

PubMed ID: 17894942

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
LEE, DOO SUNG	D-3363-2011	
Kang, Bo Kyung	F-6726-2015	
Kim, In-San	D-3956-2017	
Song, Hyun Kyu	D-6763-2016	0000-0001-5684-4059
김, 인산	I-8988-2014	

ISSN: 0168-3659

Record 281 of 301

Title: Complexation and release of doxorubicin from its complexes with pluronic P85-b-poly(acrylic acid) block copolymers

Author(s): Tian, Y (Tian, Y.); Bromberg, L (Bromberg, L.); Lin, SN (Lin, S. N.); Hatton, TA (Hatton, T. Alan); Tam, KC (Tam, Kam C.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 121 **Issue:** 3 **Pages:** 137-145 **DOI:** 10.1016/j.jconrel.2007.05.010 **Published:** AUG 28 2007

Accession Number: WOS:000249594700002

PubMed ID: 17630011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tam, Michael	G-4813-2010	0000-0002-7603-5635

ISSN: 0168-3659

Record 282 of 301

Title: Endocytic mechanisms for targeted drug delivery

Author(s): Bareford, LA (Bareford, Lisa A.); Swaan, PW (Swaan, Peter W.)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 59 **Issue:** 8 **Pages:** 748-758 **DOI:** 10.1016/j.addr.2007.06.008 **Published:** AUG 10 2007

Accession Number: WOS:000249935000006

PubMed ID: 17659804

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Swaan, Peter		0000-0003-1767-1487

ISSN: 0169-409X

Record 283 of 301

Title: Triggered destabilisation of polymeric micelles and vesicles by changing polymers polarity: An attractive tool for drug delivery

Author(s): Rijcken, CJF (Rijcken, C. J. F.); Soga, O (Soga, O.); Hennink, WE (Hennink, W. E.); van Nostrum, CF (van Nostrum, C. F.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 120 **Issue:** 3 **Pages:** 131-148 **DOI:** 10.1016/j.jconrel.2007.03.023 **Published:** JUL 31 2007

Accession Number: WOS:000248868100001

PubMed ID: 17582642

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
van Nostrum, Cornelus I	9445-2016	

ISSN: 0168-3659

eISSN: 1873-4995

Record 284 of 301

Title: Polymeric micelles as nanocarriers for drug delivery

Author(s): Qiu, LY (Qiu, Liyan); Zheng, C (Zheng, Cheng); Jin, Y (Jin, Yi); Zhu, KJE (Zhu, Kangjie)

Source: EXPERT OPINION ON THERAPEUTIC PATENTS **Volume:** 17 **Issue:** 7 **Pages:** 819-830 **DOI:** 10.1517/13543776.17.7.819 **Published:** JUL 2007

Accession Number: WOS:000248468700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jin, Yiguang H	6742-2013	0000-0002-3528-1397

ISSN: 1354-3776

eISSN: 1744-7674

Record 285 of 301

Title: Synthesis and characterization of degradable p(HEMA) microgels: Use of acid-labile crosslinkers

Author(s): Bulmus, V (Bulmus, Volga); Chan, Y (Chan, Yannie); Nguyen, Q (Nguyen, Quyen); Tran, HL (Tran, Hong L.)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 7 **Issue:** 4 **Pages:** 446-455 **DOI:** 10.1002/mabi.200600258 **Published:** APR 10 2007

Accession Number: WOS:000246000800007

PubMed ID: 17429806

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bulmus, Volga		0000-0001-9944-1444

ISSN: 1616-5187

Record 286 of 301

Title: Preparation and characterization of N-succinyl-N'-octyl chitosan micelles as doxorubicin carriers for effective anti-tumor activity

Author(s): Xu, XY (Xu Xiangyang); Li, L (Li Ling); Zhou, HP (Zhou Hanping); Lu, SY (Lu Shiyue); Yang, H (Yang He); Yin, XJ (Yin Xiaojin); Ren, JS (Ren Jinsheng)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 55 **Issue:** 2 **Pages:** 222-228 **DOI:** 10.1016/j.colsurfb.2006.12.006 **Published:** APR 1 2007

Accession Number: WOS:000245158000014

PubMed ID: 17254755

ISSN: 0927-7765

eISSN: 1873-4367

Record 287 of 301

Title: Bio-functional micelles self-assembled from a folate-conjugated block copolymer for targeted intracellular delivery of anticancer drugs

Author(s): Liu, SQ (Liu, Shao-Qiong); Wiradharma, N (Wiradharma, Nikken); Gao, SJ (Gao, Shu-Jun); Tong, YW (Tong, Yen Wah); Yang, YY (Yang, Yi-Yan)

Source: BIOMATERIALS **Volume:** 28 **Issue:** 7 **Pages:** 1423-1433 **DOI:** 10.1016/j.biomaterials.2006.11.013 **Published:** MAR 2007

Accession Number: WOS:000243773200011

PubMed ID: 17141308

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yang, Yi Yan	C-1338-2014	0000-0002-1871-5448
Tong, Yen Wah D	4602-2009	0000-0002-6004-6284

ISSN: 0142-9612

Record 288 of 301

Title: Role of alkyl chain length and mole concentration of hydrophobic moiety in association behavior of amphiphilic polyelectrolytes in aqueous media

Author(s): Lim, HJ (Lim, Hyung Jun); Cho, EC (Cho, Eun Chul); Kim, J (Kim, Junoh); Chang, IS (Chang, Ih-Seop)

Source: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS **Volume:** 294 **Issue:** 1-3 **Pages:** 71-79 **DOI:** 10.1016/j.colsurfa.2006.07.048 **Published:** FEB 15 2007

Accession Number: WOS:000244617500010

ISSN: 0927-7757

eISSN: 1873-4359

Record 289 of 301

Title: Self-assembled surfactant nano-structures important in drug delivery: A review

Author(s): Sagar, GH (Sagar, Giddi Hema); Arunagirinathan, MA (Arunagirinathan, M. A.); Bellare, JR (Bellare, Jayesh R.)

Source: INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY **Volume:** 45 **Issue:** 2 **Pages:** 133-159 **Published:** FEB 2007

Accession Number: WOS:000244594800002

PubMed ID: 17375554

ISSN: 0019-5189

eISSN: 0975-1009

Record 290 of 301

Title: Polymeric micelles for drug targeting

Author(s): Mahmud, A (Mahmud, Abdullah); Xiong, XB (Xiong, Xiao-Bing); Aliabadi, HM (Aliabadi, Hamidreza Montazeri); Lavasanifar, A (Lavasaniifar, Afsaneh)

Source: JOURNAL OF DRUG TARGETING **Volume:** 15 **Issue:** 9 **Pages:** 553-584 **DOI:** 10.1080/10611860701538586 **Published:** 2007

Accession Number: WOS:000251334600001

PubMed ID: 17968711

ISSN: 1061-186X

eISSN: 1029-2330

Record 291 of 301

Title: Polymeric nanovehicles for anticancer drugs with triggering release mechanisms

Author(s): Oh, KT (Oh, Kyung T.); Yin, HQ (Yin, Haiqing); Lee, ES (Lee, Eun Seong); Bae, YH (Bae, You Han)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 17 **Issue:** 38 **Pages:** 3987-4001 **DOI:** 10.1039/b707142f **Published:** 2007

Accession Number: WOS:000249740300014

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Yin, Haiqing C-8562-2009

ISSN: 0959-9428

Record 292 of 301

Title: Responsive Self-Assembled Nanostructures

Author(s): Palivan, CG (Palivan, Cornelia G.); Vebert, C (Vebert, Corinne); Axthelm, F (Axthelm, Fabian); Meier, W (Meier, Wolfgang)

Edited by: VoDinh T

Source: NANOTECHNOLOGY IN BIOLOGY AND MEDICINE: METHODS, DEVICES, AND APPLICATIONS **Published:** 2007

Accession Number: WOS:000268735400032

ISBN: 978-0-8493-2949-4

Book DOI: 10.1201/9781420004441

Record 293 of 301

Title: Micellar nanocarriers: Pharmaceutical perspectives

Author(s): Torchilin, VP (Torchilin, V. P.)

Source: PHARMACEUTICAL RESEARCH **Volume:** 24 **Issue:** 1 **Pages:** 1-16 **DOI:** 10.1007/s11095-006-9132-0 **Published:** JAN 2007

Accession Number: WOS:000242627900001

PubMed ID: 17109211

ISSN: 0724-8741

eISSN: 1573-904X

Record 294 of 301

Title: Acid-cleavable polymeric core-shell particles for delivery of hydrophobic drugs

Author(s): Chan, Y (Chan, Yannie); Bulmus, V (Bulmus, Volga); Zareie, MH (Zareie, M. Hadi); Byrne, FL (Byrne, Frances L.); Barner, L (Barner, Leonie); Kavallaris, M (Kavallaris, Maria)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 115 **Issue:** 2 **Pages:** 197-207 **DOI:** 10.1016/j.jconrel.2006.07.025 **Published:** OCT 10 2006

Accession Number: WOS:000242134300011

PubMed ID: 16996635

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kavallaris, Maria	J-5240-2014	
zareie, hadi	E-7148-2015	
Barner, Leonie	B-6291-2008	0000-0002-6034-0942
Bulmus, Volga		0000-0001-9944-1444
Byrne, Frances		0000-0002-8897-8438

ISSN: 0168-3659

Record 295 of 301

Title: Characterizing the pH-responsive behavior of thin films of diblock copolymer micelles at the silica/aqueous solution interface

Author(s): Sakai, K (Sakai, Kenichi); Smith, EG (Smith, Emelyn G.); Webber, GB (Webber, Grant B.); Baker, M (Baker, Murray); Wanless, EJ (Wanless, Erica J.); Butun, V (Butun, Vural); Armes, SP (Armes, Steven P.); Biggs, S (Biggs, Simon)

Source: LANGMUIR **Volume:** 22 **Issue:** 20 **Pages:** 8435-8442 **DOI:** 10.1021/la061708f **Published:** SEP 26 2006

Accession Number: WOS:000240573200029

PubMed ID: 16981760

Author Identifiers:

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Biggs, Simon R	G-9212-2014	0000-0002-8941-1222
BUTUN, Vural	V-5171-2017	0000-0003-4542-5080
Armes, Steven		0000-0002-8289-6351
Baker, Murray		0000-0002-0482-3421

ISSN: 0743-7463

Record 296 of 301

Title: Environmental-sensitive micelles based on poly(2-ethyl-2-oxazoline)-b-poly(L-lactide) diblock copolymer for application in drug delivery

Author(s): Hsiue, GH (Hsiue, Ging-Ho); Wang, CH (Wang, Chun-Hung); Lo, CL (Lo, Chun-Liang); Wang, CH (Wang, Chau-Hui); Li, JP (Li, Ju-Pi); Yang, JL (Yang, Jia-Ling)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 317 **Issue:** 1 **Pages:** 69-75 **DOI:** 10.1016/j.ijpharm.2006.03.002 **Published:** JUL 6 2006

Accession Number: WOS:000238961100012

PubMed ID: 16616820

ISSN: 0378-5173

Record 297 of 301

Title: Synthesis and in vitro modeling and characterization of self-assembling drug conjugates for targeted medicinal application

Author(s): Sarker, DK (Sarker, D. K.)

Source: MINI-REVIEWS IN MEDICINAL CHEMISTRY **Volume:** 6 **Issue:** 7 **Pages:** 793-803 **DOI:** 10.2174/138955706777698679 **Published:** JUL 2006

Accession Number: WOS:000237958000007

PubMed ID: 16842129

ISSN: 1389-5575

eISSN: 1875-5607

Record 298 of 301

Title: Comparison of the adsorption of cationic diblock copolymer micelles from aqueous solution onto mica and silica

Author(s): Sakai, K (Sakai, Kenichi); Smith, EG (Smith, Emelyn G.); Webber, GB (Webber, Grant B.); Schatz, C (Schatz, Christophe); Wanless, EJ (Wanless, Erica J.); Butun, V (Butun, Vural); Armes, SP (Armes, Steven P.); Biggs, S (Biggs, Simon)

Source: LANGMUIR **Volume:** 22 **Issue:** 12 **Pages:** 5328-5333 **DOI:** 10.1021/la060662n **Published:** JUN 6 2006

Accession Number: WOS:000237921100024

PubMed ID: 16732660

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
BUTUN, Vural	V-5171-2017	0000-0003-4542-5080
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Biggs, Simon R	G-9212-2014	0000-0002-8941-1222
WANLESS, ERICA	G-7089-2013	0000-0003-0869-4396
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ISSN: 0743-7463

Record 299 of 301

Title: Recent progress in pH/temperature-responsive amphiphilic block copolymers

Author(s): Zhao, Q (Zhao Qun); Ni, PH (Ni, Peihong)

Source: PROGRESS IN CHEMISTRY **Volume:** 18 **Issue:** 6 **Pages:** 768-779 **Published:** JUN 2006

Accession Number: WOS:000238548200011

ISSN: 1005-281X

Record 300 of 301

Title: Block copolymer micelles: preparation, characterization and application in drug delivery

Author(s): Gaucher, G (Gaucher, G); Dufresne, MH (Dufresne, MH); Sant, VP (Sant, VP); Kang, N (Kang, N); Maysinger, D (Maysinger, D); Leroux, JC (Leroux, JC)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 109 **Issue:** 1-3 **Special Issue:** SI **Pages:** 169-188 **DOI:** 10.1016/j.jconrel.2005.09.034 **Published:** DEC 5 2005

Accession Number: WOS:000234450700018

PubMed ID: 16289422

Conference Title: 12th International Symposium on Recent Advances in Drug Delivery Systems

Conference Date: FEB 21-24, 2005

Conference Location: Salt Lake City, UT

Conference Sponsors: Abbott Labs, Ind Technol Res Inst, Nitto Denko Corp, Samyang Corp, Shiseido Res Ctr, Watson Labs

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Leroux, Jean-Christophe	N-4202-2015	0000-0001-5601-1292
Xu, Qingguo	C-1962-2014	0000-0003-3191-0771

ISSN: 0168-3659

eISSN: 1873-4995

Record 301 of 301

Title: Fabrication of poly(lactic acid) diacrylate nanospheres with double bonds

Author(s): Zhang, XZ (Zhang, XZ); Chu, CC (Chu, CC)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 26 **Issue:** 10 **Pages:** 840-844 **DOI:** 10.1002/marc.200400666 **Published:** MAY 19 2005

Accession Number: WOS:000229424200013

ISSN: 1022-1336

Publication No 2 of 132

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

eISSN: 1521-3927

Record 1 of 147

Title: Thermoresponsive hydrogels formed by poly(2-oxazoline) triblock copolymers

Author(s): Monnery, BD (Monnery, Bryn D.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 10 **Issue:** 25 **Pages:** 3480-3487 **DOI:** 10.1039/c9py00300b **Published:** JUL 7 2019

Accession Number: WOS:000472775800004

ISSN: 1759-9954

eISSN: 1759-9962

Record 2 of 147

Title: Chitosan/poly(2-ethyl-2-oxazoline) films for ocular drug delivery: Formulation, miscibility, in vitro and in vivo studies

Author(s): Abilova, GK (Abilova, Guzel K.); Kaldybekov, DB (Kaldybekov, Daulet B.); Ozhmukhametova, EK (Ozhmukhametova, Elvira K.); Saimova, AZ (Saimova, Aisulu Zh.); Kazybayeva, DS (Kazybayeva, Diara S.); Irmukhametova, GS (Irmukhametova, Galiya S.); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 116 **Pages:** 311-320 **DOI:** 10.1016/j.eurpolymj.2019.04.016 **Published:** JUL 2019

Accession Number: WOS:000471736700032

Conference Title: 4th International Conference on Bio-Based Polymers and Composites (BiPoCo)

Conference Date: SEP 02-06, 2018

Conference Location: Balatonfured, HUNGARY

ISSN: 0014-3057

eISSN: 1873-1945

Record 3 of 147

Title: Ecotoxicological impact of selected polyethylenimines toward their potential application as nitrogen fertilizers with prolonged activity

Author(s): Rychter, P (Rychter, Piotr); Christova, D (Christova, Darinka); Lewicka, K (Lewicka, Kamila); Rogacz, D (Rogacz, Diana)

Source: CHEMOSPHERE **Volume:** 226 **Pages:** 800-808 **DOI:** 10.1016/j.chemosphere.2019.03.128 **Published:** JUL 2019

Accession Number: WOS:000468709500086

PubMed ID: 30965251

Author Identifiers:

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Rychter, Piotr		0000-0002-2143-0208
Christova, Darinka		0000-0002-2735-6926

ISSN: 0045-6535

eISSN: 1879-1298

Record 4 of 147

Title: Macropropagation Rate Coefficients and Branching Levels in Cationic Ring-Opening Polymerization of 2-Ethyl-2-oxazoline through Prediction of Size Exclusion Chromatography Data

Author(s): Arraez, FJ (Arraez, Francisco J.); Xu, XW (Xu, Xiaowen); Van Steenberge, PHM (Van Steenberge, Paul H. M.); Jerca, VV (Jerca, Valentin-Victor); Hoogenboom, R (Hoogenboom, Richard); D'hooge, DR (D'hooge, Dagmar R.)

Source: MACROMOLECULES **Volume:** 52 **Issue:** 11 **Pages:** 4067-4078 **DOI:** 10.1021/acs.macromol.9b00544 **Published:** JUN 11 2019

Accession Number: WOS:000471729000011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Xiaowen	R-7169-2017	0000-0003-1404-6619

ISSN: 0024-9297

Record 5 of 147

Title: Fructose-sensitive thermal transition behaviour of boronic ester-bearing telechelic poly(2-isopropyl-2-oxazoline)

Author(s): Lee, J (Lee, Jiyoung); Park, JM (Park, Jong Min); Jang, WD (Jang, Woo-Dong)

Source: CHEMICAL COMMUNICATIONS **Volume:** 55 **Issue:** 23 **Pages:** 3343-3346 **DOI:** 10.1039/c8cc09835b **Published:** MAR 21 2019

Accession Number: WOS:000461397500004

PubMed ID: 30815645

ISSN: 1359-7345

eISSN: 1364-548X

Record 6 of 147

Title: Synthesis of defined high molar mass poly(2-methyl-2-oxazoline)

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 10 **Issue:** 11 **Pages:** 1286-1290 **DOI:** 10.1039/c9py00013e **Published:** MAR 21 2019

Accession Number: WOS:000461062300001

Author Identifiers:

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Monnery, Bryn		0000-0001-5691-5451

ISSN: 1759-9954

eISSN: 1759-9962

Record 7 of 147

Title: Protein Adsorption and Coordination-Based End-Tethering of Functional Polymers on Metal-Phenolic Network Films

Author(s): Tardy, BL (Tardy, Blaise L.); Richardson, JJ (Richardson, Joseph J.); Nithipipat, V (Nithipipat, Vichida); Kempe, K (Kempe, Kristian); Guo, JL (Guo, Junling); Cho, KL (Cho, Kwun Lun); Rahim, MA (Rahim, Md. Arifur); Ejima, H (Ejima, Hirotaka); Caruso, F (Caruso, Frank)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 3 **Pages:** 1421-1428 **DOI:** 10.1021/acs.biomac.9b00006 **Published:** MAR 2019

Accession Number: WOS:000461270500029

PubMed ID: 30794387

Author Identifiers:

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Guo, Junling		0000-0002-2948-880X
Tardy, Blaise		0000-0002-7648-0376

ISSN: 1525-7797

eISSN: 1526-4602

Record 8 of 147

Title: Intrinsically permeable polymer vesicles based on carbohydrate-conjugated poly(2-oxazoline)s synthesized using a carbohydrate-based initiator system

Author(s): Nishimura, T (Nishimura, Tomoki); Sumi, N (Sumi, Naoki); Koda, Y (Koda, Yuta); Sasaki, Y (Sasaki, Yoshihiro); Akiyoshi, K (Akiyoshi, Kazunari)

Source: POLYMER CHEMISTRY **Volume:** 10 **Issue:** 6 **Pages:** 691-697 **DOI:** 10.1039/c8py01502c **Published:** FEB 14 2019

Accession Number: WOS:000457793200012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Koda, Yuta	O-8662-2019	0000-0003-1724-2359

ISSN: 1759-9954

eISSN: 1759-9962

Record 9 of 147

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:**

SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Hruby, Martin H-6479-2014

ISSN: 0968-5243

eISSN: 1352-8661

Record 10 of 147

Title: Probing membrane asymmetry of ABC polymersomes

Author(s): Konishcheva, EV (Konishcheva, Evgeniia V.); Daubian, D (Daubian, Davy); Rigo, S (Rigo, Serena); Meier, WP (Meier, Wolfgang P.)

Source: CHEMICAL COMMUNICATIONS **Volume:** 55 **Issue:** 8 **Pages:** 1148-1151 **DOI:** 10.1039/c8cc09659g **Published:** JAN 25 2019

Accession Number: WOS:000458544800030

PubMed ID: 30632557

Author Identifiers:

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Konishcheva, Evgeniia 0000-0003-2995-6279

ISSN: 1359-7345

eISSN: 1364-548X

Record 11 of 147

Title: Straightforward Route to Superhydrophilic Poly(2-oxazoline)s via Acylation of Well-Defined Polyethylenimine

Author(s): Sedlacek, O (Sedlacek, Ondrej); Janouskova, O (Janouskova, Olga); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 1 **Pages:** 222-230 **DOI:** 10.1021/acs.biomac.8b01366 **Published:** JAN 2019

Accession Number: WOS:000456349600019

PubMed ID: 30512933

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274

ISSN: 1525-7797

eISSN: 1526-4602

Record 12 of 147

Title: Importance of Thermally Induced Aggregation on F-19 Magnetic Resonance Imaging of Perfluoropolyether-Based Comb-Shaped Poly(2-oxazoline)s

Author(s): Zhang, C (Zhang, Cheng); Sanchez, RJP (Sanchez, Ronny Javier Pibaque); Fu, CK (Fu, Changkui); Clayden-Zabik, R (Clayden-Zabik, Ryan); Peng, H (Peng, Hui); Kempe, K (Kempe, Kristian); Whittaker, AK (Whittaker, Andrew K.)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 1 **Pages:** 365-374 **DOI:** 10.1021/acs.biomac.8b01549 **Published:** JAN 2019

Accession Number: WOS:000456349600032

PubMed ID: 30495941

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
ZHANG, CHENG		0000-0002-2722-7497
Whittaker, Andrew	E-6172-2011	0000-0002-1948-8355

ISSN: 1525-7797

eISSN: 1526-4602

Record 13 of 147

Title: Synthesis and characterization of hydrolytically degradable poly(N-vinylcaprolactam) copolymers with in-chain ester groups

Author(s): Andrei, M (Andrei, Maria); Stanescu, PO (Stanescu, Paul O.); Draghici, C (Draghici, Constantin); Butac, LM (Butac, Livia Maria); Teodorescu, M (Teodorescu, Mircea)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 296 **Issue:** 11 **Pages:** 1905-1915 **DOI:** 10.1007/s00396-018-4414-8 **Published:** NOV 2018

Accession Number: WOS:000448691100017

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Teodorescu, Mircea B-5230-2012 0000-0002-0333-911X
ISSN: 0303-402X
eISSN: 1435-1536

Record 14 of 147

Title: Poly(2-oxazoline)s with pendant cubane groups

Author(s): Glassner, M (Glassner, Mathias); Verbraeken, B (Verbraeken, Bart); Jerca, VV (Jerca, Valentin Victor); Van Hecke, K (Van Hecke, Kristof); Tsanaksidis, J (Tsanaksidis, John); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 39 **Pages:** 4840-4847 **DOI:** 10.1039/c8py01037d **Published:** OCT 21 2018

Accession Number: WOS:000448347000004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jerca, Valentin Victor	M-5326-2017	0000-0001-6997-4979
Tsanaksidis, John	A-9225-2011	0000-0002-4704-1382
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Glassner, Mathias	C-6242-2013	0000-0003-3245-5109

ISSN: 1759-9954

eISSN: 1759-9962

Record 15 of 147

Title: POxylated graphene oxide nanomaterials for combination chemophototherapy of breast cancer cells

Author(s): de Melo-Diogo, D (de Melo-Diogo, Duarte); Costa, EC (Costa, Elisabete C.); Alves, CG (Alves, Catia G.); Lima-Sousa, R (Lima-Sousa, Rita); Ferreira, P (Ferreira, Paula); Louro, RO (Louro, Ricardo O.); Correia, IJ (Correia, Ilidio J.)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS **Volume:** 131 **Pages:** 162-169 **DOI:** 10.1016/j.ejpb.2018.08.008 **Published:** OCT 2018

Accession Number: WOS:000446284400017

PubMed ID: 30134185

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Ferreira, Paula	I-6288-2013	0000-0003-3393-4427
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Diogo, Duarte Miguel de Melo		0000-0001-9984-3603
Gomes Alves, Catia		0000-0001-7066-3051

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Record 16 of 147

Title: Robust and Biocompatible Functionalization of ZnS Nanoparticles by Catechol-Bearing Poly(2-methyl-2-oxazoline)s

Author(s): De Fazio, AF (De Fazio, Angela Federica); Morgese, G (Morgese, Giulia); Mognato, M (Mognato, Maddalena); Piotto, C (Piotto, Celeste); Pedron, D (Pedron, Danilo); Ischia, G (Ischia, Gloria); Causin, V (Causin, Valerio); Rosenboom, JG (Rosenboom, Jan-Georg); Benetti, EM (Benetti, Edmondo M.); Gross, S (Gross, Silvia)

Source: LANGMUIR **Volume:** 34 **Issue:** 38 **Pages:** 11534-11543 **DOI:** 10.1021/acs.langmuir.8b02287 **Published:** SEP 25 2018

Accession Number: WOS:000445972000035

PubMed ID: 30170495

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Morgese, Giulia		0000-0002-4706-1009
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Gross, Silvia	O-6692-2015	0000-0003-1860-8711
Benetti, Edmondo Maria		0000-0002-5657-5714

ISSN: 0743-7463

Record 17 of 147

Title: Self-Assembled Thermoresponsive Polymeric Nanogels for F-19 MR Imaging

Author(s): Kolouchova, K (Kolouchova, Kristyna); Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Babuka, D (Babuka, David); Blahut, J (Blahut, Jan); Kotek, J (Kotek, Jan); Vit, M (Vit, Martin); Trousil, J (Trousil, Jiri); Konefal, R (Konefal, Rafal); Janouskova, O (Janouskova, Olga); Podhorska, B (Podhorska, Bohumila); Slouf, M (Slouf, Miroslav); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 8 **Pages:** 3515-3524 **DOI:** 10.1021/acs.biomac.8b00812 **Published:** AUG 2018

Accession Number: WOS:000441852400034

PubMed ID: 30011367

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Blahut, Jan	B-2073-2017	0000-0001-7752-8370
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247
Kotek, Jan	B-1157-2017	0000-0003-1777-729X

ISSN: 1525-7797

eISSN: 1526-4602

Record 18 of 147

Title: Association and Internal Morphology of Self-Assembled HPPhOx/BSA Hybrid Nanoparticles in Aqueous Solutions

Author(s): Papagiannopoulos, A (Papagiannopoulos, Aristeidis); Vlassi, E (Vlassi, Eleni); Pispas, S (Pispas, Stergios); Houston, JE (Houston, Judith Elizabeth)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 122 **Issue:** 29 **Pages:** 7426-7435 **DOI:** 10.1021/acs.jpcb.8b04364 **Published:** JUL 26 2018

Accession Number: WOS:000440519900023

PubMed ID: 29947516

Author Identifiers:

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Papagiannopoulos, Aristeidis		0000-0002-5662-9866
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ISSN: 1520-6106

Record 19 of 147

Title: Dual stimuli-responsive viologen-containing poly(2-isopropyl-2-oxazoline) and its multi-modal electrochromic phase transition

Author(s): Nam, J (Nam, Jaehyuk); Jung, Y (Jung, Yongseok); Joe, J (Joe, Jungho); Jang, WD (Jang, Woo-Dong)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 26 **Pages:** 3662-3666 **DOI:** 10.1039/c8py00591e **Published:** JUL 14 2018

Accession Number: WOS:000443414000010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jang, Woo-Dong	I-7186-2019	0000-0002-1281-6037

ISSN: 1759-9954

eISSN: 1759-9962

Record 20 of 147

Title: The Power of Shielding: Low Toxicity and High Transfection Performance of Cationic Graft Copolymers Containing Poly(2-oxazoline) Side Chains

Author(s): Trutzschler, AK (Truetzschler, Anne-Kristin); Bus, T (Bus, Tanja); Sahn, M (Sahn, Martin); Traeger, A (Traeger, Anja); Weber, C (Weber, Christine); Schubert, US (Schubert, Ulrich S.)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 7 **Pages:** 2759-2771 **DOI:** 10.1021/acsbiomac.8b00362 **Published:** JUL 2018

Accession Number: WOS:000438470800039

PubMed ID: 29791802

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

ISSN: 1525-7797

eISSN: 1526-4602

Record 21 of 147

Title: Gel Formation from Self-assembled Chitin Nanofiber Film by Grafting of Poly(2-methyl-2-oxazoline)

Author(s): Kadokawa, J (Kadokawa, Jun-ichi); Obama, Y (Obama, Yu); Yoshida, J (Yoshida, Junpei); Yamamoto, K (Yamamoto, Kazuya)

Source: CHEMISTRY LETTERS **Volume:** 47 **Issue:** 7 **Pages:** 949-952 **DOI:** 10.1246/cl.180285 **Published:** JUL 2018

Accession Number: WOS:000446902000013

ISSN: 0366-7022
eISSN: 1348-0715

Record 22 of 147

Title: Hydrolyzed Poly(2-phenyl-2-oxazoline)s in Aqueous Media and Biological Fluids

Author(s): Vlasi, E (Vlasi, Eleni); Papagiannopoulos, A (Papagiannopoulos, Aristeidis); Pispas, S (Pispas, Stergios)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 219 **Issue:** 13 **Article Number:** 1800047 **DOI:** 10.1002/macp.201800047 **Published:** JUL 2018

Accession Number: WOS:000437690400004

ISSN: 1022-1352

eISSN: 1521-3935

Record 23 of 147

Title: Human plasma proteome association and cytotoxicity of nano-graphene oxide grafted with stealth polyethylene glycol and poly(2-ethyl-2-oxazoline)

Author(s): Wang, M (Wang, Miaoyi); Gustafsson, OJR (Gustafsson, Ove J. R.); Siddiqui, G (Siddiqui, Ghizal); Javed, I (Javed, Ibrahim); Kelly, HG (Kelly, Hannah G.); Blin, T (Blin, Thomas); Yin, H (Yin, Hong); Kent, SJ (Kent, Stephen J.); Creek, DJ (Creek, Darren J.); Kempe, K (Kempe, Kristian); Ke, PC (Ke, Pu Chun); Davis, TP (Davis, Thomas P.)

Source: NANOSCALE **Volume:** 10 **Issue:** 23 **Pages:** 10863-10875 **DOI:** 10.1039/c8nr00835c **Published:** JUN 21 2018

Accession Number: WOS:000435358600006

PubMed ID: 29658020

Author Identifiers:

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Kelly, Hannah		0000-0002-4652-5609
Creek, Darren		0000-0001-7497-7082

ISSN: 2040-3364

eISSN: 2040-3372

Record 24 of 147

Title: Computational studies of micellar and nanoparticle nanomedicines

Author(s): Sen, S (Sen, Soumyo); Han, YX (Han, Yanxiao); Rehak, P (Rehak, Pavel); Vukovic, L (Vukovic, Lela); Kral, P (Kral, Petr)

Source: CHEMICAL SOCIETY REVIEWS **Volume:** 47 **Issue:** 11 **Pages:** 3849-3860 **DOI:** 10.1039/c8cs00022k **Published:** JUN 7 2018

Accession Number: WOS:000434489200007

PubMed ID: 29645040

ISSN: 0306-0012

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Record 25 of 147

Title: C1q-Mediated Complement Activation and C3 Opsonization Trigger Recognition of Stealth Poly(2-methyl-2-oxazoline)-Coated Silica Nanoparticles by Human Phagocytes

Author(s): Tavano, R (Tavano, Regina); Gabrielli, L (Gabrielli, Luca); Lubian, E (Lubian, Elisa); Fedeli, C (Fedeli, Chiara); Visentin, S (Visentin, Silvia); De Laureto, PP (De Laureto, Patrizia Polverino); Arrigoni, G (Arrigoni, Giorgio); Geffner-Smith, A (Geffner-Smith, Alessandra); Chen, FF (Chen, Fangfang); Simberg, D (Simberg, Dmitri); Morgese, G (Morgese, Giulia); Benetti, EM (Benetti, Edmondo M.); Wu, LP (Wu, Linping); Moghimi, SM (Moghimi, Seyed Moein); Mancin, F (Mancin, Fabrizio); Papini, E (Papini, Emanuele)

Source: ACS NANO **Volume:** 12 **Issue:** 6 **Pages:** 5834-5847 **DOI:** 10.1021/acsnano.8b01806 **Published:** JUN 2018

Accession Number: WOS:000436910200080

PubMed ID: 29750504

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ISSN: 1936-0851

eISSN: 1936-086X

Record 26 of 147

Title: Conformational properties of biocompatible poly(2-ethyl-2-oxazoline)s in phosphate buffered saline

Author(s): Gubarev, AS (Gubarev, Alexander S.); Monnery, BD (Monnery, Bryn D.); Lezov, AA (Lezov, Alexey A.); Sedlacek, O (Sedlacek, Ondrej); Tsvetkov, NV (Tsvetkov, Nikolai V.); Hoogenboom, R (Hoogenboom, Richard); Filippov, SK (Filippov, Sergey K.)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 17 **Pages:** 2232-2237 **DOI:** 10.1039/c8py00255j **Published:** MAY 7 2018

Accession Number: WOS:000431183700003

Author Identifiers:

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Gubarev, Alexander	J-9313-2013	0000-0002-2888-7526
Tsvetkov, Nikolai	J-7975-2013	0000-0003-2666-6073
Monnery, Bryn		0000-0001-5691-5451
Lezov, Aleksey	J-6738-2013	0000-0001-7960-6889

ISSN: 1759-9954

eISSN: 1759-9962

Record 27 of 147

Title: Renewable (Bis)pyrrolidone Based Monomers as Components for Thermally Curable and Enzymatically Depolymerizable 2-Oxazoline Thermoset Resins

Author(s): Roy, M (Roy, Manta); Noordzij, GJ (Noordzij, Geert J.); van den Boomen, Y (van den Boomen, Yara); Rastogi, S (Rastogi, Sanjay); Wilsens, CHRM (Wilsens, Carolus H. R. M.)

Source: ACS SUSTAINABLE CHEMISTRY & ENGINEERING **Volume:** 6 **Issue:** 4 **Pages:** 5053-5066 **DOI:** 10.1021/acssuschemeng.7b04716 **Published:** APR 2018

Accession Number: WOS:000429285800070

PubMed ID: 29780674

ISSN: 2168-0485

Record 28 of 147

Title: PMMA-g-OEtOx Graft Copolymers: Influence of Grafting Degree and Side Chain Length on the Conformation in Aqueous Solution

Author(s): Muljajew, I (Muljajew, Irina); Weber, C (Weber, Christine); Nischang, I (Nischang, Ivo); Schubert, US (Schubert, Ulrich S.)

Source: MATERIALS **Volume:** 11 **Issue:** 4 **Article Number:** 528 **DOI:** 10.3390/ma11040528 **Published:** APR 2018

Accession Number: WOS:000434710200070

PubMed ID: 29601496

Author Identifiers:

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Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

ISSN: 1996-1944

Record 29 of 147

Title: Thermoresponsive poly(2-oxazoline) homopolymers and copolymers in aqueous solutions studied by NMR spectroscopy and dynamic light scattering

Author(s): Konefal, R (Konefal, Rafal); Spevacek, J (Spevacek, Jiri); Cernoch, P (Cernoch, Peter)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 100 **Pages:** 241-252 **DOI:** 10.1016/j.eurpolymj.2018.01.019 **Published:** MAR 2018

Accession Number: WOS:000429760600028

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernoch, Peter	H-6988-2014	
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Spevacek, Jiri	H-2076-2014	0000-0002-1455-3488

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Record 30 of 147

Title: Mechanochemical Preparation of Stable Sub-100nm-Cyclodextrin:Buckminsterfullerene (C60) Nanoparticles by Electrostatic or Steric Stabilization

Author(s): Van Guyse, JFR (Van Guyse, Joachim F. R.); de la Rosa, VR (de la Rosa, Victor R.); Hoogenboom, R (Hoogenboom, Richard)

Source: CHEMISTRY-A EUROPEAN JOURNAL **Volume:** 24 **Issue:** 11 **Pages:** 2758-2766 **DOI:**

10.1002/chem.201705647 **Published:** FEB 21 2018

Accession Number: WOS:000425626800032

PubMed ID: 29232020

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard B	8977-2008	0000-0001-7398-2058
Van Guyse, Joachim		0000-0001-5725-6531

ISSN: 0947-6539

eISSN: 1521-3765

Record 31 of 147

Title: In-vitro cytotoxic activities of poly(2-ethyl-2-oxazoline)-based amphiphilic block copolymers prepared by CuAAC click chemistry

Author(s): Gulyuz, S (Gulyuz, S.); Ozkose, UU (Ozkose, U. U.); Kocak, P (Kocak, P.); Telci, D (Telci, D.); Yilmaz, O (Yilmaz, O.); Tasdelen, MA (Tasdelen, M. A.)

Source: EXPRESS POLYMER LETTERS **Volume:** 12 **Issue:** 2 **Pages:** 146-158 **DOI:** 10.3144/expresspolymlett.2018.13 **Published:** FEB 2018

Accession Number: WOS:000419153200005

Author Identifiers:

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Telci, Dilek N	5053-2019	0000-0002-2793-6533

ISSN: 1788-618X

Record 32 of 147

Title: Dendritic poly(benzyl ether)-b-poly(N-vinylcaprolactam) block copolymers: Self-organization in aqueous media, thermoresponsiveness and biocompatibility

Author(s): Tang, G (Tang, Gang); Hu, MQ (Hu, Minqi); He, FX (He, Fuxi); You, D (You, Dan); Qian, YY (Qian, Yangyang); Bi, YM (Bi, Yunmei)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 56 **Issue:** 3 **Pages:** 300-308 **DOI:** 10.1002/pola.28897 **Published:** FEB 1 2018

Accession Number: WOS:000418342400006

ISSN: 0887-624X

eISSN: 1099-0518

Record 33 of 147

Title: Beyond PEGylation: Alternative surface-modification of nanoparticles with mucus-inert biomaterials

Author(s): Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 124 **Pages:** 140-149 **DOI:** 10.1016/j.addr.2017.07.015 **Published:** JAN 15 2018

Accession Number: WOS:000426333000011

PubMed ID: 28736302

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Khutoryanskiy, Vitaliy V.	D-3712-2012	0000-0002-7221-2630

ISSN: 0169-409X

eISSN: 1872-8294

Record 34 of 147

Title: Stealth coatings for nanoparticles: polyethylene glycol alternatives

Author(s): Hadjesfandiari, N (Hadjesfandiari, Narges); Parambath, A (Parambath, Anilkumar)

Edited by: Parambath A

Source: ENGINEERING OF BIOMATERIALS FOR DRUG DELIVERY SYSTEMS: BEYOND POLYETHYLENE GLYCOL **Book Series:** Woodhead Publishing Series in Biomaterials **Pages:** 345-361 **DOI:** 10.1016/B978-0-08-101750-0.00013-1 **Published:** 2018

Accession Number: WOS:000472671600013

ISSN: 2049-9485

ISBN: 978-0-08-101751-7; 978-0-08-101750-0

Record 35 of 147

Title: Poly(2-oxazoline)s: A comprehensive overview of polymer structures and their physical properties

Author(s): Glassner, M (Glassner, Mathias); Vergaelen, M (Vergaelen, Maarten); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER INTERNATIONAL **Volume:** 67 **Issue:** 1 **Pages:** 32-45 **DOI:** 10.1002/pi.5457 **Published:** JAN 2018

Accession Number: WOS:000417615100005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard B.	8977-2008	0000-0001-7398-2058
Glassner, Mathias	C-6242-2013	0000-0003-3245-5109

ISSN: 0959-8103

eISSN: 1097-0126

Record 36 of 147

Title: Self-assembly in Polymer Systems Inspired by Living Nature

Author(s): Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 294-300 **Published:** 2018

Accession Number: WOS:000433031600002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Record 37 of 147

Title: Stable pH responsive layer-by-layer assemblies of partially hydrolysed poly(2-ethyl-2-oxazoline) and poly(acrylic acid) for effective prevention of protein, cell and bacteria surface attachment

Author(s): He, T (He, Tao); Janczewski, D (Janczewski, Dominik); Guo, SF (Guo, Shifeng); Man, SM (Man, Shu Mei); Jiang, S (Jiang, Shan); Tan, WS (Tan, Wui Siew)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 161 **Pages:** 269-278 **DOI:** 10.1016/j.colsurfb.2017.10.031 **Published:** JAN 1 2018

Accession Number: WOS:000423636100033

PubMed ID: 29096371

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Janczewski, Dominik	F-2464-2013	0000-0002-5466-6444

ISSN: 0927-7765

eISSN: 1873-4367

Record 38 of 147

Title: Dual thermoresponsive homopolypeptide with LCST-type linkages and UCST-type pendants: Synthesis, characterization, and thermoresponsive properties

Author(s): Li, MJ (Li, Minjie); He, XL (He, Xiongliang); Ling, Y (Ling, Ying); Tang, HY (Tang, Haoyu)

Source: POLYMER **Volume:** 132 **Pages:** 264-272 **DOI:** 10.1016/j.polymer.2017.11.016 **Published:** DEC 6 2017

Accession Number: WOS:000416042500030

ISSN: 0032-3861

eISSN: 1873-2291

Record 39 of 147

Title: Behavior of Aqueous Solutions of Thermosensitive Starlike Polyalkyloxazolines with Different Arm Structures

Author(s): Kirila, TY (Kirila, T. Yu.); Kurlykin, MP (Kurlykin, M. P.); Tenkovtsev, AV (Tenkovtsev, A. V.); Filippov, AP (Filippov, A. P.)

Source: POLYMER SCIENCE SERIES A **Volume:** 59 **Issue:** 6 **Pages:** 826-838 **DOI:** 10.1134/S0965545X17060050 **Published:** NOV 2017

Accession Number: WOS:000426689300002

Author Identifiers:

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Kurlykin, Mikhail	U-4395-2018	0000-0002-4942-3026
Tenkovtsev, Andrey V.	L-9868-2015	0000-0002-3467-2740
Kirila, Tatyana U.	I-3133-2018	
Kirila, Tatyana		0000-0002-6198-8599

ISSN: 0965-545X

eISSN: 1555-6107

Record 40 of 147

Title: Poly(2-ethyl-2-oxazoline) conjugates with doxorubicin for cancer therapy: In vitro and in vivo evaluation and direct comparison to poly [N-(2-hydroxypropyl)methacrylamide] analogues

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Mattova, J (Mattova, Jana); Kucka, J (Kucka, Jan); Panek, J (Panek, Jiri); Janouskova, O (Janouskova, Olga); Hoherl, A (Hoherl, Anita); Verbraeken, B (Verbraeken, Bart); Vergaelen, M (Vergaelen, Maarten); Zadinova, M (Zadinova, Marie); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: BIOMATERIALS **Volume:** 146 **Pages:** 1-12 **DOI:** 10.1016/j.biomaterials.2017.09.003 **Published:** NOV 2017

Accession Number: WOS:000412958000001

PubMed ID: 28892751

Author Identifiers:

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Hoherl, Anita	G-6222-2014	
Kucka, Jan	G-7884-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Panek, Jiri	H-7129-2014	
Monnery, Bryn		0000-0001-5691-5451

ISSN: 0142-9612

eISSN: 1878-5905

Record 41 of 147

Title: Uracil-bearing poly(2-isopropyl-2-oxazoline): Hg(II)-selective control of its thermoresponsiveness

Author(s): Nam, J (Nam, Jaehyuk); Jung, Y (Jung, Yongseok); Jang, WD (Jang, Woo-Dong)

Source: CHEMICAL COMMUNICATIONS **Volume:** 53 **Issue:** 81 **Pages:** 11169-11172 **DOI:** 10.1039/c7cc06728c **Published:** OCT 18 2017

Accession Number: WOS:000412760500015

PubMed ID: 28951926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jang, Woo-Dong	I-7186-2019	0000-0002-1281-6037

ISSN: 1359-7345

eISSN: 1364-548X

Record 42 of 147

Title: Secrets of Plasma-Deposited Polyoxazoline Functionality Lie in the Plasma Phase

Author(s): Macgregor, MN (Macgregor, Melanie N.); Micheltmore, A (Micheltmore, Andrew); Shirazi, HS (Shirazi, Hanieh Safizadeh); Whittle, J (Whittle, Jason); Vasilev, K (Vasilev, Krasimir)

Source: CHEMISTRY OF MATERIALS **Volume:** 29 **Issue:** 19 **Pages:** 8047-8051 **DOI:** 10.1021/acs.chemmater.7b03023 **Published:** OCT 10 2017

Accession Number: WOS:000412965800005

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MacGregor, Melanie	F-4236-2013	0000-0002-8671-181X
Vasilev, Krasimir		0000-0003-3534-4754

ISSN: 0897-4756

eISSN: 1520-5002

Record 43 of 147

Title: Complex Self-Assembly Behavior of Bis-hydrophilic PEO-b-PCL-b-PMOXA Triblock Copolymers in Aqueous Solution

Author(s): Konishcheva, EV (Konishcheva, Evgeniia V.); Zhumaev, UE (Zhumaev, Ulmas E.); Kratt, M (Kratt, Maximilian); Oehri, V (Oehri, Valentin); Meier, W (Meier, Wolfgang)

Source: MACROMOLECULES **Volume:** 50 **Issue:** 18 **Pages:** 7155-7168 **DOI:** 10.1021/acs.macromol.7b01498 **Published:** SEP 26 2017

Accession Number: WOS:000411918700016

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konishcheva, Evgeniia		0000-0003-2995-6279

ISSN: 0024-9297

Record 44 of 147

Title: Poly(2-oxazoline) block copolymer nanoparticles for curcumin loading and delivery to cancer cells

Author(s): Raveendran, R (Raveendran, Radhika); Mullen, KM (Mullen, Kathleen M.); Wellard, RM (Wellard, R. Mark); Sharma, CP (Sharma, Chandra P.); Hoogenboom, R (Hoogenboom, Richard); Dargaville, TR (Dargaville, Tim R.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 93 **Pages:** 682-694 **DOI:** 10.1016/j.eurpolymj.2017.02.043 **Published:** AUG 2017

Accession Number: WOS:000407186200060

Conference Title: 3rd International Conference on Bio-Based Polymers and Composites (BiPoCo)

Conference Date: AUG 28-SEP 01, 2016

Conference Location: Szeged, HUNGARY

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Sharma, Chandra	A-4140-2009	0000-0002-6982-0926

ISSN: 0014-3057

eISSN: 1873-1945

Record 45 of 147

Title: Thermo-responsive polymers and their application as smart biomaterials

Author(s): Kim, YJ (Kim, Young-Jin); Matsunaga, YT (Matsunaga, Yukiko T.)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 5 **Issue:** 23 **Pages:** 4307-4321 **DOI:** 10.1039/c7tb00157f **Published:** JUN 21 2017

Accession Number: WOS:000403367000004

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eISSN: 2050-7518

Record 46 of 147

Title: Microwave-assisted one-step synthesis of poly(2-isopropyl-2-oxazoline) block copolymers using a dual initiator for CROP and RAFT polymerization

Author(s): Kang, M (Kang, Munhyung); Cho, M (Cho, Minsang); Kim, S (Kim, Sunyoo); Youk, JH (Youk, Ji Ho)

Source: FIBERS AND POLYMERS **Volume:** 18 **Issue:** 6 **Pages:** 1215-1220 **DOI:** 10.1007/s12221-017-7309-2 **Published:** JUN 2017

Accession Number: WOS:000404359500025

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Record 47 of 147

Title: Novel nanoparticle delivery systems for rifampicin: an effective strategy against tuberculosis?

Author(s): Trousil, J (Trousil, Jiri); Hruby, M (Hruby, Martin)

Source: NANOMEDICINE **Volume:** 12 **Issue:** 12 **Pages:** 1359-1361 **DOI:** 10.2217/nnm-2017-0117 **Published:** JUN 2017

Accession Number: WOS:000403575000002

PubMed ID: 28524809

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	

ISSN: 1743-5889

eISSN: 1748-6963

Record 48 of 147

Title: Chain and Step Growth Polymerizations of Cyclic Imino Ethers: From Poly(2-oxazoline)s to Poly(ester amide)s

Author(s): Kempe, K (Kempe, Kristian)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 218 **Issue:** 11 **Article Number:** 1700021 **DOI:** 10.1002/macp.201700021 **Published:** JUN 2017

Accession Number: WOS:000402860700003

ISSN: 1022-1352
eISSN: 1521-3935

Record 49 of 147

Title: Indocyanine green-functionalized bottle brushes of poly(2-oxazoline) on cellulose nanocrystals for photothermal cancer therapy

Author(s): Hou, LM (Hou, Liman); Fang, JY (Fang, Jianyong); Wang, WQ (Wang, Weiqi); Xie, ZG (Xie, Zhigang); Dong, DW (Dong, Dewen); Zhang, N (Zhang, Ning)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 5 **Issue:** 18 **Pages:** 3348-3354 **DOI:** 10.1039/c7tb00812k **Published:** MAY 14 2017

Accession Number: WOS:000400988200010

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Hou, Liman		0000-0003-2464-994X

ISSN: 2050-750X

eISSN: 2050-7518

Record 50 of 147

Title: Molecularly imprinted polymers as selective adsorbents for ambient plasma mass spectrometry

Author(s): Ceglowski, M (Ceglowski, Michal); Smoluch, M (Smoluch, Marek); Reszke, E (Reszke, Edward); Silberring, J (Silberring, Jerzy); Schroeder, G (Schroeder, Grzegorz)

Source: ANALYTICAL AND BIOANALYTICAL CHEMISTRY **Volume:** 409 **Issue:** 13 **Pages:** 3393-3405 **DOI:** 10.1007/s00216-017-0281-2 **Published:** MAY 2017

Accession Number: WOS:000399701400012

PubMed ID: 28321502

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Ceglowski, Michal		0000-0002-8257-642X

ISSN: 1618-2642

eISSN: 1618-2650

Record 51 of 147

Title: Biocompatible Soft Nanoparticles with Multiple Morphologies Obtained from Nanoprecipitation of Amphiphilic Graft Copolymers in a Backbone-Selective Solvent

Author(s): Le Fer, G (Le Fer, Gaelle); Le Coeur, C (Le Coeur, Clemence); Guigner, JM (Guigner, Jean-Michel); Amiel, C (Amiel, Catherine); Volet, G (Volet, Gisele)

Source: LANGMUIR **Volume:** 33 **Issue:** 11 **Pages:** 2849-2860 **DOI:** 10.1021/acs.langmuir.7b00471 **Published:** MAR 21 2017

Accession Number: WOS:000397478200018

PubMed ID: 28248524

ISSN: 0743-7463

Record 52 of 147

Title: 50 years of poly(2-oxazoline)s

Author(s): Hoogenboom, R (Hoogenboom, Richard)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 448-450 **DOI:** 10.1016/j.eurpolymj.2017.01.014 **Published:** MAR 2017

Accession Number: WOS:000396952500038

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

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Record 53 of 147

Title: A facile amino-functionalization of poly(2-oxazoline)s' distal end through sequential azido end-capping and Staudinger reactions

Author(s): Osawa, S (Osawa, Shigehito); Ishii, T (Ishii, Takehiko); Takemoto, H (Takemoto, Hiroyasu); Osada, K (Osada, Kensuke); Kataoka, K (Kataoka, Kazunori)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 553-561 **DOI:** 10.1016/j.eurpolymj.2016.11.029 **Published:** MAR 2017

Accession Number: WOS:000396952500044

Author Identifiers:

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Osada, Kensuke	V-3322-2017	0000-0001-9557-6851
Osawa, Shigehito		0000-0003-2205-6497

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eISSN: 1873-1945

Record 54 of 147

Title: In-situ preparation of poly(2-ethyl-2-oxazoline)/clay nanocomposites via living cationic ring-opening polymerization

Author(s): Ozkose, UU (Ozkose, Umut Ugur); Altinkok, C (Altinkok, Cagatay); Yilmaz, O (Yilmaz, Ozgur); Alpturk, O (Alpturk, Onur); Tasdelen, MA (Tasdelen, Mehmet Atilla)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 586-593 **DOI:** 10.1016/j.eurpolymj.2016.07.004 **Published:** MAR 2017

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Record 55 of 147

Title: Novel triphilic block copolymers based on poly(2-methyl-2-oxazoline)-block-poly(2-octyl-2-oxazoline) with different terminal perfluoroalkyl fragments: Synthesis and self-assembly behaviour

Author(s): Kabarov, LI (Kabarov, Leonid I.); Verbraeken, B (Verbraeken, Bart); Hruby, M (Hruby, Martin); Riabtseva, A (Riabtseva, Anna); Kovacic, L (Kovacic, Lubomir); Kereiche, S (Kereiche, Sami); Brus, J (Brus, Jiri); Stepanek, P (Stepanek, Petr); Hoogenboom, R (Hoogenboom, Richard); Filippov, SK (Filippov, Sergey K.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 645-655 **DOI:** 10.1016/j.eurpolymj.2016.10.016 **Published:** MAR 2017

Accession Number: WOS:000396952500053

Author Identifiers:

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Brus, Jiri	G-3459-2014	0000-0003-2692-612X
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Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

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Record 56 of 147

Title: Aqueous electrospinning of poly(2-ethyl-2-oxazoline): Mapping the parameter space

Author(s): Stubbe, B (Stubbe, Birgit); Li, Y (Li, Yin); Vergaelen, M (Vergaelen, Maarten); Van Vlierberghe, S (Van Vlierberghe, Sandra); Dubruel, P (Dubruel, Peter); De Clerck, K (De Clerck, Karen); Hoogenboom, R (Hoogenboom, Richard)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 724-732 **DOI:** 10.1016/j.eurpolymj.2016.09.014 **Published:** MAR 2017

Accession Number: WOS:000396952500060

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 0014-3057

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Record 57 of 147

Title: The chemistry of poly(2-oxazoline)s

Author(s): Verbraeken, B (Verbraeken, Bart); Monnery, BD (Monnery, Bryn D.); Lava, K (Lava, Kathleen); Hoogenboom, R (Hoogenboom, Richard)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 451-469 **DOI:** 10.1016/j.eurpolymj.2016.11.016 **Published:** MAR 2017

Accession Number: WOS:000396952500039

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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ISSN: 0014-3057
eISSN: 1873-1945

Record 58 of 147

Title: Poly(2-oxazoline)-based micro- and nanoparticles: A review

Author(s): Wilson, P (Wilson, Paul); Ke, PC (Ke, Pu Chun); Davis, TP (Davis, Thomas P.); Kempe, K (Kempe, Kristian)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 486-515 **DOI:** 10.1016/j.eurpolymj.2016.09.011 **Published:** MAR 2017

Accession Number: WOS:000396952500041

Author Identifiers:

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Wilson, Paul	E-8820-2013	0000-0002-9760-899X
Davis, Thomas B	6395-2008	0000-0003-2581-4986

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eISSN: 1873-1945

Record 59 of 147

Title: The effect of ionizing radiation on biocompatible polymers: From sterilization to radiolysis and hydrogel formation

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Monnery, BD (Monnery, Bryn D.); Slouf, M (Slouf, Miroslav); Vetrik, M (Vetrik, Miroslav); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 137 **Pages:** 1-10 **DOI:** 10.1016/j.polymdegradstab.2017.01.005 **Published:** MAR 2017

Accession Number: WOS:000396948100001

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Kucka, Jan	G-7884-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	
Monnery, Bryn		0000-0001-5691-5451

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eISSN: 1873-2321

Record 60 of 147

Title: Preparation and properties of positively charged mesoglobules based on poly(2-isopropyl-2-oxazoline) and evaluation of their potential as carriers of polynucleotides

Author(s): Toncheva-Moncheva, N (Toncheva-Moncheva, Natalia); Veleva-Kostadinova, E (Veleva-Kostadinova, Emilia); Tsvetanov, C (Tsvetanov, Christo); Momekova, D (Momekova, Denitsa); Rangelov, S (Rangelov, Stanislav)

Source: POLYMER **Volume:** 111 **Pages:** 156-167 **DOI:** 10.1016/j.polymer.2017.01.049 **Published:** FEB 24 2017

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ISSN: 0032-3861

eISSN: 1873-2291

Record 61 of 147

Title: Supramolecular Amphiphilic Polymer-Based Micelles with Seven Armed Polyoxazoline Coating for Drug Delivery

Author(s): Zhang, P (Zhang, Peng); Qian, XP (Qian, Xiaoping); Zhang, ZK (Zhang, Zhengkui); Li, C (Li, Cheng); Xie, C (Xie, Chen); Wu, W (Wu, Wei); Jiang, XQ (Jiang, Xiqun)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 9 **Issue:** 7 **Pages:** 5768-5777 **DOI:** 10.1021/acsami.6b14464 **Published:** FEB 22 2017

Accession Number: WOS:000394829800013

PubMed ID: 28124555

Author Identifiers:

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Jiang, Xiqun	I-8128-2014	0000-0003-0483-0282

Record 62 of 147**Title:** Engineered Hydrogen-Bonded Glycopolymer Capsules and Their Interactions with Antigen Presenting Cells**Author(s):** Kempe, K (Kempe, Kristian); Xiang, SD (Xiang, Sue D.); Wilson, P (Wilson, Paul); Rahim, MA (Rahim, Md. Arifur); Ju, Y (Ju, Yi); Whittaker, MR (Whittaker, Michael R.); Haddleton, DM (Haddleton, David M.); Plebanski, M (Plebanski, Magdalena); Caruso, F (Caruso, Frank); Davis, TP (Davis, Thomas P.)**Source:** ACS APPLIED MATERIALS & INTERFACES **Volume:** 9 **Issue:** 7 **Pages:** 6444-6452 **DOI:** 10.1021/acsami.6b15459 **Published:** FEB 22 2017**Accession Number:** WOS:000394829800085**PubMed ID:** 28186730

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Caruso, Frank	A-9587-2011	0000-0002-0197-497X
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Wilson, Paul	E-8820-2013	0000-0002-9760-899X
Rahim, Md. Arifur	A-8490-2015	0000-0002-7994-2097
, Magdalena		0000-0001-6889-3667

ISSN: 1944-8244

Record 63 of 147**Title:** The Label Matters: mu PET Imaging of the Biodistribution of Low Molar Mass Zr-89 and F-18-Labeled Poly(2-ethyl-2-oxazoline)**Author(s):** Glassner, M (Glassner, Mathias); Palmieri, L (Palmieri, Luca); Monnery, BD (Monnery, Bryn D.); Verbrugghen, T (Verbrugghen, Thomas); Deleye, S (Deleye, Steven); Stroobants, S (Stroobants, Sigrid); Staelens, S (Staelens, Steven); Wyffels, L (Wyffels, Leonie); Hoogenboom, R (Hoogenboom, Richard)**Source:** BIOMACROMOLECULES **Volume:** 18 **Issue:** 1 **Pages:** 96-102 **DOI:** 10.1021/acs.biomac.6b01392 **Published:** JAN 2017**Accession Number:** WOS:000391781100009**PubMed ID:** 28064503

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Record 64 of 147**Title:** Partially Hydrolyzed Poly(n-propyl-2-oxazoline): Synthesis, Aqueous Solution Properties, and Preparation of Gene Delivery Systems**Author(s):** Mees, M (Mees, Maarten); Haladjova, E (Haladjova, Emi); Momekova, D (Momekova, Denitsa); Momekov, G (Momekov, Georgi); Shestakova, PS (Shestakova, Pavletta S.); Tsvetanov, CB (Tsvetanov, Christo B.); Hoogenboom, R (Hoogenboom, Richard); Rangelov, S (Rangelov, Stanislav)**Source:** BIOMACROMOLECULES **Volume:** 17 **Issue:** 11 **Pages:** 3580-3590 **DOI:** 10.1021/acs.biomac.6b01088 **Published:** NOV 2016**Accession Number:** WOS:000388155400014**PubMed ID:** 27723983

Author Identifiers:

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Mees, Maarten		0000-0003-0039-3230
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Record 65 of 147**Title:** Tuning the Surface of Nanoparticles: Impact of Poly(2-ethyl-2-oxazoline) on Protein Adsorption in Serum and Cellular Uptake**Author(s):** Koshkina, O (Koshkina, Olga); Westmeier, D (Westmeier, Dana); Lang, T (Lang, Thomas); Bantz, C (Bantz, Christoph);

Hahlbrock, A (Hahlbrock, Angelina); Wurth, C (Wuerth, Christian); Resch-Genger, U (Resch-Genger, Ute); Braun, U (Braun, Ulrike); Thiermann, R (Thiermann, Raphael); Weise, C (Weise, Christoph); Eravci, M (Eravci, Murat); Mohr, B (Mohr, Benjamin); Schlaad, H (Schlaad, Helmut); Stauber, RH (Stauber, Roland H.); Docter, D (Dokter, Dominic); Bertin, A (Bertin, Annabelle); Maskos, M (Maskos, Michael)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 16 **Issue:** 9 **Pages:** 1287-1300 **DOI:** 10.1002/mabi.201600074 **Published:** SEP 2016

Accession Number: WOS:000383592100004

PubMed ID: 27281039

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Wurth, Christian	A-9736-2013	0000-0002-0204-9727
Docter, Dominic	A-2925-2017	0000-0003-1897-4834
Resch-Genger, Ute	B-8369-2009	0000-0002-0944-1115

ISSN: 1616-5187

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Record 66 of 147

Title: Ex Vivo and In Vitro Studies on the Cytotoxicity and Immunomodulative Properties of Poly(2-isopropenyl-2-oxazoline) as a New Type of Biomedical Polymer

Author(s): Kronekova, Z (Kronekova, Zuzana); Mikulec, M (Mikulec, Marcel); Petrencikova, N (Petrencikova, Nadezda); Paulovicova, E (Paulovicova, Ema); Paulovicova, L (Paulovicova, Lucia); Jancinova, V (Jancinova, Viera); Nosal, R (Nosal, Radomir); Reddy, PS (Reddy, Palem S.); Shimoga, GD (Shimoga, Ganesh D.); Chorvat, D (Chorvat, Dusan, Jr.); Kronek, J (Kronek, Juraj)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 16 **Issue:** 8 **Pages:** 1200-1211 **DOI:** 10.1002/mabi.201600016 **Published:** AUG 2016

Accession Number: WOS:000381047500009

PubMed ID: 27150385

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
UTB, CPS	O-8185-2018	
Kronek, Juraj		0000-0002-0348-9740

ISSN: 1616-5187

eISSN: 1616-5195

Record 67 of 147

Title: Photoluminescent polysaccharide-coated germanium(IV) oxide nanoparticles

Author(s): Lobaz, V (Lobaz, V.); Rabyk, M (Rabyk, M.); Panek, J (Panek, J.); Doris, E (Doris, E.); Nallet, F (Nallet, F.); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 294 **Issue:** 7 **Pages:** 1225-1235 **DOI:** 10.1007/s00396-016-3882-y **Published:** JUL 2016

Accession Number: WOS:000378567100013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lobaz, Volodymyr	N-5149-2015	0000-0003-0479-2837
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Rabyk, Mariia	O-4625-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
doris, eric	V-2673-2019	0000-0003-1318-602X

ISSN: 0303-402X

eISSN: 1435-1536

Record 68 of 147

Title: A novel approach to controlled self-assembly of pH-responsive thermosensitive homopolymer polyelectrolytes into stable nanoparticles

Author(s): Sedlak, M (Sedlak, Marian)

Source: ADVANCES IN COLLOID AND INTERFACE SCIENCE **Volume:** 232 **Pages:** 57-69 **DOI:** 10.1016/j.cis.2015.12.005 **Published:** JUN 2016

Accession Number: WOS:000379563300007

PubMed ID: 26792020

Conference Title: International Workshop on Polyelectrolytes in Chemistry, Biology and Technology

Conference Date: JAN 26-28, 2015

Conference Location: Nanyang Technol Univ, Singapore, SINGAPORE

Conference Host: Nanyang Technol Univ

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlak, Marian		0000-0003-2951-2846

ISSN: 0001-8686

eISSN: 1873-3727

Record 69 of 147

Title: Multireactive Poly(2-oxazoline) Nanofibers through Electrospinning with Crosslinking on the Fly

Author(s): Kalaoglu-Altan, OI (Kalaoglu-Altan, Ozlem I.); Verbraeken, B (Verbraeken, Bart); Lava, K (Lava, Kathleen); Gevrek, TN (Gevrek, Tugce Nihal); Sanyal, R (Sanyal, Rana); Dargaville, T (Dargaville, Tim); De Clerck, K (De Clerck, Karen); Hoogenboom, R (Hoogenboom, Richard); Sanyal, A (Sanyal, Amitav)

Source: ACS MACRO LETTERS **Volume:** 5 **Issue:** 6 **Pages:** 676-681 **DOI:** 10.1021/acsmacrolett.6b00188 **Published:** JUN 2016

Accession Number: WOS:000378578600008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard B	8977-2008	0000-0001-7398-2058
Dargaville, Tim		0000-0003-4665-9508
SANYAL, RANA		0000-0003-4803-5811
	I-4328-2013	0000-0001-5122-8329

ISSN: 2161-1653

Record 70 of 147

Title: The concept of bio-corona in modulating the toxicity of engineered nanomaterials (ENM)

Author(s): Westmeier, D (Westmeier, Dana); Stauber, RH (Stauber, Roland H.); Docter, D (Dokter, Dominic)

Source: TOXICOLOGY AND APPLIED PHARMACOLOGY **Volume:** 299 **Special Issue:** SI **Pages:** 53-57 **DOI:** 10.1016/j.taap.2015.11.008 **Published:** MAY 15 2016

Accession Number: WOS:000374435900008

PubMed ID: 26592323

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Docter, Dominic A	2925-2017	0000-0003-1897-4834

ISSN: 0041-008X

eISSN: 1096-0333

Record 71 of 147

Title: Microwave-assisted rapid one-step synthesis of poly(2-oxazoline)-based block copolymers using a dual initiator for CROP and RAFT polymerization

Author(s): Kang, M (Kang, Munhyung); Lee, SY (Lee, Soo Young); Shin, HH (Shin, Hwan Ho); Yu, YC (Yu, Young Chang); Youk, JH (Youk, Ji Ho)

Source: POLYMER **Volume:** 87 **Pages:** 108-113 **DOI:** 10.1016/j.polymer.2016.01.071 **Published:** MAR 22 2016

Accession Number: WOS:000371353200012

ISSN: 0032-3861

eISSN: 1873-2291

Record 72 of 147

Title: Smart Polymeric Nanoparticles as Emerging Tools for ImagingThe Parallel Evolution of Materials

Author(s): Papadimitriou, SA (Papadimitriou, Sofia A.); Salinas, Y (Salinas, Yolanda); Resmini, M (Resmini, Marina)

Source: CHEMISTRY-A EUROPEAN JOURNAL **Volume:** 22 **Issue:** 11 **Special Issue:** SI **Pages:** 3612-3620 **DOI:** 10.1002/chem.201502610 **Published:** MAR 7 2016

Accession Number: WOS:000371741400012

PubMed ID: 26563829

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Papadimitriou, Sofia A.	B-8610-2014	0000-0002-3563-181X
Salinas, Yolanda	B-2361-2018	0000-0002-1828-5839

ISSN: 0947-6539

eISSN: 1521-3765

Record 73 of 147

Title: Efficient and Robust Coatings Using Poly(2-methyl-2-oxazoline) and Its Copolymers for Marine and Bacterial Fouling Prevention

Author(s): He, T (He, Tao); Janczewski, D (Janczewski, Dominik); Jana, S (Jana, Satyasankar); Parthiban, A (Parthiban, Anbanandam); Guo, SF (Guo, Shifeng); Zhu, XY (Zhu, Xiaoying); Lee, SSC (Lee, Serina Siew-Chen); Parra-Velandia, FJ (Parra-Velandia, Fernando Jose); Teo, SLM (Teo, Serena Lay-Ming); Vancso, GJ (Vancso, G. Julius)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 54 **Issue:** 2 **Special Issue:** SI **Pages:** 275-283 **DOI:** 10.1002/pola.27912 **Published:** JAN 15 2016

Accession Number: WOS:000366405900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhu, Xiaoying	A-5264-2014	
Janczewski, Dominik	F-2464-2013	0000-0002-5466-6444

ISSN: 0887-624X

eISSN: 1099-0518

Record 74 of 147

Title: Sustainable Life Cycles of Natural-Precursor-Derived Nanocarbons

Author(s): Bazaka, K (Bazaka, Kateryna); Jacob, MV (Jacob, Mohan V.); Ostrikov, K (Ostrikov, Kostya (Ken))

Source: CHEMICAL REVIEWS **Volume:** 116 **Issue:** 1 **Pages:** 163-214 **DOI:** 10.1021/acs.chemrev.5b00566 **Published:** JAN 13 2016

Accession Number: WOS:000368323200005

PubMed ID: 26717047

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jacob, Mohan	B-9097-2009	0000-0002-2598-7193
Ostrikov, Kostya (Ken)		0000-0001-8672-9297

ISSN: 0009-2665

eISSN: 1520-6890

Record 75 of 147

Title: Enhanced cytocompatibility and functional group content of poly(L-lysine) dendrimers by grafting with poly(oxazolines)

Author(s): England, RM (England, R. M.); Hare, JI (Hare, J. I.); Kemmitt, PD (Kemmitt, P. D.); Treacher, KE (Treacher, K. E.); Waring, MJ (Waring, M. J.); Barry, ST (Barry, S. T.); Alexander, C (Alexander, C.); Ashford, M (Ashford, M.)

Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 28 **Pages:** 4609-4617 **DOI:** 10.1039/c6py00478d **Published:** 2016

Accession Number: WOS:000379434000004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Alexander, Cameron	N-7729-2014	0000-0001-8337-1875
Waring, Michael		0000-0002-9110-8783

ISSN: 1759-9954

eISSN: 1759-9962

Record 76 of 147

Title: Hyperbranched poly(N-(2-hydroxypropyl)methacrylamide) via RAFT self-condensing vinyl polymerization

Author(s): Alfurhood, JA (Alfurhood, Jawaher A.); Sun, H (Sun, Hao); Bachler, PR (Bachler, Patricia R.); Sumerlin, BS (Sumerlin, Brent S.)

Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 11 **Pages:** 2099-2104 **DOI:** 10.1039/c6py00111d **Published:** 2016

Accession Number: WOS:000372249400012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sun, Hao	I-4252-2019	0000-0001-9153-4021
Sumerlin, Brent S	C-8924-2015	0000-0001-5749-5444

ISSN: 1759-9954

eISSN: 1759-9962

Record 77 of 147

Title: Polyplex Micelles with Double-Protective Compartments of Hydrophilic Shell and Thermoswitchable Palisade of Poly(oxazoline)-Based Block Copolymers for Promoted Gene Transfection

Author(s): Osawa, S (Osawa, Shigehito); Osada, K (Osada, Kensuke); Hiki, S (Hiki, Shigehiro); Dirisala, A (Dirisala, Anjaneyulu); Ishii, T (Ishii, Takehiko); Kataoka, K (Kataoka, Kazunori)

Source: BIOMACROMOLECULES **Volume:** 17 **Issue:** 1 **Pages:** 354-361 **DOI:** 10.1021/acs.biomac.5b01456 **Published:** JAN 2016

Accession Number: WOS:000368047800038

PubMed ID: 26682466

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Osada, Kensuke	V-3322-2017	0000-0001-9557-6851
Kataoka, Kazunori	K-7108-2012	0000-0002-8591-413X
Osawa, Shigehito		0000-0003-2205-6497

ISSN: 1525-7797

eISSN: 1526-4602

Record 78 of 147

Title: Protein cages and synthetic polymers: a fruitful symbiosis for drug delivery applications, bionanotechnology and materials science

Author(s): Rother, M (Rother, Martin); Nussbaumer, MG (Nussbaumer, Martin G.); Renggli, K (Renggli, Kasper); Bruns, N (Bruns, Nico)

Source: CHEMICAL SOCIETY REVIEWS **Volume:** 45 **Issue:** 22 **Pages:** 6213-6249 **DOI:** 10.1039/c6cs00177g **Published:** 2016

Accession Number: WOS:000387978000008

PubMed ID: 27426103

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bruns, Nico	C-6485-2009	0000-0001-6199-9995
		0000-0001-6865-4084

ISSN: 0306-0012

eISSN: 1460-4744

Record 79 of 147

Title: Fluorescence Correlation Spectroscopy Studies of Polymer Systems

Author(s): Woll, D (Woell, Dominik)

Edited by: Prochazka K

Source: FLUORESCENCE STUDIES OF POLYMER CONTAINING SYSTEMS **Book Series:** Springer Series on Fluorescence **Volume:** 16 **Pages:** 255-297 **DOI:** 10.1007/978-3-319-26788-3_8 **Published:** 2016

Accession Number: WOS:000371494600009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Woll, Dominik	F-9768-2012	0000-0001-5700-4182

ISSN: 1617-1306

ISBN: 978-3-319-26788-3; 978-3-319-26786-9

Book DOI: 10.1007/978-3-319-26788-3

Record 80 of 147

Title: Microwave-Assisted Cationic Ring-Opening Polymerization of 2-Oxazolines

Author(s): Luef, KP (Luef, Klaus P.); Hoogenboom, R (Hoogenboom, Richard); Schubert, US (Schubert, Ulrich S.); Wiesbrock, F (Wiesbrock, Frank)

Edited by: Hoogenboom R; Schubert US; Wiesbrock F

Source: MICROWAVE-ASSISTED POLYMER SYNTHESIS **Book Series:** Advances in Polymer Science **Volume:** 274 **Pages:** 183-208 **DOI:** 10.1007/12_2015_340 **Published:** 2016

Accession Number: WOS:000393568700007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

ISSN: 0065-3195

ISBN: 978-3-319-42241-1; 978-3-319-42239-8

Book DOI: 10.1007/978-3-319-42241-1

Record 81 of 147

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Stepanek, Petr G-2882-2014 0000-0003-1433-678X
Filippov, Sergey B-8438-2009 0000-0002-4253-5076
Hruby, Martin H-6479-2014
ISSN: 0862-8408
eISSN: 1802-9973

Record 82 of 147

Title: Fluorescent amphiphilic heterografted comb polymers comprising biocompatible PLA and PEO side chains

Author(s): Yildirim, I (Yildirim, Ilknur); Bus, T (Bus, Tanja); Sahn, M (Sahn, Martin); Yildirim, T (Yildirim, Turgay); Kalden, D (Kalden, Diana); Hoepfner, S (Hoepfner, Stephanie); Traeger, A (Traeger, Anja); Westerhausen, M (Westerhausen, Matthias); Weber, C (Weber, Christine); Schubert, U (Schubert, Ulrich S.)

Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 39 **Pages:** 6064-6074 **DOI:** 10.1039/c6py01130f **Published:** 2016

Accession Number: WOS:000386164800005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Traeger, Anja	G-3862-2012	0000-0001-7734-2293
Weber, Christine	G-7345-2011	0000-0003-0712-5255
Westerhausen, Matthias		0000-0002-1520-2401
Yildirim, Ilknur		0000-0002-5148-2164

ISSN: 1759-9954

eISSN: 1759-9962

Record 83 of 147

Title: Facile one-pot/one-step synthesis of heterotelechelic N-acylated poly(aminoester) macromonomers for carboxylic acid decorated comb polymers

Author(s): de Jongh, PAJM (de Jongh, Patrick A. J. M.); Bennett, MR (Bennett, Mechelle R.); Sulley, GS (Sulley, Greg S.); Wilson, P (Wilson, Paul); Davis, TP (Davis, Thomas P.); Haddleton, DM (Haddleton, David M.); Kempe, K (Kempe, Kristian)

Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 44 **Pages:** 6703-6707 **DOI:** 10.1039/c6py01553k **Published:** 2016

Accession Number: WOS:000388495300003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Haddleton, David M	A-6233-2009	
Davis, Thomas	B-6395-2008	0000-0003-2581-4986
de Jongh, Patrick	Q-8023-2017	0000-0003-4201-0824
Wilson, Paul	E-8820-2013	0000-0002-9760-899X
Haddleton, David		0000-0002-4965-0827

ISSN: 1759-9954

eISSN: 1759-9962

Record 84 of 147

Title: Synthesis of novel boronic acid-decorated poly(2-oxazoline)s showing triple-stimuli responsive behavior

Author(s): Vancoillie, G (Vancoillie, Gertjan); Brooks, WLA (Brooks, William L. A.); Mees, MA (Mees, Maarten A.); Sumerlin, BS (Sumerlin, Brent S.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 44 **Pages:** 6725-6734 **DOI:** 10.1039/c6py01437b **Published:** 2016

Accession Number: WOS:000388495300006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Mees, Maarten		0000-0003-0039-3230

ISSN: 1759-9954

eISSN: 1759-9962

Record 85 of 147

Title: Degradable polyurethane with poly(2-ethyl-2-oxazoline) brushes for protein resistance

Author(s): Yang, JX (Yang, Jinxian); Li, LW (Li, Lianwei); Ma, CF (Ma, Chunfeng); Ye, XD (Ye, Xiaodong)

Source: RSC ADVANCES **Volume:** 6 **Issue:** 74 **Pages:** 69930-69938 **DOI:** 10.1039/c6ra13663j **Published:** 2016

Accession Number: WOS:000381512800033

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ye, Xiaodong	A-6983-2010	0000-0003-2143-1726

Record 86 of 147

Title: Self- and co-assembly of amphiphilic gradient polyelectrolyte in aqueous solution: Interaction with oppositely charged ionic surfactant

Author(s): Uchman, M (Uchman, Mariusz); Hajduova, J (Hajduova, Jana); Vlassi, E (Vlassi, Eleni); Pispas, S (Pispas, Stergios); Appavou, MS (Appavou, Marie-Sousai); Stepanek, M (Stepanek, Miroslav)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 73 **Pages:** 212-221 **DOI:** 10.1016/j.eurpolymj.2015.10.015 **Published:** DEC 2015

Accession Number: WOS:000366536900019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vojtova, Jana	M-6165-2017	0000-0002-0759-8696
Stepanek, Miroslav	D-3831-2013	0000-0002-7636-7234
Appavou, Marie-Sousai		0000-0003-4588-7891

ISSN: 0014-3057

eISSN: 1873-1945

Record 87 of 147

Title: Antimicrobial Contact-Active Oligo(2-oxazoline)s-Grafted Surfaces for Fast Water Disinfection at the Point-of-Use

Author(s): Correia, VG (Correia, Vanessa G.); Ferraria, AM (Ferraria, Ana M.); Pinho, MG (Pinho, Mariana G.); Aguiar-Ricardo, A (Aguiar-Ricardo, Ana)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 12 **Pages:** 3904-3915 **DOI:** 10.1021/acs.biomac.5b01243 **Published:** DEC 2015

Accession Number: WOS:000366616700020

PubMed ID: 26580224

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ferraria, Ana Maria	D-9186-2015	0000-0002-6784-6540
Aguiar-Ricardo, Ana	C-3286-2011	0000-0002-2193-1440
Pinho, Mariana	B-9192-2008	0000-0002-7132-8842
G. Correia, Vanessa		0000-0002-7357-7199

ISSN: 1525-7797

eISSN: 1526-4602

Record 88 of 147

Title: Model-Based Visualization and Understanding of Monomer Sequence Formation in Gradient Copoly(2-oxazoline)s On the basis of 2-Methyl-2-oxazoline and 2-Phenyl-2-oxazoline

Author(s): Van Steenberge, PHM (Van Steenberge, Paul H. M.); Verbraeken, B (Verbraeken, Bart); Reyniers, MF (Reyniers, Marie-Francoise); Hoogenboom, R (Hoogenboom, Richard); D'hooge, DR (D'hooge, Dagmar R.)

Source: MACROMOLECULES **Volume:** 48 **Issue:** 21 **Pages:** 7765-7773 **DOI:** 10.1021/acs.macromol.5b01642 **Published:** NOV 10 2015

Accession Number: WOS:000364614900004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 0024-9297

eISSN: 1520-5835

Record 89 of 147

Title: Thermal Properties of Methyl Ester-Containing Poly(2-oxazoline)s

Author(s): Bouten, PJM (Bouten, Petra J. M.); Lava, K (Lava, Kathleen); van Hest, JCM (van Hest, Jan C. M.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMERS **Volume:** 7 **Issue:** 10 **Pages:** 1998-2008 **DOI:** 10.3390/polym7101494 **Published:** OCT 2015

Accession Number: WOS:000364289200007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
van Hest, Jan	D-5625-2012	0000-0001-7973-2404
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 2073-4360

Record 90 of 147

Title: Multifunctional Thrombin-Activatable Polymer Capsules for Specific Targeting to Activated Platelets

Author(s): Gunawan, ST (Gunawan, Sylvia T.); Kempe, K (Kempe, Kristian); Bonnard, T (Bonnard, Thomas); Cui, JW (Cui, Jiwei); Alt, K (Alt, Karen); Law, LS (Law, Lok S.); Wang, XW (Wang, Xiaowei); Westein, E (Westein, Erik); Such, GK (Such, Georgina K.); Peter, K (Peter, Karlheinz); Hagemeyer, CE (Hagemeyer, Christoph E.); Caruso, F (Caruso, Frank)

Source: ADVANCED MATERIALS **Volume:** 27 **Issue:** 35 **Pages:** 5153-5157 **DOI:** 10.1002/adma.201502243 **Published:** SEP 16 2015

Accession Number: WOS:000361205700006

PubMed ID: 26239035

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cui, Jiwei	E-9876-2012	0000-0003-1018-4336
Wang, Xiaowei	R-3888-2019	0000-0001-8658-7399
Bonnard, Thomas	Q-3865-2018	0000-0003-0412-8223
Caruso, Frank	A-9587-2011	0000-0002-0197-497X
Such, Georgina	B-1157-2011	0000-0002-2868-5799
Hagemeyer, Christoph	E-8958-2011	0000-0002-7114-4023
Alt, Karen	E-8364-2019	0000-0002-6252-1931
	S-2765-2019	0000-0002-8040-2258
Kempe, Kristian		0000-0002-0136-9403

ISSN: 0935-9648

eISSN: 1521-4095

Record 91 of 147

Title: Sulfolane as Common Rate Accelerating Solvent for the Cationic Ring-Opening Polymerization of 2-Oxazolines

Author(s): Vergaelen, M (Vergaelen, Maarten); Verbraeken, B (Verbraeken, Bart); Monnery, BD (Monnery, Bryn D.); Hoogenboom, R (Hoogenboom, Richard)

Source: ACS MACRO LETTERS **Volume:** 4 **Issue:** 8 **Pages:** 825-828 **DOI:** 10.1021/acsmacrolett.5b00392 **Published:** AUG 2015

Accession Number: WOS:000359891200004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Monnery, Bryn		0000-0001-5691-5451

ISSN: 2161-1653

Record 92 of 147

Title: Biocompatibility of poly(2-alkyl-2-oxazoline) brush surfaces for adherent lung cell lines

Author(s): Tait, A (Tait, Angela); Fisher, AL (Fisher, Adam L.); Hartland, T (Hartland, Tom); Smart, D (Smart, David); Glynne-Jones, P (Glynne-Jones, Peter); Hill, M (Hill, Martyn); Swindle, EJ (Swindle, Emily J.); Grossel, M (Grossel, Martin); Davies, DE (Davies, Donna E.)

Source: BIOMATERIALS **Volume:** 61 **Pages:** 26-32 **DOI:** 10.1016/j.biomaterials.2015.04.059 **Published:** AUG 2015

Accession Number: WOS:000357229900003

PubMed ID: 25993014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Davies, Donna	H-2993-2012	
Glynne-Jones, Peter	A-3025-2012	0000-0001-5684-3953
Hill, Martyn	B-4727-2008	0000-0001-6448-9448
Swindle, Emily		0000-0003-3644-7747
Davies, Donna		0000-0002-5117-2991
smart, David		0000-0002-1411-723X

ISSN: 0142-9612

eISSN: 1878-5905

Record 93 of 147

Title: A Low Protein Binding Cationic Poly(2-oxazoline) as Non-Viral Vector

Author(s): He, ZJ (He, Zhijian); Miao, L (Miao, Lei); Jordan, R (Jordan, Rainer); S-Manickam, D (S-Manickam, Devika); Luxenhofer, R (Luxenhofer, Robert); Kabanov, AV (Kabanov, Alexander V.)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 15 **Issue:** 7 **Pages:** 1004-1020 **DOI:** 10.1002/mabi.201500021 **Published:** JUL 2015

Accession Number: WOS:000358015600011

PubMed ID: 25846127

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Jordan, Rainer	B-6542-2008	0000-0002-9414-1597
Luxenhofer, Robert	C-2825-2008	0000-0001-5567-7404
Kabanov, Alexander	N-3356-2013	0000-0002-3665-946X

ISSN: 1616-5187
eISSN: 1616-5195

Record 94 of 147

Title: Poly(2-oxazoline) based micelles with high capacity for 3rd generation taxoids: Preparation, in vitro and in vivo evaluation

Author(s): He, ZJ (He, Zhijian); Schulz, A (Schulz, Anita); Wan, XM (Wan, Xiaomeng); Seitz, J (Seitz, Joshua); Bludau, H (Bludau, Herdis); Alakhova, DY (Alakhova, Daria Y.); Darr, DB (Darr, David B.); Perou, CM (Perou, Charles M.); Jordan, R (Jordan, Rainer); Ojima, I (Ojima, Iwao); Kabanov, AV (Kabanov, Alexander V.); Luxenhofer, R (Luxenhofer, Robert)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 208 **Pages:** 67-75 **DOI:** 10.1016/j.jconrel.2015.02.024 **Published:** JUN 28 2015

Accession Number: WOS:000354172000008

PubMed ID: 25725361

Conference Title: 12th International Nanomedicine and Drug Delivery Symposium (nanoDDS)

Conference Date: OCT 06-08, 2014

Conference Location: Chapel Hill, NC

Conference Sponsors: UNC Eshelman Sch Pharm, UNC Lineberger Comprehensive Cancer Ctr, Carolina Ctr Cancer Nanotechnol Excellence, UNC Ctr Nanotechnol Drug Delivery, N Carolina Biotechnol Ctr, UNMC Ctr Drug Delivery Nanomedicine, Liquidia Technologies, Bind Therapeut, Perkin Elmer, Malvern, Quidel, Particle Metrix, CytoViva, iTheraMedical, HemaCare, Hutchison PLLC, Remi, Bibby, Buchi, SU Grp, World Wide Med Prod

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Kabanov, Alexander	N-3356-2013	0000-0002-3665-946X
Perou, Charles	H-9934-2014	0000-0001-9827-2247
Ojima, Iwao		0000-0002-3628-1161

ISSN: 0168-3659
eISSN: 1873-4995

Record 95 of 147

Title: Functional Poly(2-oxazoline)s by Direct Amidation of Methyl Ester Side Chains

Author(s): Mees, MA (Mees, Maarten A.); Hoogenboom, R (Hoogenboom, Richard)

Source: MACROMOLECULES **Volume:** 48 **Issue:** 11 **Pages:** 3531-3538 **DOI:** 10.1021/acs.macromol.5b00290 **Published:** JUN 9 2015

Accession Number: WOS:000356201100016

Author Identifiers:

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Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Mees, Maarten		0000-0003-0039-3230

ISSN: 0024-9297
eISSN: 1520-5835

Record 96 of 147

Title: Colorimetric Logic Gates Based on Poly(2-alkyl-2-oxazoline)Coated Gold Nanoparticles

Author(s): de la Rosa, VR (de la Rosa, Victor R.); Zhang, ZY (Zhang, Zhiyue); De Geest, BG (De Geest, Bruno G.); Hoogenboom, R (Hoogenboom, Richard)

Source: ADVANCED FUNCTIONAL MATERIALS **Volume:** 25 **Issue:** 17 **Pages:** 2511-2519 **DOI:** 10.1002/adfm.201404560 **Published:** MAY 6 2015

Accession Number: WOS:000354200000003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
de la Rosa, Victor	E-4060-2016	0000-0003-1817-3818

ISSN: 1616-301X
eISSN: 1616-3028

Record 97 of 147

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 98 of 147

Title: Poly(2-oxazoline)s and click chemistry: A versatile toolbox toward multi-functional polymers

Author(s): Lava, K (Lava, Kathleen); Verbracken, B (Verbracken, Bart); Hoogenboom, R (Hoogenboom, Richard)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 98-111 **DOI:** 10.1016/j.eurpolymj.2015.01.014 **Published:** APR 2015

Accession Number: WOS:000353076900008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 0014-3057

eISSN: 1873-1945

Record 99 of 147

Title: Systematic investigation of alkyl sulfonate initiators for the cationic ring-opening polymerization of 2-oxazolines revealing optimal combinations of monomers and initiators

Author(s): Glassner, M (Glassner, Mathias); D'hooge, DR (D'hooge, Dagmar R.); Park, JY (Park, Jin Young); Van Steenberge, PHM (Van Steenberge, Paul H. M.); Monnery, BD (Monnery, Bryn D.); Reyniers, MF (Reyniers, Marie-Francoise); Hoogenboom, R (Hoogenboom, Richard)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 298-304 **DOI:** 10.1016/j.eurpolymj.2015.01.019 **Published:** APR 2015

Accession Number: WOS:000353076900024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Glassner, Mathias	C-6242-2013	0000-0003-3245-5109

ISSN: 0014-3057

eISSN: 1873-1945

Record 100 of 147

Title: Potentially biocompatible polyacrylamides derived by the Ugi four-component reaction

Author(s): Sehlinger, A (Sehlinger, Ansgar); Ochsenreither, K (Ochsenreither, Katrin); Bartnick, N (Bartnick, Nikolai); Meier, MAR (Meier, Michael A. R.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 313-324 **DOI:** 10.1016/j.eurpolymj.2015.01.032 **Published:** APR 2015

Accession Number: WOS:000353076900026

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Meier, Michael	C-4853-2008	0000-0002-4448-5279

ISSN: 0014-3057

eISSN: 1873-1945

Record 101 of 147

Title: Thermoresponsive polymer system based on poly(N-vinylcaprolactam) intended for local radiotherapy applications

Author(s): Cernoch, P (Cernoch, Peter); Cernochova, Z (Cernochova, Zulfia); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Petrova, S (Petrova, Svetlana); Stepanek, P (Stepanek, Petr)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 98 **Pages:** 7-12 **DOI:** 10.1016/j.apradiso.2015.01.005 **Published:** APR 2015

Accession Number: WOS:000352245100002

PubMed ID: 25617711

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Cernochova, Zulfiya	H-6730-2014	
Cernoch, Peter	H-6988-2014	
Petrova, Svetlana	S-9341-2018	0000-0003-1516-1002
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0969-8043

Record 102 of 147

Title: Side-Chain Cysteine-Functionalized Poly(2-oxazoline)s for Multiple Peptide Conjugation by Native Chemical Ligation

Author(s): Schmitz, M (Schmitz, Michael); Kuhlmann, M (Kuhlmann, Matthias); Reimann, O (Reimann, Oliver); Hackenberger, CPR (Hackenberger, Christian P. R.); Groll, J (Groll, Juergen)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 4 **Pages:** 1088-1094 **DOI:** 10.1021/bm501697t **Published:** APR 2015

Accession Number: WOS:000353006000002

PubMed ID: 25728550

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Reimann, Oliver		0000-0002-5438-560X
Hackenberger, Christian		0000-0001-7457-4742

ISSN: 1525-7797

eISSN: 1526-4602

Record 103 of 147

Title: Design and evaluation of pH-sensitive liposomes constructed by poly(2-ethyl-2-oxazoline)-cholesterol hemisuccinate for doxorubicin delivery

Author(s): Xua, HA (Xua, Huan); Hu, MN (Hu, Meina); Yu, X (Yu, Xiu); Li, Y (Li, Yan); Fu, YS (Fu, Yuanshan); Zhou, XX (Zhou, Xiaoxia); Zhang, D (Zhang, Di); Li, JY (Li, Jianying)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS **Volume:** 91 **Pages:** 66-74 **DOI:** 10.1016/j.ejpb.2015.01.030 **Published:** APR 2015

Accession Number: WOS:000353072100009

PubMed ID: 25660909

ISSN: 0939-6411

eISSN: 1873-3441

Record 104 of 147

Title: Self-Assembly of Amphiphilic Block Copolypeptoids with C-2-C-5 Side Chains in Aqueous Solution

Author(s): Fetsch, C (Fetsch, Corinna); Flecks, S (Flecks, Silvana); Gieseler, D (Gieseler, Dan); Marschelke, C (Marschelke, Claudia); Ulbricht, J (Ulbricht, Juliane); van Pee, KH (van Pee, Karl-Heinz); Luxenhofer, R (Luxenhofer, Robert)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 216 **Issue:** 5 **Pages:** 547-560 **DOI:** 10.1002/macp.201400534 **Published:** MAR 2015

Accession Number: WOS:000350507500009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Luxenhofer, Robert	C-2825-2008	0000-0001-5567-7404

ISSN: 1022-1352

eISSN: 1521-3935

Record 105 of 147

Title: Water-Soluble Thermoresponsive alpha-Helical Polypeptide with an Upper Critical Solution Temperature: Synthesis, Characterization, and Thermoresponsive Phase Transition Behaviors

Author(s): Deng, Y (Deng, Yong); Xu, YZ (Xu, Yanzhi); Wang, X (Wang, Xi); Yuan, QL (Yuan, Qiulin); Ling, Y (Ling, Ying); Tang, HY (Tang, Haoyu)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 36 **Issue:** 5 **Pages:** 453-458 **DOI:** 10.1002/marc.201400625 **Published:** MAR 2015

Accession Number: WOS:000350509300005

PubMed ID: 25639700

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eISSN: 1521-3927

Record 106 of 147

Title: Novel thermo-responsive double-hydrophilic and hydrophobic MPEO-b-PtOx-b-PCL triblock terpolymers: Synthesis, characterization and self-assembly studies

Author(s): Petrova, S (Petrova, Svetlana); Venturini, CG (Venturini, Cristina Garcia); Jager, A (Jaeger, Alessandro); Jager, E (Jager, Eliezer); Cernoch, P (Cernoch, Peter); Kereiche, S (Kereiche, Sami); Kovacic, L (Kovacic, Lubomir); Raska, I (Raska, Ivan); Stepanek, P (Stepanek, Petr)

Source: POLYMER **Volume:** 59 **Pages:** 215-225 **DOI:** 10.1016/j.polymer.2015.01.009 **Published:** FEB 24 2015

Accession Number: WOS:000350618000025

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Jager, Eliezer	D-8924-2016	
Raska, Ivan	H-2326-2017	0000-0002-2583-5595
Jager, Alessandro	D-8647-2016	
Cernoch, Peter	H-6988-2014	

ISSN: 0032-3861

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Record 107 of 147

Title: Poly(L-lysine)-graft-folic acid-coupled poly(2-methyl-2-oxazoline) (PLL-g-PMOXA-c-FA): A Bioactive Copolymer for Specific Targeting to Folate Receptor-Positive Cancer Cells

Author(s): Chen, Y (Chen, Yin); Cao, WB (Cao, Wenbin); Zhou, JL (Zhou, Junli); Pidhatika, B (Pidhatika, Bidhari); Xiong, B (Xiong, Bin); Huang, L (Huang, Lu); Tian, Q (Tian, Qian); Shu, YW (Shu, Yiwei); Wen, WJ (Wen, Weijia); Hsing, IM (Hsing, I-Ming); Wu, HK (Wu, Hongkai)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 7 **Issue:** 4 **Pages:** 2919-2930 **DOI:** 10.1021/am508399w **Published:** FEB 4 2015

Accession Number: WOS:000349137300093

PubMed ID: 25581478

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Hsing, I-Ming		0000-0002-3326-3021
Huang, Xuhui		0000-0002-7119-9358

ISSN: 1944-8244

eISSN: 1944-8252

Record 108 of 147

Title: Multi-Responsive Polymer Micelles as Ellipticine Delivery Carriers for Cancer Therapy

Author(s): Studenovsky, M (Studenovsky, Martin); Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Ulbrich, K (Ulbrich, Karel)

Source: ANTICANCER RESEARCH **Volume:** 35 **Issue:** 2 **Pages:** 753-757 **Published:** FEB 2015

Accession Number: WOS:000349598600018

PubMed ID: 25667454

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Author	Web of Science ResearcherID	ORCID Number
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Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0250-7005

eISSN: 1791-7530

Record 109 of 147

Title: Role of Hydrophilicity and Length of Diblock Arms for Determining Star Polymer Physical Properties

Author(s): Felberg, LE (Felberg, Lisa E.); Brookes, DH (Brookes, David H.); Head-Gordon, T (Head-Gordon, Teresa); Rice, JE (Rice, Julia E.); Swope, WC (Swope, William C.)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 119 **Issue:** 3 **Special Issue:** SI **Pages:** 944-957 **DOI:** 10.1021/jp506203k **Published:** JAN 22 2015

Accession Number: WOS:000351329400031

PubMed ID: 25254622

ISSN: 1520-6106

Record 110 of 147

Title: From globules to crystals: a spectral study of poly(2-isopropyl-2-oxazoline) crystallization in hot water

Author(s): Sun, ST (Sun, Shengtong); Wu, PY (Wu, Peiyi)

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS **Volume:** 17 **Issue:** 48 **Pages:** 32232-32240 **DOI:** 10.1039/c5cp05626h **Published:** 2015

Accession Number: WOS:000365954700018

PubMed ID: 26580840

Author Identifiers:

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ISSN: 1463-9076

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Record 111 of 147

Title: Solvent-free mechanochemical synthesis of a bicyclononyne tosylate: a fast route towards bioorthogonal clickable poly(2-oxazoline)s

Author(s): Glassner, M (Glassner, Mathias); Maji, S (Maji, Samarendra); de la Rosa, VR (de la Rosa, Victor R.); Vanparijs, N (Vanparijs, Nane); Ryskulova, K (Ryskulova, Kanykei); De Geest, BG (De Geest, Bruno G.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 48 **Pages:** 8354-8359 **DOI:** 10.1039/c5py01280e **Published:** 2015

Accession Number: WOS:000366021600015

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Maji, Samarendra		0000-0002-9153-2031

ISSN: 1759-9954

eISSN: 1759-9962

Record 112 of 147

Title: Conformational changes in the heat-induced crystallization of poly(2-isopropyl-2-oxazoline) in the solid state

Author(s): Sun, ST (Sun, Shengtong); Wu, PY (Wu, Peiyi)

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS **Volume:** 17 **Issue:** 46 **Pages:** 31084-31092 **DOI:** 10.1039/c5cp05719a **Published:** 2015

Accession Number: WOS:000365401700033

PubMed ID: 26535781

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ISSN: 1463-9076

eISSN: 1463-9084

Record 113 of 147

Title: POZylation: a new approach to enhance nanoparticle diffusion through mucosal barriers

Author(s): Mansfield, EDH (Mansfield, Edward D. H.); Sillence, K (Sillence, Katy); Hole, P (Hole, Patrick); Williams, AC (Williams, Adrian C.); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.)

Source: NANOSCALE **Volume:** 7 **Issue:** 32 **Pages:** 13671-13679 **DOI:** 10.1039/c5nr03178h **Published:** 2015

Accession Number: WOS:000359234100046

PubMed ID: 26214263

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Williams, Adrian		0000-0003-3654-7916

ISSN: 2040-3364

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Record 114 of 147

Title: Supramolecular self-assembly of novel thermo-responsive double-hydrophilic and hydrophobic Y-shaped [MPEO-b-PEtOx-b-(PCL)(2)] terpolymers

Author(s): Petrova, S (Petrova, S.); Venturini, CG (Venturini, C. G.); Jager, A (Jaeger, A.); Jager, E (Jaeger, E.); Hruby, M (Hruby, M.); Pavlova, E (Pavlova, E.); Stepanek, P (Stepanek, P.)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 77 **Pages:** 62844-62854 **DOI:** 10.1039/c5ra08298f **Published:** 2015

Accession Number: WOS:000358620100063

Author Identifiers:

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Jager, Eliezer	D-8924-2016	
Petrova, Svetlana	S-9341-2018	0000-0003-1516-1002

ISSN: 2046-2069

Record 115 of 147

Title: Properties and reactivity of polyoxazoline plasma polymer films

Author(s): Macgregor-Ramiasa, MN (Macgregor-Ramiasa, Melanie N.); Cavallaro, AA (Cavallaro, Alex A.); Vasilev, K (Vasilev, Krasimir)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 3 **Issue:** 30 **Pages:** 6327-6337 **DOI:** 10.1039/c5tb00901d **Published:** 2015

Accession Number: WOS:000358351400020

Author Identifiers:

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Vasilev, Krasimir		0000-0003-3534-4754

ISSN: 2050-750X

eISSN: 2050-7518

Record 116 of 147

Title: Mild Bronsted acid initiated controlled polymerizations of 2-oxazoline towards one-pot synthesis of novel double-hydrophilic poly(2-ethyl-2-oxazoline)-block-poly(sarcosine)

Author(s): Wu, WZ (Wu, Wenzhuo); Cui, SD (Cui, Saide); Li, ZJ (Li, Zhenjiang); Liu, JJ (Liu, Jingjing); Wang, HY (Wang, Huiying); Wang, X (Wang, Xin); Zhang, QG (Zhang, Qiguo); Wu, H (Wu, Hao); Guo, K (Guo, Kai)

Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 15 **Pages:** 2970-2976 **DOI:** 10.1039/c5py00256g **Published:** 2015

Accession Number: WOS:000352089500019

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eISSN: 1759-9962

Record 117 of 147

Title: Aldehyde-functional copolymers based on poly(2-oxazoline) for post-polymerization modification

Author(s): Legros, C (Legros, Camille); De Pauw-Gillet, MC (De Pauw-Gillet, Marie-Claire); Tam, KC (Tam, Kam Chiu); Lecommandoux, S (Lecommandoux, Sebastien); Taton, D (Taton, Daniel)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 62 **Special Issue:** SI **Pages:** 322-330 **DOI:** 10.1016/j.eurpolymj.2014.08.026 **Published:** JAN 2015

Accession Number: WOS:000348486200033

Author Identifiers:

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Lecommandoux, Sebastien	N-1104-2019	0000-0003-0465-8603

ISSN: 0014-3057

eISSN: 1873-1945

Record 118 of 147

Title: Blending of reactive prepolymers to control the morphology and polarity of polyglycidol based microgels

Author(s): Schulte, B (Schulte, B.); Rahimi, K (Rahimi, K.); Keul, H (Keul, H.); Demco, DE (Demco, D. E.); Walther, A (Walther, A.); Moller, M (Moeller, M.)

Source: SOFT MATTER **Volume:** 11 **Issue:** 5 **Pages:** 943-953 **DOI:** 10.1039/c4sm02116a **Published:** 2015

Accession Number: WOS:000348198300014

PubMed ID: 25515704

Author Identifiers:

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Walther, Andreas	D-4139-2009	0000-0002-3662-5606

ISSN: 1744-683X

eISSN: 1744-6848

Record 119 of 147

Title: Poly(2-oxazoline)-Based Nanogels as Biocompatible Pseudopolypeptide Nanoparticles

Author(s): Legros, C (Legros, Camille); Wirotius, AL (Wirotius, Anne-Laure); De Pauw-Gillet, MC (De Pauw-Gillet, Marie-Claire); Tam, KC (Tam, Kam Chiu); Taton, D (Taton, Daniel); Lecommandoux, S (Lecommandoux, Sebastien)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 1 **Pages:** 183-191 **DOI:** 10.1021/bm501393q **Published:** JAN 2015

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PubMed ID: 25409266

Author Identifiers:

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Record 120 of 147

Title: Poly(2-ethyl-2-oxazoline)-Doxorubicin Conjugate-Based Dual Endosomal pH-Sensitive Micelles with Enhanced Antitumor Efficacy

Author(s): Li, JW (Li, Jinwen); Zhou, YX (Zhou, Yanxia); Li, CW (Li, Chengwei); Wang, DS (Wang, Dishu); Gao, YJ (Gao, Yajie); Zhang, C (Zhang, Chao); Zhao, L (Zhao, Lei); Li, YS (Li, Yushu); Liu, Y (Liu, Yan); Li, XR (Li, Xinru)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 26 **Issue:** 1 **Pages:** 110-119 **DOI:** 10.1021/bc5004718 **Published:** JAN 2015

Accession Number: WOS:000348483200012

PubMed ID: 25506713

ISSN: 1043-1802

Record 121 of 147

Title: Core cross-linked nanogels based on the self-assembly of double hydrophilic poly(2-oxazoline) block copolymers

Author(s): Hartlieb, M (Hartlieb, Matthias); Pretzel, D (Pretzel, David); Wagner, M (Wagner, Michael); Hoeppener, S (Hoeppener, Stephanie); Bellstedt, P (Bellstedt, Peter); Gorlach, M (Goerlach, Matthias); Englert, C (Englert, Christoph); Kempe, K (Kempe, Kristian); Schubert, US (Schubert, Ulrich S.)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 3 **Issue:** 9 **Pages:** 1748-1759 **DOI:** 10.1039/c4tb02069c **Published:** 2015

Accession Number: WOS:000350343700002

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Bellstedt, Peter		0000-0002-5131-8452

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Record 122 of 147

Title: Antibiofouling polymer interfaces: poly(ethylene glycol) and other promising candidates

Author(s): Lowe, S (Lowe, Sean); O'Brien-Simpson, NM (O'Brien-Simpson, Neil M.); Connal, LA (Connal, Luke A.)

Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 2 **Pages:** 198-212 **DOI:** 10.1039/c4py01356e **Published:** 2015

Accession Number: WOS:000346049200002

Author Identifiers:

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Record 123 of 147

Title: Poly(N-vinylcaprolactam): A Thermoresponsive Macromolecule with Promising Future in Biomedical Field

Author(s): Liu, J (Liu, Ji); Debuigne, A (Debuigne, Antoine); Detrembleur, C (Detrembleur, Christophe); Jerome, C (Jerome, Christine)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 3 **Issue:** 12 **Special Issue:** SI **Pages:** 1941-1968 **DOI:** 10.1002/adhm.201400371 **Published:** DEC 2014

Accession Number: WOS:000346171100002

PubMed ID: 25354338

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Liu, Ji	D-6540-2017	0000-0001-7171-405X
Detrembleur, Christophe	D-7079-2011	0000-0001-7849-6796
Liu, Ji	B-6358-2019	0000-0001-7171-405X

ISSN: 2192-2640

eISSN: 2192-2659

Record 124 of 147

Title: One-step synthesis of poly(2-oxazoline)-based amphiphilic block copolymers using a dual initiator for RAFT polymerization and CROP

Author(s): Yu, YC (Yu, Young Chang); Cho, HS (Cho, Hang Sung); Yu, WR (Yu, Woong-Ryeol); Youk, JH (Youk, Ji Ho)

Source: POLYMER **Volume:** 55 **Issue:** 23 **Special Issue:** SI **Pages:** 5986-5990 **DOI:** 10.1016/j.polymer.2014.09.038 **Published:** NOV 5 2014

Accession Number: WOS:000345310100017

ISSN: 0032-3861

eISSN: 1873-2291

Record 125 of 147

Title: Tuning the LCST of Poly(2-cyclopropyl-2-oxazoline) via Gradient Copolymerization with 2-Ethyl-2-Oxazoline

Author(s): Glassner, M (Glassner, Mathias); Lava, K (Lava, Kathleen); de la Rosa, VR (de la Rosa, Victor R.); Hoogenboom, R (Hoogenboom, Richard)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 52 **Issue:** 21 **Pages:** 3118-3122 **DOI:** 10.1002/pola.27364 **Published:** NOV 1 2014

Accession Number: WOS:000342830600013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
de la Rosa, Victor	E-4060-2016	0000-0003-1817-3818
Glassner, Mathias	C-6242-2013	0000-0003-3245-5109

ISSN: 0887-624X

eISSN: 1099-0518

Record 126 of 147

Title: Zwitterionic poly(2-oxazoline)s as promising candidates for blood contacting applications

Author(s): Tauhardt, L (Tauhardt, Lutz); Pretzel, D (Pretzel, David); Kempe, K (Kempe, Kristian); Gottschaldt, M (Gottschaldt, Michael); Pohlers, D (Pohlers, Dirk); Schubert, US (Schubert, Ulrich S.)

Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 19 **Pages:** 5751-5764 **DOI:** 10.1039/c4py00434e **Published:** OCT 7 2014

Accession Number: WOS:000342481200026

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Kempe, Kristian		0000-0002-0136-9403

ISSN: 1759-9954

eISSN: 1759-9962

Record 127 of 147

Title: The collapse and aggregation of thermoresponsive poly(2-oxazoline) gradient copolymers: a time-resolved SANS study

Author(s): Jaksch, S (Jaksch, Sebastian); Schulz, A (Schulz, Anita); Kyriakos, K (Kyriakos, Konstantinos); Zhang, JQ (Zhang, Jianqi); Grillo, I (Grillo, Isabelle); Pipich, V (Pipich, Vitaliy); Jordan, R (Jordan, Rainer); Papadakis, CM (Papadakis, Christine M.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 292 **Issue:** 10 **Pages:** 2413-2425 **DOI:** 10.1007/s00396-014-3333-6 **Published:** OCT 2014

Accession Number: WOS:000342172300002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jordan, Rainer	B-6542-2008	0000-0002-9414-1597
Zhang, Jianqi	A-1670-2017	0000-0002-3549-1482
Grillo, Isabelle	O-5756-2017	0000-0002-5774-6773
Jaksch, Sebastian	D-6880-2014	0000-0001-5358-8651

ISSN: 0303-402X

eISSN: 1435-1536

Record 128 of 147

Title: One-pot synthesis of cyclopentadienyl endcapped poly(2-ethyl-2-oxazoline) and subsequent ambient temperature Diels-Alder conjugations

Author(s): Glassner, M (Glassner, Mathias); Kempe, K (Kempe, Kristian); Schubert, US (Schubert, Ulrich S.); Barner-Kowollik, C (Barner-Kowollik, Christopher); Hoogenboom, R (Hoogenboom, Richard)

Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY **Meeting Abstract:** 554-POLY **Volume:** 248 **Published:** AUG 10 2014

Accession Number: WOS:000349167405668

Conference Title: 248th National Meeting of the American-Chemical-Society (ACS)

Conference Date: AUG 10-14, 2014

Conference Location: San Francisco, CA

Conference Sponsors: Amer Chem Soc

ISSN: 0065-7727

Record 129 of 147

Title: Cationic ring-opening polymerization of 2-propyl-2-oxazolines: Understanding structural effects on polymerization behavior based on molecular modeling

Author(s): Glassner, M (Glassner, Mathias); Goossens, H (Goossens, Hannelore); Catak, S (Catak, Saron); de la Rosa, VR (de la Rosa, Victor R.); Monnery, BD (Monnery, Bryn D.); De Proft, F (De Proft, Frank); Van Speybroeck, V (Van Speybroeck, Veronique); Hoogenboom, R (Hoogenboom, Richard)

Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY **Meeting Abstract:** 5-POLY **Volume:** 248 **Published:** AUG 10 2014

Accession Number: WOS:000349167405143

Conference Title: 248th National Meeting of the American-Chemical-Society (ACS)

Conference Date: AUG 10-14, 2014

Conference Location: San Francisco, CA

Conference Sponsors: Amer Chem Soc

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
De Proft, Frank	M-2593-2016	0000-0003-4900-7513
de la Rosa, Victor	E-4060-2016	0000-0003-1817-3818

ISSN: 0065-7727

Record 130 of 147

Title: Poly(2-oxazoline)s as potent(ial) biomaterials

Author(s): Hoogenboom, R (Hoogenboom, Richard)

Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY **Meeting Abstract:** 286-POLY **Volume:** 248 **Published:** AUG 10 2014

Accession Number: WOS:000349167405414

Conference Title: 248th National Meeting of the American-Chemical-Society (ACS)

Conference Date: AUG 10-14, 2014

Conference Location: San Francisco, CA

Conference Sponsors: Amer Chem Soc

ISSN: 0065-7727

Record 131 of 147

Title: Micellization behavior of gradient and block copoly(2-oxazoline)s

Author(s): Verbraeken, B (Verbraeken, Bart); Filippov, S (Filippov, Sergey); Bogomolova, A (Bogomolova, Anna); Matushkin, N (Matushkin, Nikolai); Konarev, P (Konarev, Petr); Radulesku, A (Radulesku, Aurel); Rogers, S (Rogers, Sarah); Hoogenboom, R (Hoogenboom, Richard)

Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY **Meeting Abstract:** 558-POLY **Volume:** 248 **Published:** AUG 10 2014

Accession Number: WOS:000349167405672

Conference Title: 248th National Meeting of the American-Chemical-Society (ACS)

Conference Date: AUG 10-14, 2014

Conference Location: San Francisco, CA

Conference Sponsors: Amer Chem Soc

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bogomolova, Anna	O-2982-2016	
Konarev, Petr	W-1380-2017	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0065-7727

Record 132 of 147

Title: Highly hydrophilic and nonionic poly(2-vinylloxazoline)-grafted silica: a novel organic phase for high-selectivity hydrophilic interaction chromatography

Author(s): Mallik, AK (Mallik, Abul K.); Cheah, WK (Cheah, Wee Keat); Shingo, K (Shingo, Kaori); Ejzaki, A (Ejzaki, Aika); Takafuji, M (Takafuji, Makoto); Ihara, H (Ihara, Hirotaka)

Source: ANALYTICAL AND BIOANALYTICAL CHEMISTRY **Volume:** 406 **Issue:** 19 **Pages:** 4585-4593 **DOI:** 10.1007/s00216-014-7868-7 **Published:** JUL 2014

Accession Number: WOS:000339155500002

PubMed ID: 24858469

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Takafuji, Makoto	F-1062-2014	0000-0001-9985-2569
Mallik, Abul K.		0000-0003-4949-3400

ISSN: 1618-2642
eISSN: 1618-2650

Record 133 of 147

Title: Study of Complex Thermosensitive Amphiphilic Polyoxazolines and Their Interaction with Ionic Surfactants. Are Hydrophobic, Thermosensitive, and Hydrophilic Moieties Equally Important?

Author(s): Bogomolova, A (Bogomolova, Anna); Filippov, SK (Filippov, Sergey K.); Starovoytova, L (Starovoytova, Larisa); Angelov, B (Angelov, Borislav); Konarev, P (Konarev, Petr); Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 118 **Issue:** 18 **Pages:** 4940-4950 **DOI:** 10.1021/jp5011296 **Published:** MAY 8 2014

Accession Number: WOS:000335878000025

PubMed ID: 24745928

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Angelov, Borislav	E-9074-2012	
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Starovoytova, Larisa	E-3931-2012	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Bogomolova, Anna	O-2982-2016	
Konarev, Petr	W-1380-2017	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 1520-6106

Record 134 of 147

Title: Poly(2-oxazoline)s as materials for biomedical applications

Author(s): de la Rosa, VR (de la Rosa, Victor R.)

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE **Volume:** 25 **Issue:** 5 **Pages:** 1211-1225 **DOI:** 10.1007/s10856-013-5034-y **Published:** MAY 2014

Accession Number: WOS:000334503300001

PubMed ID: 23975334

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
de la Rosa, Victor E	4060-2016	0000-0003-1817-3818

ISSN: 0957-4530

eISSN: 1573-4838

Record 135 of 147

Title: Poly(2-oxazoline) hydrogels as next generation three-dimensional cell supports

Author(s): Dargaville, TR (Dargaville, Tim R.); Hollier, BG (Hollier, Brett G.); Shokoohmand, A (Shokoohmand, Ali); Hoogenboom, R (Hoogenboom, Richard)

Source: CELL ADHESION & MIGRATION **Volume:** 8 **Issue:** 2 **Pages:** 88-93 **DOI:** 10.4161/cam.28205 **Published:** MAR-APR 2014

Accession Number: WOS:000337952900004

PubMed ID: 24714592

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard B	8977-2008	0000-0001-7398-2058
Dargaville, Tim		0000-0003-4665-9508

ISSN: 1933-6918

eISSN: 1933-6926

Record 136 of 147

Title: Glycogen-graft-poly(2-alkyl-2-oxazolines) - the new versatile biopolymer-based thermoresponsive macromolecular toolbox

Author(s): Pospisilova, A (Pospisilova, Aneta); Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Turner, S (Turner, Stuart); Sedlacek, O (Sedlacek, Ondrej); Matushkin, N (Matushkin, Nikolai); Cernochova, Z (Cernochova, Zulfia); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 106 **Pages:** 61580-61588 **DOI:** 10.1039/c4ra10315g **Published:** 2014

Accession Number: WOS:000345656600045

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernochova, Zulfia	H-6730-2014	
Hruby, Martin	H-6479-2014	
Bogomolova, Anna	O-2982-2016	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 2046-2069

Record 137 of 147

Title: Novel thermosensitive telechelic PEGs with antioxidant activity: synthesis, molecular properties and conformational behaviour

Author(s): Sergeeva, O (Sergeeva, Olga); Vlasov, PS (Vlasov, Petr S.); Domnina, NS (Domnina, Nina S.); Bogomolova, A (Bogomolova, Anna); Konarev, PV (Konarev, Petr V.); Svergun, DI (Svergun, Dmitri I.); Walterova, Z (Walterova, Zuzana); Horsky, J (Horsky, Jiri); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 79 **Pages:** 41763-41771 **DOI:** 10.1039/c4ra06978a **Published:** 2014

Accession Number: WOS:000342161600008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bogomolova, Anna	O-2982-2016	
Vlasov, Petr	K-4465-2013	0000-0003-4912-4293
Horsky, Jiri	G-3442-2014	0000-0002-1700-6332
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Konarev, Petr	W-1380-2017	
Domnina, Nina	K-7611-2013	0000-0002-7124-899X

ISSN: 2046-2069

Record 138 of 147

Title: Advanced synthetic polymer biomaterials derived from organic sources

Author(s): Ivanova, EP (Ivanova, Elena P.); Bazaka, K (Bazaka, Kateryna); Crawford, RJ (Crawford, Russell J.)

Book Author(s): Ivanova, EP (Ivanova, EP); Bazaka, K (Bazaka, K); Crawford, RJ (Crawford, RJ)

Source: NEW FUNCTIONAL BIOMATERIALS FOR MEDICINE AND HEALTHCARE **Book Series:** Woodhead Publishing Series in Biomaterials **Volume:** 67 **Pages:** 71-99 **DOI:** 10.1533/9781782422662.71 **Published:** 2014

Accession Number: WOS:000341779700004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ivanova, Elena B	1255-2019	0000-0002-5509-8071

ISSN: 2049-9485

ISBN: 978-1-78242-266-2; 978-1-78242-265-5

Record 139 of 147

Title: Fluorescence correlation spectroscopy in polymer science

Author(s): Woll, D (Woell, Dominik)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 5 **Pages:** 2447-2465 **DOI:** 10.1039/c3ra44909b **Published:** 2014

Accession Number: WOS:000329035400052

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Woll, Dominik F	9768-2012	0000-0001-5700-4182

ISSN: 2046-2069

Record 140 of 147

Title: Clickable Poly(2-oxazoline) Architectures for the Fabrication of Low-Fouling Polymer Capsules

Author(s): Kempe, K (Kempe, Kristian); Ng, SL (Ng, Sher Leen); Noi, KF (Noi, Ka Fung); Mullner, M (Muellner, Markus); Gunawan, ST (Gunawan, Sylvia T.); Caruso, F (Caruso, Frank)

Source: ACS MACRO LETTERS **Volume:** 2 **Issue:** 12 **Pages:** 1069-1072 **DOI:** 10.1021/mz400522e **Published:** DEC 2013

Accession Number: WOS:000328797600006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Muellner, Markus	K-9094-2019	0000-0002-0298-554X
Caruso, Frank	A-9587-2011	0000-0002-0197-497X
Kempe, Kristian		0000-0002-0136-9403
Noi, Ka Fung		0000-0003-3369-7142

eISSN: 2161-1653

Record 141 of 147

Title: Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties

Author(s): Bogomolova, A (Bogomolova, Anna); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Rabyk, M (Rabyk, Maria); Turner, S (Turner, Stuart); Bals, S (Bals, Sara); Steinhart, M (Steinhart, Milos); Zhigunov, A (Zhigunov, Alexander); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY **Volume:** 46 **Pages:** 1690-1698 **DOI:** 10.1107/S0021889813027064 **Part:** 6 **Published:** DEC 2013

Accession Number: WOS:000327070000020

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Panek, Jiri	H-7129-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Turner, Stuart	E-9219-2010	0000-0002-1073-4783
Zhigunov, Alexander	C-3924-2012	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Steinhart, Milos	H-6968-2014	
Bogomolova, Anna	O-2982-2016	
Hruby, Martin	H-6479-2014	
Rabyk, Mariia	O-4625-2015	
Bals, Sara	F-6963-2016	0000-0002-4249-8017

ISSN: 1600-5767

Record 142 of 147

Title: pH and redox responsive hydrogels and nanogels made from poly(2-ethyl-2-oxazoline)

Author(s): Legros, C (Legros, Camille); De Pauw-Gillet, MC (De Pauw-Gillet, Marie-Claire); Tam, KC (Tam, Kam Chiu); Lecommandoux, S (Lecommandoux, Sebastien); Taton, D (Taton, Daniel)

Source: POLYMER CHEMISTRY **Volume:** 4 **Issue:** 17 **Pages:** 4801-4808 **DOI:** 10.1039/c3py00685a **Published:** SEP 17 2013

Accession Number: WOS:000323361300032

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Lecommandoux, Sebastien N-1104-2019
Tam, Michael G-4813-2010
ISSN: 1759-9954
eISSN: 1759-9962

0000-0003-0465-8603
0000-0002-7603-5635

Record 143 of 147

Title: Fine tuning of the pH-dependent drug release rate from polyHPMA-ellipticinium conjugates

Author(s): Sedlacek, O (Sedlacek, Ondrej); Studenovsky, M (Studenovsky, Martin); Vetvicka, D (Vetvicka, David); Ulbrich, K (Ulbrich, Karel); Hruby, M (Hruby, Martin)

Source: BIOORGANIC & MEDICINAL CHEMISTRY **Volume:** 21 **Issue:** 18 **Pages:** 5669-5672 **DOI:** 10.1016/j.bmc.2013.07.038 **Published:** SEP 15 2013

Accession Number: WOS:000323803900002

PubMed ID: 23941688

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Studenovsky, Martin	H-4627-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0968-0896

eISSN: 1464-3391

Record 144 of 147

Title: Hybrid Nanospheres Formed by Intermixed Double-Hydrophilic Block Copolymer Poly(ethylene oxide)-block-poly(2-ethyloxazoline) with High Content of Metallacarboranes

Author(s): Dordovic, V (Dordovic, Vladimir); Uchman, M (Uchman, Mariusz); Prochazka, K (Prochazka, Karel); Zhigunov, A (Zhigunov, Alexander); Plestil, J (Plestil, Josef); Nykanen, A (Nykanen, Antti); Ruokolainen, J (Ruokolainen, Janne); Matejcek, P (Matejcek, Pavel)

Source: MACROMOLECULES **Volume:** 46 **Issue:** 17 **Pages:** 6881-6890 **DOI:** 10.1021/ma4013626 **Published:** SEP 10 2013

Accession Number: WOS:000330145900021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhigunov, Alexander	C-3924-2012	
Prochazka, Karel	C-3012-2014	0000-0003-2144-5378
Ruokolainen, Janne	F-6369-2010	
Mo, Xiulei	A-1616-2017	
Nykanen, Antti	F-6941-2010	0000-0003-4989-2911
Dordovic, Vladimir	G-2385-2017	0000-0002-1794-4185
Matejcek, Pavel	M-6582-2017	0000-0001-5482-3465
Plestil, Josef	H-6807-2014	

ISSN: 0024-9297

eISSN: 1520-5835

Record 145 of 147

Title: Development of a new azido-oxazoline monomer for the preparation of amphiphilic graft copolymers by combination of cationic ring-opening polymerization and click chemistry

Author(s): Lav, TX (Thanh-Xuan Lav); Lemeckho, P (Lemeckho, Pierre); Renard, E (Renard, Estelle); Amiel, C (Amiel, Catherine); Langlois, V (Langlois, Valerie); Volet, G (Volet, Gisele)

Source: REACTIVE & FUNCTIONAL POLYMERS **Volume:** 73 **Issue:** 8 **Pages:** 1001-1008 **DOI:** 10.1016/j.reactfunctpolym.2013.04.013 **Published:** AUG 2013

Accession Number: WOS:000322101400002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
LANGLOIS, Valerie	C-2584-2016	

ISSN: 1381-5148

eISSN: 1873-166X

Record 146 of 147

Title: DPPC/poly(2-methyl-2-oxazoline)-grad-poly(2-phenyl-2-oxazoline) chimeric nanostructures as potential drug nanocarriers

Author(s): Pippa, N (Pippa, Natassa); Kaditi, E (Kaditi, Eleni); Pispas, S (Pispas, Stergios); Demetzos, C (Demetzos, Costas)

Source: JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 15 **Issue:** 6 **Article Number:** UNSP 1685 **DOI:** 10.1007/s11051-013-1685-3 **Published:** JUN 2013

Accession Number: WOS:000319516400019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pippa, Natassa		0000-0002-1197-9010
DEMETZOS, COSTAS		0000-0001-9771-4314

ISSN: 1388-0764
eISSN: 1572-896X

Record 147 of 147

Title: Scaling laws between the hydrodynamic parameters and molecular weight of linear poly(2-ethyl-2-oxazoline)
Author(s): Ye, XD (Ye, Xiaodong); Yang, JX (Yang, Jinxian); Ambreen, J (Ambreen, Jaweria)
Source: RSC ADVANCES **Volume:** 3 **Issue:** 35 **Pages:** 15108-15113 **DOI:** 10.1039/c3ra41120f **Published:** 2013
Accession Number: WOS:000323132100032

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ye, Xiaodong	A-6983-2010	0000-0003-2143-1726

ISSN: 2046-2069

Publication No 3 of 132

Title: Decolorization of synthetic dyes by hydrogen peroxide with heterogeneous catalysis by mixed iron oxides

Author(s): Baldrian, P (Baldrian, P); Merhautova, V (Merhautova, V); Gabriel, J (Gabriel, J); Nerud, F (Nerud, F); Stopka, P (Stopka, P); Hruby, M (Hruby, M); Benes, MJ (Benes, MJ)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 66 **Issue:** 3-4 **Pages:** 258-264 **DOI:** 10.1016/j.apcatb.2006.04.001 **Published:** JUL 20 2006

Accession Number: WOS:000238331300013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Baldrian, Petr	A-9170-2009	0000-0002-8983-2721
Gabriel, Jiri	H-2473-2014	
Benes, Milan	H-6778-2014	
Hruby, Martin	H-6479-2014	
Gabriel, Jiri		0000-0001-9341-3434

ISSN: 0926-3373

Record 1 of 119

Title: Clusters of superparamagnetic iron oxide nanoparticles capped with palm shell extract and modified with chitosan: Catalytic applications for degradation of cationic and anionic dyes and their binary mixtures

Author(s): Vaanamudan, A (Vaanamudan, Ageetha); Sarkar, M (Sarkar, Mitesh); Sadhu, M (Sadhu, Mohini); Pamidimukkala, PS (Pamidimukkala, Padmaja Sudhakar)

Source: JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING **Volume:** 7 **Issue:** 4 **Article Number:** UNSP 103244 **DOI:** 10.1016/j.jece.2019.103244 **Published:** AUG 2019

Accession Number: WOS:000475759600017

ISSN: 2213-2929

eISSN: 2213-3437

Record 2 of 119

Title: Recent advances in copper ferrite nanoparticles and nanocomposites synthesis, magnetic properties and application in water treatment: Review

Author(s): Masunga, N (Masunga, Ngonidzashe); Mmesesi, OK (Mmesesi, Olga Kelebogile); Kefeni, KK (Kefeni, Kebede K.); Mamba, BB (Mamba, Bhekhe B.)

Source: JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING **Volume:** 7 **Issue:** 3 **Article Number:** UNSP 103179 **DOI:** 10.1016/j.jece.2019.103179 **Published:** JUN 2019

Accession Number: WOS:000471644100107

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eISSN: 2213-3437

Record 3 of 119

Title: Hydrothermal temperature effect on microstructure evolution and Fenton-like catalytic performance of spinel ferrite (Mg,Ni)(Fe,Al)(2)O-4 synthesized from saprolitic nickel laterite

Author(s): Han, X (Han, Xing); Chen, T (Chen, Ting); Li, R (Li, Rui); Cheng, FQ (Cheng, Fangqin); Zhang, M (Zhang, Mei); Guo, M (Guo, Min)

Source: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS **Volume:** 568 **Pages:** 11-19 **DOI:** 10.1016/j.colsurfa.2019.01.077 **Published:** MAY 5 2019

Accession Number: WOS:000461361900002

ISSN: 0927-7757

eISSN: 1873-4359

Record 4 of 119

Title: Copper ferrite synthesis from spent Li-ion batteries for multifunctional application as catalyst in photo Fenton process and as electrochemical pseudocapacitor

Author(s): Rocha, AKS (Rocha, A. K. S.); Magnago, LB (Magnago, L. B.); Santos, JJ (Santos, J. J.); Leal, VM (Leal, V. M.); Marins, AAL (Marins, A. A. L.); Pegoretti, VCB (Pegoretti, V. C. B.); Ferreira, SAD (Ferreira, S. A. D.); Lelis, MFF (Lelis, M. F. F.); Freitas, MBJG (Freitas, M. B. J. G.)

Source: MATERIALS RESEARCH BULLETIN **Volume:** 113 **Pages:** 231-240 **DOI:** 10.1016/j.materresbull.2019.02.007 **Published:** MAY 2019

Accession Number: WOS:000461403000032

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lelis, Maria P-7008-2019		0000-0002-4828-4482

ISSN: 0025-5408

eISSN: 1873-4227

Record 5 of 119

Title: A Simple Method for Decoloration of Polysaccharides from Toona sinensis Seeds by Anion Exchange Macroporous Resin

Author(s): Meng, C (Meng, Chao); Wang, RS (Wang, Rongshen); Jiang, WX (Jiang, Wenxian); Lu, Y (Lu, Yan); Li, YQ (Li, Yiqing); Li, WZ (Li, Wanzhong)

Source: JOURNAL OF BIOBASED MATERIALS AND BIOENERGY **Volume:** 13 **Issue:** 2 **Pages:** 201-206 **DOI:** 10.1166/jbmb.2019.1838 **Published:** APR 2019

Accession Number: WOS:000473056800007

ISSN: 1556-6560

eISSN: 1556-6579

Record 6 of 119

Title: The role of cobalt and copper nanoparticles on performance of magnetite-rich waste material in Fenton reaction

Author(s): Rizi, MHM (Rizi, M. H. Maleki); Aghabarari, B (Aghabarari, B.); Alizadeh, M (Alizadeh, M.); Khanlarkhani, A (Khanlarkhani, A.); Huerta, MVM (Martinez Huerta, M. V.)

Source: INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY **Volume:** 16 **Issue:** 1 **Pages:** 373-382 **DOI:** 10.1007/s13762-017-1579-5 **Published:** JAN 2019

Accession Number: WOS:000455252700032

ISSN: 1735-1472

eISSN: 1735-2630

Record 7 of 119

Title: Facile synthesis of metal-doped magnesium ferrite from saprolite laterite as an effective heterogeneous Fenton-like catalyst

Author(s): Han, X (Han, Xing); Zhang, HY (Zhang, Huanyu); Chen, T (Chen, Ting); Zhang, M (Zhang, Mei); Guo, M (Guo, Min)

Source: JOURNAL OF MOLECULAR LIQUIDS **Volume:** 272 **Pages:** 43-52 **DOI:** 10.1016/j.molliq.2018.09.045 **Published:** DEC 15 2018

Accession Number: WOS:000451494700006

ISSN: 0167-7322

eISSN: 1873-3166

Record 8 of 119

Title: Application of fluidized bed reactor containing GOx/MnFe2O4/calcium alginate nano-composite in degradation of a model pollutant

Author(s): Zolfaghari, P (Zolfaghari, Pezhman); Shojaat, R (Shojaat, Rahim); Karimi, A (Karimi, Afzal); Saadatjoo, N (Saadatjoo, Naghi)
Source: JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING **Volume:** 6 **Issue:** 5 **Pages:** 6414-6420 **DOI:** 10.1016/j.jece.2018.09.033 **Published:** OCT 2018

Accession Number: WOS:000449777200078

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Karimi, Afzal		0000-0002-3071-5416

ISSN: 2213-2929

eISSN: 2213-3437

Record 9 of 119

Title: Degradation of organic dyes by a new heterogeneous Fenton reagent - Fe₂GeS₄ nanoparticle

Author(s): Shi, XG (Shi, Xiaoguo); Tian, A (Tian, Ang); You, JH (You, Junhua); Yang, H (Yang, He); Wang, YZ (Wang, Yuzheng); Xue, XX (Xue, Xiangxin)

Source: JOURNAL OF HAZARDOUS MATERIALS **Volume:** 353 **Pages:** 182-189 **DOI:** 10.1016/j.jhazmat.2018.04.018 **Published:** JUL 5 2018

Accession Number: WOS:000438002800022

PubMed ID: 29674093

ISSN: 0304-3894

eISSN: 1873-3336

Record 10 of 119

Title: Spinel photocatalysts for environmental remediation, hydrogen generation, CO₂ reduction and photoelectrochemical water splitting

Author(s): Chandrasekaran, S (Chandrasekaran, Sundaram); Bowen, C (Bowen, Chris); Zhang, PX (Zhang, Peixin); Li, ZL (Li, Zheling); Yuan, QH (Yuan, Qihua); Ren, XZ (Ren, Xiangzhong); Deng, LB (Deng, Libo)

Source: JOURNAL OF MATERIALS CHEMISTRY A **Volume:** 6 **Issue:** 24 **Pages:** 11078-11104 **DOI:** 10.1039/c8ta03669a **Published:** JUN 28 2018

Accession Number: WOS:000435829000002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
S., Chandrasekaran	H-6769-2016	0000-0002-6644-8866
Bowen, Christopher Rhys	B-3087-2008	0000-0002-5880-9131

ISSN: 2050-7488

eISSN: 2050-7496

Record 11 of 119

Title: Magnetite and Green Rust: Synthesis, Properties, and Environmental Applications of Mixed-Valent Iron Minerals

Author(s): Usman, M (Usman, M.); Byrne, JM (Byrne, J. M.); Chaudhary, A (Chaudhary, A.); Orsetti, S (Orsetti, S.); Hanna, K (Hanna, K.); Ruby, C (Ruby, C.); Kappler, A (Kappler, A.); Haderlein, SB (Haderlein, S. B.)

Source: CHEMICAL REVIEWS **Volume:** 118 **Issue:** 7 **Pages:** 3251-3304 **DOI:** 10.1021/acs.chemrev.7b00224 **Published:** APR 11 2018

Accession Number: WOS:000430156100002

PubMed ID: 29465223

Author Identifiers:

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Usman, Muhammad		0000-0001-6900-1333
Haderlein, Stefan	D-1192-2012	0000-0002-9309-8523
Kappler, Andreas		0000-0002-3558-9500

ISSN: 0009-2665

eISSN: 1520-6890

Record 12 of 119

Title: Magnetic multi-metal co-doped magnesium ferrite nanoparticles: An efficient visible light-assisted heterogeneous Fenton-like catalyst synthesized from saprolite laterite ore

Author(s): Diao, YF (Diao, Yifei); Yan, ZK (Yan, Zhikai); Guo, M (Guo, Min); Wang, XD (Wang, Xidong)

Source: JOURNAL OF HAZARDOUS MATERIALS **Volume:** 344 **Pages:** 829-838 **DOI:** 10.1016/j.jhazmat.2017.11.029 **Published:** FEB 15 2018

Accession Number: WOS:000423246700084

PubMed ID: 29172169

ISSN: 0304-3894
eISSN: 1873-3336

Record 13 of 119

Title: Multi-wavelength spectrophotometric determination of hydrogen peroxide in water with peroxidase-catalyzed oxidation of ABTS
Author(s): Cai, HH (Cai, Huahua); Liu, X (Liu, Xin); Zou, J (Zou, Jing); Xiao, JY (Xiao, Junyang); Yuan, BL (Yuan, Baoling); Li, F (Li, Fei); Cheng, QF (Cheng, Qingfeng)
Source: CHEMOSPHERE **Volume:** 193 **Pages:** 833-839 **DOI:** 10.1016/j.chemosphere.2017.11.091 **Published:** FEB 2018
Accession Number: WOS:000423890500097
PubMed ID: 29874756
Author Identifiers:
AuthorWeb of Science ResearcherID ORCID Number
Li, Fei 0000-0003-0047-9616
ISSN: 0045-6535
eISSN: 1879-1298

Record 14 of 119

Title: Effect of calcination temperature of a copper ferrite synthesized by a sol-gel method on its structural characteristics and performance as Fenton catalyst to remove gallic acid from water
Author(s): Lopez-Ramon, MV (Lopez-Ramon, Maria V.); Alvarez, MA (Alvarez, Miguel A.); Moreno-Castilla, C (Moreno-Castilla, Carlos); Fontecha-Camara, MA (Fontecha-Camara, Maria A.); Yebra-Rodriguez, A (Yebra-Rodriguez, Africa); Bailon-Garcia, E (Bailon-Garcia, Esther)
Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 511 **Pages:** 193-202 **DOI:** 10.1016/j.jcis.2017.09.117 **Published:** FEB 1 2018
Accession Number: WOS:000417008200022
PubMed ID: 29024859
Author Identifiers:

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Bailon-Garcia, Esther	J-8869-2016	0000-0001-8418-8714
Fontecha-Camara, Maria A.	L-2970-2014	0000-0003-4520-0316
Yebra-Rodriguez, Africa	K-4662-2013	0000-0002-1452-1136
Moreno-Castilla, Carlos		0000-0002-5048-7983

ISSN: 0021-9797
eISSN: 1095-7103

Record 15 of 119

Title: Fenton-like Degradation of Phenol Catalyzed by a Series of Fe-Containing Mixed Oxides Systems
Author(s): Alhmoud, TT (Alhmoud, T. T.); Mahmoud, SS (Mahmoud, S. S.); Hammoudeh, AY (Hammoudeh, A. Y.)
Book Group Author(s): IOP
Source: 2ND INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS (ICAM-2017) **Book Series:** IOP Conference Series-Materials Science and Engineering **Volume:** 305 **Article Number:** UNSP 012018 **DOI:** 10.1088/1757-899X/305/1/012018 **Published:** 2018
Accession Number: WOS:000446078900018
Conference Title: 2nd International Conference on Advanced Materials (ICAM)
Conference Date: JUL 10-13, 2017
Conference Location: Jordan Univ Sci & Technol, Irbid, JORDAN
Conference Sponsors: Cairo Amman Bank, Biqai Ctr Comprehens Care & Rehabil, Assoc Arb Univ, Helmy Abu Sham Co, Poinciana Sci Syst, Jordanian Chem Soc, Hijaz Elect & Sci Ins, Bab ElReda Chem, Sydoor Trades, JUST Lib, Al Fajer Lib, Al Haik Housing
Conference Host: Jordan Univ Sci & Technol
ISSN: 1757-8981

Record 16 of 119

Title: DYE REMOVAL FROM ARTIFICIAL WASTEWATER USING HETEROGENEOUS BIO-FENTON SYSTEM
Author(s): Shojaat, R (Shojaat, Rahim); Karimi, A (Karimi, Afzal); Saadatjoo, N (Saadatjoo, Naghi); Aber, S (Aber, Soheil)
Source: CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY **Volume:** 23 **Issue:** 4 **Pages:** 447-456 **DOI:** 10.2298/CICEQ160621058S **Published:** OCT-DEC 2017
Accession Number: WOS:000423561400002
ISSN: 1451-9372
eISSN: 2217-7434

Record 17 of 119**Title:** A discoloration study of a series of cationic organic dyes in acidic and alkaline pH using Mn ferrite nanocatalyst**Author(s):** Roonasi, P (Roonasi, Payman)**Source:** DESALINATION AND WATER TREATMENT **Volume:** 89 **Pages:** 217-224 **DOI:** 10.5004/dwt.2017.21381 **Published:** SEP 2017**Accession Number:** WOS:000415823400024**ISSN:** 1944-3994**eISSN:** 1944-3986**Record 18 of 119****Title:** Atrazine degradation through PEI-copper nanoparticles deposited onto montmorillonite and sand**Author(s):** Kalidhasan, S (Kalidhasan, Sethu); Dror, I (Dror, Ishai); Berkowitz, B (Berkowitz, Brian)**Source:** SCIENTIFIC REPORTS **Volume:** 7 **Article Number:** 1415 **DOI:** 10.1038/s41598-017-01429-5 **Published:** MAY 3 2017**Accession Number:** WOS:000400491100016**PubMed ID:** 28469190

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Author	Web of Science ResearcherID	ORCID Number
BERKOWITZ, BRIAN	K-1497-2012	0000-0003-3078-1859
Sethu, Kalidhasan	A-5296-2015	
Sethu, Kalidhasan		0000-0002-5739-1845

ISSN: 2045-2322**Record 19 of 119****Title:** Frequency and temperature effects on dielectric properties of cobalt ferrite**Author(s):** Jabez, S (Jabez, S.); Mahalakshmi, S (Mahalakshmi, S.); Nithiyanantham, S (Nithiyanantham, S.)**Source:** JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS **Volume:** 28 **Issue:** 7 **Pages:** 5504-5511 **DOI:** 10.1007/s10854-016-6212-8 **Published:** APR 2017**Accession Number:** WOS:000397601500049**ISSN:** 0957-4522**eISSN:** 1573-482X**Record 20 of 119****Title:** Synthesis, physicochemical properties and photocatalytic activity of nanosized Mg doped Mn ferrite**Author(s):** Attia, EF (Attia, E. F.); Zaki, AH (Zaki, A. H.); El-Dek, SI (El-Dek, S. I.); Farghali, AA (Farghali, A. A.)**Source:** JOURNAL OF MOLECULAR LIQUIDS **Volume:** 231 **Pages:** 589-596 **DOI:** 10.1016/j.molliq.2017.01.108 **Published:** APR 2017**Accession Number:** WOS:000399507300071

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
zaki, ayman		0000-0003-0026-1721
El-dek, S.I.	P-1809-2015	0000-0003-4564-9455
Farghali, Ahmed		0000-0002-9270-9855

ISSN: 0167-7322**eISSN:** 1873-3166**Record 21 of 119****Title:** Naturally-occurring iron minerals as inexpensive catalysts for CWPO**Author(s):** Munoz, M (Munoz, Macarena); Dominguez, P (Dominguez, Patricia); de Pedro, ZM (de Pedro, Zahara M.); Casas, JA (Casas, Jose A.); Rodriguez, JJ (Rodriguez, Juan J.)**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 203 **Pages:** 166-173 **DOI:** 10.1016/j.apcatb.2016.10.015 **Published:** APR 2017**Accession Number:** WOS:000390965000017

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Munoz, Macarena	I-8465-2016	0000-0001-8971-7814
Rodriguez Jimenez, Juan Jose	H-4257-2014	0000-0002-3497-9929

ISSN: 0926-3373**eISSN:** 1873-3883**Record 22 of 119**

Title: Heterogeneous catalytic degradation of phenol by a Fenton-type reaction using copper ferrites (CuFe₂O₄)
Author(s): Hamdan, N (Hamdan, Najwa); Abu Haija, M (Abu Haija, Mohammad); Banat, F (Banat, Fawzi); Eskhan, A (Eskhan, Asma)
Source: DESALINATION AND WATER TREATMENT **Volume:** 69 **Pages:** 268-283 **DOI:** 10.5004/dwt.2017.0372 **Published:** MAR 2017
Accession Number: WOS:000403570300032
Conference Title: EDS Conference on Desalination for the Environment - Clean Water and Energy
Conference Date: MAY 22-26, 2016
Conference Location: Rome, ITALY
Conference Sponsors: EDS
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Banat, Fawzi		0000-0002-7646-5918

ISSN: 1944-3994
eISSN: 1944-3986

Record 23 of 119

Title: An efficient method for decoloration of polysaccharides from the sprouts of *Toona sinensis* (A. Juss.) Roem by anion exchange macroporous resins
Author(s): Shi, YY (Shi, Yingying); Liu, TT (Liu, Tingting); Han, Y (Han, Yun); Zhu, XF (Zhu, Xiufang); Zhao, XJ (Zhao, Xiaojuan); Ma, XJ (Ma, Xijun); Jiang, DY (Jiang, Dingyun); Zhang, QH (Zhang, Qianghua)
Source: FOOD CHEMISTRY **Volume:** 217 **Pages:** 461-468 **DOI:** 10.1016/j.foodchem.2016.08.079 **Published:** FEB 15 2017
Accession Number: WOS:000384851800059
PubMed ID: 27664659
ISSN: 0308-8146
eISSN: 1873-7072

Record 24 of 119

Title: Performance of different oxidants in the presence of oxisol: Remediation of groundwater contaminated by gasoline/ethanol blend
Author(s): Andrade, LN (Andrade, Luiza N.); Araujo, SF (Araujo, Sandrine F.); Matos, AT (Matos, Antonio T.); Henriques, AB (Henriques, Andreia B.); Oliveira, LC (Oliveira, Luiz C.); Souza, PP (Souza, Patterson P.); Chagas, P (Chagas, Poliane); Leao, MMD (Leao, Monica M. D.); Amorim, CC (Amorim, Camila C.)
Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 308 **Pages:** 428-437 **DOI:** 10.1016/j.cej.2016.09.069 **Published:** JAN 15 2017
Accession Number: WOS:000389088000045
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Leao, Monica	P-1211-2019	0000-0002-8658-8356
Matos, Antonio	J-5517-2014	0000-0003-4791-8399
Amorim, Camila		0000-0001-6132-0866
Notini, Luiza		0000-0003-2972-6588

ISSN: 1385-8947
eISSN: 1873-3212

Record 25 of 119

Title: Remarkable lignin degradation in paper wastewaters over Fe₂O₃/gamma-Al₂O₃ catalysts using the catalytic wet peroxide oxidation method
Author(s): Wu, D (Wu, Di); Hu, Z (Hu, Zhen); Zhang, XQ (Zhang, Xuqi); Zhang, CR (Zhang, Cuiran); Sun, K (Sun, Kai); Lu, SX (Lu, Shuxiang)
Source: RSC ADVANCES **Volume:** 7 **Issue:** 60 **Pages:** 37487-37494 **DOI:** 10.1039/c7ra05696f **Published:** 2017
Accession Number: WOS:000407305200001
ISSN: 2046-2069

Record 26 of 119

Title: Evaluation of the mercaptobenzothiazole degradation by combined adsorption process and Fenton reaction using iron mining residue
Author(s): Martins, ALD (da Silva Martins, Adriana Lau); Teixeira, LAC (Cesar Teixeira, Luis Alberto); da Fonseca, FV (da Fonseca, Fabiana Valeria); Yokoyama, L (Yokoyama, Lidia)
Source: ENVIRONMENTAL TECHNOLOGY **Volume:** 38 **Issue:** 16 **Pages:** 2032-2039 **DOI:** 10.1080/09593330.2016.1244571 **Published:** 2017
Accession Number: WOS:000403677500008

PubMed ID: 27776469

Author Identifiers:

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YOKOYAMA, LIDIA	B-3411-2013	0000-0002-2317-4690
Teixeira, Luiz Alberto C.		0000-0002-0400-029X

ISSN: 0959-3330

eISSN: 1479-487X

Record 27 of 119

Title: Coordination Kinetics of Different Metal Ions with the Amidoximated Polyacrylonitrile Nanofibrous Membranes and Catalytic Behaviors of their Complexes

Author(s): Li, F (Li, Fu); Dong, YC (Dong, Yongchun); Kang, WM (Kang, Weimin); Cheng, BW (Cheng, Bowen); Qu, X (Qu, Xiang); Cui, GX (Cui, Guixin)

Source: BULLETIN OF THE KOREAN CHEMICAL SOCIETY **Volume:** 37 **Issue:** 12 **Pages:** 1934-1941 **DOI:** 10.1002/bkcs.10997 **Published:** DEC 2016

Accession Number: WOS:000390270200008

Author Identifiers:

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Cheng, Bowen		0000-0001-7470-8077
Kang, Weimin		0000-0003-3862-3361

ISSN: 0253-2964

eISSN: 1229-5949

Record 28 of 119

Title: Synthesis and application of green mixed-metal oxide nano-composite materials from solid waste for dye degradation

Author(s): Singh, S (Singh, Seema); Srivastava, VC (Srivastava, Vimal Chandra); Mandal, TK (Mandal, Tapas Kumar); Mall, ID (Mall, Indra Deo); Lo, SL (Lo, Shang Lien)

Source: JOURNAL OF ENVIRONMENTAL MANAGEMENT **Volume:** 181 **Pages:** 146-156 **DOI:** 10.1016/j.jenvman.2016.06.007 **Published:** OCT 1 2016

Accession Number: WOS:000383291700017

PubMed ID: 27341375

Author Identifiers:

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Mandal, Tapas		0000-0003-1069-8302

ISSN: 0301-4797

eISSN: 1095-8630

Record 29 of 119

Title: Magnetic pyrite cinder as an efficient heterogeneous ozonation catalyst and synergetic effect of deposited Ce

Author(s): Wu, DL (Wu, Deli); Liu, Y (Liu, Ying); He, HP (He, Hongping); Zhang, YL (Zhang, Yalei)

Source: CHEMOSPHERE **Volume:** 155 **Pages:** 127-134 **DOI:** 10.1016/j.chemosphere.2016.04.041 **Published:** JUL 2016

Accession Number: WOS:000377736100015

PubMed ID: 27108370

Author Identifiers:

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wu, deli		0000-0002-8565-0779
Liu, Ying		0000-0002-3143-5133

ISSN: 0045-6535

eISSN: 1879-1298

Record 30 of 119

Title: Ferrite as an effective catalyst for HCB removal in soil: Characterization and catalytic performance

Author(s): Chen, J (Chen, Jing); Zhong, DL (Zhong, Delai); Hou, HJ (Hou, Huijie); Li, CP (Li, Chunping); Yang, JK (Yang, Jiakuan); Zhou, HY (Zhou, Haiyan); Hu, L (Hu, Li); Wang, LL (Wang, Linling)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 294 **Pages:** 246-253 **DOI:** 10.1016/j.cej.2016.02.020 **Published:** JUN 15 2016

Accession Number: WOS:000375170200026

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hou, Huijie	L-2709-2013	0000-0001-5879-7575

Record 31 of 119

Title: Catalytic wet peroxide oxidation of a reactive dye by magnetic copper ferrite nanoparticles

Author(s): Tehrani-Bagha, AR (Tehrani-Bagha, A. R.); Gharagozlou, M (Gharagozlou, M.); Emami, F (Emami, F.)

Source: JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING **Volume:** 4 **Issue:** 2 **Pages:** 1530-1536 **DOI:** 10.1016/j.jece.2016.02.014 **Published:** JUN 2016

Accession Number: WOS:000391696100014

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Tehrani, Ali		0000-0002-4050-0961
Gharagozlou, Mehraz	N-5009-2017	0000-0002-0987-9459

ISSN: 2213-3437

Record 32 of 119

Title: Alcoholic wastewater treatment using electro-Fenton technique modified by Fe₂O₃ nanoparticles

Author(s): Davarnejad, R (Davarnejad, Reza); Azizi, J (Azizi, Jamal)

Source: JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING **Volume:** 4 **Issue:** 2 **Pages:** 2342-2349 **DOI:** 10.1016/j.jece.2016.04.009 **Published:** JUN 2016

Accession Number: WOS:000391696100098

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
davarnejad, reza	J-5402-2017	0000-0002-5791-9267

ISSN: 2213-2929

eISSN: 2213-3437

Record 33 of 119

Title: Catalytic activity of the barium hexaferrite with H₂O₂/visible light irradiation for degradation of Methylene Blue

Author(s): Valero-Luna, C (Valero-Luna, C.); Palomares-Sanchez, SA (Palomares-Sanchez, S. A.); Ruiz, F (Ruiz, Facundo)

Source: CATALYSIS TODAY **Volume:** 266 **Pages:** 110-119 **DOI:** 10.1016/j.cattod.2015.08.049 **Published:** MAY 15 2016

Accession Number: WOS:000372321100014

Conference Title: 3rd Latin-American Congress of Photocatalysis, Photochemistry and Photobiology (LACP)

Conference Date: OCT, 2014

Conference Location: San Luis Potosi, MEXICO

Conference Sponsors: Inst Potosino Investigac Cientifica & Tecnologica A C, Adv Mat Dept

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Palomares-Sanchez, Salvador Antonio		0000-0001-7643-7522

ISSN: 0920-5861

eISSN: 1873-4308

Record 34 of 119

Title: A comparative study of a series of ferrite nanoparticles as heterogeneous catalysts for phenol removal at neutral pH

Author(s): Roonasi, P (Roonasi, Payman); Nezhad, AY (Nezhad, Azam Yousef)

Source: MATERIALS CHEMISTRY AND PHYSICS **Volume:** 172 **Pages:** 143-149 **DOI:** 10.1016/j.matchemphys.2016.01.054 **Published:** APR 1 2016

Accession Number: WOS:000371370100020

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Nanozymes, Nanozymes	D-8197-2019	

ISSN: 0254-0584

eISSN: 1879-3312

Record 35 of 119

Title: Recent advances and prospects of catalytic advanced oxidation process in treating textile effluents

Author(s): Buthiyappan, A (Buthiyappan, Archina); Aziz, ARA (Aziz, Abdul Raman Abdul); Daud, WMAW (Daud, Wan Mohd Ashri Wan)

Source: REVIEWS IN CHEMICAL ENGINEERING **Volume:** 32 **Issue:** 1 **Pages:** 1-47 **DOI:** 10.1515/revce-2015-0034 **Published:** FEB 2016

Accession Number: WOS:000370881100001

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engineering, @UM-2016	I-9329-2016	
Engineering, Faculty	I-7935-2015	0000-0002-4848-7052
Buthiyappan, Archina	X-3505-2018	0000-0001-9427-3322
RAMAN, ABDUL AZIZ ABDUL	B-8094-2010	0000-0001-7586-1903
WAN DAUD, WAN MOHD ASHRI	C-1022-2010	
Buthiyappan, Archina	F-2208-2016	0000-0002-3685-6500

ISSN: 0167-8299

eISSN: 2191-0235

Record 36 of 119

Title: Microwave-enhanced catalytic degradation of p-nitrophenol in soil using MgFe₂O₄

Author(s): Zhou, HY (Zhou, Haiyan); Hu, L (Hu, Li); Wan, JZ (Wan, Jinzhong); Yang, R (Yang, Rong); Yu, XX (Yu, Xiaoxuan); Li, HB (Li, Hongbo); Chen, J (Chen, Jing); Wang, LL (Wang, Linling); Lu, XH (Lu, Xiaohua)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 284 **Pages:** 54-60 **DOI:** 10.1016/j.cej.2015.08.103 **Published:** JAN 15 2016

Accession Number: WOS:000365052600007

ISSN: 1385-8947

eISSN: 1873-3212

Record 37 of 119

Title: Sustainable Catalysis by Manganese Compounds: From Heterogeneous Molecular Complexes to Manganese-based (Nano)Materials

Author(s): Freire, C (Freire, Cristina); Pereira, C (Pereira, Clara); Peixoto, AF (Peixoto, Andreia F.); Fernandes, DM (Fernandes, Diana M.)

Edited by: North M

Source: SUSTAINABLE CATALYSIS: WITH NON-ENDANGERED METALS, PT 1 **Book Series:** RSC Green Chemistry Series **Issue:** 38 **Pages:** 278-343 **Published:** 2016

Accession Number: WOS:000387108000012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pereira, Clara	E-4998-2010	0000-0001-9224-1917

ISSN: 1757-7039

ISBN: 978-1-78262-211-6; 978-1-78262-638-1

Record 38 of 119

Title: Oxidation of hazardous compounds by heterogeneous catalysis based on Cu/Al₂O₃ system in Fenton-type reactions

Author(s): Covinich, LG (Covinich, Laura G.); Massa, P (Massa, Paola); Fenoglio, RJ (Fenoglio, Rosa J.); Area, MC (Area, Maria C.)

Source: CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY **Volume:** 46 **Issue:** 23-24 **Pages:** 1745-1781 **DOI:** 10.1080/10643389.2016.1267449 **Published:** 2016

Accession Number: WOS:000395032000001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Area, Maria Cristina	Q-4624-2019	0000-0002-2227-5131

ISSN: 1064-3389

eISSN: 1547-6537

Record 39 of 119

Title: Experimental and theoretical study on the reactivity of maghemite doped with Cu²⁺ in oxidation reactions: structural and thermodynamic properties towards a Fenton catalyst

Author(s): Pires, MD (Pires, Maira dos Santos); Nogueira, FGE (Nogueira, Francisco G. E.); Torres, JA (Torres, Juliana A.); Lacerd, LCT (Lacerd, Livia C. T.); Correa, S (Correa, Silviana); Pereira, MC (Pereira, Marcio C.); Ramalho, TC (Ramalho, Teodorico C.)

Source: RSC ADVANCES **Volume:** 6 **Issue:** 84 **Pages:** 80830-80839 **DOI:** 10.1039/c6ra11032k **Published:** 2016

Accession Number: WOS:000383903500054

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ramalho, Teodorico C.	H-3204-2012	0000-0002-7324-1353
Torres, Juliana	G-9814-2017	
Pires, Maira	K-6142-2017	
Pereira, Marcio	H-7672-2012	0000-0001-9143-782X

ISSN: 2046-2069

Record 40 of 119

Title: Comparison study of phenol degradation using cobalt ferrite nanoparticles synthesized by hydrothermal and microwave methods

Author(s): Rad, LR (Rad, Leila Roshanfekar); Ghazani, BF (Ghazani, Babak Farshi); Irani, M (Irani, Mohammad); Sayyafan, MS (Sayyafan, Mohammad Sadegh); Haririan, I (Haririan, Ismaeil)

Source: DESALINATION AND WATER TREATMENT **Volume:** 56 **Issue:** 12 **Pages:** 3393-3402 **DOI:** 10.1080/19443994.2014.977960 **Published:** DEC 18 2015

Accession Number: WOS:000364327500038

Conference Title: 2nd Membrane and Electromembrane Processes Conference (MELPRO)

Conference Date: MAY 18-21, 2014

Conference Location: Prague, CZECH REPUBLIC

Conference Sponsors: Czech Membrane Platform, Acad Sci Czech Republ, Inst Macromolecular Chem

ISSN: 1944-3994

eISSN: 1944-3986

Record 41 of 119

Title: Degradation of organic pollutants and microorganisms from wastewater using different dielectric barrier discharge configurations-a critical review

Author(s): Mouele, ESM (Mouele, Emile S. Massima); Tijani, JO (Tijani, Jimoh O.); Fatoba, OO (Fatoba, Ojo O.); Petrik, LF (Petrik, Leslie. F.)

Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH **Volume:** 22 **Issue:** 23 **Pages:** 18345-18362 **DOI:** 10.1007/s11356-015-5386-6 **Published:** DEC 2015

Accession Number: WOS:000365816000004

PubMed ID: 26493299

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Fatoba, Ojo Olanrewaju		0000-0003-2192-6702

ISSN: 0944-1344

eISSN: 1614-7499

Record 42 of 119

Title: Preparation of magnetite-based catalysts and their application in heterogeneous Fenton oxidation - A review

Author(s): Munoz, M (Munoz, Macarena); de Pedro, ZM (de Pedro, Zahara M.); Casas, JA (Casas, Jose A.); Rodriguez, JJ (Rodriguez, Juan J.)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 176 **Pages:** 249-265 **DOI:** 10.1016/j.apcatb.2015.04.003 **Published:** OCT 2015

Accession Number: WOS:000356549200026

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
El-Shatoury, Sahar	O-5819-2018	0000-0002-6093-5145
Munoz, Macarena	I-8465-2016	0000-0001-8971-7814
Rodriguez Jimenez, Juan Jose	H-4257-2014	0000-0002-3497-9929
DE PEDRO, ZAHARA	N-8556-2013	0000-0002-5318-7417
Nanozymes, Nanozymes	D-8197-2019	
Casas, Jose Antonio	L-3262-2013	0000-0001-9060-4948

ISSN: 0926-3373

eISSN: 1873-3883

Record 43 of 119

Title: Nanosized magnetite in low cost materials for remediation of water polluted with toxic metals, azo- and anthraquinonic dyes

Author(s): Horst, MF (Horst, Maria Fernanda); Lassalle, V (Lassalle, Veronica); Ferreira, ML (Ferreira, Maria Lujan)

Source: FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING **Volume:** 9 **Issue:** 5 **Special Issue:** SI **Pages:** 746-769 **DOI:** 10.1007/s11783-015-0814-x **Published:** OCT 2015

Accession Number: WOS:000362266500002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Record 44 of 119

Title: Removal of Some Triphenylmethane Dyes from Aqueous Solutions by Fenton Reagent. I
Author(s): Dragoi, M (Dragoi, Madalina); Moanta, A (Moanta, Anca); Tigae, C (Tigae, Cristian); Dragoi, M (Dragoi, Marius)
Source: REVISTA DE CHIMIE **Volume:** 66 **Issue:** 9 **Pages:** 1273-1277 **Published:** SEP 2015
Accession Number: WOS:000363359700004
ISSN: 0034-7752

Record 45 of 119

Title: Electrochemical Monitoring of Decolorization of Diazo Dye Evans Blue by Fenton Process under Anaerobic Conditions: Kinetics and Optimization
Author(s): Arat, C (Arat, Cabir); Bicer, E (Bicer, Ender)
Source: RUSSIAN JOURNAL OF ELECTROCHEMISTRY **Volume:** 51 **Issue:** 8 **Pages:** 730-742 **DOI:** 10.1134/S1023193515080029 **Published:** AUG 2015
Accession Number: WOS:000359409800004
ISSN: 1023-1935
eISSN: 1608-3342

Record 46 of 119

Title: A kinetic comparative study of azo dye decolorization by catalytic wet peroxide oxidation using Fe-Y zeolite/H₂O₂ and photooxidation using UV/H₂O₂
Author(s): Haji, S (Haji, Shaker); Khalaf, M (Khalaf, M.); Shukrallah, M (Shukrallah, Mohammed); Abdullah, J (Abdullah, Jaffar); Ahmed, S (Ahmed, Shakeel)
Source: REACTION KINETICS MECHANISMS AND CATALYSIS **Volume:** 114 **Issue:** 2 **Pages:** 795-815 **DOI:** 10.1007/s11144-014-0810-3 **Published:** APR 2015
Accession Number: WOS:000351177700031
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ahmed, Shakeel B-7057-2008		
Haji, Shaker		0000-0002-6321-4167

ISSN: 1878-5190
eISSN: 1878-5204

Record 47 of 119

Title: Optimization of the combined adsorption/photo-Fenton method for the simultaneous removal of phenol and paracetamol in a binary system
Author(s): Irani, M (Irani, Mohammad); Rad, LR (Rad, Leila Roshanfekr); Pourahmad, H (Pourahmad, Hamed); Haririan, I (Haririan, Ismaeil)
Source: MICROPOROUS AND MESOPOROUS MATERIALS **Volume:** 206 **Pages:** 1-7 **DOI:** 10.1016/j.micromeso.2014.12.009 **Published:** APR 2015
Accession Number: WOS:000350191200001
ISSN: 1387-1811
eISSN: 1873-3093

Record 48 of 119

Title: Bimetallic core/shell nanoparticle-decorated 3D urchin-like hierarchical TiO₂ nanostructures with magneto-responsive and decolorization characteristics
Author(s): Xiang, LQ (Xiang, Liqin); Liu, S (Liu, Shuo); Yin, JB (Yin, Jianbo); Zhao, XP (Zhao, Xiaopeng)
Source: NANOSCALE RESEARCH LETTERS **Volume:** 10 **Article Number:** 84 **DOI:** 10.1186/s11671-015-0813-7 **Published:** FEB 27 2015
Accession Number: WOS:000350692300001
PubMed ID: 25852380
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yin, Jianbo G-2261-2015		

ISSN: 1556-276X

Record 49 of 119

Title: Comparison of adsorption and photo-Fenton processes for phenol and paracetamol removing from aqueous solutions: Single and binary systems

Author(s): Rad, LR (Rad, Leila Roshanfekar); Haririan, I (Haririan, Ismaeil); Divsar, F (Divsar, Faten)

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY **Volume:** 136 **Pages:** 423-428 **DOI:** 10.1016/j.saa.2014.09.052 **Part:** B **Published:** FEB 5 2015

Accession Number: WOS:000347585300035

PubMed ID: 25448945

ISSN: 1386-1425

Record 50 of 119

Title: Simultaneous degradation of phenol and paracetamol during photo-Fenton process: Design and optimization

Author(s): Rad, LR (Rad, Leila Roshanfekar); Irani, M (Irani, Mohammad); Divsar, F (Divsar, Faten); Pourahmad, H (Pourahmad, Hamed); Sayyafan, MS (Sayyafan, Mohammad Sadegh); Haririan, I (Haririan, Ismaeil)

Source: JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS **Volume:** 47 **Pages:** 190-196 **DOI:** 10.1016/j.jtice.2014.10.014 **Published:** FEB 2015

Accession Number: WOS:000351321000021

ISSN: 1876-1070

eISSN: 1876-1089

Record 51 of 119

Title: Electrochemical decolorization of the Reactive Orange 16 dye using a dimensionally stable Ti/PtOx anode

Author(s): Mijin, DZ (Mijin, Dusan Z.); Tomic, VD (Tomic, Vuk D.); Grgur, BN (Grgur, Branimir N.)

Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY **Volume:** 80 **Issue:** 7 **Pages:** 903-915 **DOI:** 10.2298/JSC140917107M **Published:** 2015

Accession Number: WOS:000359326100006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Grgur, Branimir N.	J-4505-2012	0000-0003-4684-9053
Mijin, Dusan		0000-0001-5691-2971

ISSN: 0352-5139

Record 52 of 119

Title: Iron-copper bimetallic nanoparticles supported on hollow mesoporous silica spheres: an effective heterogeneous Fenton catalyst for orange II degradation

Author(s): Wang, J (Wang, Jing); Liu, C (Liu, Chao); Tong, L (Tong, Lu); Li, JS (Li, Jiansheng); Luo, R (Luo, Rui); Qi, JW (Qi, Junwen); Li, Y (Li, Yang); Wang, LJ (Wang, Lianjun)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 85 **Pages:** 69593-69605 **DOI:** 10.1039/c5ra10826h **Published:** 2015

Accession Number: WOS:000360069900065

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Liu, Chao	H-1712-2019	0000-0003-0316-4994
南京理工大学, 环境与生物工程学院	N-7361-2016	
Li, Jiansheng	E-8992-2011	0000-0002-3708-3677

ISSN: 2046-2069

Record 53 of 119

Title: Role of copper pyrovanadate as heterogeneous photo-Fenton like catalyst for the degradation of neutral red and azure-B: An eco-friendly approach

Author(s): Kalal, S (Kalal, Sangeeta); Chauhan, NPS (Chauhan, Narendra Pal Singh); Ameta, N (Ameta, Noopur); Ameta, R (Ameta, Rakshit); Kumar, S (Kumar, Sudhish); Punjabi, PB (Punjabi, Pinki Bala)

Source: KOREAN JOURNAL OF CHEMICAL ENGINEERING **Volume:** 31 **Issue:** 12 **Pages:** 2183-2191 **DOI:** 10.1007/s11814-014-0142-z **Published:** DEC 2014

Accession Number: WOS:000345588400011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chauhan, Narendra P S	P-6971-2019	0000-0003-3241-7460
Kumar, Sudhish		0000-0003-2383-4713

ISSN: 0256-1115

eISSN: 1975-7220

Record 54 of 119

Title: A novel reuse method for waste printed circuit boards as catalyst for Wastewater bearing pyridine degradation

Author(s): Li, N (Li, Nan); Lu, XB (Lu, Xuebin); Zhang, ST (Zhang, Shuting)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 257 **Pages:** 253-261 **DOI:** 10.1016/j.cej.2014.07.043 **Published:** DEC 1 2014

Accession Number: WOS:000342543000029

ISSN: 1385-8947

eISSN: 1873-3212

Record 55 of 119

Title: Water remediation by UV-vis/H₂O₂ process, photo-Fenton-like oxidation, and zeolite ZSM5

Author(s): Mendez-Arriaga, F (Mendez-Arriaga, Fabiola); Almanza, R (Almanza, Rafael)

Source: DESALINATION AND WATER TREATMENT **Volume:** 52 **Issue:** 31-33 **Pages:** 5822-5832 **DOI:** 10.1080/19443994.2013.822172 **Published:** SEP 19 2014

Accession Number: WOS:000344386000013

ISSN: 1944-3994

eISSN: 1944-3986

Record 56 of 119

Title: Treatment of hypersaline industrial wastewater from salicylaldehyde production by heterogeneous catalytic wet peroxide oxidation on commercial activated carbon

Author(s): Zhang, SY (Zhang, Siyong); Han, YZ (Han, Yongzhong); Wang, L (Wang, Lei); Chen, YL (Chen, Yanling); Zhang, PY (Zhang, Pengyuan)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 252 **Pages:** 141-149 **DOI:** 10.1016/j.cej.2014.04.084 **Published:** SEP 15 2014

Accession Number: WOS:000339601000017

ISSN: 1385-8947

eISSN: 1873-3212

Record 57 of 119

Title: Fe@Fe₂O₃ core-shell nanowires enhanced Fenton oxidation by accelerating the Fe(III)/Fe(II) cycles

Author(s): Shi, JG (Shi, Jingu); Ai, ZH (Ai, Zhihui); Zhang, LZ (Zhang, Lizhi)

Source: WATER RESEARCH **Volume:** 59 **Pages:** 145-153 **DOI:** 10.1016/j.watres.2014.04.015 **Published:** AUG 1 2014

Accession Number: WOS:000337861400014

PubMed ID: 24793112

ISSN: 0043-1354

Record 58 of 119

Title: Use of Fe(II)/Fe(III)-LDHs prepared by co-precipitation method in a heterogeneous-Fenton process for degradation of Methylene Blue

Author(s): Wang, Q (Wang, Qian); Tian, SL (Tian, Senlin); Long, J (Long, Jian); Ning, P (Ning, Ping)

Source: CATALYSIS TODAY **Volume:** 224 **Pages:** 41-48 **DOI:** 10.1016/j.cattod.2013.11.031 **Published:** APR 1 2014

Accession Number: WOS:000331724200007

Conference Title: 4th International Symposium on Environmental Science and Technology (ISEST)

Conference Date: JUN 04-07, 2013

Conference Location: Dalian, PEOPLES R CHINA

Conference Sponsors: Chinese Soc Environm Sci, Beijing Inst Technol, Dalian Univ Technol, Dalian Assoc Sci & Technol, ENVR Div Amer Chem Soc, Dalian Soc Environm Sci, Profess Comm Pollut Prevent & Control Heavy Metals CSES, Dalian Univ Technol, Key Lab Ind Ecol & Environm Engn, Dalian Univ Technol, Sch Environm Sci & Technol, Beijing Inst Technol, State Key Lab Explos Sci & Technol

ISSN: 0920-5861

eISSN: 1873-4308

Record 59 of 119

Title: LaFeO₃ and BiFeO₃ perovskites as nanocatalysts for contaminant degradation in heterogeneous Fenton-like reactions

Author(s): Rusevova, K (Rusevova, Klara); Koferstein, R (Koferstein, Roberto); Rosell, M (Rosell, Monica); Richnow, HH (Richnow, Hans H.); Kopinke, FD (Kopinke, Frank-Dieter); Georgi, A (Georgi, Anett)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 239 **Pages:** 322-331 **DOI:** 10.1016/j.cej.2013.11.025 **Published:** MAR 1 2014

Accession Number: WOS:000330485700037

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Koferstein, Roberto	F-8112-2010	0000-0001-5168-1182
Richnow, Hans	H-8523-2017	0000-0002-6144-4129
Rosell, Monica	K-3651-2014	0000-0003-1563-8595
Kopinke, Frank-Dieter	H-7381-2017	0000-0001-7703-3466

ISSN: 1385-8947

eISSN: 1873-3212

Record 60 of 119

Title: Review on the application of modified iron oxides as heterogeneous catalysts in Fenton reactions

Author(s): Pouran, SR (Pouran, Shima Rahim); Raman, AAA (Raman, Abdul Aziz Abdul); Daud, WMAW (Daud, Wan Mohd Ashri Wan)

Source: JOURNAL OF CLEANER PRODUCTION **Volume:** 64 **Pages:** 24-35 **DOI:** 10.1016/j.jclepro.2013.09.013 **Published:** FEB 1 2014

Accession Number: WOS:000329595700002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pouran, Shima Rahim	C-2994-2015	0000-0002-1891-5204
WAN DAUD, WAN MOHD ASHRI	C-1022-2010	
RAMAN, ABDUL AZIZ ABDUL	B-8094-2010	0000-0001-7586-1903

ISSN: 0959-6526

eISSN: 1879-1786

Record 61 of 119

Title: Assessment of the Fe³⁺-EDTA Complex in UV-Fenton-like processes: the Degradation of methylene blue

Author(s): Wei, CS (Wei, Chaoshuai); Huang, WY (Huang, Wenyu); Zhang, RJ (Zhang, Ruijie); Wang, YH (Wang, Yinghui); Luo, LM (Luo, Limin); Mo, H (Mo, Hua); Xiao, LH (Xiao, Longhuan)

Edited by: Zhang L

Source: ENVIRONMENTAL TECHNOLOGY AND RESOURCE UTILIZATION II **Book Series:** Applied Mechanics and Materials **Volume:** 675-677 **Pages:** 395-400 **DOI:** 10.4028/www.scientific.net/AMM.675-677.395 **Published:** 2014

Accession Number: WOS:000349279000082

Conference Title: 2nd International Conference on Renewable Energy and Environmental Technology (REET)

Conference Date: AUG 19-20, 2014

Conference Location: Dalian, PEOPLES R CHINA

ISSN: 1660-9336

ISBN: 978-3-03835-287-7

Record 62 of 119

Title: Fenton-like Degradation of Reactive Dyes Catalyzed by Biogenic Jarosite

Author(s): Wang, ZH (Wang, Zhaohui); Xiao, DX (Xiao, Dongxue); Liu, RL (Liu, Renlan); Guo, YG (Guo, Yaoguang); Lou, XY (Lou, Xiaoyi); Liu, JS (Liu, Jianshe)

Source: JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES **Volume:** 17 **Issue:** 1 **Pages:** 104-108 **Published:** JAN 2014

Accession Number: WOS:000337459300014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Zhaohui	G-2077-2010	0000-0002-3497-4124

ISSN: 1203-8407

Record 63 of 119

Title: Persulfate activation by iron oxide-immobilized MnO₂ composite: Identification of iron oxide and the optimum pH for degradations

Author(s): Jo, YH (Jo, Young-Hoon); Do, SH (Do, Si-Hyun); Kong, SH (Kong, Sung-Ho)

Source: CHEMOSPHERE **Volume:** 95 **Pages:** 550-555 **DOI:** 10.1016/j.chemosphere.2013.10.010 **Published:** JAN 2014

Accession Number: WOS:000328868400075

PubMed ID: 24184048

ISSN: 0045-6535

eISSN: 1879-1298

Record 64 of 119

Title: Visible light photoelectrochemical properties of beta-Bi₂O₃ nanoporous films: A study of the dependence on thermal treatment and film thickness

Author(s): Yang, X (Yang, Xin); Lian, XJ (Lian, Xiaojuan); Liu, SJ (Liu, Shangjun); Jiang, CP (Jiang, Chunping); Tian, J (Tian, Jing); Wang, G (Wang, Gang); Chen, JW (Chen, Jinwei); Wang, RL (Wang, Ruilin)

Source: APPLIED SURFACE SCIENCE **Volume:** 282 **Pages:** 538-543 **DOI:** 10.1016/j.apsusc.2013.06.007 **Published:** OCT 1 2013
Accession Number: WOS:000322314800080

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
Chen, Jinwei R-1173-2016

ISSN: 0169-4332

eISSN: 1873-5584

Record 65 of 119

Title: Efficient degradation of atrazine by magnetic porous copper ferrite catalyzed peroxymonosulfate oxidation via the formation of hydroxyl and sulfate radicals

Author(s): Guan, YH (Guan, Ying-Hong); Ma, J (Ma, Jun); Ren, YM (Ren, Yue-Ming); Liu, YL (Liu, Yu-Lei); Xiao, JY (Xiao, Jia-Yue); Lin, LQ (Lin, Ling-qiang); Zhang, C (Zhang, Chen)

Source: WATER RESEARCH **Volume:** 47 **Issue:** 14 **Pages:** 5431-5438 **DOI:** 10.1016/j.watres.2013.06.023 **Published:** SEP 15 2013

Accession Number: WOS:000324566400058

PubMed ID: 23916710

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
yan, linxia K-7044-2017

ma, jun F-2506-2013

军, 马 L-9040-2013

Ma, Jun A-7253-2011

ISSN: 0043-1354

Record 66 of 119

Title: The oxidation study of methyl orange dye by hydrogen peroxide using Dawson-type heteropolyanions as catalysts

Author(s): Bechiri, O (Bechiri, Ouahiba); Abbessi, M (Abbessi, Mostefa); Ouahab, L (Ouahab, Lahcen)

Source: RESEARCH ON CHEMICAL INTERMEDIATES **Volume:** 39 **Issue:** 7 **Pages:** 2945-2954 **DOI:** 10.1007/s11164-012-0807-3 **Published:** SEP 2013

Accession Number: WOS:000323507300004

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
Cador, Olivier 0000-0003-2064-6223

ISSN: 0922-6168

Record 67 of 119

Title: Iron Compound-Based Heterogeneous Fenton Catalytic Oxidation Technology

Author(s): Wang, YB (Wang Yanbin); Zhao, HY (Zhao Hongying); Zhao, GH (Zhao Guohua); Wang, YJ (Wang Yujing); Yang, XC (Yang Xiuchun)

Source: PROGRESS IN CHEMISTRY **Volume:** 25 **Issue:** 8 **Pages:** 1246-1259 **Published:** AUG 24 2013

Accession Number: WOS:000330089700002

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
Wang, Yanbin I-1927-2014 0000-0003-1949-6918

Nanozymes, Nanozymes D-8197-2019

ISSN: 1005-281X

Record 68 of 119

Title: The abatement of major pollutants in air and water by environmental catalysis

Author(s): Li, JH (Li, Junhua); He, H (He, Hong); Hu, C (Hu, Chun); Zhao, JC (Zhao, Jincai)

Source: FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING **Volume:** 7 **Issue:** 3 **Pages:** 302-325 **DOI:** 10.1007/s11783-013-0511-6 **Published:** JUN 2013

Accession Number: WOS:000319612800002

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
He, Hong S-2854-2019 0000-0001-8476-8217

ISSN: 2095-2201

eISSN: 2095-221X

Record 69 of 119

Title: Advanced Treatment of Industrial Wastewater by Heterogeneous Fenton Reaction Using a Novel Composite Catalyst

Author(s): Chen, WN (Chen, Weinan); Li, RY (Li, Ruying); Wang, C (Wang, Can); Ji, M (Ji, Mn); Fu, LW (Fu, Liwei); Satoshi, N (Satoshi, Nanba)

Source: ASIAN JOURNAL OF CHEMISTRY **Volume:** 25 **Issue:** 6 **Pages:** 3313-3317 **DOI:** 10.14233/ajchem.2013.13645 **Published:** JUN 2013

Accession Number: WOS:000317245900084

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Can	C-7205-2009	0000-0003-3575-5975

ISSN: 0970-7077

Record 70 of 119

Title: The Use of Hydrophilic Poly(N,N-dimethylacrylamide) for Promoting Engulfment of Magnetic gamma-Fe₂O₃ Nanoparticles by Mammalian Cells

Author(s): Zasonska, BA (Zasonska, Beata Anna); Boiko, N (Boiko, Nataliya); Horak, D (Horak, Daniel); Klyuchivska, O (Klyuchivska, Olga); Mackova, H (Mackova, Hana); Benes, MJ (Benes, Milan J.); Babic, M (Babic, Michal); Trchova, M (Trchova, Miroslava); Hromadkova, J (Hromadkova, Jirina); Stoika, R (Stoika, Rostyslav)

Source: JOURNAL OF BIOMEDICAL NANOTECHNOLOGY **Volume:** 9 **Issue:** 3 **Pages:** 479-491 **DOI:** 10.1166/jbn.2013.1552 **Published:** MAR 2013

Accession Number: WOS:000316040500019

PubMed ID: 23621005

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Hromadkova, Jirina	D-1165-2016	
Babic, Michal	H-4353-2014	

ISSN: 1550-7033

Record 71 of 119

Title: Water Depollution Using Ferrites Photocatalysts

Author(s): Sharma, VK (Sharma, Virender K.); He, C (He, Chun); Doong, RA (Doong, Ruey-an); Dionysiou, DD (Dionysiou, Dionysios D.)

Edited by: Lichtfouse E; Schwarzbauer J; Robert D

Source: GREEN MATERIALS FOR ENERGY, PRODUCTS AND DEPOLLUTION **Book Series:** Environmental Chemistry for a Sustainable World **Volume:** 3 **Pages:** 135-150 **DOI:** 10.1007/978-94-007-6836-9_4 **Published:** 2013

Accession Number: WOS:000329972800005

ISSN: 2213-7114

eISSN: 2213-7122

ISBN: 978-94-007-6835-2

Book DOI: 10.1007/978-94-007-6836-9

Record 72 of 119

Title: Activated carbons as green and effective catalysts for generation of reactive radicals in degradation of aqueous phenol

Author(s): Saputra, E (Saputra, Edy); Muhammad, S (Muhammad, Syaifullah); Sun, HQ (Sun, Hongqi); Wang, SB (Wang, Shaobin)

Source: RSC ADVANCES **Volume:** 3 **Issue:** 44 **Pages:** 21905-21910 **DOI:** 10.1039/c3ra42455c **Published:** 2013

Accession Number: WOS:000326056600111

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Sun, Hongqi	B-3128-2014	0000-0003-0907-5626
Wang, Shaobin	C-5507-2008	0000-0002-1751-9162

ISSN: 2046-2069

Record 73 of 119

Title: Nano-sized magnetic iron oxides as catalysts for heterogeneous Fenton-like reactions-Influence of Fe(II)/Fe(III) ratio on catalytic performance

Author(s): Rusevova, K (Rusevova, Klara); Kopinke, FD (Kopinke, Frank-Dieter); Georgi, A (Georgi, Anett)

Source: JOURNAL OF HAZARDOUS MATERIALS **Volume:** 241 **Pages:** 433-440 **DOI:** 10.1016/j.jhazmat.2012.09.068 **Published:**

NOV 30 2012

Accession Number: WOS:000313088300048

PubMed ID: 23098995

Author Identifiers:

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Kopinke, Frank-Dieter	H-7381-2017	0000-0001-7703-3466

ISSN: 0304-3894

eISSN: 1873-3336

Record 74 of 119

Title: Iron oxide catalysts: Fenton and Fenton-like reactions - a review

Author(s): Pereira, MC (Pereira, M. C.); Oliveira, LCA (Oliveira, L. C. A.); Murad, E (Murad, E.)

Source: CLAY MINERALS **Volume:** 47 **Issue:** 3 **Pages:** 285-302 **DOI:** 10.1180/claymin.2012.047.3.01 **Published:** SEP 2012

Accession Number: WOS:000309023800001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pereira, Marcio	H-7672-2012	0000-0001-9143-782X
Oliveira, Luiz Carlos Alves	E-8376-2017	0000-0003-4595-2753

ISSN: 0009-8558

eISSN: 1471-8030

Record 75 of 119

Title: Nanostructured ferrites: Structural analysis and catalytic activity

Author(s): Albuquerque, AS (Albuquerque, Adriana S.); Tolentino, MVC (Tolentino, Marcus V. C.); Ardisson, JD (Ardisson, Jose D.); Moura, FCC (Moura, Flavia C. C.); de Mendonca, R (de Mendonca, Renato); Macedo, WAA (Macedo, Waldemar A. A.)

Source: CERAMICS INTERNATIONAL **Volume:** 38 **Issue:** 3 **Pages:** 2225-2231 **DOI:** 10.1016/j.ceramint.2011.10.071 **Published:** APR 2012

Accession Number: WOS:000301611700066

Author Identifiers:

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Dom, Rekha	B-7113-2012	
Macedo, Waldemar	C-4950-2013	0000-0001-5451-9965

ISSN: 0272-8842

Record 76 of 119

Title: Synthesis and photocatalytic activity of ferrites under visible light: A review

Author(s): Casbeer, E (Casbeer, Erik); Sharma, VK (Sharma, Virender K.); Li, XZ (Li, Xiang-Zhong)

Source: SEPARATION AND PURIFICATION TECHNOLOGY **Volume:** 87 **Pages:** 1-14 **DOI:** 10.1016/j.seppur.2011.11.034 **Published:** MAR 5 2012

Accession Number: WOS:000302204300001

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Author	Web of Science ResearcherID	ORCID Number
Li, Xiang-zhong	B-1576-2009	
Sharma, Virender	N-9306-2016	0000-0002-5980-8675

ISSN: 1383-5866

eISSN: 1873-3794

Record 77 of 119

Title: Fe-Ni Nanostructures and C/Fe-Ni Composites as Adsorbents for the Removal of a Textile Dye from Aqueous Solution

Author(s): Trujillo-Reyes, J (Trujillo-Reyes, Jesica); Solache-Rios, M (Solache-Rios, Marcos); Vilchis-Nestor, AR (Vilchis-Nestor, Alfredo R.); Sanchez-Mendieta, V (Sanchez-Mendieta, Victor); Colin-Cruz, A (Colin-Cruz, Arturo)

Source: WATER AIR AND SOIL POLLUTION **Volume:** 223 **Issue:** 3 **Pages:** 1331-1341 **DOI:** 10.1007/s11270-011-0948-9 **Published:** MAR 2012

Accession Number: WOS:000303385500033

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ALFREDO RAFAEL, VILCHIS-NESTOR	B-6776-2016	0000-0001-8490-0900

ISSN: 0049-6979

Record 78 of 119

Title: The contribution of vanadium and titanium on improving methylene blue decolorization through heterogeneous UV-Fenton reaction catalyzed by their co-doped magnetite

Author(s): Liang, XL (Liang, Xiaoliang); Zhong, YH (Zhong, Yuanhong); Zhu, SY (Zhu, Sanyuan); Ma, LY (Ma, Lingya); Yuan, P (Yuan, Peng); Zhu, JX (Zhu, Jianxi); He, HP (He, Hongping); Jiang, Z (Jiang, Zheng)

Source: JOURNAL OF HAZARDOUS MATERIALS **Volume:** 199 **Pages:** 247-254 **DOI:** 10.1016/j.jhazmat.2011.11.007 **Published:** JAN 15 2012

Accession Number: WOS:000299977000033

PubMed ID: 22119302

Author Identifiers:

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Liang, Xiaoliang	A-7692-2013	
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Zhu, Sanyuan	B-9103-2014	0000-0002-3995-3402

ISSN: 0304-3894

eISSN: 1873-3336

Record 79 of 119

Title: Mechanisms of radical generation in the removal of phenol derivatives and pigments using different Fe-based catalytic systems

Author(s): Magario, I (Magario, I.); Einschlag, FSG (Garcia Einschlag, F. S.); Rueda, EH (Rueda, E. H.); Zygadlo, J (Zygadlo, J.); Ferreira, ML (Ferreira, M. L.)

Source: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL **Volume:** 352 **Pages:** 1-20 **DOI:** 10.1016/j.molcata.2011.10.006 **Published:** JAN 2012

Accession Number: WOS:000300035700001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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ISSN: 1381-1169

Record 80 of 119

Title: Fabrication of magnetic mesoporous manganese ferrite nanocomposites as efficient catalyst for degradation of dye pollutants

Author(s): Sahoo, B (Sahoo, Banalata); Sahu, SK (Sahu, Sumanta Kumar); Nayak, S (Nayak, Suryakanta); Dhara, D (Dhara, Dibakar); Pramanik, P (Pramanik, Panchanan)

Source: CATALYSIS SCIENCE & TECHNOLOGY **Volume:** 2 **Issue:** 7 **Pages:** 1367-1374 **DOI:** 10.1039/c2cy20026k **Published:** 2012

Accession Number: WOS:000305143000011

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Nayak, Suryakanta	A-9016-2019	0000-0001-5189-5519

ISSN: 2044-4753

eISSN: 2044-4761

Record 81 of 119

Title: Fe-clay as effective heterogeneous Fenton catalyst for the decolorization of Reactive Blue 4

Author(s): Hassan, H (Hassan, H.); Hameed, BH (Hameed, B. H.)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 171 **Issue:** 3 **Pages:** 912-918 **DOI:** 10.1016/j.cej.2011.04.040 **Published:** JUL 15 2011

Accession Number: WOS:000293664600018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hameed, B. H.	C-1270-2009	0000-0001-5171-6189

ISSN: 1385-8947

Record 82 of 119

Title: Recent research progress on the preparation and application of magnetic nanospheres

Author(s): Tai, YL (Tai, Yulei); Wang, L (Wang, Li); Fan, GQ (Fan, Guangqing); Gao, JM (Gao, Jin-min); Yu, HJ (Yu, Haojie); Zhang, L (Zhang, Lei)

Source: POLYMER INTERNATIONAL **Volume:** 60 **Issue:** 7 **Pages:** 976-994 **DOI:** 10.1002/pi.3078 **Published:** JUL 2011

Accession Number: WOS:000292943400002

Author Identifiers:

Author Web of Science ResearcherIDORCID Number

Zhang, Lei V-9041-2018

ISSN: 0959-8103

eISSN: 1097-0126

Record 83 of 119

Title: Fast degradation of methylene blue with electrospun hierarchical alpha-Fe₂O₃ nanostructured fibers

Author(s): Liu, Y (Liu, Yu); Yu, HB (Yu, Hongbing); Zhan, SH (Zhan, Sihui); Li, Y (Li, Yi); Lv, ZN (Lv, Zhenning); Yang, XQ (Yang, Xiaoqing); Yu, YJ (Yu, Yunjiang)

Source: JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY **Volume:** 58 **Issue:** 3 **Pages:** 716-723 **DOI:** 10.1007/s10971-011-2451-6 **Published:** JUN 2011

Accession Number: WOS:000290685500019

ISSN: 0928-0707

Record 84 of 119

Title: Indications of the reactive species in a heterogeneous Fenton-like reaction using Fe-containing zeolites

Author(s): Gonzalez-Olmos, R (Gonzalez-Olmos, R.); Holzer, F (Holzer, F.); Kopinke, FD (Kopinke, F. -D.); Georgi, A (Georgi, A.)

Source: APPLIED CATALYSIS A-GENERAL **Volume:** 398 **Issue:** 1-2 **Pages:** 44-53 **DOI:** 10.1016/j.apcata.2011.03.005 **Published:** MAY 15 2011

Accession Number: WOS:000291118000005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Holzer, Frank		0000-0003-1302-8670
Gonzalez Olmos, Rafael		0000-0003-2646-9141

ISSN: 0926-860X

Record 85 of 119

Title: Efficient degradation of methylene blue dye by catalytic oxidation using the Na₈Nb₆O₁₉ center dot 13H₂O/H₂O₂ system

Author(s): Liu, CT (Liu, Chengtang); Xu, H (Xu, Hui); Li, HM (Li, Huaming); Liu, L (Liu, Ling); Xu, L (Xu, Li); Ye, ZX (Ye, Zhixiang)

Source: KOREAN JOURNAL OF CHEMICAL ENGINEERING **Volume:** 28 **Issue:** 4 **Pages:** 1126-1132 **DOI:** 10.1007/s11814-010-0471-5 **Published:** APR 2011

Accession Number: WOS:000289217000022

ISSN: 0256-1115

Record 86 of 119

Title: Bacillus pumilus laccase: a heat stable enzyme with a wide substrate spectrum

Author(s): Reiss, R (Reiss, Renate); Ihssen, J (Ihssen, Julian); Thony-Meyer, L (Thoeny-Meyer, Linda)

Source: BMC BIOTECHNOLOGY **Volume:** 11 **Article Number:** 9 **DOI:** 10.1186/1472-6750-11-9 **Published:** JAN 25 2011

Accession Number: WOS:000287475500001

PubMed ID: 21266052

ISSN: 1472-6750

Record 87 of 119

Title: Biosynthesis of Iron and Silver Nanoparticles at Room Temperature Using Aqueous Sorghum Bran Extracts

Author(s): Njagi, EC (Njagi, Eric C.); Huang, H (Huang, Hui); Stafford, L (Stafford, Lisa); Genuino, H (Genuino, Homer); Galindo, HM (Galindo, Hugo M.); Collins, JB (Collins, John B.); Hoag, GE (Hoag, George E.); Suib, SL (Suib, Steven L.)

Source: LANGMUIR **Volume:** 27 **Issue:** 1 **Pages:** 264-271 **DOI:** 10.1021/la103190n **Published:** JAN 4 2011

Accession Number: WOS:000285560400035

PubMed ID: 21133391

ISSN: 0743-7463

Record 88 of 119

Title: Electrochemical Degradation of the Dye Reactive Orange 16 using Electrochemical Flow-Cell

Author(s): Gomes, L (Gomes, Luciano); Miwa, DW (Miwa, Douglas W.); Malpass, GRP (Malpass, Geoffroy R. P.); Motheo, AJ (Motheo, Artur J.)

Source: JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY **Volume:** 22 **Issue:** 7 **Pages:** 1299-1306 **DOI:** 10.1590/S0103-

50532011000700015 **Published:** 2011

Accession Number: WOS:000293388500015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
de Jesus Motheo, Artur	B-3192-2012	0000-0001-5819-9516
Malpass, Geoffroy	O-6176-2017	0000-0002-0036-5750

ISSN: 0103-5053

eISSN: 1678-4790

Record 89 of 119

Title: Enhanced catalytic degradation of AO7 in the CeO₂-H₂O₂ system with Fe³⁺ doping

Author(s): Cai, WD (Cai, Wandong); Chen, F (Chen, Feng); Shen, XX (Shen, Xingxing); Chen, LJ (Chen, Lijing); Zhang, JL (Zhang, Jinlong)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 101 **Issue:** 1-2 **Pages:** 160-168 **DOI:** 10.1016/j.apcatb.2010.09.031 **Published:** NOV 22 2010

Accession Number: WOS:000284976800020

ISSN: 0926-3373

Record 90 of 119

Title: The decolorization of Acid Orange II in non-homogeneous Fenton reaction catalyzed by natural vanadium-titanium magnetite

Author(s): Liang, XL (Liang, Xiaoliang); Zhong, YH (Zhong, Yuanhong); Zhu, SY (Zhu, Sanyuan); Zhu, JX (Zhu, Jianxi); Yuan, P (Yuan, Peng); He, HP (He, Hongping); Zhang, J (Zhang, Jing)

Source: JOURNAL OF HAZARDOUS MATERIALS **Volume:** 181 **Issue:** 1-3 **Pages:** 112-120 **DOI:** 10.1016/j.jhazmat.2010.04.101 **Published:** SEP 15 2010

Accession Number: WOS:000280601300014

PubMed ID: 20554111

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Liang, Xiaoliang	A-7692-2013	
Zhu, Sanyuan	B-9103-2014	0000-0002-3995-3402
JIANXI, ZHU	B-5392-2009	

ISSN: 0304-3894

eISSN: 1873-3336

Record 91 of 119

Title: Decolorization of Reactive Orange 16 Dye by Copper Oxide System

Author(s): Abdullah, AH (Abdullah, Abdul Halim); Wong, WY (Wong, Wan-Yuan); Yaziz, MI (Yaziz, Mohd Ismail)

Source: SAINS MALAYSIANA **Volume:** 39 **Issue:** 4 **Pages:** 587-591 **Published:** AUG 2010

Accession Number: WOS:000280296400010

ISSN: 0126-6039

Record 92 of 119

Title: Heterogeneous catalytic wet peroxide oxidation of paraquat in the presence of modified activated carbon

Author(s): Dhaouadi, A (Dhaouadi, Anissa); Adhoum, N (Adhoum, Nafaa)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 97 **Issue:** 1-2 **Pages:** 227-235 **DOI:** 10.1016/j.apcatb.2010.04.006 **Published:** JUN 9 2010

Accession Number: WOS:000279124000028

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Adhoum, Nafaa		0000-0002-5413-8254

ISSN: 0926-3373

eISSN: 1873-3883

Record 93 of 119

Title: Synthesis and Characterization of Uniform Fine Particles of Iron(III) Hydroxide/Oxide

Author(s): ul Haq, I (ul Haq, Ikram); Haider, F (Haider, Farzana)

Source: JOURNAL OF THE CHINESE CHEMICAL SOCIETY **Volume:** 57 **Issue:** 2 **Pages:** 174-179 **Published:** APR 2010

Accession Number: WOS:000278703700008

Record 94 of 119

Title: Removal of Indigo Blue in Aqueous Solution Using Fe/Cu Nanoparticles and C/Fe-Cu Nanoalloy Composites

Author(s): Trujillo-Reyes, J (Trujillo-Reyes, Jessica); Sanchez-Mendieta, V (Sanchez-Mendieta, Victor); Colin-Cruz, A (Colin-Cruz, Arturo); Morales-Luckie, RA (Morales-Luckie, Raul A.)

Source: WATER AIR AND SOIL POLLUTION **Volume:** 207 **Issue:** 1-4 **Pages:** 307-317 **DOI:** 10.1007/s11270-009-0138-1 **Published:** MAR 2010

Accession Number: WOS:000274550700026

Author Identifiers:

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SANCHEZ, VICTOR	K-4116-2012	0000-0002-7680-0034
Colin-Cruz, Arturo	D-2238-2016	0000-0001-7612-8391

ISSN: 0049-6979

Record 95 of 119

Title: Clays and oxide minerals as catalysts and nanocatalysts in Fenton-like reactions - A review

Author(s): Garrido-Ramirez, EG (Garrido-Ramirez, E. G.); Theng, BKG (Theng, B. K. G.); Mora, ML (Mora, M. L.)

Source: APPLIED CLAY SCIENCE **Volume:** 47 **Issue:** 3-4 **Pages:** 182-192 **DOI:** 10.1016/j.clay.2009.11.044 **Published:** FEB 2010

Accession Number: WOS:000275134200002

ISSN: 0169-1317

eISSN: 1872-9053

Record 96 of 119

Title: Degradation of Polyacrylamide by Using A Novel Heterogeneous Catalyst in Fenton-like System

Author(s): Lu, SX (Lu Shuxiang); Hu, Y (Hu Yang); Qiu, YL (Qiu Yuanlai)

Book Group Author(s): IEEE

Source: 2010 4TH INTERNATIONAL CONFERENCE ON BIOINFORMATICS AND BIOMEDICAL ENGINEERING (ICBBE 2010) **Book Series:** International Conference on Bioinformatics and Biomedical Engineering **Published:** 2010

Accession Number: WOS:000397260201221

Conference Title: 4th International Conference on Bioinformatics and Biomedical Engineering (iCBBE)

Conference Date: JUN 18-20, 2010

Conference Location: Chengdu, PEOPLES R CHINA

Conference Sponsors: IEEE Engn Med & Biol Soc, Sichuan Univ, Wuhan Univ

ISSN: 2151-7614

ISBN: 978-1-4244-4713-8

Record 97 of 119

Title: Corrosion of nickel-chromium alloys, stainless steel and niobium at supercritical water oxidation conditions

Author(s): Asselin, E (Asselin, Edouard); Alfantazi, A (Alfantazi, Akram); Rogak, S (Rogak, Steven)

Source: CORROSION SCIENCE **Volume:** 52 **Issue:** 1 **Pages:** 118-124 **DOI:** 10.1016/j.corsci.2009.08.053 **Published:** JAN 2010

Accession Number: WOS:000272580000015

Author Identifiers:

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ISSN: 0010-938X

Record 98 of 119

Title: Application of Fe₂V₄O₁₃ as a new multi-metal heterogeneous Fenton-like catalyst for the degradation of organic pollutants

Author(s): Zhang, YY (Zhang, Y. Y.); Deng, JH (Deng, J. H.); He, C (He, C.); Huang, SS (Huang, S. S.); Tian, SH (Tian, S. H.); Xiong, Y (Xiong, Y.)

Source: ENVIRONMENTAL TECHNOLOGY **Volume:** 31 **Issue:** 2 **Pages:** 145-154 **DOI:** 10.1080/09593330903397755 **Published:** 2010

Accession Number: WOS:000275282800004

PubMed ID: 20391799

ISSN: 0959-3330

Record 99 of 119

Title: Niobian iron oxides as heterogeneous Fenton catalysts for environmental remediation

Author(s): Oliveira, DQL (Oliveira, Diana Q. L.); Oliveira, LCA (Oliveira, Luiz C. A.); Murad, E (Murad, Enver); Fabris, JD (Fabris, Jose D.); Silva, AC (Silva, Adilson C.); de Menezes, LM (de Menezes, Lucas Morais)

Source: HYPERFINE INTERACTIONS **Volume:** 195 **Issue:** 1-3 **Pages:** 27-34 **DOI:** 10.1007/s10751-009-0097-3 **Published:** JAN 2010

Accession Number: WOS:000313355600005

Conference Title: 11th Latin American Conference on the Applications of the Mossbauer Effect (LACAME)

Conference Date: NOV 09-14, 2008

Conference Location: La Plata, ARGENTINA

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Oliveira, Luiz Carlos Alves E	8-376-2017	0000-0003-4595-2753

ISSN: 0304-3843

eISSN: 1572-9540

Record 100 of 119

Title: Degradation of Methylene Blue by Heterogeneous Fenton Reaction Using Titanomagnetite at Neutral pH Values: Process and Affecting Factors

Author(s): Yang, SJ (Yang, Shijian); He, HP (He, Hongping); Wu, DQ (Wu, Daqing); Chen, D (Chen, Dong); Ma, YH (Ma, Yuehong); Li, XL (Li, Xiaoli); Zhu, JX (Zhu, Jianxi); Yuan, P (Yuan, Peng)

Source: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH **Volume:** 48 **Issue:** 22 **Pages:** 9915-9921 **DOI:** 10.1021/ie900666b **Published:** NOV 18 2009

Accession Number: WOS:000271566700019

Author Identifiers:

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ZHU, JIANXI	J-8197-2019	0000-0002-9002-4457
ZHU, JIANXI	A-7668-2012	0000-0002-9002-4457
Yang, Shijian	O-8108-2015	

ISSN: 0888-5885

Record 101 of 119

Title: Photocatalytic degradation of organics in water in the presence of iron oxides: Influence of carboxylic acids

Author(s): Rodriguez, E (Rodriguez, Eva); Fernandez, G (Fernandez, Guadalupe); Ledesma, B (Ledesma, Beatriz); Alvarez, P (Alvarez, Pedro); Beltran, FJ (Beltran, Fernando J.)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 92 **Issue:** 3-4 **Pages:** 240-249 **DOI:** 10.1016/j.apcatb.2009.07.013 **Published:** NOV 9 2009

Accession Number: WOS:000271664100003

Author Identifiers:

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Alvarez, Pedro		0000-0003-2390-9826

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Record 102 of 119

Title: Electrocatalytic Reduction of Hydrogen Peroxide by Nanostructured Bimetallic Films of Metalloporphyrins

Author(s): Hamer, M (Hamer, M.); Carballo, RR (Carballo, R. R.); Rezzano, IN (Rezzano, I. N.)

Source: ELECTROANALYSIS **Volume:** 21 **Issue:** 19 **Pages:** 2133-2138 **DOI:** 10.1002/elan.200904645 **Published:** OCT 2009

Accession Number: WOS:000270771000007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hamer, Mariana		0000-0002-2391-2913

ISSN: 1040-0397

eISSN: 1521-4109

Record 103 of 119

Title: An effect of iron(III) oxides crystallinity on their catalytic efficiency and applicability in phenol degradation-A competition between homogeneous and heterogeneous catalysis

Author(s): Prucek, R (Prucek, Robert); Hermanek, M (Hermanek, Martin); Zboril, R (Zboril, Radek)

Source: APPLIED CATALYSIS A-GENERAL **Volume:** 366 **Issue:** 2 **Pages:** 325-332 **DOI:** 10.1016/j.apcata.2009.07.019 **Published:** SEP 25 2009

Accession Number: WOS:000270644800014

Author Identifiers:

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Zboril, Radek	K-1530-2019	
Prucek, Robert	F-5721-2010	
Zboril, Radek	F-5153-2015	0000-0002-3147-2196

ISSN: 0926-860X
eISSN: 1873-3875

Record 104 of 119

Title: Sequential injection analysis (SIA) and response surface methodology: A versatile small volume approach for optimization of photo-Fenton processes

Author(s): dos Santos, ACV (dos Santos, Allan C. V.); Masini, JC (Masini, Jorge C.)

Source: MICROCHEMICAL JOURNAL **Volume:** 93 **Issue:** 1 **Pages:** 110-114 **DOI:** 10.1016/j.microc.2009.05.007 **Published:** SEP 2009

Accession Number: WOS:000269570500019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
USP, Dept. of Chemistry Institute of Chemistry -	B-8988-2012	
Masini, Jorge Cesar	C-9069-2012	0000-0002-0496-9009

ISSN: 0026-265X
eISSN: 1095-9149

Record 105 of 119

Title: Photo-Fenton-like catalytic activity of nano-lamellar Fe₂V₄O₁₃ in the degradation of organic pollutants

Author(s): Zhang, YY (Zhang, Yuan-Yuan); He, C (He, Chun); Deng, JH (Deng, Jing-Heng); Tu, YT (Tu, Yu-Ting); Liu, JK (Liu, Jian-Ke); Xiong, Y (Xiong, Ya)

Source: RESEARCH ON CHEMICAL INTERMEDIATES **Volume:** 35 **Issue:** 6-7 **Special Issue:** SI **Pages:** 727-737 **DOI:** 10.1007/s11164-009-0090-0 **Published:** SEP 2009

Accession Number: WOS:000272802600009

Conference Title: National Conference on Solar Photochemistry and Photocatalysis

Conference Date: NOV 02-04, 2008

Conference Location: Shanghai Normal Univ, Shanghai, PEOPLES R CHINA

Conference Host: Shanghai Normal Univ

ISSN: 0922-6168

eISSN: 1568-5675

Record 106 of 119

Title: Fe-zeolites as catalysts for chemical oxidation of MTBE in water with H₂O₂

Author(s): Gonzalez-Olmos, R (Gonzalez-Olmos, R.); Roland, U (Roland, U.); Toufar, H (Toufar, H.); Kopinke, FD (Kopinke, F. -D.); Georgi, A (Georgi, A.)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 89 **Issue:** 3-4 **Pages:** 356-364 **DOI:** 10.1016/j.apcatb.2008.12.014 **Published:** JUL 15 2009

Accession Number: WOS:000267203200007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gonzalez Olmos, Rafael	R-3153-2018	0000-0002-7515-3576
Kopinke, Frank-Dieter	H-7381-2017	0000-0001-7703-3466
Gonzalez Olmos, Rafael		0000-0003-2646-9141

ISSN: 0926-3373

Record 107 of 119

Title: Decolorization of methylene blue by heterogeneous Fenton reaction using Fe₃-xTi_xO₄ (0 ≤ x ≤ 0.78) at neutral pH values

Author(s): Yang, SJ (Yang, Shijian); He, HP (He, Hongping); Wu, DQ (Wu, Daqing); Chen, D (Chen, Dong); Liang, XL (Liang, Xiaoliang); Qin, ZH (Qin, Zonghua); Fan, MD (Fan, Mingde); Zhu, JX (Zhu, Jianxi); Yuan, P (Yuan, Peng)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 89 **Issue:** 3-4 **Pages:** 527-535 **DOI:** 10.1016/j.apcatb.2009.01.012 **Published:** JUL 15 2009

Accession Number: WOS:000267203200029

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
ZHU, JIANXI	A-7668-2012	0000-0002-9002-4457
ZHU, JIANXI	J-8197-2019	0000-0002-9002-4457
He, Hongping	J-5279-2014	
Liang, Xiaoliang	A-7692-2013	
JIANXI, ZHU	B-5392-2009	
Yang, Shijian	O-8108-2015	

ISSN: 0926-3373

eISSN: 1873-3883

Record 108 of 119

Title: Application of an active immobilized iron oxide with catalytic H₂O₂ for the mineralization of phenol in a batch photo-fluidized bed reactor

Author(s): Huang, CP (Huang, Chun-Ping); Huang, YH (Huang, Yao-Hui)

Source: APPLIED CATALYSIS A-GENERAL **Volume:** 357 **Issue:** 2 **Pages:** 135-141 **DOI:** 10.1016/j.apcata.2008.12.043 **Published:** APR 15 2009

Accession Number: WOS:000264947300003

ISSN: 0926-860X

Record 109 of 119

Title: Nb-containing hematites Fe₂-xNb_xO₃: The role of Nb⁵⁺ on the reactivity in presence of the H₂O₂ or ultraviolet light

Author(s): Silva, AC (Silva, Adilson C.); Oliveira, DQL (Oliveira, Diana Q. L.); Oliveira, LCA (Oliveira, Luiz C. A.); Anastacio, AS (Anastacio, Alexandre S.); Ramalho, TC (Ramalho, Teodorico C.); Lopes, JH (Lopes, Joao H.); Carvalho, HWP (Carvalho, Hudson W. P.); Torres, CER (Torres, Claudia E. Rodriguez)

Source: APPLIED CATALYSIS A-GENERAL **Volume:** 357 **Issue:** 1 **Pages:** 79-84 **DOI:** 10.1016/j.apcata.2009.01.014 **Published:** MAR 31 2009

Accession Number: WOS:000264558200011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
CENAPAD-SP, CENAPAD	J-2963-2017	
Pereira de Carvalho, Hudson	M-8513-2014	
Ramalho, Teodorico C.	H-3204-2012	0000-0002-7324-1353
Oliveira, Luiz Carlos Alves	E-8376-2017	0000-0003-4595-2753
Torres, Claudia Rodriguez	R-6827-2019	
Lopes, Joao Henrique	H-6440-2018	0000-0001-6872-0299

ISSN: 0926-860X

Record 110 of 119

Title: Photoassisted degradation of endocrine disruptors over CuOx-FeOOH with H₂O₂ at neutral pH

Author(s): Nie, YL (Nie, Yulun); Hu, C (Hu, Chun); Qu, JH (Qu, Jiuhui); Zhao, X (Zhao, Xu)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 87 **Issue:** 1-2 **Pages:** 30-36 **DOI:** 10.1016/j.apcatb.2008.08.022 **Published:** MAR 16 2009

Accession Number: WOS:000264662500004

ISSN: 0926-3373

eISSN: 1873-3883

Record 111 of 119

Title: ADSORPTION AND ADVANCED OXIDATION PROCESS FOR ENVIRONMENTAL CLEANING OF POLLUTED WATER

Author(s): Peng, YL (Peng, Yuelian); Wang, SB (Wang, Shaobin)

Edited by: Nemecek J; Schulz P

Source: BUILDINGS AND THE ENVIRONMENT **Book Series:** Environmental Science Engineering and Technology **Pages:** 161-180 **Published:** 2009

Accession Number: WOS:000286534900004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Shaobin	C-5507-2008	0000-0002-1751-9162

ISBN: 978-1-60876-128-9

Record 112 of 119

Title: Pt film electrodes prepared by the Pechini method for electrochemical decolourisation of Reactive Orange 16

Author(s): Gomes, L (Gomes, L.); Freitas, RG (Freitas, R. G.); Malpass, GRP (Malpass, G. R. P.); Pereira, EC (Pereira, E. C.); Motheo, AJ

(Motheo, A. J.)

Source: JOURNAL OF APPLIED ELECTROCHEMISTRY **Volume:** 39 **Issue:** 1 **Pages:** 117-121 **DOI:** 10.1007/s10800-008-9649-5 **Published:** JAN 2009

Accession Number: WOS:000268729700015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Nanotecnologias, Inct	I-2407-2013	
Pereira, Ernesto	A-8576-2011	0000-0003-1058-302X
Freitas, Renato	C-2706-2012	0000-0003-4480-7212
de Jesus Motheo, Artur	B-3192-2012	0000-0001-5819-9516
Malpass, Geoffroy	O-6176-2017	0000-0002-0036-5750

ISSN: 0021-891X

eISSN: 1572-8838

Record 113 of 119

Title: Comparison of catalytic decomposition of hydrogen peroxide and catalytic degradation of phenol by immobilized iron oxides

Author(s): Huang, CP (Huang, Chun-Ping); Huang, YH (Huang, Yao-Hui)

Source: APPLIED CATALYSIS A-GENERAL **Volume:** 346 **Issue:** 1-2 **Pages:** 140-148 **DOI:** 10.1016/j.apcata.2008.05.017 **Published:** AUG 31 2008

Accession Number: WOS:000258965000018

ISSN: 0926-860X

Record 114 of 119

Title: Synthesis of zirconia-immobilized copper chelates for catalytic decomposition of hydrogen peroxide and the oxidation of polycyclic aromatic hydrocarbons

Author(s): Baldrian, P (Baldrian, Petr); Merhautova, V (Merhautova, Vera); Cajthaml, T (Cajthaml, Tomas); Nerud, F (Nerud, Frantisek); Stopka, P (Stopka, Pavel); Gorbacheva, O (Gorbacheva, Olga); Hruby, M (Hruby, Martin); Benes, MJ (Benes, Milan J.)

Source: CHEMOSPHERE **Volume:** 72 **Issue:** 11 **Pages:** 1721-1726 **DOI:** 10.1016/j.chemosphere.2008.04.068 **Published:** AUG 2008

Accession Number: WOS:000258901300015

PubMed ID: 18555507

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Benes, Milan	H-6778-2014	
Baldrian, Petr	A-9170-2009	0000-0002-8983-2721
Cajthaml, Tomas	I-1971-2014	0000-0002-3393-1333

ISSN: 0045-6535

Record 115 of 119

Title: Photocatalytic and combined anaerobic-photocatalytic treatment of textile dyes

Author(s): Harrelkas, F (Harrelkas, F.); Paulo, A (Paulo, A.); Alves, MM (Alves, M. M.); El Khadir, L (El Khadir, L.); Zahraa, O (Zahraa, O.); Pons, MN (Pons, M. N.); van der Zee, FP (van der Zee, F. P.)

Source: CHEMOSPHERE **Volume:** 72 **Issue:** 11 **Pages:** 1816-1822 **DOI:** 10.1016/j.chemosphere.2008.05.026 **Published:** AUG 2008

Accession Number: WOS:000258901300028

PubMed ID: 18585754

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Alves, Madalena	C-1487-2012	0000-0002-9078-3613
Paulo, Ana		0000-0002-3058-8285

ISSN: 0045-6535

eISSN: 1879-1298

Record 116 of 119

Title: Supported bimetallic polymers of porphyrins as new heterogeneous catalyst

Author(s): Carballo, RR (Carballo, R. R.); Orto, VC (Orto, V. Campodall'); Rezzano, IN (Rezzano, I. N.)

Source: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL **Volume:** 280 **Issue:** 1-2 **Pages:** 156-163 **DOI:** 10.1016/j.molcata.2007.10.035 **Published:** FEB 4 2008

Accession Number: WOS:000253186500022

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Record 117 of 119

Title: Natural and H₂-reduced limonite for organic oxidation by a Fenton-like system: Mechanism study via ESI-MS and theoretical calculations

Author(s): de Souza, WF (de Souza, Wladimir F.); Guimaraes, IR (Guimaraes, Iara R.); Oliveira, LCA (Oliveira, Luiz C. A.); Guerreiro, MC (Guerreiro, Mario C.); Guarieiro, ALN (Guarieiro, Aline L. N.); Carvalho, KTG (Carvalho, Kele T. G.)

Source: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL **Volume:** 278 **Issue:** 1-2 **Pages:** 145-151 **DOI:** 10.1016/j.molcata.2007.09.003 **Published:** DEC 14 2007

Accession Number: WOS:000251510300021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Carvalho, Kele T G	D-1032-2015	0000-0002-4700-3239
Oliveira, Luiz Carlos Alves	E-8376-2017	0000-0003-4595-2753

ISSN: 1381-1169

Record 118 of 119

Title: Cr-containing magnetites Fe₃-xCr_xO₄: The role of Cr³⁺ and Fe²⁺ on the stability and reactivity towards H₂O₂ reactions

Author(s): Magalhaes, F (Magalhaes, F.); Pereira, MC (Pereira, M. C.); Botrel, SEC (Botrel, S. E. C.); Fabris, JD (Fabris, J. D.); Macedo, WA (Macedo, W. A.); Mendonca, R (Mendonca, R.); Lago, RM (Lago, R. M.); Oliveira, LCA (Oliveira, L. C. A.)

Source: APPLIED CATALYSIS A-GENERAL **Volume:** 332 **Issue:** 1 **Pages:** 115-123 **DOI:** 10.1016/j.apcata.2007.08.002 **Published:** NOV 1 2007

Accession Number: WOS:000250636200014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pereira, Marcio	H-7672-2012	0000-0001-9143-782X
Oliveira, Luiz Carlos Alves	E-8376-2017	0000-0003-4595-2753
Fabris, Jose D	H-4121-2012	0000-0002-2427-5995

ISSN: 0926-860X

eISSN: 1873-3875

Record 119 of 119

Title: Preparation and properties of magnetic nano- and micro-sized particles for biological and environmental separations

Author(s): Horak, D (Horak, Daniel); Babic, M (Babic, Michal); Mackova, H (Mackova, Hana); Benes, MJ (Benes, Milan J.)

Source: JOURNAL OF SEPARATION SCIENCE **Volume:** 30 **Issue:** 11 **Pages:** 1751-1772 **DOI:** 10.1002/jssc.200700088 **Published:** JUL 2007

Accession Number: WOS:000248361100012

PubMed ID: 17623453

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Benes, Milan	H-6778-2014	
Babic, Michal	B-7075-2013	
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
Babic, Michal	H-4353-2014	
Mackova, Hana	G-3247-2014	

ISSN: 1615-9306

eISSN: 1615-9314

Publication No 4 of 132

Title: Fluorescent magnetic nanoparticles for biomedical applications

Author(s): Chekina, N (Chekina, Nataliya); Horak, D (Horak, Daniel); Jendelova, P (Jendelova, Pavla); Trchova, M (Trchova, Miroslava); Benes, MJ (Benes, Milan J.); Hruby, M (Hruby, Martin); Herynek, V (Herynek, Vit); Turnovcova, K (Turnovcova, Karolina); Sykova, E (Sykova, Eva)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 21 **Issue:** 21 **Pages:** 7630-7639 **DOI:** 10.1039/c1jm10621j **Published:** 2011

Accession Number: WOS:000290670000017

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Trchova, Miroslava	G-3445-2014	0000-0001-6105-7578
Jendelova, Pavla	H-2516-2014	0000-0002-4644-9212
Hruby, Martin	H-6479-2014	
Chekina, Natalia	H-7172-2014	
Benes, Milan	H-6778-2014	
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
Sykova, Eva	H-2659-2014	

ISSN: 0959-9428

Record 1 of 66

Title: AIEgen-Conjugated Magnetic Nanoparticles as Magnetic-Fluorescent Bioimaging Probes

Author(s): Mandal, K (Mandal, Kuheli); Jana, D (Jana, Debabrata); Ghorai, BK (Ghorai, Binay K.); Jana, NR (Jana, Nikhil R.)

Source: ACS APPLIED NANO MATERIALS **Volume:** 2 **Issue:** 5 **Pages:** 3292-3299 **DOI:** 10.1021/acsanm.9b00636 **Published:** MAY 2019

Accession Number: WOS:000469410000077

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jana, Nikhil Ranjan B	2741-2008	0000-0002-4595-6917

ISSN: 2574-0970

Record 2 of 66

Title: Nanolimes doped with quantum dots for stone consolidation assessment

Author(s): Becerra, J (Becerra, Javier); Ortiz, P (Ortiz, Pilar); Martin, JM (Maria Martin, Jose); Zaderenko, AP (Paula Zaderenko, Ana)

Source: CONSTRUCTION AND BUILDING MATERIALS **Volume:** 199 **Pages:** 581-593 **DOI:** 10.1016/j.conbuildmat.2018.12.077 **Published:** FEB 28 2019

Accession Number: WOS:000458221600053

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Becerra, Javier	S-1826-2019	0000-0002-3360-4017
Zaderenko Partida, Ana Paula		0000-0003-2504-9065
Ortiz, Pilar	J-1324-2014	0000-0002-8547-7531

ISSN: 0950-0618

eISSN: 1879-0526

Record 3 of 66

Title: Long-term live cells observation of internalized fluorescent Fe@C nanoparticles in constant magnetic field

Author(s): Garanina, A (Garanina, Anastasiia); Kireev, I (Kireev, Igor); Zhironkina, O (Zhironkina, Oxana); Strelkova, O (Strelkova, Olga); Shakhov, A (Shakhov, Anton); Alieva, I (Alieva, Irina); Davydov, V (Davydov, Valery); Murugesan, S (Murugesan, Sankaran); Khabashesku, V (Khabashesku, Valery); Majouga, A (Majouga, Alexander); Agafonov, V (Agafonov, Viatcheslav); Uzbekov, R (Uzbekov, Rustem)

Source: JOURNAL OF NANOBIO TECHNOLOGY **Volume:** 17 **Article Number:** 27 **DOI:** 10.1186/s12951-019-0463-5 **Published:** FEB 6 2019

Accession Number: WOS:000458448700002

PubMed ID: 30728022

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kireev, Igor D	1338-2012	0000-0001-9252-6808

ISSN: 1477-3155

Record 4 of 66

Title: Electrochemical Synthesis of Iron Oxide Nanoparticles: Doping with Zn²⁺ and Gd³⁺ Cations and In-situ Capping with Polyethylene Glycol

Author(s): Karimzadeh, I (Karimzadeh, Isa); Eslami, M (Eslami, Mohammadreza); Moghaddam, V (Moghaddam, Vahid)

Source: ANALYTICAL & BIOANALYTICAL ELECTROCHEMISTRY **Volume:** 11 **Issue:** 1 **Pages:** 70-79 **Published:** JAN 31 2019

Accession Number: WOS:000457432100006

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Karimzadeh, Isa 0000-0001-6658-190X
ISSN: 2008-4226

Record 5 of 66

Title: Development of a 3D Collagen Model for the In Vitro Evaluation of Magnetic-assisted Osteogenesis
Author(s): Yuan, ZY (Yuan, Zhiyu); Memarzadeh, K (Memarzadeh, Kaveh); Stephen, AS (Stephen, Abish S.); Allaker, RP (Allaker, Robert P.); Brown, RA (Brown, Robert A.); Huang, J (Huang, Jie)
Source: SCIENTIFIC REPORTS **Volume:** 8 **Article Number:** 16270 **DOI:** 10.1038/s41598-018-33455-2 **Published:** NOV 2 2018
Accession Number: WOS:000449075100039
PubMed ID: 30389949
ISSN: 2045-2322

Record 6 of 66

Title: Monitoring of the Cytoskeleton-Dependent Intracellular Trafficking of Fluorescent Iron Oxide Nanoparticles by Nanoparticle Pulse-Chase Experiments in C6 Glioma Cells
Author(s): Willmann, W (Willmann, Wiebke); Dringen, R (Dringen, Ralf)
Source: NEUROCHEMICAL RESEARCH **Volume:** 43 **Issue:** 11 **Pages:** 2055-2071 **DOI:** 10.1007/s11064-018-2627-3 **Published:** NOV 2018
Accession Number: WOS:000447842400005
PubMed ID: 30196349
ISSN: 0364-3190
eISSN: 1573-6903

Record 7 of 66

Title: Carbon coated core-shell multifunctional fluorescent SPIONs
Author(s): Tiwari, A (Tiwari, Ashish); Verma, NC (Verma, Navneet C.); Singh, A (Singh, Anup); Nandi, CK (Nandi, Chayan K.); Randhawa, JK (Randhawa, Jaspreet K.)
Source: NANOSCALE **Volume:** 10 **Issue:** 22 **Pages:** 10389-10394 **DOI:** 10.1039/c8nr01941j **Published:** JUN 14 2018
Accession Number: WOS:000434692000011
PubMed ID: 29845158
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tiwari, Ashish		0000-0001-8520-1829
Verma, Navneet Chandra		0000-0001-8142-0290

ISSN: 2040-3364
eISSN: 2040-3372

Record 8 of 66

Title: Palladium N-Heterocyclic Carbene Complex of Vitamin B1 Supported on Silica-Coated Fe₃O₄ Nanoparticles: A Green and Efficient Catalyst for C-C Coupling
Author(s): Rafiee, F (Rafiee, Fatemeh); Mehdizadeh, N (Mehdizadeh, Nasrin)
Source: CATALYSIS LETTERS **Volume:** 148 **Issue:** 5 **Pages:** 1345-1354 **DOI:** 10.1007/s10562-018-2363-y **Published:** MAY 2018
Accession Number: WOS:000430722800009
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
rafiee, fatemeh		0000-0002-7987-600X

ISSN: 1011-372X
eISSN: 1572-879X

Record 9 of 66

Title: A green synthesis of biaryls in water catalyzed by palladium nanoparticles immobilized on N-amidinoglycine-functionalized iron oxide nanoparticles
Author(s): Rafiee, F (Rafiee, Fatemeh); Mehdizadeh, N (Mehdizadeh, Nasrin)
Source: TRANSITION METAL CHEMISTRY **Volume:** 43 **Issue:** 4 **Pages:** 295-300 **DOI:** 10.1007/s11243-018-0215-7 **Published:** MAY 2018
Accession Number: WOS:000429568000001
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
rafiee, fatemeh		0000-0002-7987-600X

ISSN: 0340-4285
eISSN: 1572-901X

Record 10 of 66

Title: Insight into dual-modality of triply doped magnetic-luminescent iron-oxide/NaGdF₄:RE³⁺ (RE = Ce, Tb, Dy) nanoparticles

Author(s): Shrivastava, N (Shrivastava, Navadeep); Rocha, U (Rocha, Uelson); Muraca, D (Muraca, Diego); Silva, W (Silva, Wagner); Jacinto, C (Jacinto, Carlos); Kumar, R (Kumar, Rajesh); Sharma, SK (Sharma, S. K.)

Source: MATERIALS LETTERS **Volume:** 213 **Pages:** 358-361 **DOI:** 10.1016/j.matlet.2017.11.037 **Published:** FEB 15 2018

Accession Number: WOS:000419049300090

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Inst. of Physics, Gleb Wataghin	A-9780-2017	
Muraca, Diego	K-5063-2015	0000-0002-4530-4265
Shrivastava, Navadeep	C-2502-2016	0000-0002-5498-3634
Sharma, Surender Kumar	D-2388-2012	0000-0002-6924-7699

ISSN: 0167-577X

eISSN: 1873-4979

Record 11 of 66

Title: Recent Progress in Synthesis and Functionalization of Multimodal Fluorescent-Magnetic Nanoparticles for Biological Applications

Author(s): Garcia, RS (Garcia, Raquel Serrano); Stafford, S (Stafford, Shelley); Gun'ko, YK (Gun'ko, Yurii K.)

Source: APPLIED SCIENCES-BASEL **Volume:** 8 **Issue:** 2 **Article Number:** 172 **DOI:** 10.3390/app8020172 **Published:** FEB 2018

Accession Number: WOS:000427510300024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stafford, Shelley		0000-0001-5771-546X
Gun'ko, Yurii	R-5348-2016	0000-0002-4772-778X

ISSN: 2076-3417

Record 12 of 66

Title: Development of multifunctional nanoparticles towards applications in non-invasive magnetic resonance imaging and axonal tracing

Author(s): Du, Y (Du, Yan); Qin, YB (Qin, Yubo); Li, ZZ (Li, Zizhen); Yang, XY (Yang, Xiuying); Zhang, JC (Zhang, Jingchang); Westwick, H (Westwick, Harrison); Tsai, E (Tsai, Eve); Cao, XD (Cao, Xudong)

Source: JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY **Volume:** 22 **Issue:** 8 **Pages:** 1305-1316 **DOI:** 10.1007/s00775-017-1503-y **Published:** DEC 2017

Accession Number: WOS:000414459200013

PubMed ID: 29071442

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tsai, Eve	D-7007-2014	0000-0002-8152-349X

ISSN: 0949-8257

eISSN: 1432-1327

Record 13 of 66

Title: Surface Engineered Nanoparticles: Considerations for Biomedical Applications

Author(s): Morris, AS (Morris, Angie S.); Salem, AK (Salem, Aliasger K.)

Source: ADVANCED ENGINEERING MATERIALS **Volume:** 19 **Issue:** 11 **Article Number:** 1700302 **DOI:** 10.1002/adem.201700302 **Published:** NOV 2017

Accession Number: WOS:000415932100027

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Salem, Aliasger	J-3674-2012	0000-0002-1923-6633

ISSN: 1438-1656

eISSN: 1527-2648

Record 14 of 66

Title: Nanoprobe Synthesized by Magnetotactic Bacteria, Detecting Fluorescence Variations under Dissociation of Rhodamine B from Magnetosomes following Temperature, pH Changes, or the Application of Radiation

Author(s): Alphantery, E (Alphantery, Edouard); Haidar, DA (Haidar, Darine Abi); Seksek, O (Seksek, Olivier); Thoreau, M (Thoreau, Maxime); Trautmann, A (Trautmann, Alain); Bercovici, N (Bercovici, Nadege); Gazeau, F (Gazeau, Florence); Guyot, F (Guyot, Francois); Chebbi, I (Chebbi, Imene)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 9 **Issue:** 42 **Pages:** 36561-36572 **DOI:** 10.1021/acsami.7b09720 **Published:** OCT 25 2017

Accession Number: WOS:000414115700010

PubMed ID: 29035036

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
GUYOT, Francois	C-3824-2016	0000-0003-4622-2218
HAIDAR, Darine ABI	J-8736-2019	
alphantery, edouard		0000-0002-2952-2270
Thoreau, Maxime		0000-0001-9337-6338
Abi Haidar, Darine		0000-0003-1740-4979

ISSN: 1944-8244

Record 15 of 66

Title: Fast detection of *Listeria monocytogenes* through a nanohybrid quantum dot complex

Author(s): Donoso, W (Donoso, Wendy); Castro, RI (Castro, Ricardo I.); Guzman, L (Guzman, Luis); Lopez-Cabana, Z (Lopez-Cabana, Zoraya); Nachtigall, FM (Nachtigall, Fabiane M.); Santos, LS (Santos, Leonardo S.)

Source: ANALYTICAL AND BIOANALYTICAL CHEMISTRY **Volume:** 409 **Issue:** 22 **Pages:** 5359-5371 **DOI:** 10.1007/s00216-017-0481-9 **Published:** SEP 2017

Accession Number: WOS:000407559700018

PubMed ID: 28689324

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Guzman, Luis		0000-0003-1552-7430
Castro, Ricardo		0000-0002-8054-1469

ISSN: 1618-2642

eISSN: 1618-2650

Record 16 of 66

Title: NEW FOLIC ACID-CHITOSAN DERIVATIVE BASED NANOPARTICLES - POTENTIAL APPLICATIONS IN CANCER THERAPY

Author(s): Alupei, L (Alupei, Liana); Lisa, G (Lisa, Gabriela); Butnariu, A (Butnariu, Andreea); Desbrieres, J (Desbrieres, Jacques); Cadinoiu, AN (Cadinoiu, Anca Niculina); Peptu, CA (Peptu, Catalina Anisoara); Marcel, GC (Calin, Gabriela); Popa, M (Popa, Marcel)

Source: CELLULOSE CHEMISTRY AND TECHNOLOGY **Volume:** 51 **Issue:** 7-8 **Pages:** 631-648 **Published:** JUL-AUG 2017

Accession Number: WOS:000413720100005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lisa, Gabriela	B-9516-2011	0000-0002-4541-7446
Peptu, Catalina	C-4813-2012	
Cadinoiu, Anca		0000-0002-3708-3992
Peptu, Catalina Anisoara		0000-0002-1682-0682

ISSN: 0576-9787

Record 17 of 66

Title: POTENTIAL BIOMEDICAL APPLICATIONS OF METALLIC NANOBIO MATERIALS: A REVIEW

Author(s): Shivaramakrishnan, B (Shivaramakrishnan, B.); Gurumurthy, B (Gurumurthy, B.); Balasubramanian, A (Balasubramanian, A.)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH **Volume:** 8 **Issue:** 3 **Pages:** 985-1000 **DOI:** 10.13040/IJPSR.0975-8232.8(3).985-00 **Published:** MAR 2017

Accession Number: WOS:000397036800003

ISSN: 0975-8232

Record 18 of 66

Title: Chitosan-based magnetic/fluorescent nanocomposites for cell labelling and controlled drug release

Author(s): Ding, YL (Ding, Yongling); Yin, H (Yin, Hong); Shen, S (Shen, Shirley); Sun, KN (Sun, Kangning); Liu, FT (Liu, Futian)

Source: NEW JOURNAL OF CHEMISTRY **Volume:** 41 **Issue:** 4 **Pages:** 1736-1743 **DOI:** 10.1039/c6nj02897g **Published:** FEB 21 2017

Accession Number: WOS:000395092600039

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
shen, shirley	F-8492-2012	

ISSN: 1144-0546

Record 19 of 66

Title: BODIPY-conjugated chitosan nanoparticles as a fluorescent probe

Author(s): Bor, G (Bor, Gizem); Ucuncu, M (Ucuncu, Muhammed); Emrullahoglu, M (Emrullahoglu, Mustafa); Tomak, A (Tomak, Aysel); Sanli-Mohamed, G (Sanli-Mohamed, Gulsah)

Source: DRUG AND CHEMICAL TOXICOLOGY **Volume:** 40 **Issue:** 4 **Pages:** 375-382 **DOI:** 10.1080/01480545.2016.1238481 **Published:** 2017

Accession Number: WOS:000406544200001

PubMed ID: 27866417

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Author	Web of Science ResearcherID	ORCID Number
BOR, Gizem		0000-0002-3322-900X

ISSN: 0148-0545

eISSN: 1525-6014

Record 20 of 66

Title: Multifunctional Polymeric Platform of Magnetic Ferrite Colloidal Superparticles for Luminescence, Imaging, and Hyperthermia Applications

Author(s): Iatridi, Z (Iatridi, Zacharoula); Vamvakidis, K (Vamvakidis, Kosmas); Tsougos, I (Tsougos, Ioannis); Vassiou, K (Vassiou, Katerina); Dendrinou-Samara, C (Dendrinou-Samara, Catherine); Bokias, G (Bokias, Georgios)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 8 **Issue:** 51 **Pages:** 35059-35070 **DOI:** 10.1021/acsami.6b13161 **Published:** DEC 28 2016

Accession Number: WOS:000391081700013

PubMed ID: 27966875

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hire, RSwamy	L-8279-2017	
Bokias, Georgios O	7294-2019	0000-0003-0893-4716

ISSN: 1944-8244

Record 21 of 66

Title: Iron Oxide Nanoparticles Labeled with an Excited-State Intramolecular Proton Transfer Dye

Author(s): de Oliveira, EMN (de Oliveira, Elisa M. N.); Coelho, FL (Coelho, Felipe L.); Zanini, ML (Zanini, Mara L.); Papaleo, RM (Papaleo, Ricardo M.); Campo, LF (Campo, Leandra F.)

Source: CHEMPHYSICHEM **Volume:** 17 **Issue:** 20 **Pages:** 3176-3180 **DOI:** 10.1002/cphc.201600472 **Published:** OCT 18 2016

Accession Number: WOS:000386790600005

PubMed ID: 27324315

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Papaleo, Ricardo M	J-2617-2012	0000-0003-3726-8951
Campo, Leandra	P-2419-2016	0000-0001-6655-3036
Coelho, Felipe Lange		0000-0002-2876-9466

ISSN: 1439-4235

eISSN: 1439-7641

Record 22 of 66

Title: Multifunctional Device for Nucleic Acid Extraction Based on Magnetic Separation and Its Co-Working with Liquid Handling System for High Throughput Sample Preparation

Author(s): Wu, YQ (Wu, Yanqi); Chen, H (Chen, Hui); Chen, Z (Chen, Zhu); Nie, LB (Nie, Libo); Liu, B (Liu, Bin); He, NY (He, Nongyue)

Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY **Volume:** 16 **Issue:** 7 **Pages:** 6919-6924 **DOI:** 10.1166/jnn.2016.12583 **Published:** JUL 2016

Accession Number: WOS:000387100400041

ISSN: 1533-4880

eISSN: 1533-4899

Record 23 of 66

Title: In Vitro PET/MRI Diagnosis and Targeted Chemotherapy for Cancer Using Radiolabeled Nanoprobe : A Theragnostic Approach

Author(s): Cho, BB (Cho, Bo-Bae); Moon, MM (Moon, Mi Mi); Chellan, JR (Chellan, Justin Raj); Hwang, SH (Hwang, Sang Hyuck); Lee, JH (Lee, Jung Hoon); Jung, SJ (Jung, Soon Jae); Kim, BC (Kim, Byung Chul); Yu, KH (Yu, Kook Hyun)

Source: BULLETIN OF THE KOREAN CHEMICAL SOCIETY **Volume:** 37 **Issue:** 6 **Pages:** 886-892 **DOI:** 10.1002/bkcs.10794 **Published:** JUN 2016

Accession Number: WOS:000377648100021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Raj, C.	Justin X-7965-2018	0000-0001-7074-2884

ISSN: 1229-5949

Record 24 of 66

Title: Ultrasmall Superparamagnetic Iron Oxide Nanoparticles with Europium(III) DO3A as a Bimodal Imaging Probe

Author(s): Carron, S (Carron, Sophie); Bloemen, M (Bloemen, Maarten); Vander Elst, L (Vander Elst, Luce); Laurent, S (Laurent, Sophie); Verbiest, T (Verbiest, Thierry); Parac-Vogt, TN (Parac-Vogt, Tatjana N.)

Source: CHEMISTRY-A EUROPEAN JOURNAL **Volume:** 22 **Issue:** 13 **Pages:** 4521-4527 **DOI:** 10.1002/chem.201504731 **Published:** MAR 18 2016

Accession Number: WOS:000372808100033

PubMed ID: 26880696

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Verbiest, Thierry	A-4393-2019	0000-0002-0822-176X
Parac-Vogt, Tatjana	O-7910-2018	0000-0002-6188-3957

ISSN: 0947-6539

eISSN: 1521-3765

Record 25 of 66

Title: Synthesis and characterization of near-infrared fluorescent and magnetic iron zero-valent nanoparticles

Author(s): Perez, N (Perez, Nagore); Ruiz-Rubio, L (Ruiz-Rubio, Leire); Vilas, JL (Luis Vilas, Jose); Rodriguez, M (Rodriguez, Matilde); Martinez-Martinez, V (Martinez-Martinez, Virginia); Leon, LM (Leon, Luis M.)

Source: JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY **Volume:** 315 **Pages:** 1-7 **DOI:** 10.1016/j.jphotochem.2015.09.004 **Published:** JAN 15 2016

Accession Number: WOS:000366230700001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vila-Vilela, Jose Luis	L-7178-2015	0000-0002-0188-4579
Ruiz-Rubio, Leire	G-4363-2013	0000-0002-2045-008X
Martinez-Martinez, Virginia	L-5440-2013	0000-0001-7551-3714

ISSN: 1010-6030

Record 26 of 66

Title: Advances on Magnetic Nanocarriers Based on Natural Polymers

Author(s): Muzzalupo, R (Muzzalupo, Rita); Tavano, L (Tavano, Lorena)

Source: CURRENT PHARMACEUTICAL DESIGN **Volume:** 22 **Issue:** 22 **Pages:** 3353-3363 **DOI:** 10.2174/138161282266616020915221 **Published:** 2016

Accession Number: WOS:000384723900005

PubMed ID: 26861649

ISSN: 1381-6128

eISSN: 1873-4286

Record 27 of 66

Title: Design of Magnetic Nanoparticles for MRI-Based Theranostics

Author(s): Hou, YL (Hou, Yanglong); Yu, J (Yu, Jing); Chu, X (Chu, Xin)

Edited by: Dai Z

Source: ADVANCES IN NANOTHERANOSTICS II: CANCER THERANOSTIC NANOMEDICINE **Book Series:** Springer Series in Biomaterials Science and Engineering **Volume:** 7 **Pages:** 3-37 **DOI:** 10.1007/978-981-10-0063-8_1 **Published:** 2016

Accession Number: WOS:000373343800002

ISSN: 2195-0644

ISBN: 978-981-10-0063-8; 978-981-10-0061-4

Book DOI: 10.1007/978-981-10-0063-8

Record 28 of 66

Title: Silica-coated upconversion lanthanide nanoparticles: The effect of crystal design on morphology, structure and optical properties

Author(s): Kostiv, U (Kostiv, Uliana); Slouf, M (Slouf, Miroslav); Mackova, H (Mackova, Hana); Zhigunov, A (Zhigunov, Alexander); Engstova, H (Engstova, Hana); Smolkova, K (Smolkova, Katarina); Jezek, P (Jezek, Petr); Horak, D (Horak, Daniel)

Source: BEILSTEIN JOURNAL OF NANOTECHNOLOGY **Volume:** 6 **Pages:** 2290-2299 **DOI:** 10.3762/bjnano.6.235 **Published:** DEC 3 2015

Accession Number: WOS:000365789200001

PubMed ID: 26734520

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Mackova, Hana	G-3247-2014	
Jezek, Petr	B-9264-2012	
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
Zhigunov, Alexander	C-3924-2012	
Smolkova, Katarina	C-4290-2012	0000-0002-4734-0200
Engstova, Hana	C-1015-2012	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X

ISSN: 2190-4286

Record 29 of 66

Title: Multifunctional Fluorescent-Magnetic Polymeric Colloidal Particles: Preparations and Bioanalytical Applications

Author(s): Kaewsaneha, C (Kaewsaneha, Chariya); Tangboriboonrat, P (Tangboriboonrat, Pramuan); Polpanich, D (Polpanich, Duangporn); Elaissari, A (Elaissari, Abdelhamid)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 7 **Issue:** 42 **Pages:** 23373-23386 **DOI:** 10.1021/acsami.5b07515 **Published:** OCT 28 2015

Accession Number: WOS:000363994700001

PubMed ID: 26439897

ISSN: 1944-8244

Record 30 of 66

Title: A facile method for the preparation of bifunctional Mn:ZnS/ZnS/Fe₃O₄ magnetic and fluorescent nanocrystals

Author(s): Labiadh, H (Labiadh, Houcine); Ben Chaabane, T (Ben Chaabane, Tahar); Sibille, R (Sibille, Romain); Balan, L (Balan, Lavinia); Schneider, R (Schneider, Raphael)

Source: BEILSTEIN JOURNAL OF NANOTECHNOLOGY **Volume:** 6 **Pages:** 1743-1751 **DOI:** 10.3762/bjnano.6.178 **Published:** AUG 17 2015

Accession Number: WOS:000359587400001

PubMed ID: 26425426

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Balan, Lavinia	L-5866-2016	0000-0003-0144-401X
sibille, romain	B-2104-2012	0000-0001-6360-7262

ISSN: 2190-4286

Record 31 of 66

Title: Silica micro/nanospheres for theranostics: from bimodal MRI and fluorescent imaging probes to cancer therapy

Author(s): Walia, S (Walia, Shanka); Acharya, A (Acharya, Amitabha)

Source: BEILSTEIN JOURNAL OF NANOTECHNOLOGY **Volume:** 6 **Pages:** 546-558 **DOI:** 10.3762/bjnano.6.57 **Published:** FEB 24 2015

Accession Number: WOS:000350170100002

PubMed ID: 25821696

ISSN: 2190-4286

Record 32 of 66

Title: Surface modification of magnetic nanoparticles in biomedicine

Author(s): Chu, X (Chu Xin); Yu, J (Yu Jing); Hou, YL (Hou Yang-Long)

Source: CHINESE PHYSICS B **Volume:** 24 **Issue:** 1 **Article Number:** 014704 **DOI:** 10.1088/1674-1056/24/1/014704 **Published:** JAN 2015

Accession Number: WOS:000350701400046

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hou, Yanglong	B-8688-2012	0000-0003-0579-4594

ISSN: 1674-1056

eISSN: 1741-4199

Record 33 of 66

Title: Synthesis and Applications of Fe₃O₄/SiO₂ Core-Shell Materials

Author(s): Sonmez, M (Sonmez, Maria); Georgescu, M (Georgescu, Mihai); Alexandrescu, L (Alexandrescu, Laurentia); Gurau, D (Gurau, Dana); Fica, A (Fica, Anton); Fica, D (Fica, Denisa); Andronesu, E (Andronesu, Ecaterina)

Source: CURRENT PHARMACEUTICAL DESIGN **Volume:** 21 **Issue:** 37 **Pages:** 5324-5335 **DOI:** 10.2174/1381612821666150917094031 **Published:** 2015

Accession Number: WOS:000364518200004

PubMed ID: 26377652

Author Identifiers:

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Ecaterina, Andronesu		0000-0002-7325-9115
Fica, Denisa		0000-0003-1243-6904

ISSN: 1381-6128

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Record 34 of 66

Title: Assembly of near infra-red emitting upconverting nanoparticles and multiple Gd(III)-chelates as a potential bimodal contrast agent for MRI and optical imaging

Author(s): Carron, S (Carron, Sophie); Li, QY (Li, Qiang Ying); Vander Elst, L (Vander Elst, Luce); Muller, RN (Muller, Robert N.); Parac-Vogt, TN (Parac-Vogt, Tatjana N.); Capobianco, JA (Capobianco, John A.)

Source: DALTON TRANSACTIONS **Volume:** 44 **Issue:** 25 **Pages:** 11331-11339 **DOI:** 10.1039/c5dt00919g **Published:** 2015

Accession Number: WOS:000356382500013

PubMed ID: 26011519

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Parac-Vogt, Tatjana	O-7910-2018	0000-0002-6188-3957

ISSN: 1477-9226

eISSN: 1477-9234

Record 35 of 66

Title: Potential theranostic and multimodal iron oxide nanoparticles decorated with rhenium-bipyridine and -phenanthroline complexes

Author(s): Carron, S (Carron, Sophie); Bloemen, M (Bloemen, Maarten); Elst, LV (Elst, Luce Vander); Laurent, S (Laurent, Sophie); Verbiest, T (Verbiest, Thierry); Parac-Vogt, TN (Parac-Vogt, Tatjana N.)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 3 **Issue:** 21 **Pages:** 4370-4376 **DOI:** 10.1039/c5tb00460h **Published:** 2015

Accession Number: WOS:000354964300008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Verbiest, Thierry	A-4393-2019	0000-0002-0822-176X
Parac-Vogt, Tatjana	O-7910-2018	0000-0002-6188-3957

ISSN: 2050-750X

eISSN: 2050-7518

Record 36 of 66

Title: Self-organization of an optomagnetic CoFe₂O₄-ZnS nanocomposite: preparation and characterization

Author(s): Zarandi, AA (Zarandi, Ali Amiri); Alvani, AAS (Alvani, Ali A. Sabbagh); Salimi, R (Salimi, Reza); Sameie, H (Sameie, Hassan); Moosakhani, S (Moosakhani, Shima); Poelman, D (Poelman, Dirk); Rosei, F (Rosei, Federico)

Source: JOURNAL OF MATERIALS CHEMISTRY C **Volume:** 3 **Issue:** 16 **Pages:** 3935-3945 **DOI:** 10.1039/c5tc00023h **Published:** 2015

Accession Number: WOS:000352870400014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Poelman, Dirk	A-1517-2009	0000-0002-3930-172X

ISSN: 2050-7526

eISSN: 2050-7534

Record 37 of 66

Title: Guanidine-functionalized Fe₃O₄ magnetic nanoparticles as basic recyclable catalysts for biodiesel production

Author(s): Santos, ECS (Santos, Evelyn C. S.); dos Santos, TC (dos Santos, Thiago C.); Guimaraes, RB (Guimaraes, Renato B.); Ishida, L (Ishida, Lina); Freitas, RS (Freitas, Rafael S.); Ronconi, CM (Ronconi, Celia M.)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 59 **Pages:** 48031-48038 **DOI:** 10.1039/c5ra07331f **Published:** 2015

Accession Number: WOS:000355703700088

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Freitas, Rafael S	K-1034-2013	0000-0002-0225-6195
Institute of Physics, USP	H-5191-2017	
Guimaraes, Renato Bastos		0000-0002-6070-0995

ISSN: 2046-2069

Record 38 of 66

Title: Fluorescent chitosan functionalized magnetic polymeric nanoparticles: Cytotoxicity and in vitro evaluation of cellular uptake

Author(s): Kaewsaneha, C (Kaewsaneha, Chariya); Jangpatarapongsa, K (Jangpatarapongsa, Kulachart); Tangchaikereee, T (Tangchaikereee, Tienrat); Polpanich, D (Polpanich, Duangporn); Tangboriboonrat, P (Tangboriboonrat, Pramuan)

Source: JOURNAL OF BIOMATERIALS APPLICATIONS **Volume:** 29 **Issue:** 5 **Pages:** 761-768 **DOI:** 10.1177/0885328214540349 **Published:** NOV 2014

Accession Number: WOS:000342829700011

PubMed ID: 24951458

ISSN: 0885-3282

eISSN: 1530-8022

Record 39 of 66

Title: Glutathione-Coated Luminescent Gold Nanoparticles: A Surface Ligand for Minimizing Serum Protein Adsorption

Author(s): Vinluan, RD (Vinluan, Rodrigo D., III); Liu, JB (Liu, Jinbin); Zhou, C (Zhou, Chen); Yu, MX (Yu, Mengxiao); Yang, SY (Yang, Shengyang); Kumar, A (Kumar, Amit); Sun, SS (Sun, Shasha); Dean, A (Dean, Andrew); Sun, XK (Sun, Xiankai); Zheng, J (Zheng, Jie)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 6 **Issue:** 15 **Pages:** 11829-11833 **DOI:** 10.1021/am5031374 **Published:** AUG 13 2014

Accession Number: WOS:000340446300004

PubMed ID: 25029478

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Yang, Shengyang		0000-0002-8043-6423
Zhou, Chen		0000-0003-2051-6234

ISSN: 1944-8244

Record 40 of 66

Title: Study of protein coatings cross-linked via the free-radical mechanism on magnetic nanoparticles by the method of spectral and fluorescent probes

Author(s): Bychkova, AV (Bychkova, A. V.); Pronkin, PG (Pronkin, P. G.); Sorokina, ON (Sorokina, O. N.); Tatikolov, AS (Tatikolov, A. S.); Rosenfeld, MA (Rosenfeld, M. A.)

Source: COLLOID JOURNAL **Volume:** 76 **Issue:** 4 **Pages:** 387-394 **DOI:** 10.1134/S1061933X14040036 **Published:** JUL 2014

Accession Number: WOS:000339822000002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bychkova, Anna V	K-1231-2015	0000-0001-6367-0923

ISSN: 1061-933X

eISSN: 1608-3067

Record 41 of 66

Title: Core/shell nanoparticles in biomedical applications

Author(s): Chatterjee, K (Chatterjee, Krishnendu); Sarkar, S (Sarkar, Sreerupa); Rao, KJ (Rao, K. Jagajjani); Paria, S (Paria, Santanu)

Source: ADVANCES IN COLLOID AND INTERFACE SCIENCE **Volume:** 209 **Pages:** 8-39 **DOI:** 10.1016/j.cis.2013.12.008 **Published:** JUL 2014

Accession Number: WOS:000337878900002

PubMed ID: 24491963

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Paria, Santanu	N-8397-2017	0000-0002-3053-7277

Korukonda, Jagajjanani Rao
Chatterjee, Krishnendu
ISSN: 0001-8686
eISSN: 1873-3727

0000-0002-9592-7655
0000-0003-0390-2280

Record 42 of 66

Title: Multifunctional hybrid silica nanoparticles based on [Mo6Br14](2-)phosphorescent nanosized clusters, magnetic gamma-Fe2O3 and plasmonic gold nanoparticles

Author(s): Nerambourg, N (Nerambourg, Nicolas); Aubert, T (Aubert, Tangi); Neaime, C (Neaime, Chrystelle); Cordier, S (Cordier, Stephane); Mortier, M (Mortier, Michel); Patriarche, G (Patriarche, Gilles); Grasset, F (Grasset, Fabien)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 424 **Pages:** 132-140 **DOI:** 10.1016/j.jcis.2014.03.008 **Published:** JUN 15 2014

Accession Number: WOS:000335939400020

PubMed ID: 24767509

Author Identifiers:

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Aubert, Tangi	J-1979-2014	0000-0003-0905-3822
Patriarche, Gilles	J-3934-2015	
Mortier, Michel	G-4417-2015	0000-0002-1288-7468
Grasset, Fabien	A-7609-2008	0000-0002-4911-0214
Mortier, Michel	Q-4895-2019	0000-0002-1288-7468
Cordier, stephane		0000-0003-0707-3774
Patriarche, Gilles		0000-0002-3917-2470

ISSN: 0021-9797

eISSN: 1095-7103

Record 43 of 66

Title: Magnetic and optical properties of Ag@SiO2-FITC-Fe3O4 hybrid nanoparticles.

Author(s): Sui, N (Sui, Ning); Monnier, V (Monnier, Virginie); Salvia, MV (Salvia, Marie-Virginie); Chevolot, Y (Chevolot, Yann); Souteyrand, E (Souteyrand, Eliane)

Source: MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS **Volume:** 182 **Pages:** 92-95 **DOI:** 10.1016/j.mseb.2013.11.029 **Published:** MAR 2014

Accession Number: WOS:000331926100014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Monnier, Virginie	I-5680-2014	0000-0003-0080-1900
Chevolot, Yann		0000-0003-3479-3371

ISSN: 0921-5107

eISSN: 1873-4944

Record 44 of 66

Title: Biofunctionalized Gadolinium-Containing Prussian Blue Nanoparticles as Multimodal Molecular Imaging Agents

Author(s): Dumont, MF (Dumont, Matthieu F.); Hoffman, HA (Hoffman, Hilary A.); Yoon, PRS (Yoon, Priscilla R. S.); Conklin, LS (Conklin, Laurie S.); Saha, SR (Saha, Shanta R.); Paglione, J (Paglione, JohnPierre); Sze, RW (Sze, Raymond W.); Fernandes, R (Fernandes, Rohan)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 25 **Issue:** 1 **Pages:** 129-137 **DOI:** 10.1021/bc4004266 **Published:** JAN 2014

Accession Number: WOS:000330018400015

PubMed ID: 24328306

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Paglione, Johnpierre	B-4433-2018	0000-0001-7257-014X

ISSN: 1043-1802

Record 45 of 66

Title: Manganese-containing Prussian blue nanoparticles for imaging of pediatric brain tumors

Author(s): Dumont, MF (Dumont, Matthieu F.); Yadavilli, S (Yadavilli, Sridevi); Sze, RW (Sze, Raymond W.); Nazarian, J (Nazarian, Javad); Fernandes, R (Fernandes, Rohan)

Source: INTERNATIONAL JOURNAL OF NANOMEDICINE **Volume:** 9 **Pages:** 2581-2595 **DOI:** 10.2147/IJN.S63472 **Published:** 2014

Accession Number: WOS:000336441900004

PubMed ID: 24920896

Record 46 of 66**Title:** Combining Unique Properties of Dendrimers and Magnetic Nanoparticles Towards Cancer Theranostics**Author(s):** Chandra, S (Chandra, Sudeshna); Nigam, S (Nigam, Saumya); Bahadur, D (Bahadur, Dharendra)**Source:** JOURNAL OF BIOMEDICAL NANOTECHNOLOGY **Volume:** 10 **Issue:** 1 **Pages:** 32-49 **DOI:** 10.1166/jbn.2014.1698 **Published:** JAN 2014**Accession Number:** WOS:000327495400004**PubMed ID:** 24724497

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
bahadur, dharendra	H-4098-2017	0000-0002-5092-6624

ISSN: 1550-7033**eISSN:** 1550-7041**Record 47 of 66****Title:** Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties**Author(s):** Bogomolova, A (Bogomolova, Anna); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Rabyk, M (Rabyk, Maria); Turner, S (Turner, Stuart); Bals, S (Bals, Sara); Steinhart, M (Steinhart, Milos); Zhigunov, A (Zhigunov, Alexander); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)**Source:** JOURNAL OF APPLIED CRYSTALLOGRAPHY **Volume:** 46 **Pages:** 1690-1698 **DOI:** 10.1107/S0021889813027064 **Part:** 6 **Published:** DEC 2013**Accession Number:** WOS:000327070000020

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Panek, Jiri	H-7129-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Turner, Stuart	E-9219-2010	0000-0002-1073-4783
Zhigunov, Alexander	C-3924-2012	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Steinhart, Milos	H-6968-2014	
Bogomolova, Anna	O-2982-2016	
Hruby, Martin	H-6479-2014	
Rabyk, Mariia	O-4625-2015	
Bals, Sara	F-6963-2016	0000-0002-4249-8017

ISSN: 1600-5767**Record 48 of 66****Title:** Experimental research on intraocular aqueous flow by PIV method**Author(s):** Yang, HY (Yang, Hongyu); Song, HF (Song, Hongfang); Mei, X (Mei, Xi); Li, L (Li, Lin); Fu, XN (Fu, Xineng); Zhang, MD (Zhang, Mindi); Liu, ZC (Liu, Zhicheng)**Source:** BIOMEDICAL ENGINEERING ONLINE **Volume:** 12 **Article Number:** 108 **DOI:** 10.1186/1475-925X-12-108 **Published:** OCT 21 2013**Accession Number:** WOS:000326630200001**PubMed ID:** 24138704**ISSN:** 1475-925X**Record 49 of 66****Title:** Polymer-Grafted, Nonfouling, Magnetic Nanoparticles Designed to Selectively Store and Release Molecules via Ionic Interactions**Author(s):** Basuki, JS (Basuki, Johan Sebastian); Duong, HTT (Duong, Hien T. T.); Macmillan, A (Macmillan, Alexander); Whan, R (Whan, Renee); Boyer, C (Boyer, Cyrille); Davis, TP (Davis, Thomas P.)**Source:** MACROMOLECULES **Volume:** 46 **Issue:** 17 **Pages:** 7043-7054 **DOI:** 10.1021/ma401171d **Published:** SEP 10 2013**Accession Number:** WOS:000330145900040

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Davis, Thomas	B-6395-2008	0000-0003-2581-4986
Duong, Hien	N-3374-2015	0000-0003-2224-2046
Duong, Hien	C-2915-2014	
Whan, Renee		0000-0002-6664-6344

ISSN: 0024-9297**eISSN:** 1520-5835

Record 50 of 66

Title: Quantum dots incorporated magnetic nanoparticles for imaging colon carcinoma cells

Author(s): Ahmed, SR (Ahmed, Syed Rahin); Dong, JH (Dong, Jinhua); Yui, M (Yui, Megumi); Kato, T (Kato, Tatsuya); Lee, J (Lee, Jaebeom); Park, EY (Park, Enoch Y.)

Source: JOURNAL OF NANOBIO TECHNOLOGY **Volume:** 11 **Article Number:** 28 **DOI:** 10.1186/1477-3155-11-28 **Published:** AUG 17 2013

Accession Number: WOS:000323330100001

PubMed ID: 23957878

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kato, Tatsuya	E-3095-2010	0000-0001-7990-2557
Dong, Jinhua	D-2510-2015	0000-0002-7417-1932
Park, Enoch Y.		0000-0002-7840-1424
Lee, Jaebeom		0000-0002-8414-7290

ISSN: 1477-3155

Record 51 of 66

Title: Multifunctional nanocomposites with different coupling agents: synthesis, luminescent and magnetic properties

Author(s): Tong, LZ (Tong, Lizhu); Shi, JH (Shi, Jianhui); Ren, XZ (Ren, Xiaozhen); Li, QH (Li, Quanhong); Ding, H (Ding, Hong); Yang, H (Yang, Hua)

Source: JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 15 **Issue:** 5 **Article Number:** 1627 **DOI:** 10.1007/s11051-013-1627-0 **Published:** MAY 2013

Accession Number: WOS:000318555400033

ISSN: 1388-0764

eISSN: 1572-896X

Record 52 of 66

Title: Preparation of novel magnetic fluorescent nanoparticles using amino acids

Author(s): Ebrahiminezhad, A (Ebrahiminezhad, Alireza); Ghasemi, Y (Ghasemi, Younes); Rasoul-Amini, S (Rasoul-Amini, Sara); Barar, J (Barar, Jaleh); Davaran, S (Davaran, Soodabeh)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 102 **Pages:** 534-539 **DOI:** 10.1016/j.colsurfb.2012.08.046 **Published:** FEB 1 2013

Accession Number: WOS:000313301200076

PubMed ID: 23104022

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ebrahiminezhad, Alireza	O-4827-2017	0000-0002-1219-5816
Rasoul-Amini, Sara	R-7455-2017	
Ghasemi, Younes	A-3577-2010	0000-0003-4172-0672
Barar, Jaleh	O-5292-2016	0000-0002-0105-919X
Davaran, Soodabeh		0000-0002-7072-2362

ISSN: 0927-7765

eISSN: 1873-4367

Record 53 of 66

Title: Multifunctional PEGylated nanoclusters for biomedical applications

Author(s): Peng, E (Peng, Erwin); Shi, E (Shi, Eugene); Choo, G (Choo, Guang); Tan, CSH (Tan, Cherie Shi Hua); Tang, XS (Tang, Xiaosheng); Sheng, Y (Sheng, Yang); Xue, JM (Xue, Junmin)

Source: NANOSCALE **Volume:** 5 **Issue:** 13 **Pages:** 5994-6005 **DOI:** 10.1039/c3nr00774j **Published:** 2013

Accession Number: WOS:000320398300042

PubMed ID: 23712590

ISSN: 2040-3364

Record 54 of 66

Title: Preparation, characterization, and utilization of multifunctional magnetic-fluorescent composites for bio-imaging and magnetic hyperthermia therapy

Author(s): Rittikulsittichai, S (Rittikulsittichai, Supparesk); Singhana, B (Singhana, Burapol); Bryan, WW (Bryan, William W.); Sarangi, S (Sarangi, Subhasis); Jamison, AC (Jamison, Andrew C.); Brazdeikis, A (Brazdeikis, Audrius); Lee, TR (Lee, T. Randall)

Source: RSC ADVANCES **Volume:** 3 **Issue:** 21 **Pages:** 7838-7849 **DOI:** 10.1039/c3ra41002a **Published:** 2013

Accession Number: WOS:000318634000030

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brazdeikis, Audrius	H-3837-2015	0000-0001-9536-1586
Lee, T. Randall		0000-0001-9584-8861

ISSN: 2046-2069

Record 55 of 66

Title: Multifunctional nanoparticles for rapid bacterial capture, detection, and decontamination

Author(s): Chen, LY (Chen, Longyan); Razavi, FS (Razavi, Fereidoon S.); Mumin, A (Mumin, Abdul); Guo, XX (Guo, Xiaoxuan); Sham, TK (Sham, Tsun-Kong); Zhang, J (Zhang, Jin)

Source: RSC ADVANCES **Volume:** 3 **Issue:** 7 **Pages:** 2390-2397 **DOI:** 10.1039/c2ra22286h **Published:** 2013

Accession Number: WOS:000313812400042

ISSN: 2046-2069

Record 56 of 66

Title: Automated Fluorescence and Reflectance Coregistered 3-D Tissue Imaging System

Author(s): Shen, ZL (Shen, Zhaolong); Nacev, A (Nacev, Alek); Sarwar, A (Sarwar, Azeem); Lee, R (Lee, Roger); Depireux, D (Depireux, Didier); Shapiro, B (Shapiro, Benjamin)

Source: IEEE TRANSACTIONS ON MAGNETICS **Volume:** 49 **Issue:** 1 **Pages:** 279-284 **DOI:** 10.1109/TMAG.2012.2222360 **Part:** 2 **Published:** JAN 2013

Accession Number: WOS:000312831500022

Conference Title: 9th International Conference on the Scientific and Clinical Applications of Magnetic Carriers

Conference Date: MAY 22-26, 2012

Conference Location: Minneapolis, MN

ISSN: 0018-9464

eISSN: 1941-0069

Record 57 of 66

Title: Magnetic nanoparticles as new diagnostic tools in medicine

Author(s): Niemirowicz, K (Niemirowicz, K.); Markiewicz, KH (Markiewicz, K. H.); Wilczewska, AZ (Wilczewska, A. Z.); Car, H (Car, H.)

Source: ADVANCES IN MEDICAL SCIENCES **Volume:** 57 **Issue:** 2 **Pages:** 196-207 **DOI:** 10.2478/v10039-012-0031-9 **Published:** DEC 2012

Accession Number: WOS:000318562000003

PubMed ID: 23154427

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
WILCZEWSKA, AGNIESZKA	J-4423-2013	
Niemirowicz, Katarzyna	T-5011-2018	0000-0002-3311-7147
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Wilczewska, Agnieszka		0000-0001-8587-6711
Car, Halina		0000-0002-4926-3405

ISSN: 1896-1126

eISSN: 1898-4002

Record 58 of 66

Title: Fluorescent Superparamagnetic Iron Oxide Core-Shell Nanoprobes for Multimodal Cellular Imaging

Author(s): Smitha, S (Smitha, Sasidharan); Haseena, VS (Haseena, Vadakkenchery S.); Narayanan, TN (Narayanan, Tharangattu N.); Mary, APR (Mary, Antony P. Reena); Ajayan, PM (Ajayan, Pulickel M.); Puthumana, J (Puthumana, Jayesh); Aziz, AA (Aziz, Anas A.); Aburto, RR (Aburto, Rebeca R.); Mani, SA (Mani, Sendurai A.); Joy, PA (Joy, Pattayil A.); Anantharaman, MR (Anantharaman, Maliemadom R.)

Source: MATERIALS EXPRESS **Volume:** 2 **Issue:** 4 **Pages:** 265-274 **DOI:** 10.1166/mex.2012.1083 **Published:** DEC 2012

Accession Number: WOS:000312111500001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Joy, Pattayil	A-3337-2009	0000-0003-2125-0976
Mani, Sendurai	A-7244-2009	0000-0002-5918-4276

ISSN: 2158-5849

eISSN: 2158-5857

Record 59 of 66

Title: Controllable synthesis of Gd₂O(CO₃)(2)center dot H₂O@silica-FITC nanoparticles with size-dependent optical and magnetic resonance imaging properties

Author(s): Zhou, LJ (Zhou, Liangjun); Yin, WY (Yin, Wenyan); Ren, WL (Ren, Wenlu); Gu, ZJ (Gu, Zhanjun); Li, W (Li, Wei); Jin, S (Jin, Shan); Yan, L (Yan, Liang); Tian, G (Tian, Gan); Hu, ZB (Hu, Zhongbo); Zhao, YL (Zhao, Yuliang)

Source: NEW JOURNAL OF CHEMISTRY **Volume:** 36 **Issue:** 12 **Pages:** 2599-2606 **DOI:** 10.1039/c2nj40431a **Published:** DEC 2012

Accession Number: WOS:000311971400024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tian, Gan	O-1031-2014	0000-0001-5754-3418
Gu, Zhanjun	A-7592-2013	0000-0003-3717-2423
Yan, Liang		0000-0003-2925-5544

ISSN: 1144-0546

Record 60 of 66

Title: Characterization of fluorescent poly(isobutylcyanoacrylate) nanoparticles obtained by copolymerization of a fluorescent probe during Redox Radical Emulsion Polymerization (RREP)

Author(s): Zandanel, C (Zandanel, Christelle); Vauthier, C (Vauthier, Christine)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS **Volume:** 82 **Issue:** 1 **Pages:** 66-75 **DOI:** 10.1016/j.ejpb.2012.05.002 **Published:** SEP 2012

Accession Number: WOS:000309627200008

PubMed ID: 22634238

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vauthier, Christine		0000-0003-3963-0045

ISSN: 0939-6411

eISSN: 1873-3441

Record 61 of 66

Title: Synthesis and characterization of multifunctional Fe₃O₄/poly(fluorescein O-methacrylate) core/shell nanoparticles

Author(s): Govindaiah, P (Govindaiah, Patakamuri); Hwang, T (Hwang, Taewon); Yoo, H (Yoo, Hyunhee); Kim, YS (Kim, Yong Seok); Lee, SJ (Lee, Sun Jong); Choi, SW (Choi, Sung Wook); Kim, JH (Kim, Jung Hyun)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 379 **Pages:** 27-32 **DOI:** 10.1016/j.jcis.2012.04.055 **Published:** AUG 1 2012

Accession Number: WOS:000305592000005

PubMed ID: 22613627

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kim, Jung Hyun	G-8061-2012	
Kim, Yongsuk	S-8372-2016	
Patakamuri, Govindaiah	E-1692-2011	

ISSN: 0021-9797

Record 62 of 66

Title: Immobilization of fluorescein isothiocyanate on magnetic polymeric nanoparticle using chitosan as spacer

Author(s): Kaewsaneha, C (Kaewsaneha, Chariya); Opaprakasit, P (Opaprakasit, Pakorn); Polpanich, D (Polpanich, Duangporn); Smanmoo, S (Smanmoo, Srung); Tangboriboonrat, P (Tangboriboonrat, Pramuan)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 377 **Pages:** 145-152 **DOI:** 10.1016/j.jcis.2012.03.008 **Published:** JUL 1 2012

Accession Number: WOS:000304432400020

PubMed ID: 22487227

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Polpanich, Duangporn	F-5201-2012	

ISSN: 0021-9797

Record 63 of 66

Title: Selected-Control Fabrication of Multifunctional Fluorescent-Magnetic Core-Shell and Yolk-Shell Hybrid Nanostructures

Author(s): Liu, HY (Liu, Haiyan); Wang, TT (Wang, Tingting); Zhang, LY (Zhang, Lingyu); Li, L (Li, Lu); Wang, YA (Wang, Y. Andrew); Wang, CG (Wang, Chungang); Su, ZM (Su, Zhongmin)

Source: CHEMISTRY-A EUROPEAN JOURNAL **Volume:** 18 **Issue:** 12 **Pages:** 3745-3752 **DOI:** 10.1002/chem.201103066 **Published:** MAR 2012

Accession Number: WOS:000301444900035

PubMed ID: 22328547

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Su, Zhong-Min	H-4734-2011	0000-0002-3342-1966

ISSN: 0947-6539

Record 64 of 66

Title: Surface modification of magnetic nanoparticles for stem cell labeling

Author(s): Neoh, KG (Neoh, Koon Gee); Kang, ET (Kang, En Tang)

Source: SOFT MATTER **Volume:** 8 **Issue:** 7 **Pages:** 2057-2069 **DOI:** 10.1039/c1sm06846f **Published:** 2012

Accession Number: WOS:000299477300001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kang, En-Tang	G-8522-2012	0000-0003-0599-7834
Neoh, KG	I-2912-2013	0000-0002-2700-1914

ISSN: 1744-683X

Record 65 of 66

Title: Peroxidase mimic activity of hematite iron oxides (α -Fe₂O₃) with different nanostructures

Author(s): Chaudhari, KN (Chaudhari, Kiran N.); Chaudhari, NK (Chaudhari, Nitin K.); Yu, JS (Yu, Jong-Sung)

Source: CATALYSIS SCIENCE & TECHNOLOGY **Volume:** 2 **Issue:** 1 **Pages:** 119-124 **DOI:** 10.1039/c1cy00124h **Published:** 2012

Accession Number: WOS:000299011200015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chaudhari, Dr. Nitin	C-5428-2016	0000-0002-8324-577X

Nanozymes, Nanozymes D-8197-2019

ISSN: 2044-4753

Record 66 of 66

Title: Fluorescent-magnetic poly(poly(ethyleneglycol)monomethacrylate)-grafted Fe₃O₄ nanoparticles from post-atom-transfer-radical-polymerization modification: synthesis, characterization, cellular uptake and imaging

Author(s): Lu, XM (Lu, Xiaomei); Jiang, RC (Jiang, Rongcui); Fan, QL (Fan, Quli); Zhang, L (Zhang, Lei); Zhang, HM (Zhang, Hongmin); Yang, MH (Yang, Minhua); Ma, YW (Ma, Yanwen); Wang, LH (Wang, Lianhui); Huang, W (Huang, Wei)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 22 **Issue:** 14 **Pages:** 6965-6973 **DOI:** 10.1039/c2jm15768c **Published:** 2012

Accession Number: WOS:000301459500063

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Lianhui	D-6826-2016	
Fan, Quli	A-9800-2011	0000-0002-9387-0165
Ma, Yanwen	G-3095-2013	0000-0002-0043-1156
Huang, Wei	A-4461-2009	0000-0001-7004-6408
Zhang, Lei	G-5123-2010	0000-0002-0045-2539

ISSN: 0959-9428

Publication No 5 of 132

Title: Polyoxazoline Thermoresponsive Micelles as Radionuclide Delivery Systems

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Panek, J (Panek, Jiri); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Kucka, J (Kucka, Jan); Vetvicka, D (Vetvicka, David); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 10 **Issue:** 8 **Pages:** 916-924 **DOI:** 10.1002/mabi.201000034 **Published:** AUG 11 2010

Accession Number: WOS:000281387900011

PubMed ID: 20491128

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Panek, Jiri	H-7129-2014	
Ulbrich, Karel	G-5145-2014	
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Vetvicka, David	O-2384-2017	0000-0002-6098-1213

ISSN: 1616-5187

Record 1 of 62

Title: Thermoresponsive hydrogels formed by poly(2-oxazoline) triblock copolymers

Author(s): Monnery, BD (Monnery, Bryn D.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 10 **Issue:** 25 **Pages:** 3480-3487 **DOI:** 10.1039/c9py00300b **Published:** JUL 7 2019

Accession Number: WOS:000472775800004

ISSN: 1759-9954

eISSN: 1759-9962

Record 2 of 62

Title: Unexpected Reactivity Switch in the Statistical Copolymerization of 2-Oxazolines and 2-Oxazines Enabling the One-Step Synthesis of Amphiphilic Gradient Copolymers

Author(s): Sedlacek, O (Sedlacek, Ondrej); Lava, K (Lava, Kathleen); Verbraeken, B (Verbraeken, Bart); Kasmi, S (Kasmi, Sabah); De Geest, BG (De Geest, Bruno G.); Hoogenboom, R (Hoogenboom, Richard)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY **Volume:** 141 **Issue:** 24 **Pages:** 9617-9622 **DOI:** 10.1021/jacs.9b02607 **Published:** JUN 19 2019

Accession Number: WOS:000471835600031

PubMed ID: 31136165

ISSN: 0002-7863

Record 3 of 62

Title: Use of Bis(pyrrolidone)-Based Dicarboxylic Acids in Poly(ester-amide)-Based Thermosets: Synthesis, Characterization, and Potential Route for Their Chemical Recycling

Author(s): Roy, M (Roy, Manta); Wilsens, CHRM (Wilsens, Carolus H. R. M.); Leone, N (Leone, Nils); Rastogi, S (Rastogi, Sanjay)

Source: ACS SUSTAINABLE CHEMISTRY & ENGINEERING **Volume:** 7 **Issue:** 9 **Pages:** 8842-8852 **DOI:** 10.1021/acssuschemeng.9b00850 **Published:** MAY 6 2019

Accession Number: WOS:000467351200088

ISSN: 2168-0485

Record 4 of 62

Title: Hybrid kappa-carrageenan-based polymers showing "schizophrenic" lower and upper critical solution temperatures and potassium responsiveness

Author(s): Loukotova, L (Loukotova, L.); Bogomolova, A (Bogomolova, A.); Konefal, R (Konefal, R.); Spirkova, M (Spirkova, M.); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: CARBOHYDRATE POLYMERS **Volume:** 210 **Pages:** 26-37 **DOI:** 10.1016/j.carbpol.2019.01.050 **Published:** APR 15 2019

Accession Number: WOS:000457707300004

PubMed ID: 30732762

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Loukotova, Lenka	K-3599-2017	
Bogomolova, Anna	O-2982-2016	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Spirkova, Milena	H-4609-2014	

ISSN: 0144-8617

eISSN: 1879-1344

Record 5 of 62

Title: Poly(2-oxazoline)-Containing Triblock Copolymers: Synthesis and Applications

Author(s): Sahn, M (Sahn, Martin); Weber, C (Weber, Christine); Schubert, US (Schubert, Ulrich S.)

Source: POLYMER REVIEWS **Volume:** 59 **Issue:** 2 **Pages:** 240-279 **DOI:** 10.1080/15583724.2018.1496930 **Published:** APR 3 2019

Accession Number: WOS:000466438000002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

ISSN: 1558-3724

eISSN: 1558-3716

Record 6 of 62

Title: Interpolymer complexes of carbopol (R) 971 and poly(2-ethyl-2-oxazoline): Physicochemical studies of complexation and formulations for oral drug delivery

Author(s): Moustafine, RI (Moustafine, Rouslan, I); Viktorova, AS (Viktorova, Anastasiya S.); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 558 **Pages:** 53-62 **DOI:** 10.1016/j.ijpharm.2019.01.002 **Published:** MAR 10 2019

Accession Number: WOS:000458368800006

PubMed ID: 30634031

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Khutoryanskiy, Vitaliy D	-3712-2012	0000-0002-7221-2630

ISSN: 0378-5173

eISSN: 1873-3476

Record 7 of 62

Title: Thermoresponsive behavior of poly(3-methylene-2-pyrrolidone) derivatives

Author(s): Heyns, IM (Heyns, Ingrid M.); Pfukwa, R (Pfukwa, Rueben); Bertossi, L (Bertossi, Luca); Ball, LE (Ball, Lauren E.); Kelland, MA (Kelland, Malcolm A.); Klumperman, B (Klumperman, Bert)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 112 **Pages:** 714-721 **DOI:** 10.1016/j.eurpolymj.2018.10.040 **Published:** MAR 2019

Accession Number: WOS:000461001700078

ISSN: 0014-3057

eISSN: 1873-1945

Record 8 of 62

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0968-5243

eISSN: 1352-8661

Record 9 of 62

Title: Hybrid thermoresponsive graft constructs of fungal polysaccharide beta-glucan: Physico-chemical and immunomodulatory properties

Author(s): Loukotova, L (Loukotova, L.); Konefal, R (Konefal, R.); Venclikova, K (Venclikova, K.); Machova, D (Machova, D.); Janouskova, O (Janouskova, O.); Rabyk, M (Rabyk, M.); Netopilik, M (Netopilik, M.); Chanova, EM (Chanova, E. Mazl); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 106 **Pages:** 118-127 **DOI:** 10.1016/j.eurpolymj.2018.07.004 **Published:** SEP 2018

Accession Number: WOS:000445993400014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

Loukotova, Lenka	K-3599-2017	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Rabyk, Mariia	O-4625-2015	
Netopilik, Milos	G-5222-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Mazl Chanova, Eliska	H-6751-2014	0000-0003-0240-1206

ISSN: 0014-3057

eISSN: 1873-1945

Record 10 of 62

Title: Enhanced Delivery of Radiolabeled Polyoxazoline into Tumors via Self-Aggregation under Hyperthermic Conditions

Author(s): Sano, K (Sano, Kohei); Kanada, Y (Kanada, Yuko); Takahashi, K (Takahashi, Katsushi); Ding, N (Ding, Ning); Kanazaki, K (Kanazaki, Kengo); Mukai, T (Mukai, Takahiro); Ono, M (Ono, Masahiro); Saji, H (Saji, Hideo)

Source: MOLECULAR PHARMACEUTICS **Volume:** 15 **Issue:** 9 **Pages:** 3997-4003 **DOI:** 10.1021/acs.molpharmaceut.8b00441 **Published:** SEP 2018

Accession Number: WOS:000443923800039

PubMed ID: 30036483

ISSN: 1543-8384

Record 11 of 62

Title: Investigation of drug release modulation from poly(2-oxazoline) micelles through ultrasound

Author(s): Salgarella, AR (Salgarella, Alice Rita); Zahoranova, A (Zahoranova, Anna); Sramkova, P (Sramkova, Petra); Majercikova, M (Majercikova, Monika); Pavlova, E (Pavlova, Ewa); Luxenhofer, R (Luxenhofer, Robert); Kronek, J (Kronek, Juraj); Lacik, I (Lacik, Igor); Ricotti, L (Ricotti, Leonardo)

Source: SCIENTIFIC REPORTS **Volume:** 8 **Article Number:** 9893 **DOI:** 10.1038/s41598-018-28140-3 **Published:** JUL 2 2018

Accession Number: WOS:000436953900002

PubMed ID: 29967422

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Ricotti, Leonardo		0000-0001-8797-3742
Salgarella, Alice Rita		0000-0003-2122-6028

ISSN: 2045-2322

Record 12 of 62

Title: Thermoresponsive poly(2-oxazoline) homopolymers and copolymers in aqueous solutions studied by NMR spectroscopy and dynamic light scattering

Author(s): Konefal, R (Konefal, Rafal); Spevacek, J (Spevacek, Jiri); Cernoch, P (Cernoch, Peter)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 100 **Pages:** 241-252 **DOI:** 10.1016/j.eurpolymj.2018.01.019 **Published:** MAR 2018

Accession Number: WOS:000429760600028

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Spevacek, Jiri	H-2076-2014	0000-0002-1455-3488

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eISSN: 1873-1945

Record 13 of 62

Title: Stimuli-Responsive Cationic Hydrogels in Drug Delivery Applications

Author(s): Deen, GR (Deen, G. Roshan); Loh, XJ (Loh, Xian Jun)

Source: GELS **Volume:** 4 **Issue:** 1 **Article Number:** 13 **DOI:** 10.3390/gels4010013 **Published:** MAR 2018

Accession Number: WOS:000461123600012

PubMed ID: 30674789

eISSN: 2310-2861

Record 14 of 62

Title: Structural characterization of nanoparticles formed by fluorinated poly(2-oxazoline)-based polyphiles

Author(s): Riabtseva, A (Riabtseva, Anna); Kaberov, LI (Kaberov, Leonid I.); Noirez, L (Noirez, Laurence); Ryukhtin, V (Ryukhtin, Vasy); Nardin, C (Nardin, Corinne); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 99 **Pages:** 518-527 **DOI:** 10.1016/j.eurpolymj.2018.01.007 **Published:** FEB 2018

Accession Number: WOS:000427338100054

Author Identifiers:

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Ryukhtin, Vasy	J-5791-2012	0000-0003-0535-5719

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Record 15 of 62

Title: Brachytherapy with Intratumoral Injections of Radiometal-Labeled Polymers That Thermoresponsively Self-Aggregate in Tumor Tissues

Author(s): Sano, K (Sano, Kohei); Kanada, Y (Kanada, Yuko); Kanazaki, K (Kanazaki, Kengo); Ding, N (Ding, Ning); Ono, M (Ono, Masahiro); Saji, H (Saji, Hideo)

Source: JOURNAL OF NUCLEAR MEDICINE **Volume:** 58 **Issue:** 9 **Pages:** 1380-1385 **DOI:** 10.2967/jnumed.117.189993 **Published:** SEP 2017

Accession Number: WOS:000408907200010

PubMed ID: 28408533

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eISSN: 1535-5667

Record 16 of 62

Title: Poly(2-oxazoline) block copolymer nanoparticles for curcumin loading and delivery to cancer cells

Author(s): Raveendran, R (Raveendran, Radhika); Mullen, KM (Mullen, Kathleen M.); Wellard, RM (Wellard, R. Mark); Sharma, CP (Sharma, Chandra P.); Hoogenboom, R (Hoogenboom, Richard); Dargaville, TR (Dargaville, Tim R.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 93 **Pages:** 682-694 **DOI:** 10.1016/j.eurpolymj.2017.02.043 **Published:** AUG 2017

Accession Number: WOS:000407186200060

Conference Title: 3rd International Conference on Bio-Based Polymers and Composites (BiPoCo)

Conference Date: AUG 28-SEP 01, 2016

Conference Location: Szeged, HUNGARY

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Sharma, Chandra	A-4140-2009	0000-0002-6982-0926

ISSN: 0014-3057

eISSN: 1873-1945

Record 17 of 62

Title: Synthesis and solution properties of a temperature-responsive PNIPAM-b-PDMS-b-PNIPAM triblock copolymer

Author(s): Cook, MT (Cook, Michael T.); Filippov, SK (Filippov, Sergey K.); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 295 **Issue:** 8 **Pages:** 1351-1358 **DOI:** 10.1007/s00396-017-4084-y **Published:** AUG 2017

Accession Number: WOS:000406174700010

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Author	Web of Science ResearcherID	ORCID Number
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
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Cook, Michael		0000-0002-0772-682X

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eISSN: 1435-1536

Record 18 of 62

Title: ABA and BAB Triblock Copolymers Based on 2-Methyl-2-oxazoline and 2-n-Propyl-2-oxazoline: Synthesis and Thermoresponsive Behavior in Water

Author(s): Zahoranova, A (Zahoranova, Anna); Mrlik, M (Mrlik, Miroslav); Tomanova, K (Tomanova, Katarina); Kronek, J (Kronek, Juraj); Luxenhofer, R (Luxenhofer, Robert)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 218 **Issue:** 13 **Article Number:** 1700031 **DOI:** 10.1002/macp.201700031 **Published:** JUL 2017

Accession Number: WOS:000404903000011

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Mrlik, Miroslav		0000-0001-6203-6795

ISSN: 1022-1352

eISSN: 1521-3935

Record 19 of 62

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hraby, M (Hraby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

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Nadar, Robin	E-1828-2016	
Hraby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 20 of 62

Title: Amphiphilic poly(2-oxazoline) copolymers as self-assembled carriers for drug delivery applications

Author(s): Vlasi, E (Vlasi, Eleni); Papagiannopoulos, A (Papagiannopoulos, Aristeidis); Pispas, S (Pispas, Stergios)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 516-523 **DOI:** 10.1016/j.eurpolymj.2016.10.034 **Published:** MAR 2017

Accession Number: WOS:000396952500042

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eISSN: 1873-1945

Record 21 of 62

Title: Poly(2-oxazoline)-based micro- and nanoparticles: A review

Author(s): Wilson, P (Wilson, Paul); Ke, PC (Ke, Pu Chun); Davis, TP (Davis, Thomas P.); Kempe, K (Kempe, Kristian)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 486-515 **DOI:** 10.1016/j.eurpolymj.2016.09.011 **Published:** MAR 2017

Accession Number: WOS:000396952500041

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Davis, Thomas	B-6395-2008	0000-0003-2581-4986

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eISSN: 1873-1945

Record 22 of 62

Title: Temperature- and pH-dependent aggregation behavior of hydrophilic dual-sensitive poly(2-oxazoline)s block copolymers as latent amphiphilic macromolecules

Author(s): Zschoche, S (Zschoche, Stefan); Rueda, JC (Rueda, Juan Carlos); Sinner, M (Sinner, Marcus); Komber, H (Komber, Hartmut);

Janke, A (Janke, Andreas); Appelhans, D (Appelhans, Dietmar); Voit, B (Voit, Brigitte)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 623-635 **DOI:** 10.1016/j.eurpolymj.2016.11.014 **Published:** MAR 2017

Accession Number: WOS:000396952500051

Author Identifiers:

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Umlauf, Ursula	D-3356-2014	

ISSN: 0014-3057

eISSN: 1873-1945

Record 23 of 62

Title: Thermoresponsive poly(2-oxazoline)s, polypeptoids, and polypeptides

Author(s): Hoogenboom, R (Hoogenboom, Richard); Schlaad, H (Schlaad, Helmut)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 1 **Pages:** 24-40 **DOI:** 10.1039/c6py01320a **Published:** JAN 7 2017

Accession Number: WOS:000391732800003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 1759-9954

eISSN: 1759-9962

Record 24 of 62

Title: Behavior of aqueous solutions of polymer star with block copolymer poly(2-ethyl-2-oxazoline) and poly(2-isopropyl-2-oxazoline) arms

Author(s): Smirnova, AV (Smirnova, A. V.); Kirila, TU (Kirila, T. U.); Kurlykin, MP (Kurlykin, M. P.); Tenkovtsev, AV (Tenkovtsev, A. V.); Filippov, AP (Filippov, A. P.)

Source: INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION **Volume:** 22 **Issue:** 8 **Pages:** 677-684 **DOI:** 10.1080/1023666X.2017.1366196 **Published:** 2017

Accession Number: WOS:000415907100003

Author Identifiers:

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Filippov, Alexander	A-9157-2013	
Kirila, Tatyana		0000-0002-6198-8599

ISSN: 1023-666X

eISSN: 1563-5341

Record 25 of 62

Title: Double stimuli-responsive polymer systems: How to use crosstalk between pH- and thermosensitivity for drug depots

Author(s): Bogomolova, A (Bogomolova, A.); Kabarov, L (Kabarov, L.); Sedlacek, O (Sedlacek, O.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.); Kral, V (Kral, V.); Wang, XY (Wang, X. Y.); Liu, SL (Liu, S. L.); Ye, XD (Ye, X. D.); Hruby, M (Hruby, M.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 84 **Pages:** 54-64 **DOI:** 10.1016/j.eurpolymj.2016.09.010 **Published:** NOV 2016

Accession Number: WOS:000390181800005

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Hruby, Martin	H-6479-2014	
Ye, Xiaodong	A-6983-2010	0000-0003-2143-1726
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kral, Vladimir	I-9518-2017	0000-0001-5034-4184
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

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eISSN: 1873-1945

Record 26 of 62

Title: Time dependence of the aggregation of star-shaped poly(2-isopropyl-2-oxazolines) in aqueous solutions

Author(s): Amirova, A (Amirova, Alina); Rodchenko, S (Rodchenko, Serafim); Filippov, A (Filippov, Alexander)

Source: JOURNAL OF POLYMER RESEARCH **Volume:** 23 **Issue:** 11 **Article Number:** 221 **DOI:** 10.1007/s10965-016-1112-4 **Published:** OCT 3 2016

Accession Number: WOS:000411274700001

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Record 27 of 62

Title: The effect of arm number and solution concentration on phase separation of thermosensitive poly(2-isopropyl-2-oxazoline) stars in aqueous solutions

Author(s): Amirova, AI (Amirova, Alina I.); Golub, OV (Golub, Olga V.); Kirila, TU (Kirila, Tatyana U.); Razina, AB (Razina, Alla B.); Tenkovtsev, AV (Tenkovtsev, Andrey V.); Filippov, AP (Filippov, Alexander P.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 294 **Issue:** 6 **Pages:** 947-956 **DOI:** 10.1007/s00396-016-3853-3 **Published:** JUN 2016

Accession Number: WOS:000376281200001

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Filippov, Alexander	A-9157-2013	
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Record 28 of 62

Title: Internal Nanoparticle Structure of Temperature-Responsive Self-Assembled PNIPAM-b-PEG-b-PNIPAM Triblock Copolymers in Aqueous Solutions: NMR, SANS, and Light Scattering Studies

Author(s): Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Kabarov, L (Kabarov, Leonid); Velychkivska, N (Velychkivska, Nadiia); Starovoytova, L (Starovoytova, Larisa); Cernochova, Z (Cernochova, Zulfiya); Rogers, SE (Rogers, Sarah E.); Lau, WM (Lau, Wing Man); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.); Cook, MT (Cook, Michael T.)

Source: LANGMUIR **Volume:** 32 **Issue:** 21 **Pages:** 5314-5323 **DOI:** 10.1021/acs.langmuir.6b00284 **Published:** MAY 31 2016

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PubMed ID: 27159129

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Velychkivska, Nadiia	N-6642-2015	
Bogomolova, Anna	O-2982-2016	
Starovoytova, Larisa	E-3931-2012	
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Cernochova, Zulfiya	H-6730-2014	
Cook, Michael		0000-0002-0772-682X

ISSN: 0743-7463

Record 29 of 62

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408
eISSN: 1802-9973

Record 30 of 62

Title: Thermoresponsive gels based on ABC triblock copolymers: effect of the length of the PEG side group

Author(s): Constantinou, AP (Constantinou, A. P.); Georgiou, TK (Georgiou, T. K.)

Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 11 **Pages:** 2045-2056 **DOI:** 10.1039/c5py02072g **Published:** 2016

Accession Number: WOS:000372249400005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Constantinou, Anna P.	J-3795-2018	

ISSN: 1759-9954
eISSN: 1759-9962

Record 31 of 62

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

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Hruby, Martin	H-6479-2014	

ISSN: 0862-8408
eISSN: 1802-9973

Record 32 of 62

Title: Preparation and Characterization of Drug Forms of Bee Propolis

Author(s): Trousil, J (Trousil, Jiri); Hruby, M (Hruby, Martin); Slouf, M (Slouf, Miroslav); Stepanek, P (Stepanek, Petr)

Source: CHEMICKE LISTY **Volume:** 109 **Issue:** 10 **Pages:** 784-787 **Published:** OCT 2015

Accession Number: WOS:000366105900008

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247

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eISSN: 1213-7103

Record 33 of 62

Title: Design of Electrophoretic and Biocompatible Poly(2-oxazoline)s Initiated by Perfluoroalkanesulfoneimides and Electrophoretic Deposition with Bioactive Glass

Author(s): Hayashi, T (Hayashi, Terunari); Takasu, A (Takasu, Akinori)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 4 **Pages:** 1259-1266 **DOI:** 10.1021/acs.biomac.5b00043 **Published:** APR 2015

Accession Number: WOS:000353006000020

PubMed ID: 25738739

ISSN: 1525-7797
eISSN: 1526-4602

Record 34 of 62

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

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Record 35 of 62

Title: Novel thermo-responsive double-hydrophilic and hydrophobic MPEO-b-PETox-b-PCL triblock terpolymers: Synthesis, characterization and self-assembly studies

Author(s): Petrova, S (Petrova, Svetlana); Venturini, CG (Venturini, Cristina Garcia); Jager, A (Jaeger, Alessandro); Jager, E (Jager, Eliezer); Cernoch, P (Cernoch, Peter); Kereiche, S (Kereiche, Sami); Kovacik, L (Kovacik, Lubomir); Raska, I (Raska, Ivan); Stepanek, P (Stepanek, Petr)

Source: POLYMER **Volume:** 59 **Pages:** 215-225 **DOI:** 10.1016/j.polymer.2015.01.009 **Published:** FEB 24 2015

Accession Number: WOS:000350618000025

Author Identifiers:

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Jager, Eliezer	D-8924-2016	
Raska, Ivan	H-2326-2017	0000-0002-2583-5595
Jager, Alessandro	D-8647-2016	
Cernoch, Peter	H-6988-2014	

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eISSN: 1873-2291

Record 36 of 62

Title: Supramolecular self-assembly of novel thermo-responsive double-hydrophilic and hydrophobic Y-shaped [MPEO-b-PETox-b-(PCL)(2)] terpolymers

Author(s): Petrova, S (Petrova, S.); Venturini, CG (Venturini, C. G.); Jager, A (Jaeger, A.); Jager, E (Jaeger, E.); Hruby, M (Hruby, M.); Pavlova, E (Pavlova, E.); Stepanek, P (Stepanek, P.)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 77 **Pages:** 62844-62854 **DOI:** 10.1039/c5ra08298f **Published:** 2015

Accession Number: WOS:000358620100063

Author Identifiers:

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Petrova, Svetlana	H-3384-2014	0000-0001-7364-4737
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Jager, Eliezer	D-8924-2016	
Petrova, Svetlana	S-9341-2018	0000-0003-1516-1002

ISSN: 2046-2069

Record 37 of 62

Title: Self-assembly of star-shaped poly(2-isopropyl-2-oxazoline) in aqueous solutions

Author(s): Amirova, AI (Amirova, Alina I.); Dudkina, MM (Dudkina, Marina M.); Tenkovtsev, AV (Tenkovtsev, Andrey V.); Filippov, AP (Filippov, Alexander P.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 293 **Issue:** 1 **Pages:** 239-248 **DOI:** 10.1007/s00396-014-3402-x **Published:** JAN 2015

Accession Number: WOS:000347696100021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Filippov, Alexander	A-9157-2013	
Amirova, Alina I.	A-7009-2014	0000-0001-6391-1467
Tenkovtsev, Andrey V.	L-9868-2015	0000-0002-3467-2740
Dudkina, Marina	U-4412-2018	

ISSN: 0303-402X

eISSN: 1435-1536

Record 38 of 62

Title: Compartmentalization in Hybrid Metallocarborane Nanoparticles Formed by Block Copolymers with Star-Like Architecture

Author(s): Dordovic, V (Dordovic, Vladimir); Uchman, M (Uchman, Mariusz); Zhigunov, A (Zhigunov, Alexander); Nykanen, A (Nykanen, Antti); Ruokolainen, J (Ruokolainen, Janne); Matejcek, P (Matejcek, Pavel)

Source: ACS MACRO LETTERS **Volume:** 3 **Issue:** 11 **Pages:** 1151-1155 **DOI:** 10.1021/mz5004757 **Published:** NOV 2014

Accession Number: WOS:000345264800011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhigunov, Alexander	C-3924-2012	
Matejcek, Pavel	M-6582-2017	0000-0001-5482-3465
Nykanen, Antti	F-6941-2010	0000-0003-4989-2911
Dordovic, Vladimir	G-2385-2017	0000-0002-1794-4185
Ruokolainen, Janne	F-6369-2010	

ISSN: 2161-1653

Record 39 of 62

Title: Agile delivery of protein therapeutics to CNS

Author(s): Yi, X (Yi, Xiang); Manickam, DS (Manickam, Devika S.); Brynsikh, A (Brynsikh, Anna); Kabanov, AV (Kabanov, Alexander V.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 190 **Special Issue:** SI **Pages:** 637-663 **DOI:** 10.1016/j.jconrel.2014.06.017 **Published:** SEP 28 2014

Accession Number: WOS:000345910900041

PubMed ID: 24956489

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kabanov, Alexander	N-3356-2013	0000-0002-3665-946X

ISSN: 0168-3659

eISSN: 1873-4995

Record 40 of 62

Title: Study of Complex Thermosensitive Amphiphilic Polyoxazolines and Their Interaction with Ionic Surfactants. Are Hydrophobic, Thermosensitive, and Hydrophilic Moieties Equally Important?

Author(s): Bogomolova, A (Bogomolova, Anna); Filippov, SK (Filippov, Sergey K.); Starovoytova, L (Starovoytova, Larisa); Angelov, B (Angelov, Borislav); Konarev, P (Konarev, Petr); Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 118 **Issue:** 18 **Pages:** 4940-4950 **DOI:** 10.1021/jp5011296 **Published:** MAY 8 2014

Accession Number: WOS:000335878000025

PubMed ID: 24745928

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Angelov, Borislav	E-9074-2012	
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Starovoytova, Larisa	E-3931-2012	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Bogomolova, Anna	O-2982-2016	
Konarev, Petr	W-1380-2017	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 1520-6106

Record 41 of 62

Title: STIMULI-RESPONSIVE POLYMER DELIVERY SYSTEMS

Author(s): Van Hove, A (Van Hove, Amy); Cui, ZW (Cui, Zhanwu); Benoit, DSW (Benoit, Danielle S. W.)

Edited by: Bader RA; Putnam DA

Source: ENGINEERING POLYMER SYSTEMS FOR IMPROVED DRUG DELIVERY **Pages:** 377-427 **Published:** 2014

Accession Number: WOS:000354984300014

ISBN: 978-1-118-74772-8; 978-1-118-09847-9

Book DOI: 10.1002/9781118747896

Record 42 of 62

Title: Glycogen-graft-poly(2-alkyl-2-oxazolines) - the new versatile biopolymer-based thermoresponsive macromolecular toolbox

Author(s): Pospisilova, A (Pospisilova, Aneta); Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Turner, S (Turner, Stuart); Sedlacek, O (Sedlacek, Ondrej); Matushkin, N (Matushkin, Nikolai); Cernochova, Z (Cernochova, Zulfia); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 106 **Pages:** 61580-61588 **DOI:** 10.1039/c4ra10315g **Published:** 2014

Accession Number: WOS:000345656600045

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernochova, Zulfia	H-6730-2014	
Hruby, Martin	H-6479-2014	
Bogomolova, Anna	O-2982-2016	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 2046-2069

Record 43 of 62

Title: Novel thermosensitive telechelic PEGs with antioxidant activity: synthesis, molecular properties and conformational behaviour

Author(s): Sergeeva, O (Sergeeva, Olga); Vlasov, PS (Vlasov, Petr S.); Domnina, NS (Domnina, Nina S.); Bogomolova, A (Bogomolova, Anna); Konarev, PV (Konarev, Petr V.); Svergun, DI (Svergun, Dmitri I.); Walterova, Z (Walterova, Zuzana); Horsky, J (Horsky, Jiri); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 79 **Pages:** 41763-41771 **DOI:** 10.1039/c4ra06978a **Published:** 2014

Accession Number: WOS:000342161600008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bogomolova, Anna	O-2982-2016	
Vlasov, Petr	K-4465-2013	0000-0003-4912-4293
Horsky, Jiri	G-3442-2014	0000-0002-1700-6332
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Konarev, Petr	W-1380-2017	
Domnina, Nina	K-7611-2013	0000-0002-7124-899X

ISSN: 2046-2069

Record 44 of 62

Title: Direct Pyrolysis - Mass Spectrometry Analysis of Thermal Degradation of Thio-Click-Modified Poly(2-oxazoline)

Author(s): Atilkan, N (Atilkan, Nurcan); Schlaad, H (Schlaad, Helmut); Nur, Y (Nur, Yusuf); Hacaloglu, J (Hacaloglu, Jale)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 215 **Issue:** 2 **Pages:** 148-152 **DOI:** 10.1002/macp.201300524 **Published:** JAN 2014

Accession Number: WOS:000330998600003

ISSN: 1022-1352

eISSN: 1521-3935

Record 45 of 62

Title: Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties

Author(s): Bogomolova, A (Bogomolova, Anna); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Rabyk, M (Rabyk, Maria); Turner, S (Turner, Stuart); Bals, S (Bals, Sara); Steinhart, M (Steinhart, Milos); Zhigunov, A (Zhigunov, Alexander); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY **Volume:** 46 **Pages:** 1690-1698 **DOI:** 10.1107/S0021889813027064 **Part:** 6 **Published:** DEC 2013

Accession Number: WOS:000327070000020

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Panek, Jiri	H-7129-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Turner, Stuart	E-9219-2010	0000-0002-1073-4783
Zhigunov, Alexander	C-3924-2012	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Steinhart, Milos	H-6968-2014	
Bogomolova, Anna	O-2982-2016	
Hruby, Martin	H-6479-2014	
Rabyk, Mariia	O-4625-2015	
Bals, Sara	F-6963-2016	0000-0002-4249-8017

ISSN: 1600-5767

Record 46 of 62

Title: Thermoresponsive Star-Shaped Poly(2-isopropyl-2-oxazoline) in Aqueous Solution

Author(s): Filippov, AP (Filippov, Alexander P.); Amirova, AI (Amirova, Alina I.); Dudkina, MM (Dudkina, Marina M.); Tenkovtsev, AV (Tenkovtsev, Andrey V.)

Source: INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION **Volume:** 18 **Issue:** 8 **Pages:** 567-577 **DOI:** 10.1080/1023666X.2013.836925 **Published:** NOV 17 2013

Accession Number: WOS:000327186900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Dudkina, Marina	U-4412-2018	
Tenkovtsev, Andrey V.	L-9868-2015	0000-0002-3467-2740
Filippov, Alexander	A-9157-2013	

ISSN: 1023-666X

eISSN: 1563-5341

Record 47 of 62

Title: Hydrolytically Degradable Polymer Micelles for Drug Delivery: A SAXS/SANS Kinetic Study

Author(s): Filippov, SK (Filippov, Sergey K.); Franklin, JM (Franklin, John M.); Konarev, PV (Konarev, Petr V.); Chytil, P (Chytil, Petr); Etrych, T (Etrych, Tomas); Bogomolova, A (Bogomolova, Anna); Dyakonova, M (Dyakonova, Margarita); Papadakis, CM (Papadakis, Christine M.); Radulescu, A (Radulescu, Aurel); Ulbrich, K (Ulbrich, Karel); Stepanek, P (Stepanek, Petr); Svergun, DI (Svergun, Dmitri I.)

Source: BIOMACROMOLECULES **Volume:** 14 **Issue:** 11 **Pages:** 4061-4070 **DOI:** 10.1021/bm401186z **Published:** NOV 2013

Accession Number: WOS:000326955900027

PubMed ID: 24083567

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Bogomolova, Anna	O-2982-2016	
Chytil, Petr	G-9853-2014	
Konarev, Petr	W-1380-2017	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Ulbrich, Karel	G-5145-2014	
Svergun, Dmitri		0000-0003-0830-5696
Radulescu, Aurel		0000-0002-6050-0176

ISSN: 1525-7797

eISSN: 1526-4602

Record 48 of 62

Title: Design Strategies for Functionalized Poly(2-oxazoline)s and Derived Materials

Author(s): Rossegger, E (Rossegger, Elisabeth); Schenk, V (Schenk, Verena); Wiesbrock, F (Wiesbrock, Frank)

Source: POLYMERS **Volume:** 5 **Issue:** 3 **Pages:** 956-1011 **DOI:** 10.3390/polym5030956 **Published:** SEP 2013

Accession Number: WOS:000330522300005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wiesbrock, Frank		0000-0002-6459-6136

ISSN: 2073-4360

Record 49 of 62

Title: Thermoresponsive gels based on ABA triblock copolymers: Does the asymmetry matter?

Author(s): Ward, MA (Ward, Mark A.); Georgiou, TK (Georgiou, Theoni K.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 51 **Issue:** 13 **Pages:** 2850-2859 **DOI:** 10.1002/pola.26674 **Published:** JUL 1 2013

Accession Number: WOS:000319681900012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Georgiou, Theoni	A-4229-2008	0000-0003-4474-6931

ISSN: 0887-624X

eISSN: 1099-0518

Record 50 of 62

Title: Study of the Potential of Amphiphilic Conetworks Based on Poly(2-ethyl-2-oxazoline) as New Platforms for Delivery of Drugs with Limited Solubility

Author(s): Kostova, B (Kostova, Bistra); Ivanova-Mileva, K (Ivanova-Mileva, Krasimira); Rachev, D (Rachev, Dimitar); Christova, D (Christova, Darinka)

Source: AAPS PHARMSCITECH **Volume:** 14 **Issue:** 1 **Pages:** 352-359 **DOI:** 10.1208/s12249-013-9923-7 **Published:** MAR 2013

Accession Number: WOS:000319798100040

PubMed ID: 23325383

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Christova, Darinka	S-1000-2019	0000-0002-2735-6926

ISSN: 1530-9932

Record 51 of 62

Title: Multicompartment thermoresponsive gels: does the length of the hydrophobic side group matter?

Author(s): Ward, MA (Ward, Mark A.); Georgiou, TK (Georgiou, Theoni K.)

Source: POLYMER CHEMISTRY **Volume:** 4 **Issue:** 6 **Pages:** 1893-1902 **DOI:** 10.1039/c2py21032k **Published:** 2013

Accession Number: WOS:000315167700019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Georgiou, Theoni	A-4229-2008	0000-0003-4474-6931

ISSN: 1759-9954

Record 52 of 62

Title: Effect of Anions on the Cloud Point Temperature of Aqueous Poly(2-ethyl-2-oxazoline) Solutions

Author(s): Guner, PT (Guner, Pinar Tatar); Demirel, AL (Demirel, A. Levent)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 116 **Issue:** 49 **Pages:** 14510-14514 **DOI:** 10.1021/jp310648d **Published:** DEC 13 2012

Accession Number: WOS:000312176000034

PubMed ID: 23181762

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tatar Guner, Pinar	Y-9582-2018	0000-0002-6976-942X

ISSN: 1520-6106

Record 53 of 62

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

eISSN: 1521-3927

Record 54 of 62

Title: Thermoresponsive Nanoparticles Based on Poly(2-alkyl-2-Oxazolines) and Pluronic F127

Author(s): Panek, J (Panek, Jiri); Filippov, SK (Filippov, Sergey K.); Hruby, M (Hruby, Martin); Rabyk, M (Rabyk, Maria); Bogomolova, A (Bogomolova, Anna); Kucka, J (Kucka, Jan); Stepanek, P (Stepanek, Petr)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1683-1689 **DOI:** 10.1002/marc.201200254 **Published:** OCT 15 2012

Accession Number: WOS:000309451000009

PubMed ID: 22760921

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Panek, Jiri	H-7129-2014	
Rabyk, Mariia	O-4625-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Bogomolova, Anna	O-2982-2016	

ISSN: 1022-1336

eISSN: 1521-3927

Record 55 of 62

Title: Poly(2-oxazoline) Hydrogel Monoliths via Thiol-ene Coupling

Author(s): Dargaville, TR (Dargaville, Tim R.); Forster, R (Forster, Rebecca); Farrugia, BL (Farrugia, Brooke L.); Kempe, K (Kempe, Kristian); Voorhaar, L (Voorhaar, Lenny); Schubert, US (Schubert, Ulrich S.); Hoogenboom, R (Hoogenboom, Richard)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1695-1700 **DOI:** 10.1002/marc.201200249 **Published:** OCT 15 2012

Accession Number: WOS:000309451000011

PubMed ID: 22887564

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Farrugia, Brooke	J-1292-2012	0000-0003-1303-4165
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Voorhaar, Lenny		0000-0002-4741-9381
Dargaville, Tim		0000-0003-4665-9508
Kempe, Kristian		0000-0002-0136-9403

ISSN: 1022-1336

Record 56 of 62

Title: Thermoresponsive Poly(2-Oxazoline) Molecular Brushes by Living Ionic Polymerization: Modulation of the Cloud Point by Random and Block Copolymer Pendant Chains

Author(s): Zhang, N (Zhang, Ning); Luxenhofer, R (Luxenhofer, Robert); Jordan, R (Jordan, Rainer)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 213 **Issue:** 18 **Pages:** 1963-1969 **DOI:** 10.1002/macp.201200261 **Published:** SEP 26 2012

Accession Number: WOS:000308642900012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jordan, Rainer	B-6542-2008	0000-0002-9414-1597
Zhang, Ning	E-3691-2010	0000-0003-3516-1907
Zhang, Ning	I-1474-2017	
Luxenhofer, Robert	C-2825-2008	0000-0001-5567-7404

ISSN: 1022-1352

eISSN: 1521-3935

Record 57 of 62

Title: Macromolecular HPMA-Based Nanoparticles with Cholesterol for Solid-Tumor Targeting: Detailed Study of the Inner Structure of a Highly Efficient Drug Delivery System

Author(s): Filippov, SK (Filippov, Sergey K.); Chytil, P (Chytil, Petr); Konarev, PV (Konarev, Petr V.); Dyakonova, M (Dyakonova, Margarita); Papadakis, CM (Papadakis, Christine M.); Zhigunov, A (Zhigunov, Alexander); Plestil, J (Plestil, Josef); Stepanek, P (Stepanek, Petr); Etrych, T (Etrych, Tomas); Ulbrich, K (Ulbrich, Karel); Svergun, DI (Svergun, Dmitri I.)

Source: BIOMACROMOLECULES **Volume:** 13 **Issue:** 8 **Pages:** 2594-2604 **DOI:** 10.1021/bm3008555 **Published:** AUG 2012

Accession Number: WOS:000307422300044

PubMed ID: 22793269

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Plestil, Josef	H-6807-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Konarev, Petr	W-1380-2017	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Zhigunov, Alexander	C-3924-2012	
Ulbrich, Karel	G-5145-2014	

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Svergun, Dmitri 0000-0003-0830-5696
ISSN: 1525-7797

Record 58 of 62

Title: Temperature responsive bio-compatible polymers based on poly(ethylene oxide) and poly(2-oxazoline)s
Author(s): Weber, C (Weber, Christine); Hoogenboom, R (Hoogenboom, Richard); Schubert, US (Schubert, Ulrich S.)
Source: PROGRESS IN POLYMER SCIENCE **Volume:** 37 **Issue:** 5 **Pages:** 686-714 **DOI:** 10.1016/j.progpolymsci.2011.10.002 **Published:** MAY 2012
Accession Number: WOS:000303845100003
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Weber, Christine	G-7345-2011	0000-0003-0712-5255
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Ahmed, Mukhtar	G-7346-2012	0000-0002-7223-5541

ISSN: 0079-6700
eISSN: 1873-1619

Record 59 of 62

Title: Self-assembly of chiral block and gradient copolymers
Author(s): Bloksma, MM (Bloksma, Meta M.); Hoeppener, S (Hoeppener, Stephanie); D'Haese, C (D'Haese, Cecile); Kempe, K (Kempe, Kristian); Mansfeld, U (Mansfeld, Ulrich); Paulus, RM (Paulus, Renzo M.); Gohy, JF (Gohy, Jean-Francois); Schubert, US (Schubert, Ulrich S.); Hoogenboom, R (Hoogenboom, Richard)
Source: SOFT MATTER **Volume:** 8 **Issue:** 1 **Pages:** 165-172 **DOI:** 10.1039/c1sm06595e **Published:** 2012
Accession Number: WOS:000297561400021
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Kempe, Kristian		0000-0002-0136-9403

ISSN: 1744-683X

Record 60 of 62

Title: Characterization of poly(2-oxazoline) homo- and copolymers by liquid chromatography at critical conditions
Author(s): Baumgaertel, A (Baumgaertel, Anja); Weber, C (Weber, Christine); Fritz, N (Fritz, Nicole); Festag, G (Festag, Grit); Altuntas, E (Altuntas, Esra); Kempe, K (Kempe, Kristian); Hoogenboom, R (Hoogenboom, Richard); Schubert, US (Schubert, Ulrich S.)
Source: JOURNAL OF CHROMATOGRAPHY A **Volume:** 1218 **Issue:** 46 **Pages:** 8370-8378 **DOI:** 10.1016/j.chroma.2011.09.044 **Published:** NOV 18 2011
Accession Number: WOS:000297036000009
PubMed ID: 21993512
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Weber, Christine	G-7345-2011	0000-0003-0712-5255
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Altuntas, Esra	B-7251-2014	
Kempe, Kristian		0000-0002-0136-9403

ISSN: 0021-9673

Record 61 of 62

Title: Thermoresponsive Polymers for Biomedical Applications
Author(s): Ward, MA (Ward, Mark A.); Georgiou, TK (Georgiou, Theoni K.)
Source: POLYMERS **Volume:** 3 **Issue:** 3 **Pages:** 1215-1242 **DOI:** 10.3390/polym3031215 **Published:** SEP 2011
Accession Number: WOS:000208601700016
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Georgiou, Theoni	A-4229-2008	0000-0003-4474-6931

ISSN: 2073-4360

Record 62 of 62

Title: Bioinspired Poly(2-oxazoline)s

Author(s): Hoogenboom, R (Hoogenboom, Richard); Schlaad, H (Schlaad, Helmut)

Source: POLYMERS **Volume:** 3 **Issue:** 1 **Pages:** 467-488 **DOI:** 10.3390/polym3010467 **Published:** MAR 2011

Accession Number: WOS:000208601400025

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard B	8977-2008	0000-0001-7398-2058

ISSN: 2073-4360

Publication No 6 of 132

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	
Filippov, Sergey B	8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 1 of 52

Title: Morphologies and functionalities of polymeric nanocarriers as chemical tools for drug delivery: A review

Author(s): Venditti, I (Venditti, Iole)

Source: JOURNAL OF KING SAUD UNIVERSITY SCIENCE **Volume:** 31 **Issue:** 3 **Pages:** 398-411 **DOI:** 10.1016/j.jksus.2017.10.004 **Published:** JUL 2019

Accession Number: WOS:000473005400013

ISSN: 1018-3647

eISSN: 2213-686X

Record 2 of 52

Title: Advances in mesoporous silica nanoparticles for targeted stimuli-responsive drug delivery: an update

Author(s): Castillo, RR (Castillo, Rafael R.); Lozano, D (Lozano, Daniel); Gonzalez, B (Gonzalez, Blanca); Manzano, M (Manzano, Miguel); Izquierdo-Barba, I (Izquierdo-Barba, Isabel); Vallet-Regi, M (Vallet-Regi, Maria)

Source: EXPERT OPINION ON DRUG DELIVERY **Volume:** 16 **Issue:** 4 **Pages:** 415-439 **DOI:** 10.1080/17425247.2019.1598375 **Published:** APR 3 2019

Accession Number: WOS:000467693900007

PubMed ID: 30897978

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
LOZANO, DANIEL B	5081-2017	0000-0001-5902-9201

ISSN: 1742-5247
eISSN: 1744-7593

Record 3 of 52

Title: A glimpse of biodegradable polymers and their biomedical applications

Author(s): Shah, TV (Shah, Tejas, V); Vasava, DV (Vasava, Dilip V.)

Source: E-POLYMERS **Volume:** 19 **Issue:** 1 **Pages:** 385-410 **DOI:** 10.1515/epoly-2019-0041 **Published:** JAN 2019

Accession Number: WOS:000476625300031
ISSN: 1618-7229

Record 4 of 52

Title: Hydrophilic and amphiphilic water-soluble dendrimer prodrugs suitable for parenteral administration of a non-soluble non-nucleoside HIV-1 reverse transcriptase inhibitor thiocarbamate derivative

Author(s): Alfei, S (Alfei, Silvana); Catena, S (Catena, Silvia); Ponassi, M (Ponassi, Marco); Rosano, C (Rosano, Camillo); Zoppi, V (Zoppi, Vittoria); Spallarossa, A (Spallarossa, Andrea)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 124 **Pages:** 153-164 **DOI:** 10.1016/j.ejps.2018.08.036 **Published:** NOV 1 2018

Accession Number: WOS:000447981200016

PubMed ID: 30170211

Author Identifiers:

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Alfei, Silvana	Q-7816-2019	0000-0002-4630-4371
Catena, Silvia		0000-0001-6093-513X

ISSN: 0928-0987

eISSN: 1879-0720

Record 5 of 52

Title: Novel controllable hydrophilic thermo-responsive molecularly imprinted resin adsorbent prepared in water for selective recognition of alkaloids by thermal-assisted dispersive solid phase extraction

Author(s): Tang, W (Tang, Weiyang); Row, KH (Row, Kyung Ho)

Source: JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS **Volume:** 160 **Pages:** 386-396 **DOI:** 10.1016/j.jpba.2018.08.019 **Published:** OCT 25 2018

Accession Number: WOS:000444661300044

PubMed ID: 30121557

ISSN: 0731-7085

eISSN: 1873-264X

Record 6 of 52

Title: Salt-Induced Thermoresponsivity of a Cationic Phosphazene Polymer in Aqueous Solutions

Author(s): Burova, TV (Burova, Tatiana, V); Grinberg, VY (Grinberg, Valerij Y.); Grinberg, NV (Grinberg, Natalia, V); Dubovik, AS (Dubovik, Alexander S.); Moskalets, AP (Moskalets, Alexander P.); Papkov, VS (Papkov, Vladimir S.); Kholchlov, AR (Kholchlov, Alexei R.)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 20 **Pages:** 7964-7973 **DOI:** 10.1021/acs.macromol.8b01621 **Published:** OCT 23 2018

Accession Number: WOS:000448753000007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Moskalets, Alexander P	G-9118-2016	0000-0002-7202-0268

ISSN: 0024-9297

eISSN: 1520-5835

Record 7 of 52

Title: Formulation and optimization of pH sensitive drug releasing O/W emulsions using Albizia lebbbeck L. seed polysaccharide

Author(s): Varma, CAK (Varma, Chekuri Ashok Kumar); Kumar, KJ (Kumar, K. Jayaram)

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 116 **Pages:** 239-246 **DOI:** 10.1016/j.ijbiomac.2018.04.150 **Published:** SEP 2018

Accession Number: WOS:000440120500029

PubMed ID: 29719218

ISSN: 0141-8130

eISSN: 1879-0003

Record 8 of 52

Title: Facile approach to prepare pH and redox-responsive nanogels via Diels-Alder click reaction

Author(s): Le, CMQ (Le, C. M. Q.); Cao, XT (Cao, X. T.); Tu, TTK (Tu, T. T. K.); Gal, YS (Gal, Y-S); Lim, KT (Lim, K. T.)

Source: EXPRESS POLYMER LETTERS **Volume:** 12 **Issue:** 8 **Pages:** 688-698 **DOI:** 10.3144/expresspolymlett.2018.59 **Published:** AUG 2018

Accession Number: WOS:000434124600003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Le, Cuong M.Q.	I-9055-2017	0000-0002-2641-3917

ISSN: 1788-618X

Record 9 of 52

Title: Association and Internal Morphology of Self-Assembled HPPHox/BSA Hybrid Nanoparticles in Aqueous Solutions
Author(s): Papagiannopoulos, A (Papagiannopoulos, Aristeidis); Vlassi, E (Vlassi, Eleni); Pispas, S (Pispas, Stergios); Houston, JE (Houston, Judith Elizabeth)
Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 122 **Issue:** 29 **Pages:** 7426-7435 **DOI:** 10.1021/acs.jpcb.8b04364 **Published:** JUL 26 2018
Accession Number: WOS:000440519900023
PubMed ID: 29947516

Author Identifiers:

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Papagiannopoulos, Aristeidis		0000-0002-5662-9866
Houston, Judith		0000-0001-5205-3620

ISSN: 1520-6106

Record 10 of 52

Title: Hydrolyzed Poly(2-phenyl-2-oxazoline)s in Aqueous Media and Biological Fluids
Author(s): Vlassi, E (Vlassi, Eleni); Papagiannopoulos, A (Papagiannopoulos, Aristeidis); Pispas, S (Pispas, Stergios)
Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 219 **Issue:** 13 **Article Number:** 1800047 **DOI:** 10.1002/macp.201800047 **Published:** JUL 2018
Accession Number: WOS:000437690400004
ISSN: 1022-1352
eISSN: 1521-3935

Record 11 of 52

Title: SMART POLYMERS FOR DRUG DELIVERY SYSTEM: AN OVERVIEW
Author(s): Sharma, A (Sharma, Amrita); Pande, PP (Pande, Poorn Prakash)
Source: REVUE ROUMAINE DE CHIMIE **Volume:** 63 **Issue:** 4 **Pages:** 273-285 **Published:** APR 2018
Accession Number: WOS:000454459700003
ISSN: 0035-3930

Record 12 of 52

Title: Comparative Investigation of the Thermoresponsive Behavior of Two Diblock Copolymers Comprising PNIPAM and PMDEGA Blocks
Author(s): Aravopoulou, D (Aravopoulou, Dionysia); Kyriakos, K (Kyriakos, Konstantinos); Miasnikova, A (Miasnikova, Anna); Laschewsky, A (Laschewsky, Andre); Papadakis, CM (Papadakis, Christine M.); Kyritsis, A (Kyritsis, Apostolos)
Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 122 **Issue:** 9 **Pages:** 2655-2668 **DOI:** 10.1021/acs.jpcb.7b09647 **Published:** MAR 8 2018
Accession Number: WOS:000427331400021
PubMed ID: 29420029

Author Identifiers:

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Laschewsky, Andre		0000-0003-2443-886X

ISSN: 1520-6106

Record 13 of 52

Title: Structural characterization of nanoparticles formed by fluorinated poly(2-oxazoline)-based polyphiles
Author(s): Riabtseva, A (Riabtseva, Anna); Kabarov, LI (Kabarov, Leonid I.); Noirez, L (Noirez, Laurence); Ryukhtin, V (Ryukhtin, Vasil); Nardin, C (Nardin, Corinne); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)
Source: EUROPEAN POLYMER JOURNAL **Volume:** 99 **Pages:** 518-527 **DOI:** 10.1016/j.eurpolymj.2018.01.007 **Published:** FEB 2018
Accession Number: WOS:000427338100054

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Hoogenboom, Richard B-8977-2008 0000-0001-7398-2058
Ryukhtin, Vasyil J-5791-2012 0000-0003-0535-5719
ISSN: 0014-3057
eISSN: 1873-1945

Record 14 of 52

Title: Polyglycerols

Author(s): Gheybi, H (Gheybi, Homa); Sattari, S (Sattari, Shabnam); Bodaghi, A (Bodaghi, Ali); Soleimani, K (Soleimani, Khadijeh); Dadkhah, A (Dadkhah, Abbas); Adeli, M (Adeli, Mohsen)

Edited by: Parambath A

Source: ENGINEERING OF BIOMATERIALS FOR DRUG DELIVERY SYSTEMS: BEYOND POLYETHYLENE GLYCOL **Book Series:** Woodhead Publishing Series in Biomaterials **Pages:** 103-171 **DOI:** 10.1016/B978-0-08-101750-0.00005-2 **Published:** 2018

Accession Number: WOS:000472671600005

ISSN: 2049-9485

ISBN: 978-0-08-101751-7; 978-0-08-101750-0

Record 15 of 52

Title: Nanomaterials as nanocarriers: a critical assessment why these are multi-chore vanquisher in breast cancer treatment

Author(s): Naz, S (Naz, Sania); Shahzad, H (Shahzad, Hira); Ali, A (Ali, Attarad); Zia, M (Zia, Muhammad)

Source: ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY **Volume:** 46 **Issue:** 5 **Pages:** 899-916 **DOI:** 10.1080/21691401.2017.1375937 **Published:** 2018

Accession Number: WOS:000433192700003

PubMed ID: 28914553

ISSN: 2169-1401

eISSN: 2169-141X

Record 16 of 52

Title: Self-assembly in Polymer Systems Inspired by Living Nature

Author(s): Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 294-300 **Published:** 2018

Accession Number: WOS:000433031600002

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
Hruby, Martin H-6479-2014

ISSN: 0009-2770

eISSN: 1213-7103

Record 17 of 52

Title: Investigation of Methylene Blue Release from Functional Polymeric Systems Using Dielectric Analysis

Author(s): Bruschi, ML (Bruschi, Marcos Luciano); Junqueira, MV (Junqueira, Mariana Volpato); Borghi-Pangoni, FB (Borghi-Pangoni, Fernanda Belincanta); Yu, T (Yu, Tao); Andrews, GP (Andrews, Gavin Paul); Jones, DS (Jones, David Simon)

Source: CURRENT DRUG DELIVERY **Volume:** 15 **Issue:** 1 **Pages:** 64-76 **DOI:** 10.2174/1567201814666170602074650 **Published:** 2018

Accession Number: WOS:000425118000007

PubMed ID: 28571541

ISSN: 1567-2018

eISSN: 1875-5704

Record 18 of 52

Title: Multi-Stimuli Responsive Self-Assembled Nanostructures Useful for Colon Drug Delivery

Author(s): Yadav, S (Yadav, Santosh); Deka, SR (Deka, Smriti R.); Tiwari, K (Tiwari, Kunjlata); Sharma, AK (Sharma, Ashwani K.); Kumar, P (Kumar, Pradeep)

Source: IEEE TRANSACTIONS ON NANOBIOSCIENCE **Volume:** 16 **Issue:** 8 **Pages:** 764-772 **DOI:** 10.1109/TNB.2017.2757958 **Published:** DEC 2017

Accession Number: WOS:000423238600015

PubMed ID: 28976319

Author Identifiers:

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KUMAR, PRADEEP 0000-0001-5874-8191

ISSN: 1536-1241

Record 19 of 52

Title: pH- and temperature-induced release of doxorubicin from multilayers of poly(2-isopropyl-2-oxazoline) and tannic acid
Author(s): Haktaniyan, M (Haktaniyan, Meltem); Atilla, S (Atilla, Suleyman); Cagli, E (Cagli, Eda); Erel-Goktepe, I (Erel-Goktepe, Irem)
Source: POLYMER INTERNATIONAL **Volume:** 66 **Issue:** 12 **Pages:** 1851-1863 **DOI:** 10.1002/pi.5458 **Published:** DEC 2017
Accession Number: WOS:000415357400019
Conference Title: 9th ECNP International Conference on Nanostructured Polymers and Nanocomposites
Conference Date: SEP 19-21, 2016
Conference Location: Rome, ITALY
Conference Sponsors: European Ctr Nanostructured Polymers
 Author Identifiers:
AuthorWeb of Science ResearcherID ORCID Number
 A-4770-2014 0000-0001-7856-7160
ISSN: 0959-8103
eISSN: 1097-0126

Record 20 of 52

Title: The integration of triggered drug delivery with real time quantification using FRET; creating a super 'smart' drug delivery system
Author(s): Aibani, N (Aibani, Noorjahan); da Costa, PF (da Costa, Paola Fontoura); Masterson, J (Masterson, Jodie); Marino, N (Marino, Nino); Raymo, FM (Raymo, Francisco M.); Callan, J (Callan, John); Callan, B (Callan, Bridgeen)
Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 264 **Pages:** 136-144 **DOI:** 10.1016/j.jconrel.2017.08.013 **Published:** OCT 28 2017
Accession Number: WOS:000412177500013
PubMed ID: 28826927
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Callan, Bridgeen		0000-0002-0608-8299

ISSN: 0168-3659
eISSN: 1873-4995

Record 21 of 52

Title: Thiolated pectin-doxorubicin conjugates: Synthesis, characterization and anticancer activity studies
Author(s): Cheewatanakornkool, K (Cheewatanakornkool, Kamonrak); Niratisai, S (Niratisai, Sathit); Manchun, S (Manchun, Somkamol); Dass, CR (Dass, Crispin R.); Sriamornsak, P (Sriamornsak, Pornsak)
Source: CARBOHYDRATE POLYMERS **Volume:** 174 **Pages:** 493-506 **DOI:** 10.1016/j.carbpol.2017.06.115 **Published:** OCT 15 2017
Accession Number: WOS:000407696800054
PubMed ID: 28821097
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sriamornsak, Pornsak	F-5850-2010	0000-0002-5525-1494

ISSN: 0144-8617
eISSN: 1879-1344

Record 22 of 52

Title: Hybrid mesoporous silica nanocarriers with thermovalve-regulated controlled release
Author(s): Ribeiro, T (Ribeiro, T.); Coutinho, E (Coutinho, E.); Rodrigues, AS (Rodrigues, A. S.); Baleizao, C (Baleizao, C.); Farinha, JPS (Farinha, J. P. S.)
Source: NANOSCALE **Volume:** 9 **Issue:** 36 **Pages:** 13485-13494 **DOI:** 10.1039/c7nr03395h **Published:** SEP 28 2017
Accession Number: WOS:000411613400014
PubMed ID: 28862282
 Author Identifiers:

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Farinha, Jose Paulo S	A-6244-2008	0000-0002-6394-5031

ISSN: 2040-3364
eISSN: 2040-3372

Record 23 of 52

Title: Synthesis and characterization of new shellac-hydroxypropylmethylcellulose composite for pharmaceutical applications

Author(s): Barik, A (Barik, Arundhati); Patnaik, T (Patnaik, Tanushree); Parhi, P (Parhi, P.); Swain, SK (Swain, S. K.); Dey, RK (Dey, R. K.)

Source: POLYMER BULLETIN **Volume:** 74 **Issue:** 9 **Pages:** 3467-3485 **DOI:** 10.1007/s00289-017-1903-8 **Published:** SEP 2017

Accession Number: WOS:000406037500001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Swain, Sanjaya Kumar		0000-0001-5734-6609

ISSN: 0170-0839
eISSN: 1436-2449

Record 24 of 52

Title: Variable and low-toxic polyampholytes: complexation with biological membranes

Author(s): Yaroslavov, AA (Yaroslavov, A. A.); Sitnikova, TA (Sitnikova, T. A.); Rakhnyanskaya, AA (Rakhnyanskaya, A. A.); Yaroslavova, EG (Yaroslavova, E. G.); Sybachin, AV (Sybachin, A. V.); Melik-Nubarov, NS (Melik-Nubarov, N. S.); Khomutov, GB (Khomutov, G. B.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 295 **Issue:** 8 **Pages:** 1405-1417 **DOI:** 10.1007/s00396-017-4054-4 **Published:** AUG 2017

Accession Number: WOS:000406174700015

Author Identifiers:

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Yaroslavov, Alexander	V-2496-2019	
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Ситников, Александр А	G-9780-2019	
Shoba, Sergei		0000-0001-9889-5831

ISSN: 0303-402X
eISSN: 1435-1536

Record 25 of 52

Title: Green synthesis of water-compatible and thermo-responsive molecularly imprinted nanoparticles

Author(s): Wang, XH (Wang, Xian-Hua); Tang, L (Tang, Lei); Yang, FF (Yang, Fang-Fang); Ying, LL (Ying, Ling-Ling); Huang, YP (Huang, Yan-Ping); Liu, ZS (Liu, Zhao-Sheng)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 92 **Pages:** 174-184 **DOI:** 10.1016/j.eurpolymj.2017.05.012 **Published:** JUL 2017

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Record 26 of 52

Title: Design and development of pH-responsive HSPC:C12H25-PAA chimeric liposomes

Author(s): Naziris, N (Naziris, Nikolaos); Pippa, N (Pippa, Natassa); Meristoudi, A (Meristoudi, Anastasia); Pispas, S (Pispas, Stergios); Demetzos, C (Demetzos, Costas)

Source: JOURNAL OF LIPOSOME RESEARCH **Volume:** 27 **Issue:** 2 **Pages:** 108-117 **DOI:** 10.3109/08982104.2016.1166512 **Published:** JUN 2017

Accession Number: WOS:000398868200004

PubMed ID: 27558454

Author Identifiers:

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ISSN: 0898-2104
eISSN: 1532-2394

Record 27 of 52

Title: Polymeric micelles with dual thermal and reactive oxygen species (ROS)-responsiveness for inflammatory cancer cell delivery

Author(s): Tang, MQ (Tang, Meiqiong); Hu, P (Hu, Ping); Zheng, Q (Zheng, Qiang); Tirelli, N (Tirelli, Nicola); Yang, XH (Yang, Xiaohong); Wang, ZL (Wang, Zhanlong); Wang, YF (Wang, Yanfang); Tang, Q (Tang, Qing); He, Y (He, Yun)

Source: JOURNAL OF NANOBIO TECHNOLOGY **Volume:** 15 **Article Number:** 39 **DOI:** 10.1186/s12951-017-0275-4 **Published:** MAY 16 2017

Accession Number: WOS:000402010900001

PubMed ID: 28511687

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tirelli, Nicola	P-3604-2018	0000-0002-4879-3949

ISSN: 1477-3155

Record 28 of 52

Title: Thermal and kinetic evaluation of biodegradable thermo-sensitive gelatin/poly(ethylene glycol) diamine crosslinked citric acid hydrogels for controlled release of tramadol

Author(s): Rocha-Garcia, D (Rocha-Garcia, Denisse); Guerra-Contreras, A (Guerra-Contreras, Antonio); Reyes-Hernandez, J (Reyes-Hernandez, Jaime); Palestino, G (Palestino, Gabriela)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 89 **Pages:** 42-56 **DOI:** 10.1016/j.eurpolymj.2017.02.007 **Published:** APR 2017

Accession Number: WOS:000400037500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gabriela, Palestino	Q-7369-2019	0000-0002-7535-9363

ISSN: 0014-3057
eISSN: 1873-1945

Record 29 of 52

Title: Design and development of pH-sensitive liposomes by evaluating the thermotropic behavior of their chimeric bilayers

Author(s): Kyrili, A (Kyrili, Aimilia); Chountoules, M (Chountoules, Maria); Pippa, N (Pippa, Natassa); Meristoudi, A (Meristoudi, Anastasia); Pispas, S (Pispas, Stergios); Demetzos, C (Demetzos, Costas)

Source: JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY **Volume:** 127 **Issue:** 2 **Pages:** 1381-1392 **DOI:** 10.1007/s10973-016-6069-3 **Published:** FEB 2017

Accession Number: WOS:000394142200027

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Pippa, Natassa		0000-0002-1197-9010

ISSN: 1388-6150
eISSN: 1588-2926

Record 30 of 52

Title: Spatio-temporal control strategy of drug delivery systems based nano structures

Author(s): Rahoui, N (Rahoui, Nahla); Jiang, B (Jiang, Bo); Taloub, N (Taloub, Nadia); Huang, YD (Huang, Yu Dong)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 255 **Pages:** 176-201 **DOI:** 10.1016/j.jconrel.2017.04.003 **Published:** JAN 10 2017

Accession Number: WOS:000402428900017

PubMed ID: 28408201

Author Identifiers:

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TALOUB, Nadia		0000-0002-8583-6848

ISSN: 0168-3659
eISSN: 1873-4995

Record 31 of 52

Title: Novel thermoresponsive water-soluble oligomers based on amphiphilic calixresorcinarenes

Author(s): Shalaeva, YV (Shalaeva, Ya. V.); Morozova, JE (Morozova, Ju. E.); Syakaev, VV (Syakaev, V. V.); Kazakova, EK (Kazakova, E. Kh.); Ermakova, AM (Ermakova, A. M.); Nizameev, IR (Nizameev, I. R.); Kadirov, MK (Kadirov, M. K.); Kononov, AI (Kononov, A. I.)

Source: SUPRAMOLECULAR CHEMISTRY **Volume:** 29 **Issue:** 8 **Pages:** 575-584 **DOI:** 10.1080/10610278.2017.1298765 **Published:** 2017

Accession Number: WOS:000399433500003

Author Identifiers:

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Nizameev, Irek	D-5128-2014	

Syakaev, Victor
ISSN: 1061-0278
eISSN: 1029-0478

0000-0002-3516-1969

Record 32 of 52

Title: Organic Polymeric Nanomaterials as Advanced Tools in the Fight Against Antibiotic-Resistant Infections

Author(s): Balaure, PC (Balaure, P. C.); Gudovan, D (Gudovan, D.); Gudovan, I (Gudovan, I.)

Edited by: Boukherroub R; Szunerits S; Drider D

Source: FUNCTIONALIZED NANOMATERIALS FOR THE MANAGEMENT OF MICROBIAL INFECTION: A STRATEGY TO ADDRESS MICROBIAL DRUG RESISTANCE **Book Series:** Micro & Nano Technologies **Pages:** 153-265 **DOI:** 10.1016/B978-0-323-41625-2.00006-5 **Published:** 2017

Accession Number: WOS:000426404600007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gudovan, Dragos I-7594-2014		0000-0003-4442-4000

ISBN: 978-0-323-41737-2

Record 33 of 52

Title: Clay-Polymer Nanocomposites for Controlled Drug Release

Author(s): Garea, SA (Garea, Sorina A.); Voicu, AI (Voicu, Anda I.); Iovu, H (Iovu, Horia)

Edited by: Jlassi K; Chehimi MM; Thomas S

Source: CLAY-POLYMER NANOCOMPOSITES **Pages:** 475-509 **DOI:** 10.1016/B978-0-323-46153-5.00014-8 **Published:** 2017

Accession Number: WOS:000417842600015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
jlassi, khouloud U-2495-2018		

ISBN: 978-0-323-46161-0; 978-0-323-46153-5

Record 34 of 52

Title: Protein-Based Stimuli Responsive Materials for Tissue Engineering

Author(s): Dash, M (Dash, Mamoni)

Edited by: Wang Q

Source: SMART MATERIALS FOR TISSUE ENGINEERING: FUNDAMENTAL PRINCIPLES **Book Series:** RSC Smart Materials **Volume:** 24 **Pages:** 45-61 **Published:** 2017

Accession Number: WOS:000415000300005

ISSN: 2046-0066

ISBN: 978-1-78262-675-6; 978-1-78262-464-6

Book DOI: 10.1039/9781788010542

Record 35 of 52

Title: Preparation and Biomedical Applications of Gold Nanocluster

Author(s): Nie, LB (Nie, Libo); Xiao, XY (Xiao, Xiangyun); Yang, HC (Yang, Hongcheng)

Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY **Volume:** 16 **Issue:** 8 **Pages:** 8164-8175 **DOI:** 10.1166/jnn.2016.12373 **Published:** AUG 2016

Accession Number: WOS:000387083900062

ISSN: 1533-4880

eISSN: 1533-4899

Record 36 of 52

Title: Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Cernoch, P (Cernoch, Peter); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Stepanek, P (Stepanek, Petr); Vetrik, M (Vetrik, Miroslav); Lodge, TP (Lodge, Timothy P.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 32 **Issue:** 24 **Pages:** 6115-6122 **DOI:** 10.1021/acs.langmuir.6b01527 **Published:** JUN 21 2016

Accession Number: WOS:000378470000013

PubMed ID: 27238593

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Author	Web of Science ResearcherID	ORCID Number
Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	

Kucka, Jan G-7884-2014
Vetrik, Miroslav G-3495-2014
Sedlacek, Ondrej E-1345-2013
Konefal, Rafal G-5886-2014
ISSN: 0743-7463

0000-0001-5731-2687
0000-0003-4568-4891

Record 37 of 52

Title: A concise review on smart polymers for controlled drug release

Author(s): Moghanjoughi, AA (Moghanjoughi, Arezou Aghabegi); Khoshnevis, D (Khoshnevis, Dorna); Zarrabi, A (Zarrabi, Ali)

Source: DRUG DELIVERY AND TRANSLATIONAL RESEARCH **Volume:** 6 **Issue:** 3 **Pages:** 333-340 **DOI:** 10.1007/s13346-015-0274-7 **Published:** JUN 2016

Accession Number: WOS:000384770900013

PubMed ID: 26744179

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Author	Web of Science ResearcherID	ORCID Number
Zarrabi, Ali		0000-0003-0391-1769

ISSN: 2190-393X

eISSN: 2190-3948

Record 38 of 52

Title: A novel approach to controlled self-assembly of pH-responsive thermosensitive homopolymer polyelectrolytes into stable nanoparticles

Author(s): Sedlak, M (Sedlak, Marian)

Source: ADVANCES IN COLLOID AND INTERFACE SCIENCE **Volume:** 232 **Pages:** 57-69 **DOI:** 10.1016/j.cis.2015.12.005 **Published:** JUN 2016

Accession Number: WOS:000379563300007

PubMed ID: 26792020

Conference Title: International Workshop on Polyelectrolytes in Chemistry, Biology and Technology

Conference Date: JAN 26-28, 2015

Conference Location: Nanyang Technol Univ, Singapore, SINGAPORE

Conference Host: Nanyang Technol Univ

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Author	Web of Science ResearcherID	ORCID Number
Sedlak, Marian		0000-0003-2951-2846

ISSN: 0001-8686

eISSN: 1873-3727

Record 39 of 52

Title: Aptamer-Functionalized and Backbone Redox-Responsive Hyperbranched Polymer for Targeted Drug Delivery in Cancer Therapy

Author(s): Zhuang, YY (Zhuang, Yuanyuan); Deng, HP (Deng, Hongping); Su, Y (Su, Yue); He, L (He, Lin); Wang, RB (Wang, Ruibin); Tong, GS (Tong, Gangsheng); He, DN (He, Dannong); Zhu, XY (Zhu, Xinyuan)

Source: BIOMACROMOLECULES **Volume:** 17 **Issue:** 6 **Pages:** 2050-2062 **DOI:** 10.1021/acs.biomac.6b00262 **Published:** JUN 2016

Accession Number: WOS:000377924800015

PubMed ID: 27113017

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DENG, HONGPING		0000-0003-1154-8656
He, Dannong		0000-0003-4921-1063

ISSN: 1525-7797

eISSN: 1526-4602

Record 40 of 52

Title: Electrochemical examination of ability of dsDNA/PAM composites for storing and releasing of doxorubicin

Author(s): Zabost, E (Zabost, Ewelina); Liwinska, W (Liwinska, Wioletta); Karbarz, M (Karbarz, Marcin); Kurek, E (Kurek, Eliza); Lyp, M (Lyp, Marek); Donten, M (Donten, Mikolaj); Stojek, Z (Stojek, Zbigniew)

Source: BIOELECTROCHEMISTRY **Volume:** 109 **Pages:** 1-8 **DOI:** 10.1016/j.bioelechem.2015.12.001 **Published:** JUN 2016

Accession Number: WOS:000373418400001

PubMed ID: 26764570

ISSN: 1567-5394

Record 41 of 52

Title: Targeted Drug Delivery with Polymers and Magnetic Nanoparticles: Covalent and Noncovalent Approaches, Release Control, and Clinical Studies

Author(s): Ulbrich, K (Ulbrich, Karel); Hola, K (Hola, Katerina); Subr, V (Subr, Vladimir); Bakandritsos, A (Bakandritsos, Aristides); Tucek, J (Tucek, Jiri); Zboril, R (Zboril, Radek)

Source: CHEMICAL REVIEWS **Volume:** 116 **Issue:** 9 **Special Issue:** SI **Pages:** 5338-5431 **DOI:** 10.1021/acs.chemrev.5b00589 **Published:** MAY 11 2016

Accession Number: WOS:000375888300013

PubMed ID: 27109701

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Zboril, Radek	F-5153-2015	0000-0002-3147-2196
Zboril, Radek	K-1530-2019	
Subr, Vladimir	G-3488-2014	
Bakandritsos, Aristides		0000-0003-4411-9348
Tucek, Jiri		0000-0003-2037-4950

ISSN: 0009-2665

eISSN: 1520-6890

Record 42 of 52

Title: Identification of micellar stability zones and structural inversion process of thermoresponsive polymeric micelles by dissipative particle dynamics simulations

Author(s): Rodriguez-Hidalgo, MD (del Rosario Rodriguez-Hidalgo, Maria); Soto-Figueroa, C (Soto-Figueroa, Cesar); Vicente, L (Vicente, Luis)

Source: MOLECULAR PHYSICS **Volume:** 114 **Issue:** 5 **Pages:** 608-617 **DOI:** 10.1080/00268976.2015.1106603 **Published:** MAR 3 2016

Accession Number: WOS:000372096500005

ISSN: 0026-8976

eISSN: 1362-3028

Record 43 of 52

Title: Photochemical and Photophysical Behavior of Azopolymer Compounds

Author(s): Bagherzadeh-Khajehmarjan, E (Bagherzadeh-Khajehmarjan, Elnaz); Ahmadi-Kandjani, S (Ahmadi-Kandjani, Sohrab); Golghasemi-Sorkhabi, S (Golghasemi-Sorkhabi, Shahla)

Edited by: Rosu D; Visakh PM

Source: PHOTOCHEMICAL BEHAVIOR OF MULTICOMPONENT POLYMERIC-BASED MATERIALS **Book Series:** Advanced Structured Materials **Volume:** 26 **Pages:** 259-289 **DOI:** 10.1007/978-3-319-25196-7_9 **Published:** 2016

Accession Number: WOS:000401835000009

ISSN: 1869-8433

ISBN: 978-3-319-25196-7; 978-3-319-25194-3

Book DOI: 10.1007/978-3-319-25196-7

Record 44 of 52

Title: Calorimetric study on pH-responsive block copolymer grafted lipid bilayers: rational design and development of liposomes

Author(s): Pippa, N (Pippa, Natassa); Chountoules, M (Chountoules, Maria); Kyrili, A (Kyrili, Aimilia); Meristoudi, A (Meristoudi, Anastasia); Pispas, S (Pispas, Stergios); Demetzos, C (Demetzos, Costas)

Source: JOURNAL OF LIPOSOME RESEARCH **Volume:** 26 **Issue:** 3 **Pages:** 211-220 **DOI:** 10.3109/08982104.2015.1076464 **Published:** 2016

Accession Number: WOS:000376612800004

PubMed ID: 26364717

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Pippa, Natassa		0000-0002-1197-9010
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ISSN: 0898-2104

eISSN: 1532-2394

Record 45 of 52

Title: Topological Indices Study of Molecular Structure in Anticancer Drugs

Author(s): Gao, W (Gao, Wei); Wang, WF (Wang, Weifan); Farahani, MR (Farahani, Mohammad Reza)
Source: JOURNAL OF CHEMISTRY **Article Number:** 3216327 **DOI:** 10.1155/2016/3216327 **Published:** 2016
Accession Number: WOS:000372622900001
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
farahani, Mohammad M-5963-2017		0000-0003-2969-4280

ISSN: 2090-9063
eISSN: 2090-9071

Record 46 of 52

Title: Poly(2-cycloalkyl-2-oxazoline)s: high melting temperature polymers solely based on Debye and Keesom van der Waals interactions
Author(s): Jerca, VV (Jerca, Valentin Victor); Lava, K (Lava, Kathleen); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard)
Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 6 **Pages:** 1309-1322 **DOI:** 10.1039/c5py01755f **Published:** 2016
Accession Number: WOS:000369605200014
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jerca, Valentin Victor M-5326-2017		0000-0001-6997-4979
Hoogenboom, Richard B-8977-2008		0000-0001-7398-2058

ISSN: 1759-9954
eISSN: 1759-9962

Record 47 of 52

Title: The functional and structural effects of an amphipathic pH responsive biopolymer: A comprehensive study in osteosarcoma cells
Author(s): Mercado, SA (Mercado, S. A.); Slater, NKH (Slater, N. K. H.)
Source: EUROPEAN POLYMER JOURNAL **Volume:** 74 **Pages:** 158-167 **DOI:** 10.1016/j.eurpolymj.2015.11.026 **Published:** JAN 2016
Accession Number: WOS:000369204100016
ISSN: 0014-3057
eISSN: 1873-1945

Record 48 of 52

Title: Photoresponsive amphiphilic azobenzene-PEG self-assembles to form supramolecular nanostructures for drug delivery applications
Author(s): Yadav, S (Yadav, Santosh); Deka, SR (Deka, Smriti Rekha); Verma, G (Verma, Geeta); Sharma, AK (Sharma, Ashwani Kumar); Kumar, P (Kumar, Pradeep)
Source: RSC ADVANCES **Volume:** 6 **Issue:** 10 **Pages:** 8103-8117 **DOI:** 10.1039/c5ra26658k **Published:** 2016
Accession Number: WOS:000369515700053
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yadav, Santosh N-5725-2019		

ISSN: 2046-2069

Record 49 of 52

Title: Dual acid-responsive supramolecular nanoparticles as new anticancer drug delivery systems
Author(s): Wang, CR (Wang, Chunran); Chen, XF (Chen, Xiaofei); Yao, XM (Yao, Xuemei); Chen, L (Chen, Li); Chen, XS (Chen, Xuesi)
Source: BIOMATERIALS SCIENCE **Volume:** 4 **Issue:** 1 **Pages:** 104-114 **DOI:** 10.1039/c5bm00235d **Published:** 2016
Accession Number: WOS:000366431000009
PubMed ID: 26438891
ISSN: 2047-4830
eISSN: 2047-4849

Record 50 of 52

Title: Surface decoration of magnetic nanoparticles with folate-conjugated poly(N-isopropylacrylamide-co-itaconic acid): A facial synthesis of dual-responsive nanocarrier for targeted delivery of doxorubicin
Author(s): Ghorbani, M (Ghorbani, Marjan); Hamishehkar, H (Hamishehkar, Hamed); Arsalani, N (Arsalani, Nasser); Entezami, AA (Entezami, Ali Akbar)
Source: INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS **Volume:** 65 **Issue:** 13 **Pages:** 683-694 **DOI:** 10.1080/00914037.2016.1157800 **Published:** 2016
Accession Number: WOS:000375958100005

Author Identifiers:

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Ghorbani, Marjan		0000-0002-2500-6930
ISSN: 0091-4037		
eISSN: 1563-535X		

Record 51 of 52

Title: The Smart Drug Delivery System and Its Clinical Potential

Author(s): Liu, D (Liu, Dong); Yang, F (Yang, Fang); Xiong, F (Xiong, Fei); Gu, N (Gu, Ning)

Source: THERANOSTICS **Volume:** 6 **Issue:** 9 **Pages:** 1306-1323 **DOI:** 10.7150/thno.14858 **Published:** 2016

Accession Number: WOS:000378531400004

PubMed ID: 27375781

ISSN: 1838-7640

Record 52 of 52

Title: pH-responsive poly(N,N-dimethylaminoethyl methacrylate-co-2-acrylamido-2-methyl-propanosulfonic acid) cryogels: swelling, elasticity and diffusive properties

Author(s): Boyaci, T (Boyaci, Talin); Orakdogan, N (Orakdogan, Nermin)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 94 **Pages:** 77235-77247 **DOI:** 10.1039/c5ra11634a **Published:** 2015

Accession Number: WOS:000361559700071

ISSN: 2046-2069

Publication No 7 of 132

Title: Poly(allyl glycidyl ether)-block-poly(ethylene oxide): A novel promising polymeric intermediate for the preparation of micellar drug delivery systems

Author(s): Hruby, M (Hruby, M); Konak, C (Konak, C); Ulbrich, K (Ulbrich, K)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 95 **Issue:** 2 **Pages:** 201-211 **DOI:** 10.1002/app.21121 **Published:** JAN 15 2005

Accession Number: WOS:000225550800003

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Konak, Cestmir	H-7177-2014	
Ulbrich, Karel	G-5145-2014	

ISSN: 0021-8995

eISSN: 1097-4628

Record 1 of 51

Title: Core-crosslinked diblock terpolymer micelles - taking a closer look on crosslinking efficiency

Author(s): Elter, JK (Elter, Johanna K.); Sentis, G (Sentis, Gabriele); Bellstedt, P (Bellstedt, Peter); Biehl, P (Biehl, Philip); Gottschaldt, M (Gottschaldt, Michael); Schacher, FH (Schacher, Felix H.)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 17 **Pages:** 2247-2257 **DOI:** 10.1039/c8py00126j **Published:** MAY 7 2018

Accession Number: WOS:000431183700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bellstedt, Peter		0000-0002-5131-8452
ISSN: 1759-9954		
eISSN: 1759-9962		

Record 2 of 51

Title: Transfer of functional thermoresponsive poly(glycidyl ether) coatings for cell sheet fabrication from gold to glass surfaces

Author(s): Heinen, S (Heinen, Silke); Rackow, S (Rackow, Simon); Cuellar-Camacho, JL (Cuellar-Camacho, Jose Luis); Donskyi, IS

(Donskyi, Ievgen S.); Unger, WES (Unger, Wolfgang E. S.); Weinhart, M (Weinhart, Marie)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 6 **Issue:** 10 **Pages:** 1489-1500 **DOI:** 10.1039/c7tb03263c **Published:** MAR 14 2018

Accession Number: WOS:000429048600008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Donskyi, Ievgen		0000-0001-6181-4030

ISSN: 2050-750X

eISSN: 2050-7518

Record 3 of 51

Title: Cross-linkable multi-stimuli responsive hydrogel inks for direct-write 3D printing

Author(s): Karis, DG (Karis, Dylan G.); Ono, RJ (Ono, Robert J.); Zhang, MS (Zhang, Musan); Vora, A (Vora, Ankit); Storti, D (Storti, Duane); Ganter, MA (Ganter, Mark A.); Nelson, A (Nelson, Alshakim)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 29 **Pages:** 4199-4206 **DOI:** 10.1039/c7py00831g **Published:** AUG 7 2017

Accession Number: WOS:000406187200005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Karis, Dylan		0000-0002-8053-3717

ISSN: 1759-9954

eISSN: 1759-9962

Record 4 of 51

Title: Synthesis of Allyl End-Block Functionalized Poly(epsilon-Caprolactone)s and Their Facile Post-Functionalization via Thiol-Ene Reaction

Author(s): Truong, TT (Thuy Thu Truong); Thai, SH (Son Hong Thai); Nguyen, HT (Ha Tran Nguyen); Vuong, VD (Vinh-Dat Vuong); Nguyen, LTT (Nguyen, Le-Thu T.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 55 **Issue:** 5 **Pages:** 928-939 **DOI:** 10.1002/pola.28454 **Published:** MAR 2017

Accession Number: WOS:000393883900017

Author Identifiers:

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Nguyen, Thu		0000-0002-6452-2639
Thai, Son		0000-0003-0376-0841

ISSN: 0887-624X

eISSN: 1099-0518

Record 5 of 51

Title: Synthesis and Aqueous Solution Properties of Block Copolyethers with Latent Chemical Functionality

Author(s): Stoyanova, B (Stoyanova, Boyana); Novakov, C (Novakov, Christo); Tsvetanov, CB (Tsvetanov, Christo B.); Rangelov, S (Rangelov, Stanislav)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 217 **Issue:** 21 **Pages:** 2380-2390 **DOI:** 10.1002/macp.201600284 **Published:** NOV 2016

Accession Number: WOS:000387103800004

ISSN: 1022-1352

eISSN: 1521-3935

Record 6 of 51

Title: Small angle neutron scattering study on complex coacervate core micelles formed by oppositely charged poly(ethylene oxide-b-allyl glycidyl ether) block copolymer in water

Author(s): Lim, P (Lim, Pueleum); Shin, H (Shin, Hyunseo); Moon, B (Moon, Bongjin); Choi, SH (Choi, Soo-Hyung)

Source: POLYMER BULLETIN **Volume:** 73 **Issue:** 9 **Special Issue:** SI **Pages:** 2417-2425 **DOI:** 10.1007/s00289-016-1669-4 **Published:** SEP 2016

Accession Number: WOS:000380695500005

Conference Title: KJF International Conference on Organic Materials for Electronics and Photonics (KJF-ICOMEF)

Conference Date: SEP 07-09, 2015

Conference Location: Jeju, SOUTH KOREA

Conference Sponsors: KJF

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Choi, Soo-hyung H-9734-2012 0000-0002-4078-6285
Moon, Bongjin A-5582-2010
ISSN: 0170-0839
eISSN: 1436-2449

Record 7 of 51

Title: Polymerization of Ethylene Oxide, Propylene Oxide, and Other Alkylene Oxides: Synthesis, Novel Polymer Architectures, and Bioconjugation

Author(s): Herzberger, J (Herzberger, Jana); Niederer, K (Niederer, Kerstin); Pohlit, H (Pohlit, Hannah); Seiwert, J (Seiwert, Jan); Worm, M (Worm, Matthias); Wurm, FR (Wurm, Frederik R.); Frey, H (Frey, Holger)

Source: CHEMICAL REVIEWS **Volume:** 116 **Issue:** 4 **Special Issue:** SI **Pages:** 2170-2243 **DOI:** 10.1021/acs.chemrev.5b00441 **Published:** FEB 24 2016

Accession Number: WOS:000371106000013

PubMed ID: 26713458

Author Identifiers:

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Wurm, Frederik R.	A-2522-2010	0000-0002-6955-8489

ISSN: 0009-2665

eISSN: 1520-6890

Record 8 of 51

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

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Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 9 of 51

Title: Externally stimulated click reactions for macromolecular syntheses

Author(s): Tasdelen, MA (Tasdelen, Mehmet Atilla); Kiskan, B (Kiskan, Baris); Yagci, Y (Yagci, Yusuf)

Source: PROGRESS IN POLYMER SCIENCE **Volume:** 52 **Pages:** 19-78 **DOI:** 10.1016/j.progpolymsci.2015.09.003 **Published:** JAN 2016

Accession Number: WOS:000368751900002

Author Identifiers:

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Kiskan, Baris	B-4141-2010	0000-0001-9476-2054

ISSN: 0079-6700

eISSN: 1873-1619

Record 10 of 51

Title: Functionalized PEG-b-PAGE-b-PLGA Triblock Terpolymers as Materials for Nanoparticle Preparation

Author(s): Czaplewska, JA (Czaplewska, Justyna A.); Majdanski, TC (Majdanski, Tobias C.); Barthel, MJ (Barthel, Markus J.); Gottschaldt, M (Gottschaldt, Michael); Schubert, US (Schubert, Ulrich S.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 53 **Issue:** 18 **Pages:** 2163-2174 **DOI:** 10.1002/pola.27674 **Published:** SEP 15 2015

Accession Number: WOS:000359050700012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

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eISSN: 1099-0518

Record 11 of 51

Title: Amphiphilic polyether-based block copolymers as crosslinkable ligands for Au-nanoparticles

Author(s): Horenz, C (Hoerenz, Christoph); Rudolph, T (Rudolph, Tobias); Barthel, MJ (Barthel, Markus J.); Gunther, U (Guenther, Ulrike); Schacher, FH (Schacher, Felix H.)

Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 31 **Pages:** 5633-5642 **DOI:** 10.1039/c4py01434k **Published:** 2015

Accession Number: WOS:000358766800019

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Rudolph, Tobias	C-4502-2012	0000-0001-9628-464X

ISSN: 1759-9954

eISSN: 1759-9962

Record 12 of 51

Title: Formation of DNA Adducts by Ellipticine and Its Micellar Form in Rats - A Comparative Study

Author(s): Stiborova, M (Stiborova, Marie); Manhartova, Z (Manhartova, Zuzana); Hodek, P (Hodek, Petr); Adam, V (Adam, Vojtech); Kizek, R (Kizek, Rene); Frei, E (Frei, Eva)

Source: SENSORS **Volume:** 14 **Issue:** 12 **Pages:** 22982-22997 **DOI:** 10.3390/s141222982 **Published:** DEC 2014

Accession Number: WOS:000346794300043

PubMed ID: 25479328

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Adam, Vojtech	D-7686-2012	0000-0002-8527-286X
Kizek, Rene		0000-0002-0467-6169

ISSN: 1424-8220

Record 13 of 51

Title: Complex of Cisplatin with Biocompatible Poly(ethylene glycol) with Pendant Carboxyl Groups for the Effective Treatment of Liver Cancer

Author(s): Li, J (Li, Jing); Hu, XL (Hu, Xiuli); Liu, M (Liu, Ming); Hou, J (Hou, Jie); Xie, ZG (Xie, Zhigang); Huang, YB (Huang, Yubin); Jing, XB (Jing, Xiabin)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 131 **Issue:** 18 **Article Number:** 40764 **DOI:** 10.1002/app.40764 **Published:** SEP 15 2014

Accession Number: WOS:000337623600025

Author Identifiers:

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xie, zhigang	E-6501-2010	0000-0003-2974-1825

ISSN: 0021-8995

eISSN: 1097-4628

Record 14 of 51

Title: Poly(ethylene oxide) (PEO)-based ABC triblock terpolymers - synthetic complexity vs. application benefits

Author(s): Barthel, MJ (Barthel, Markus J.); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 8 **Pages:** 2647-2662 **DOI:** 10.1039/c3py01666h **Published:** 2014

Accession Number: WOS:000333122600001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

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Record 15 of 51

Title: Solution self-assembly of poly(ethylene oxide)-block-poly(furfuryl glycidyl ether)-block-poly(allyl glycidyl ether) based triblock

terpolymers: a field-flow fractionation study

Author(s): Wagner, M (Wagner, Michael); Barthel, MJ (Barthel, Markus J.); Freund, RRA (Freund, Robert R. A.); Hoepfner, S (Hoepfner, Stephanie); Traeger, A (Traeger, Anja); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 24 **Pages:** 6943-6956 **DOI:** 10.1039/c4py00863d **Published:** 2014

Accession Number: WOS:000345066300009

Author Identifiers:

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Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Traeger, Anja	G-3862-2012	0000-0001-7734-2293
Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Freund, Robert Reinhold Adolf		0000-0001-5771-3237

ISSN: 1759-9954

eISSN: 1759-9962

Record 16 of 51

Title: Polyether synthesis: From activated or metal-free anionic ring-opening polymerization of epoxides to functionalization

Author(s): Brocas, AL (Brocas, Anne-Laure); Mantzaridis, C (Mantzaridis, Christos); Tunc, D (Tunc, Deniz); Carlotti, S (Carlotti, Stephane)

Source: PROGRESS IN POLYMER SCIENCE **Volume:** 38 **Issue:** 6 **Pages:** 845-873 **DOI:** 10.1016/j.progpolymsci.2012.09.007 **Published:** JUN 2013

Accession Number: WOS:000319643900001

ISSN: 0079-6700

eISSN: 1873-1619

Record 17 of 51

Title: Comparative copolymerization of allyl glycidyl ether with styrene using radiation and chemical initiation methods

Author(s): Yildirim, Y (Yildirim, Yeliz); Balcan, M (Balcan, Mehmet)

Source: IRANIAN POLYMER JOURNAL **Volume:** 22 **Issue:** 1 **Pages:** 1-7 **DOI:** 10.1007/s13726-012-0096-0 **Published:** JAN 2013

Accession Number: WOS:000318645200001

ISSN: 1026-1265

eISSN: 1735-5265

Record 18 of 51

Title: Luteinizing-hormone-releasing-hormone-containing biodegradable polymer micelles for enhanced intracellular drug delivery

Author(s): Wang, R (Wang, Rui); Hu, XL (Hu, Xiuli); Yue, J (Yue, Jun); Zhang, WJ (Zhang, Wenjing); Cai, LY (Cai, Liying); Xie, ZG (Xie, Zhigang); Huang, YB (Huang, Yubin); Jing, XB (Jing, Xiabin)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 1 **Issue:** 3 **Pages:** 293-301 **DOI:** 10.1039/c2tb00072e **Published:** 2013

Accession Number: WOS:000314787400005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xie, Zhigang	E-6501-2010	0000-0003-2974-1825

ISSN: 2050-750X

eISSN: 2050-7518

Record 19 of 51

Title: Understanding and tuning the self-assembly of polyether-based triblock terpolymers in aqueous solution

Author(s): Barthel, MJ (Barthel, Markus J.); Mansfeld, U (Mansfeld, Ulrich); Hoepfner, S (Hoepfner, Stephanie); Czaplewska, JA (Czaplewska, Justyna A.); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: SOFT MATTER **Volume:** 9 **Issue:** 13 **Pages:** 3509-3520 **DOI:** 10.1039/c3sm00151b **Published:** 2013

Accession Number: WOS:000315720400008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Barthel, Markus	C-8342-2012	0000-0001-7807-6265

ISSN: 1744-683X

Record 20 of 51

Title: Homo- and Diblock Copolymers of Poly(furfuryl glycidyl ether) by Living Anionic Polymerization: Toward Reversibly Core-Crosslinked Micelles

Author(s): Barthel, MJ (Barthel, Markus J.); Rudolph, T (Rudolph, Tobias); Crotty, S (Crotty, Sarah); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 50 **Issue:** 23 **Pages:** 4958-4965 **DOI:** 10.1002/pola.26327 **Published:** DEC 1 2012

Accession Number: WOS:000310539400020

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Rudolph, Tobias	C-4502-2012	0000-0001-9628-464X
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670

ISSN: 0887-624X

Record 21 of 51

Title: Bis-hydrophilic and functional triblock terpolymers based on polyethers: Synthesis and self-assembly in solution

Author(s): Barthel, MJ (Barthel, Markus J.); Babiuch, K (Babiuch, Krzysztof); Rudolph, T (Rudolph, Tobias); Vitz, J (Vitz, Jurgen); Hoepfener, S (Hoepfener, Stephanie); Gottschaldt, M (Gottschaldt, Michael); Hager, MD (Hager, Martin D.); Schacher, FH (Schacher, Felix H.); Schubert, US (Schubert, Ulrich S.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 50 **Issue:** 14 **Pages:** 2914-2923 **DOI:** 10.1002/pola.26072 **Published:** JUL 15 2012

Accession Number: WOS:000304813300019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Barthel, Markus	C-8342-2012	0000-0001-7807-6265
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Babiuch, Krzysztof	G-4792-2011	
Rudolph, Tobias	C-4502-2012	0000-0001-9628-464X
Hager, Martin	D-9084-2011	0000-0002-6373-6600
Schacher, Felix	C-9248-2009	0000-0003-4685-6608
Schubert, Ulrich	M-8136-2019	0000-0003-4978-4670
Vitz, Jurgen	D-1281-2011	0000-0001-8640-4898

ISSN: 0887-624X

Record 22 of 51

Title: N,N-Diallylglycidylamine: A Key Monomer for Amino-Functional Poly(ethylene glycol) Architectures

Author(s): Reuss, VS (Reuss, Valerie S.); Obermeier, B (Obermeier, Boris); Dingels, C (Dingels, Carsten); Frey, H (Frey, Holger)

Source: MACROMOLECULES **Volume:** 45 **Issue:** 11 **Pages:** 4581-4589 **DOI:** 10.1021/ma300292m **Published:** JUN 12 2012

Accession Number: WOS:000305092200019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103

ISSN: 0024-9297

Record 23 of 51

Title: Nanopatterning Biomolecules by Block Copolymer Self-Assembly

Author(s): Killops, KL (Killops, Kato L.); Gupta, N (Gupta, Nalini); Dimitriou, MD (Dimitriou, Michael D.); Lynd, NA (Lynd, Nathaniel A.); Jung, H (Jung, Hyunjung); Tran, H (Tran, Helen); Bang, J (Bang, Joona); Campos, LM (Campos, Luis M.)

Source: ACS MACRO LETTERS **Volume:** 1 **Issue:** 6 **Pages:** 758-763 **DOI:** 10.1021/mz300153k **Published:** JUN 2012

Accession Number: WOS:000305320600024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Campos, Luis	B-4757-2010	
Bang, Joona	F-6589-2013	0000-0002-2301-6190

ISSN: 2161-1653

Record 24 of 51

Title: Reactivity Ratios and Mechanistic Insight for Anionic Ring-Opening Copolymerization of Epoxides

Author(s): Lee, BF (Lee, Bongjae F.); Wolffs, M (Wolffs, Martin); Delaney, KT (Delaney, Kris T.); Sprafke, JK (Sprafke, Johannes K.); Leibfarth, FA (Leibfarth, Frank A.); Hawker, CJ (Hawker, Craig J.); Lynd, NA (Lynd, Nathaniel A.)

Source: MACROMOLECULES **Volume:** 45 **Issue:** 9 **Pages:** 3722-3731 **DOI:** 10.1021/ma300634d **Published:** MAY 8 2012

Accession Number: WOS:000303628500009

PubMed ID: 23226879

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Delaney, Kris	D-4324-2011	0000-0003-0356-1391
Leibfarth, Frank		0000-0001-7737-0331

ISSN: 0024-9297

Record 25 of 51

Title: Hydrolytically Degradable Polymer Micelles for Anticancer Drug Delivery to Solid Tumors

Author(s): Chytil, P (Chytil, Petr); Etrych, T (Etrych, Tomas); Kostka, L (Kostka, Libor); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 213 **Issue:** 8 **Special Issue:** SI **Pages:** 858-867 **DOI:** 10.1002/macp.201100632 **Published:** APR 23 2012

Accession Number: WOS:000302912300008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Chytil, Petr	G-9853-2014	
Ulbrich, Karel	G-5145-2014	
Kostka, Libor	H-4182-2014	0000-0002-7770-1855
Kostka, Libor	O-4694-2019	0000-0002-7770-1855

ISSN: 1022-1352

Record 26 of 51

Title: Functional block copolymer nanoparticles: toward the next generation of delivery vehicles

Author(s): Robb, MJ (Robb, Maxwell J.); Connal, LA (Connal, Luke A.); Lee, BF (Lee, Bongjae F.); Lynd, NA (Lynd, Nathaniel A.); Hawker, CJ (Hawker, Craig J.)

Source: POLYMER CHEMISTRY **Volume:** 3 **Issue:** 6 **Pages:** 1618-1628 **DOI:** 10.1039/c2py20131c **Published:** 2012

Accession Number: WOS:000303773600032

PubMed ID: 25484930

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Robb, Maxwell	B-6857-2011	0000-0002-0528-9857
Connal, Luke	O-5169-2018	0000-0001-7519-977X

ISSN: 1759-9954

eISSN: 1759-9962

Record 27 of 51

Title: Poly(allyl Glycidyl Ether)-A Versatile and Functional Polyether Platform

Author(s): Lee, BF (Lee, Bongjae F.); Kade, MJ (Kade, Matthew J.); Chute, JA (Chute, Jerred A.); Gupta, N (Gupta, Nalini); Campos, LM (Campos, Luis M.); Fredrickson, GH (Fredrickson, Glenn H.); Kramer, EJ (Kramer, Edward J.); Lynd, NA (Lynd, Nathaniel A.); Hawker, CJ (Hawker, Craig J.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 49 **Issue:** 20 **Pages:** 4498-4504 **DOI:** 10.1002/pola.24891 **Published:** OCT 15 2011

Accession Number: WOS:000295714800022

PubMed ID: 21966093

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Campos, Luis	B-4757-2010	
Hawker, Craig J	G-4971-2011	0000-0001-9951-851X

ISSN: 0887-624X

Record 28 of 51

Title: Aggregation and Thermoresponsive Properties of New Star Block Copolymers with a Cholic Acid Core

Author(s): Li, CC (Li, Cancan); Lavigueur, C (Lavigueur, Christine); Zhu, XX (Zhu, X. X.)

Source: LANGMUIR **Volume:** 27 **Issue:** 17 **Pages:** 11174-11179 **DOI:** 10.1021/la2021929 **Published:** SEP 6 2011

Accession Number: WOS:000294373300102

PubMed ID: 21800871

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Record 29 of 51**Title:** Controlled Synthesis of Polyepichlorohydrin with Pendant Cyclic Carbonate Functions for Isocyanate-Free Polyurethane Networks**Author(s):** Brocas, AL (Brocas, Anne-Laure); Cendejas, G (Cendejas, Gabriel); Caillol, S (Caillol, Sylvain); Deffieux, A (Deffieux, Alain); Carlotti, S (Carlotti, Stephane)**Source:** JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 49 **Issue:** 12 **Pages:** 2677-2684 **DOI:** 10.1002/pola.24699 **Published:** JUN 15 2011**Accession Number:** WOS:000290760100016

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
CAILLOL, Sylvain		0000-0003-3106-5547

ISSN: 0887-624X

Record 30 of 51**Title:** Tunable, High Modulus Hydrogels Driven by Ionic Coacervation**Author(s):** Hunt, JN (Hunt, Jasmine N.); Feldman, KE (Feldman, Kathleen E.); Lynd, NA (Lynd, Nathaniel A.); Deek, J (Deek, Joanna); Campos, LM (Campos, Luis M.); Spruell, JM (Spruell, Jason M.); Hernandez, BM (Hernandez, Blanca M.); Kramer, EJ (Kramer, Edward J.); Hawker, CJ (Hawker, Craig J.)**Source:** ADVANCED MATERIALS **Volume:** 23 **Issue:** 20 **Special Issue:** SI **Pages:** 2327-+ **DOI:** 10.1002/adma.201004230 **Published:** MAY 24 2011**Accession Number:** WOS:000291547600012**PubMed ID:** 21491513

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Feldman, Kathleen	C-4584-2011	0000-0001-6942-8070
Hawker, Craig J	G-4971-2011	0000-0001-9951-851X
Feldman, Kathleen	B-1827-2008	
Campos, Luis	B-4757-2010	

ISSN: 0935-9648

Record 31 of 51**Title:** Endosomal pH-Activatable Poly(ethylene oxide)-graft-Doxorubicin Prodrugs: Synthesis, Drug Release, and Biodistribution in Tumor-Bearing Mice**Author(s):** Zhou, L (Zhou, Lei); Cheng, R (Cheng, Ru); Tao, HQ (Tao, Huiquan); Ma, SB (Ma, Shoubao); Guo, WW (Guo, Weiwei); Meng, FH (Meng, Fenghua); Liu, HY (Liu, Haiyan); Liu, Z (Liu, Zhuang); Zhong, ZY (Zhong, Zhiyuan)**Source:** BIOMACROMOLECULES **Volume:** 12 **Issue:** 5 **Pages:** 1460-1467 **DOI:** 10.1021/bm101340u **Published:** MAY 2011**Accession Number:** WOS:000290246400008**PubMed ID:** 21332185

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741
Liu, Zhuang	H-4352-2011	0000-0002-1629-1039
Cheng, Ru	X-4322-2018	0000-0002-0879-5069

ISSN: 1525-7797

Record 32 of 51**Title:** Amphiphilic block copolymers by a combination of anionic polymerization and selective post-polymerization functionalization**Author(s):** Kaditi, E (Kaditi, Eleni); Mountrichas, G (Mountrichas, Grigoris); Pispas, S (Pispas, Stergios)**Source:** EUROPEAN POLYMER JOURNAL **Volume:** 47 **Issue:** 4 **Special Issue:** SI **Pages:** 415-434 **DOI:** 10.1016/j.eurpolymj.2010.09.012 **Published:** APR 2011**Accession Number:** WOS:000289818100003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
nhrf, tpci	M-8699-2013	

ISSN: 0014-3057
eISSN: 1873-1945

Record 33 of 51**Title:** Multifunctional Poly(ethylene glycol)s

Author(s): Obermeier, B (Obermeier, Boris); Wurm, F (Wurm, Frederik); Mangold, C (Mangold, Christine); Frey, H (Frey, Holger)
Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 50 **Issue:** 35 **Pages:** 7988-7997 **DOI:** 10.1002/anie.201100027 **Published:** 2011

Accession Number: WOS:000294177500005

PubMed ID: 21751305

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103
Wurm, Frederik R. A-	2522-2010	0000-0002-6955-8489

ISSN: 1433-7851

Record 34 of 51

Title: A facile synthesis of hydrophilic glycopolymers with the ether linkages throughout the main chains

Author(s): Hu, ZG (Hu, Zhiguo); Fan, XS (Fan, Xiaoshan); Wang, JX (Wang, Jianxin); Zhao, SP (Zhao, Shuping); Han, XL (Han, Xiaoliang)

Source: JOURNAL OF POLYMER RESEARCH **Volume:** 17 **Issue:** 6 **Pages:** 815-820 **DOI:** 10.1007/s10965-009-9372-x **Published:** NOV 2010

Accession Number: WOS:000282701600006

ISSN: 1022-9760

Record 35 of 51

Title: Synthesis and micellization behavior of chiral amphiphilic diblock copolymers bearing amino acid/dipeptide pendants

Author(s): Hu, ZG (Hu, Zhiguo); Guo, SZ (Guo, Suzhen); Huang, CH (Huang, Caihong)

Source: REACTIVE & FUNCTIONAL POLYMERS **Volume:** 70 **Issue:** 4 **Pages:** 210-216 **DOI:** 10.1016/j.reactfunctpolym.2009.12.001 **Published:** APR 2010

Accession Number: WOS:000276110500002

ISSN: 1381-5148

Record 36 of 51

Title: Functional Star Polymers with a Cholic Acid Core and their Thermosensitive Properties

Author(s): Giguere, G (Giguere, Guillaume); Zhu, XX (Zhu, X. X.)

Source: BIOMACROMOLECULES **Volume:** 11 **Issue:** 1 **Pages:** 201-206 **DOI:** 10.1021/bm9010694 **Published:** JAN 2010

Accession Number: WOS:000273402500026

PubMed ID: 19994878

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhu, X. X.	C-8991-2009	0000-0003-0828-299X

ISSN: 1525-7797
eISSN: 1526-4602

Record 37 of 51

Title: PEGylated polymers for medicine: from conjugation to self-assembled systems

Author(s): Joralemon, MJ (Joralemon, Maisie J.); Mcrae, S (McRae, Samantha); Emrick, T (Emrick, Todd)

Source: CHEMICAL COMMUNICATIONS **Volume:** 46 **Issue:** 9 **Pages:** 1377-1393 **DOI:** 10.1039/b920570p **Published:** 2010

Accession Number: WOS:000274580700001

PubMed ID: 20162127

ISSN: 1359-7345

eISSN: 1364-548X

Record 38 of 51

Title: Biological Evaluation of Polymeric Micelles with Covalently Bound Doxorubicin

Author(s): Vetvicka, D (Vetvicka, David); Hruby, M (Hruby, Martin); Hovorka, O (Hovorka, Ondrej); Etrych, T (Etrych, Tomas); Vetrik, M (Vetrik, Miroslav); Kovar, L (Kovar, Lubomir); Kovar, M (Kovar, Marek); Ulbrich, K (Ulbrich, Karel); Rihova, B (Rihova, Blanka)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 20 **Issue:** 11 **Pages:** 2090-2097 **DOI:** 10.1021/bc900212k **Published:** NOV 2009

Accession Number: WOS:000271826600010

PubMed ID: 19835372

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kovar, Marek	H-7793-2014	

Rihova, Blanka J-6314-2014
Ulbrich, Karel G-5145-2014
Etrych, Tomas G-3420-2014 0000-0001-5908-5182
Vetvicka, David O-2384-2017 0000-0002-6098-1213
Vetrik, Miroslav G-3495-2014
ISSN: 1043-1802

Record 39 of 51

Title: Applications of Orthogonal "Click" Chemistries in the Synthesis of Functional Soft Materials

Author(s): Iha, RK (Iha, Rhiannon K.); Wooley, KL (Wooley, Karen L.); Nystrom, AM (Nystrom, Andreas M.); Burke, DJ (Burke, Daniel J.); Kade, MJ (Kade, Matthew J.); Hawker, CJ (Hawker, Craig J.)

Source: CHEMICAL REVIEWS **Volume:** 109 **Issue:** 11 **Pages:** 5620-5686 **DOI:** 10.1021/cr900138t **Published:** NOV 2009

Accession Number: WOS:000271856900016

PubMed ID: 19905010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wooley, Karen	D-4399-2015	0000-0003-4086-384X
Hawker, Craig J	G-4971-2011	0000-0001-9951-851X
Nystrom, Andreas	D-1483-2010	0000-0003-3475-4954

ISSN: 0009-2665

eISSN: 1520-6890

Record 40 of 51

Title: Thermoresponsive, Hydrolytically Degradable Polymer Micelles Intended for Radionuclide Delivery

Author(s): Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Filippov, SK (Filippov, Sergey K.); Vetvicka, D (Vetvicka, David); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Edwards, K (Edwards, Katarina); Rihova, B (Rihova, Blanka); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 9 **Issue:** 10 **Pages:** 1016-1027 **DOI:** 10.1002/mabi.200900083 **Published:** OCT 8 2009

Accession Number: WOS:000271174100009

PubMed ID: 19554646

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Mackova, Hana	G-3247-2014	
Ulbrich, Karel	G-5145-2014	
Kucka, Jan	G-7884-2014	
Edwards, Katarina	A-1159-2012	0000-0003-0674-2219
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Rihova, Blanka	J-6314-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Konak, Cestmir	H-7177-2014	

ISSN: 1616-5187

Record 41 of 51

Title: Synthesis and Chiral Micellization Behavior of Optically Active Amphiphilic Diblock Copolymer Bearing Quinine Pendants

Author(s): Hu, ZG (Hu, Zhiguo); Huang, CH (Huang, Caihong)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 47 **Issue:** 14 **Pages:** 3640-3650 **DOI:** 10.1002/pola.23439 **Published:** JUL 15 2009

Accession Number: WOS:000267444200015

ISSN: 0887-624X

Record 42 of 51

Title: Core-shell structure of degradable, thermosensitive polymeric micelles studied by small-angle neutron scattering

Author(s): Ramzi, A (Ramzi, Aissa); Rijcken, CJF (Rijcken, Cristianne J. F.); Veldhuis, TFJ (Veldhuis, Theo F. J.); Schwahn, D (Schwahn, Dietmar); Hennink, WE (Hennink, Wim E.); van Nostrum, CF (van Nostrum, Cornelus F.)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 112 **Issue:** 3 **Pages:** 784-792 **DOI:** 10.1021/jp073673d **Published:** JAN 24 2008

Accession Number: WOS:000252484200019

PubMed ID: 18166030

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Record 43 of 51

Title: Polyglycidols with two orthogonal protective groups: Preparation, selective deprotection, and functionalization
Author(s): Erberich, M (Erberich, Michael); Keul, H (Keul, Helmut); Moller, M (Moeller, Martin)
Source: MACROMOLECULES **Volume:** 40 **Issue:** 9 **Pages:** 3070-3079 **DOI:** 10.1021/ma0627875 **Published:** MAY 1 2007
Accession Number: WOS:000245900200018
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Moller, Martin	F-7860-2015	0000-0002-5955-4185

ISSN: 0024-9297

Record 44 of 51

Title: Poly(ethylene oxide)-coated polyamide nanoparticles degradable by glutathione
Author(s): Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Ulbrich, K (Ulbrich, Karel)
Source: COLLOID AND POLYMER SCIENCE **Volume:** 285 **Issue:** 5 **Pages:** 569-574 **DOI:** 10.1007/s00396-006-1585-5 **Published:** FEB 2007
Accession Number: WOS:000243803400011
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konak, Cestmir	H-7177-2014	
Hruby, Martin	H-6479-2014	
Ulbrich, Karel	G-5145-2014	

ISSN: 0303-402X

Record 45 of 51

Title: Block copolymers containing intrinsically proton-conducting blocks tethered with benzimidazole units
Author(s): Persson, JC (Persson, J. Christian); Jannasch, P (Jannasch, Patric)
Source: CHEMISTRY OF MATERIALS **Volume:** 18 **Issue:** 13 **Pages:** 3096-3102 **DOI:** 10.1021/cm0602848 **Published:** JUN 27 2006
Accession Number: WOS:000238386000023
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jannasch, Patric	A-2485-2010	0000-0002-9649-7781

ISSN: 0897-4756
eISSN: 1520-5002

Record 46 of 51

Title: New amphiphilic diblock copolymers: Surfactant properties and solubilization in their micelles
Author(s): Garnier, S (Garnier, S); Laschewsky, A (Laschewsky, A)
Source: LANGMUIR **Volume:** 22 **Issue:** 9 **Pages:** 4044-4053 **DOI:** 10.1021/la0600595 **Published:** APR 25 2006
Accession Number: WOS:000236989300015
PubMed ID: 16618143
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Laschewsky, Andre		0000-0003-2443-886X

ISSN: 0743-7463

Record 47 of 51

Title: Polymeric surfactants: Novel agents with exceptional properties
Author(s): Garnier, S (Garnier, S.); Laschewsky, A (Laschewsky, A.); Storsberg, J (Storsberg, J.)
Source: TENSIDE SURFACTANTS DETERGENTS **Volume:** 43 **Issue:** 2 **Pages:** 88-102 **DOI:** 10.3139/113.100290 **Published:** APR-MAY 2006
Accession Number: WOS:000238276500003
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Laschewsky, Andre		0000-0003-2443-886X

ISSN: 0932-3414

Record 48 of 51

Title: Intrinsically proton-conducting comb-like copolymers with benzimidazole tethered to the side chains

Author(s): Persson, JC (Persson, JC); Jannasch, P (Jannasch, P)

Source: SOLID STATE IONICS **Volume:** 177 **Issue:** 7-8 **Pages:** 653-658 **DOI:** 10.1016/j.ssi.2005.12.030 **Published:** MAR 15 2006

Accession Number: WOS:000236892400005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jannasch, Patric	A-2485-2010	0000-0002-9649-7781

ISSN: 0167-2738

eISSN: 1872-7689

Record 49 of 51

Title: The use of polymer design in resorbable colloids

Author(s): Finne-Wistrand, A (Finne-Wistrand, Anna); Albertsson, AC (Albertsson, Ann-Christine)

Source: ANNUAL REVIEW OF MATERIALS RESEARCH **Book Series:** Annual Review of Materials Research **Volume:** 36 **Pages:** 369-395 **DOI:** 10.1146/annurev.matsci.36.032905.091005 **Published:** 2006

Accession Number: WOS:000239807500013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Qingguo	C-1962-2014	0000-0003-3191-0771
Albertsson, Ann-Christine	Q-6107-2016	0000-0001-8696-9143

ISSN: 1531-7331

Record 50 of 51

Title: Novel fast degradable thermosensitive polymeric micelles based on PEG-block-poly(N-(2-hydroxyethyl)methacrylamide-oligolactates)

Author(s): Rijcken, CJF (Rijcken, CJF); Veldhuis, TFJ (Veldhuis, TFJ); Ramzi, A (Ramzi, A); Meeldijk, JD (Meeldijk, JD); van Nostrum, CF (van Nostrum, CF); Hennink, WE (Hennink, WE)

Source: BIOMACROMOLECULES **Volume:** 6 **Issue:** 4 **Pages:** 2343-2351 **DOI:** 10.1021/bm0502720 **Published:** JUL-AUG 2005

Accession Number: WOS:000230498400069

PubMed ID: 16004481

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
van Nostrum, Cornelus	I-9445-2016	

ISSN: 1525-7797

eISSN: 1526-4602

Record 51 of 51

Title: Polymeric micellar pH-sensitive drug delivery system for doxorubicin

Author(s): Hruby, M (Hruby, M); Konak, C (Konak, C); Ulbrich, K (Ulbrich, K)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 103 **Issue:** 1 **Pages:** 137-148 **DOI:** 10.1016/j.jconrel.2004.11.017 **Published:** MAR 2 2005

Accession Number: WOS:000227546800013

PubMed ID: 15710507

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Konak, Cestmir	H-7177-2014	
Ulbrich, Karel	G-5145-2014	

ISSN: 0168-3659

Publication No 8 of 132

Title: Biological Evaluation of Polymeric Micelles with Covalently Bound Doxorubicin

Author(s): Vetvicka, D (Vetvicka, David); Hruby, M (Hruby, Martin); Hovorka, O (Hovorka, Ondrej); Etrych, T (Etrych, Tomas); Vetrik, M (Vetrik, Miroslav); Kovar, L (Kovar, Lubomir); Kovar, M (Kovar, Marek); Ulbrich, K (Ulbrich, Karel); Rihova, B (Rihova,

Blanka)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 20 **Issue:** 11 **Pages:** 2090-2097 **DOI:** 10.1021/bc900212k **Published:** NOV 2009

Accession Number: WOS:000271826600010

PubMed ID: 19835372

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kovar, Marek	H-7793-2014	
Rihova, Blanka	J-6314-2014	
Ulbrich, Karel	G-5145-2014	
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Vetrik, Miroslav	G-3495-2014	

ISSN: 1043-1802

Record 1 of 48

Title: Designing Smart Polymer Conjugates for Controlled Release of Payloads

Author(s): Seidi, F (Seidi, Farzad); Jenjob, R (Jenjob, Ratchapol); Crespy, D (Crespy, Daniel)

Source: CHEMICAL REVIEWS **Volume:** 118 **Issue:** 7 **Pages:** 3965-4036 **DOI:** 10.1021/acs.chemrev.8b00006 **Published:** APR 11 2018

Accession Number: WOS:000430156100016

PubMed ID: 29533067

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Seidi Ghalehgah, Farzad	D-1961-2018	0000-0001-5510-9554
Crespy, Daniel	E-9262-2010	0000-0002-6023-703X

ISSN: 0009-2665

eISSN: 1520-6890

Record 2 of 48

Title: Redox-responsive core cross-linked prodrug micelles prepared by click chemistry for pH-triggered doxorubicin delivery

Author(s): Cao, XT (Cao, X. T.); Le, CMQ (Le, C. M. Q.); Thi, HHP (Thi, H. H. P.); Kim, GD (Kim, G-D.); Gal, YS (Gal, Y-S.); Lim, KT (Lim, K. T.)

Source: EXPRESS POLYMER LETTERS **Volume:** 11 **Issue:** 10 **Pages:** 832-845 **DOI:** 10.3144/expresspolymlett.2017.79 **Published:** OCT 2017

Accession Number: WOS:000407350800007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Le, Cuong M.Q.	I-9055-2017	0000-0002-2641-3917

ISSN: 1788-618X

Record 3 of 48

Title: Folate-decorated PEGylated triblock copolymer as a pH/reduction dual-responsive nanovehicle for targeted intracellular co-delivery of doxorubicin and Bcl-2 siRNA

Author(s): Suo, AL (Suo, Aili); Qian, JM (Qian, Junmin); Xu, MH (Xu, Minghui); Xu, WJ (Xu, Weijun); Zhang, YP (Zhang, Yaping); Yao, Y (Yao, Yu)

Source: MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS **Volume:** 76 **Pages:** 659-672 **DOI:** 10.1016/j.msec.2017.03.124 **Published:** JUL 1 2017

Accession Number: WOS:000405541600078

PubMed ID: 28482576

ISSN: 0928-4931

eISSN: 1873-0191

Record 4 of 48

Title: Development and evaluation of N-naphthyl-N,O-succinyl chitosan micelles containing clotrimazole for oral candidiasis treatment

Author(s): Tonglairoum, P (Tonglairoum, Prasopchai); Woraphatphadung, T (Woraphatphadung, Thisirak); Ngawhirunpat, T

(Ngawhirunpat, Tanasait); Rojanarata, T (Rojanarata, Theerasak); Akkaramongkolporn, P (Akkaramongkolporn, Prasert); Sajomsang, W (Sajomsang, Warayuth); Opanasopit, P (Opanasopit, Praneet)

Source: PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY **Volume:** 22 **Issue:** 2 **Pages:** 184-190 **DOI:** 10.3109/10837450.2016.1163391 **Published:** 2017

Accession Number: WOS:000394648300008

PubMed ID: 27050629

ISSN: 1083-7450

eISSN: 1097-9867

Record 5 of 48

Title: One-pot syntheses of dual-responsive core cross-linked polymeric micelles and covalently entrapped drug by click chemistry

Author(s): Cao, XT (Cao, Xuan Thang); Kim, YH (Kim, Yong Hun); Park, JM (Park, Jong Myung); Lim, KT (Lim, Kwon Taek)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 78 **Pages:** 264-273 **DOI:** 10.1016/j.eurpolymj.2016.03.039 **Published:** MAY 2016

Accession Number: WOS:000375511600023

ISSN: 0014-3057

eISSN: 1873-1945

Record 6 of 48

Title: Polymerization of Ethylene Oxide, Propylene Oxide, and Other Alkylene Oxides: Synthesis, Novel Polymer Architectures, and Bioconjugation

Author(s): Herzberger, J (Herzberger, Jana); Niederer, K (Niederer, Kerstin); Pohlitz, H (Pohlitz, Hannah); Seiwert, J (Seiwert, Jan); Worm, M (Worm, Matthias); Wurm, FR (Wurm, Frederik R.); Frey, H (Frey, Holger)

Source: CHEMICAL REVIEWS **Volume:** 116 **Issue:** 4 **Special Issue:** SI **Pages:** 2170-2243 **DOI:** 10.1021/acs.chemrev.5b00441 **Published:** FEB 24 2016

Accession Number: WOS:000371106000013

PubMed ID: 26713458

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103
Pohlitz, Hannah	H-7049-2018	0000-0002-6366-7836
Wurm, Frederik R.	A-2522-2010	0000-0002-6955-8489

ISSN: 0009-2665

eISSN: 1520-6890

Record 7 of 48

Title: pH-responsive polymer-drug conjugates: Design and progress

Author(s): Pang, X (Pang, Xin); Jiang, Y (Jiang, Yue); Xiao, QC (Xiao, Qicai); Leung, AW (Leung, Albert Wingnan); Hua, HY (Hua, Heyu); Xu, CS (Xu, Chuanshan)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 222 **Pages:** 116-129 **DOI:** 10.1016/j.jconrel.2015.12.024 **Published:** JAN 28 2016

Accession Number: WOS:000368105300002

PubMed ID: 26704934

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Chuanshan	A-4527-2015	
Leung, Albert	M-3695-2014	

ISSN: 0168-3659

eISSN: 1873-4995

Record 8 of 48

Title: PEG based anti-cancer drug conjugated prodrug micelles for the delivery of anti-cancer agents

Author(s): Senevirathne, SA (Senevirathne, Suchithra A.); Washington, KE (Washington, Katherine E.); Biewer, MC (Biewer, Michael C.); Stefan, MC (Stefan, Mihaela C.)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 4 **Issue:** 3 **Pages:** 360-370 **DOI:** 10.1039/c5tb02053k **Published:** 2016

Accession Number: WOS:000367940900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Biewer, Michael		0000-0001-5249-6341

ISSN: 2050-750X

Record 9 of 48

Title: Lysosome-oriented, dual-stage pH-responsive polymeric micelles for beta-lapachone delivery

Author(s): Zhou, YJ (Zhou, Yinjian); Dong, Y (Dong, Ying); Huang, G (Huang, Gang); Wang, YH (Wang, Yiguang); Huang, XN (Huang, Xiaonan); Zhang, FY (Zhang, Fayun); Boothman, DA (Boothman, David A.); Gao, JM (Gao, Jinming); Liang, W (Liang, Wei)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 4 **Issue:** 46 **Pages:** 7429-7440 **DOI:** 10.1039/c6tb02049f **Published:** 2016

Accession Number: WOS:000389666000011

PubMed ID: 28580145

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Boothman, David	Q-7776-2019	
Wang, Yiguang	H-7402-2014	0000-0002-1676-4211

ISSN: 2050-750X

eISSN: 2050-7518

Record 10 of 48

Title: Fluorescent Copolymer-Based Prodrug for pH-Triggered Intracellular Release of DOX

Author(s): Jia, X (Jia, Xu); Zhao, XB (Zhao, Xubo); Tian, K (Tian, Kun); Zhou, TT (Zhou, Tingting); Li, JG (Li, Jiagen); Zhang, RN (Zhang, Ruinian); Liu, P (Liu, Peng)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 11 **Pages:** 3624-3631 **DOI:** 10.1021/acs.biomac.5b01070 **Published:** NOV 2015

Accession Number: WOS:000364614300022

PubMed ID: 26461275

ISSN: 1525-7797

eISSN: 1526-4602

Record 11 of 48

Title: Classification of stimuli-responsive polymers as anticancer drug delivery systems

Author(s): Taghizadeh, B (Taghizadeh, Bitah); Taranejoo, S (Taranejoo, Shahrouz); Monemian, SA (Monemian, Seyed Ali); Moghaddam, ZS (Moghaddam, Zoha Salehi); Daliri, K (Daliri, Karim); Derakhshankhah, H (Derakhshankhah, Hossein); Derakhshani, Z (Derakhshani, Zaynab)

Source: DRUG DELIVERY **Volume:** 22 **Issue:** 2 **Pages:** 145-155 **DOI:** 10.3109/10717544.2014.887157 **Published:** FEB 2015

Accession Number: WOS:000348355200001

PubMed ID: 24547737

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Monemian, Seyedali		0000-0002-8479-4172
Derakhshankhah, Hossein		0000-0002-0951-2729

ISSN: 1071-7544

eISSN: 1521-0464

Record 12 of 48

Title: The Chemistry of Bioconjugation in Nanoparticles-Based Drug Delivery System

Author(s): Werengowska-Cieciewicz, K (Werengowska-Cieciewicz, Karolina); Wisniewski, M (Wisniewski, Marek); Terzyk, AP (Terzyk, Artur P.); Furmaniak, S (Furmaniak, Sylwester)

Source: ADVANCES IN CONDENSED MATTER PHYSICS **Article Number:** 198175 **DOI:** 10.1155/2015/198175 **Published:** 2015

Accession Number: WOS:000351065200001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Terzyk, Artur	M-6445-2014	
Furmaniak, Sylwester	E-8320-2014	0000-0001-7443-9129
Wisniewski, Marek	E-5503-2014	0000-0003-3478-5371
Werengowska, Karolina	P-3351-2015	
Terzyk, Artur		0000-0003-0622-1771

ISSN: 1687-8108

eISSN: 1687-8124

Record 13 of 48

Title: A pH sensitive co-delivery system of siRNA and doxorubicin for pulmonary administration to B16F10 metastatic lung cancer

Author(s): Xu, CN (Xu, Caina); Tian, HY (Tian, Huayu); Sun, H (Sun, Hai); Jiao, ZX (Jiao, Zixue); Zhang, Y (Zhang, Ying); Chen, XS (Chen, Xuesi)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 125 **Pages:** 103380-103385 **DOI:** 10.1039/c5ra21934e **Published:** 2015

Accession Number: WOS:000366461000050

ISSN: 2046-2069

Record 14 of 48

Title: Current Advances in Polymer-Based Nanotheranostics for Cancer Treatment and Diagnosis

Author(s): Luk, BT (Luk, Brian T.); Zhang, LF (Zhang, Liangfang)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 6 **Issue:** 24 **Pages:** 21859-21873 **DOI:** 10.1021/am5036225 **Published:** DEC 24 2014

Accession Number: WOS:000347139400013

PubMed ID: 25014486

ISSN: 1944-8244

Record 15 of 48

Title: Recent trends in the design of anticancer polymer prodrug nanocarriers

Author(s): Delplace, V (Delplace, Vianney); Couvreur, P (Couvreur, Patrick); Nicolas, J (Nicolas, Julien)

Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 5 **Pages:** 1529-1544 **DOI:** 10.1039/c3py01384g **Published:** MAR 7 2014

Accession Number: WOS:000331987700004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
NICOLAS, Julien	A-4312-2010	0000-0002-1597-0873
Delplace, Vianney	T-2386-2018	0000-0002-3960-7833
Patrick, COUVREUR	G-4844-2011	0000-0001-7961-5443

ISSN: 1759-9954

eISSN: 1759-9962

Record 16 of 48

Title: Phthalocyanines in Organized Microheterogeneous Systems. Review

Author(s): Gol'dshleger, NV (Gol'dshleger, N. V.); Baulin, VE (Baulin, V. E.); Tsivadze, AY (Tsivadze, A. Yu)

Source: PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES **Volume:** 50 **Issue:** 2 **Pages:** 135-172 **DOI:** 10.1134/S2070205114020087 **Published:** MAR 2014

Accession Number: WOS:000336284600001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tsivadze, Aslan	G-7422-2014	

ISSN: 2070-2051

eISSN: 2070-206X

Record 17 of 48

Title: pH-sensitive polymeric nanoparticles for tumor-targeting doxorubicin delivery: concept and recent advances

Author(s): Meng, FH (Meng, Fenghua); Zhong, YA (Zhong, Yinan); Cheng, R (Cheng, Ru); Deng, C (Deng, Chao); Zhong, ZY (Zhong, Zhiyuan)

Source: NANOMEDICINE **Volume:** 9 **Issue:** 3 **Pages:** 487-499 **DOI:** 10.2217/NNM.13.212 **Published:** MAR 2014

Accession Number: WOS:000334684400015

PubMed ID: 24746192

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741
Cheng, Ru	X-4322-2018	0000-0002-0879-5069

ISSN: 1743-5889

eISSN: 1748-6963

Record 18 of 48

Title: Amphiphilic polycarbonate conjugates of doxorubicin with pH-sensitive hydrazone linker for controlled release

Author(s): Jiang, T (Jiang, Tao); Li, YM (Li, You-Mei); Lv, Y (Lv, Yin); Cheng, YJ (Cheng, Yin-Jia); He, F (He, Feng); Zhuo, RX (Zhuo, Ren-Xi)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 111 **Pages:** 542-548 **DOI:** 10.1016/j.colsurfb.2013.06.054 **Published:** NOV 1 2013

Accession Number: WOS:000324897900071

PubMed ID: 23893028

ISSN: 0927-7765

eISSN: 1873-4367

Record 19 of 48

Title: A pH-sensitive charge-conversion system for doxorubicin delivery

Author(s): Guan, XW (Guan, Xiuwen); Li, YH (Li, Yanhui); Jiao, ZX (Jiao, Zixue); Chen, J (Chen, Jie); Guo, ZP (Guo, Zhaopei); Tian, HY (Tian, Huayu); Chen, XS (Chen, Xuesi)

Source: ACTA BIOMATERIALIA **Volume:** 9 **Issue:** 8 **Pages:** 7672-7678 **DOI:** 10.1016/j.actbio.2013.04.047 **Published:** AUG 2013

Accession Number: WOS:000322207700007

PubMed ID: 23648572

ISSN: 1742-7061

Record 20 of 48

Title: Disulfide Cross-Linked Phosphorylcholine Micelles for Triggered Release of Camptothecin

Author(s): Page, SM (Page, Samantha McRae); Martorella, M (Martorella, Molly); Parelkar, S (Parelkar, Sangram); Kosif, I (Kosif, Irem); Emrick, T (Emrick, Todd)

Source: MOLECULAR PHARMACEUTICS **Volume:** 10 **Issue:** 7 **Pages:** 2684-2692 **DOI:** 10.1021/mp400114n **Published:** JUL 2013

Accession Number: WOS:000321472000017

PubMed ID: 23742055

ISSN: 1543-8384

Record 21 of 48

Title: Functionalizing Nanoparticles with Biological Molecules: Developing Chemistries that Facilitate Nanotechnology

Author(s): Sapsford, KE (Sapsford, Kim E.); Algar, WR (Algar, W. Russ); Berti, L (Berti, Lorenzo); Gemmill, KB (Gemmill, Kelly Boeneman); Casey, BJ (Casey, Brendan J.); Oh, E (Oh, Eunkeu); Stewart, MH (Stewart, Michael H.); Medintz, IL (Medintz, Igor L.)

Source: CHEMICAL REVIEWS **Volume:** 113 **Issue:** 3 **Pages:** 1904-2074 **DOI:** 10.1021/cr300143v **Published:** MAR 2013

Accession Number: WOS:000316243600015

PubMed ID: 23432378

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Oh, Eunkeu		0000-0003-1641-522X

ISSN: 0009-2665

eISSN: 1520-6890

Record 22 of 48

Title: Self-assembling doxorubicin prodrug forming nanoparticles for cancer chemotherapy: synthesis and anticancer study in vitro and in vivo

Author(s): Gou, PF (Gou, Pengfei); Liu, WW (Liu, Wenwen); Mao, WW (Mao, Weiwei); Tang, JB (Tang, Jianbin); Shen, YQ (Shen, Youqing); Sui, MH (Sui, Meihua)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 1 **Issue:** 3 **Pages:** 284-292 **DOI:** 10.1039/c2tb00004k **Published:** 2013

Accession Number: WOS:000314787400004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shen, Youqing	E-6144-2011	0000-0003-1837-7976

ISSN: 2050-750X

eISSN: 2050-7518

Record 23 of 48

Title: Acid-degradable polymers for drug delivery: a decade of innovation

Author(s): Binauld, S (Binauld, Sandra); Stenzel, MH (Stenzel, Martina H.)

Source: CHEMICAL COMMUNICATIONS **Volume:** 49 **Issue:** 21 **Pages:** 2082-2102 **DOI:** 10.1039/c2cc36589h **Published:** 2013

Accession Number: WOS:000314893200001

PubMed ID: 23320254

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stenzel, Martina	B-8586-2008	0000-0002-6433-4419

Record 24 of 48

Title: Polymeric theranostics: using polymer-based systems for simultaneous imaging and therapy

Author(s): Krasia-Christoforou, T (Krasia-Christoforou, Theodora); Georgiou, TK (Georgiou, Theoni K.)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 1 **Issue:** 24 **Pages:** 3002-3025 **DOI:** 10.1039/c3tb20191k **Published:** 2013

Accession Number: WOS:000319706000001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Georgiou, Theoni	A-4229-2008	0000-0003-4474-6931
Krasia-Christoforou, Theodora		0000-0002-9915-491X

ISSN: 2050-750X

eISSN: 2050-7518

Record 25 of 48

Title: Nanodrugs: Magic Bullets in Cancer Chemotherapy

Author(s): Saleem, K (Saleem, Kishwar); Wani, WA (Wani, Waseem A.); Haque, A (Haque, Ashanul); Milhotra, A (Milhotra, Archana); Ali, I (Ali, Imran)

Edited by: AttaUrRahman; Zaman K

Source: TOPICS IN ANTI-CANCER RESEARCH, VOL 2 **Book Series:** Topics in Anti-Cancer Research **Volume:** 2 **Pages:** 437-494 **Published:** 2013

Accession Number: WOS:000387363000015

ISSN: 2468-5860

ISBN: 978-1-60805-136-6; 978-1-60805-139-7

Book DOI: 10.2174/97816080513661130201

Record 26 of 48

Title: pH-Sensitive Polyketal Nanoparticles for Drug Delivery

Author(s): Wang, Y (Wang, Yang); Chang, BS (Chang, Baisong); Yang, WL (Yang, Wuli)

Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY **Volume:** 12 **Issue:** 11 **Pages:** 8266-8275 **DOI:** 10.1166/jnn.2012.6677 **Published:** NOV 2012

Accession Number: WOS:000313851000006

PubMed ID: 23421205

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yang, Wuli C	2066-2013	0000-0003-0384-9213

ISSN: 1533-4880

eISSN: 1533-4899

Record 27 of 48

Title: Biodegradable polymeric micelles for targeted and controlled anticancer drug delivery: Promises, progress and prospects

Author(s): Deng, C (Deng, Chao); Jiang, YJ (Jiang, Yanjiao); Cheng, R (Cheng, Ru); Meng, FH (Meng, Fenghua); Zhong, ZY (Zhong, Zhiyuan)

Source: NANO TODAY **Volume:** 7 **Issue:** 5 **Pages:** 467-480 **DOI:** 10.1016/j.nantod.2012.08.005 **Published:** OCT 2012

Accession Number: WOS:000310863200011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741

ISSN: 1748-0132

eISSN: 1878-044X

Record 28 of 48

Title: PolyMPC-Doxorubicin Prodrugs

Author(s): Chen, XJ (Chen, Xiangji); Parekar, SS (Parekar, Sangram S.); Hency, E (Hency, Elizabeth); Schneider, S (Schneider, Sallie); Emrick, T (Emrick, Todd)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 23 **Issue:** 9 **Pages:** 1753-1763 **DOI:** 10.1021/bc200667s **Published:** SEP 2012

Accession Number: WOS:000308833600006

PubMed ID: 22881479

ISSN: 1043-1802

Record 29 of 48

Title: Influence of coupling bonds on the anti-tumor activity of polymer-pirarubicin conjugates

Author(s): Mo, GJ (Mo, Guojun); Hu, XL (Hu, Xiuli); Liu, S (Liu, Shi); Yue, J (Yue, Jun); Wang, R (Wang, Rui); Huang, YB (Huang, Yubin); Jing, XB (Jing, Xiabin)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 46 **Issue:** 5 **Pages:** 329-335 **DOI:** 10.1016/j.ejps.2012.02.013 **Published:** AUG 15 2012

Accession Number: WOS:000305370500005

PubMed ID: 22426082

ISSN: 0928-0987

Record 30 of 48

Title: Design and evaluation of cyclodextrin-based delivery systems to incorporate poorly soluble curcumin analogs for the treatment of melanoma

Author(s): Michel, D (Michel, Deborah); Chitanda, JM (Chitanda, Jackson M.); Balogh, R (Balogh, Reka); Yang, P (Yang, Peng); Singh, J (Singh, Jagbir); Das, U (Das, Umashankar); El-Aneed, A (El-Aneed, Anas); Dimmock, J (Dimmock, Jonathan); Verrall, R (Verrall, Ronald); Badea, I (Badea, Ildiko)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS **Volume:** 81 **Issue:** 3 **Pages:** 548-556 **DOI:** 10.1016/j.ejpb.2012.03.016 **Published:** AUG 2012

Accession Number: WOS:000307040900011

PubMed ID: 22531300

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Singh, Jaikaran	O-5363-2015	0000-0002-9273-6765
Michel, Deborah		0000-0001-5161-8677

ISSN: 0939-6411

Record 31 of 48

Title: N,N-Diallylglycidylamine: A Key Monomer for Amino-Functional Poly(ethylene glycol) Architectures

Author(s): Reuss, VS (Reuss, Valerie S.); Obermeier, B (Obermeier, Boris); Dingels, C (Dingels, Carsten); Frey, H (Frey, Holger)

Source: MACROMOLECULES **Volume:** 45 **Issue:** 11 **Pages:** 4581-4589 **DOI:** 10.1021/ma300292m **Published:** JUN 12 2012

Accession Number: WOS:000305092200019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103

ISSN: 0024-9297

Record 32 of 48

Title: Reactivity Ratios and Mechanistic Insight for Anionic Ring-Opening Copolymerization of Epoxides

Author(s): Lee, BF (Lee, Bongjae F.); Wolffs, M (Wolffs, Martin); Delaney, KT (Delaney, Kris T.); Sprafke, JK (Sprafke, Johannes K.); Leibfarth, FA (Leibfarth, Frank A.); Hawker, CJ (Hawker, Craig J.); Lynd, NA (Lynd, Nathaniel A.)

Source: MACROMOLECULES **Volume:** 45 **Issue:** 9 **Pages:** 3722-3731 **DOI:** 10.1021/ma300634d **Published:** MAY 8 2012

Accession Number: WOS:000303628500009

PubMed ID: 23226879

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Delaney, Kris	D-4324-2011	0000-0003-0356-1391
Leibfarth, Frank		0000-0001-7737-0331

ISSN: 0024-9297

Record 33 of 48

Title: Effect of cationic side-chains on intracellular delivery and cytotoxicity of pH sensitive polymer-doxorubicin nanocarriers

Author(s): Fang, C (Fang, Chen); Kievit, FM (Kievit, Forrest M.); Cho, YC (Cho, Yong-Chan); Mok, H (Mok, Hyejung); Press, OW (Press, Oliver W.); Zhang, MQ (Zhang, Miqin)

Source: NANOSCALE **Volume:** 4 **Issue:** 22 **Pages:** 7012-7020 **DOI:** 10.1039/c2nr32159a **Published:** 2012

Accession Number: WOS:000310978100015

PubMed ID: 23041969

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhang, Miqin	F-5537-2010	0000-0001-8974-1494
Press, Oliver		0000-0002-3147-8037

Record 34 of 48

Title: Polymeric micelles: authoritative aspects for drug delivery

Author(s): Kulthe, SS (Kulthe, Sushant S.); Choudhari, YM (Choudhari, Yogesh M.); Inamdar, NN (Inamdar, Nazma N.); Mourya, V (Mourya, Vishnukant)

Source: DESIGNED MONOMERS AND POLYMERS **Volume:** 15 **Issue:** 5 **Pages:** 465-521 **DOI:** 10.1080/1385772X.2012.688328 **Published:** 2012

Accession Number: WOS:000306745200002

ISSN: 1385-772X

eISSN: 1568-5551

Record 35 of 48

Title: Functional PEG-based polymers with reactive groups via anionic ROP of tailor-made epoxides

Author(s): Mangold, C (Mangold, Christine); Wurm, F (Wurm, Frederik); Frey, H (Frey, Holger)

Source: POLYMER CHEMISTRY **Volume:** 3 **Issue:** 7 **Pages:** 1714-1721 **DOI:** 10.1039/c2py00489e **Published:** 2012

Accession Number: WOS:000304913800005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103
Wurm, Frederik R.	A-2522-2010	0000-0002-6955-8489

ISSN: 1759-9954

eISSN: 1759-9962

Record 36 of 48

Title: Antitumor activity of IL-2/anti-IL-2 mAb immunocomplexes exerts synergism with that of N-(2-hydroxypropyl)methacrylamide copolymer-bound doxorubicin conjugate due to its low immunosuppressive activity

Author(s): Tomala, J (Tomala, Jakub); Chmelova, H (Chmelova, Helena); Strohalm, J (Strohalm, Jiri); Ulbrich, K (Ulbrich, Karel); Sirova, M (Sirova, Milada); Rihova, B (Rihova, Blanka); Kovar, M (Kovar, Marek)

Source: INTERNATIONAL JOURNAL OF CANCER **Volume:** 129 **Issue:** 8 **Pages:** 2002-2012 **DOI:** 10.1002/ijc.25859 **Published:** OCT 15 2011

Accession Number: WOS:000294224300022

PubMed ID: 21165950

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kovar, Marek	H-7793-2014	
Ulbrich, Karel	G-5145-2014	
Rihova, Blanka	J-6314-2014	
Tomala, Jakub	J-6042-2014	
Sirova, Milada	J-8132-2014	

ISSN: 0020-7136

Record 37 of 48

Title: Acid-Activatable Prodrug Nanogels for Efficient Intracellular Doxorubicin Release

Author(s): Zhan, FX (Zhan, Fuxing); Chen, W (Chen, Wei); Wang, ZJ (Wang, Zhongjuan); Lu, WT (Lu, Wentao); Cheng, R (Cheng, Ru); Deng, C (Deng, Chao); Meng, FH (Meng, Fenghua); Liu, HY (Liu, Haiyan); Zhong, ZY (Zhong, Zhiyuan)

Source: BIOMACROMOLECULES **Volume:** 12 **Issue:** 10 **Pages:** 3612-3620 **DOI:** 10.1021/bm200876x **Published:** OCT 2011

Accession Number: WOS:000295602600028

PubMed ID: 21905663

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cheng, Ru	X-4322-2018	0000-0002-0879-5069
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741

ISSN: 1525-7797

Record 38 of 48

Title: PEG-based Multifunctional Polyethers with Highly Reactive Vinyl-Ether Side Chains for Click-Type Functionalization

Author(s): Mangold, C (Mangold, Christine); Dingels, C (Dingels, Carsten); Obermeier, B (Obermeier, Boris); Frey, H (Frey, Holger); Wurm, F (Wurm, Frederik)

Source: MACROMOLECULES **Volume:** 44 **Issue:** 16 **Pages:** 6326-6334 **DOI:** 10.1021/ma200898n **Published:** AUG 23 2011

Accession Number: WOS:000294076300013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wurm, Frederik R.	A-2522-2010	0000-0002-6955-8489
Frey, Holger	C-9849-2009	0000-0002-9916-3103

ISSN: 0024-9297

Record 39 of 48

Title: Low Temperature Aqueous Living/Controlled (RAFT) Polymerization of Carboxybetaine Methacrylamide up to High Molecular Weights

Author(s): Rodriguez-Emmenegger, C (Rodriguez-Emmenegger, Cesar); Schmidt, BVKJ (Schmidt, Bernhard V. K. J.); Sedlakova, Z (Sedlakova, Zdenka); Subr, V (Subr, Vladimir); Alles, AB (Bologna Alles, Aldo); Brynda, E (Brynda, Eduard); Barner-Kowollik, C (Barner-Kowollik, Christopher)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 32 **Issue:** 13 **Pages:** 958-965 **DOI:** 10.1002/marc.201100176 **Published:** JUL 1 2011

Accession Number: WOS:000292547100003

PubMed ID: 21648007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlakova, Zdenka	H-1874-2014	0000-0001-6837-3151
Schmidt, Bernhard V.K.J.	A-9543-2011	0000-0002-3580-7053
Rodriguez-Emmenegger, Cesar	A-6387-2016	0000-0003-0745-0840
Rodriguez-Emmenegger, Cesar	G-3604-2014	0000-0003-0745-0840
Brynda, Eduard	H-6818-2014	
Subr, Vladimir	G-3488-2014	
Barner-Kowollik, Christopher	B-6287-2008	0000-0002-6745-0570
Subr, Vladimir		0000-0002-1614-6595

ISSN: 1022-1336

Record 40 of 48

Title: Endosomal pH-Activatable Poly(ethylene oxide)-graft-Doxorubicin Prodrugs: Synthesis, Drug Release, and Biodistribution in Tumor-Bearing Mice

Author(s): Zhou, L (Zhou, Lei); Cheng, R (Cheng, Ru); Tao, HQ (Tao, Huiquan); Ma, SB (Ma, Shoubao); Guo, WW (Guo, Weiwei); Meng, FH (Meng, Fenghua); Liu, HY (Liu, Haiyan); Liu, Z (Liu, Zhuang); Zhong, ZY (Zhong, Zhiyuan)

Source: BIOMACROMOLECULES **Volume:** 12 **Issue:** 5 **Pages:** 1460-1467 **DOI:** 10.1021/bm101340u **Published:** MAY 2011

Accession Number: WOS:000290246400008

PubMed ID: 21332185

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741
Liu, Zhuang	H-4352-2011	0000-0002-1629-1039
Cheng, Ru	X-4322-2018	0000-0002-0879-5069

ISSN: 1525-7797

Record 41 of 48

Title: Targeted Albumin-Based Nanoparticles for Delivery of Amphipathic Drugs

Author(s): Xu, RZ (Xu, Rongzuo); Fisher, M (Fisher, Michael); Juliano, RL (Juliano, R. L.)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 22 **Issue:** 5 **Pages:** 870-878 **DOI:** 10.1021/bc1002295 **Published:** MAY 2011

Accession Number: WOS:000290691600004

PubMed ID: 21452893

ISSN: 1043-1802

Record 42 of 48

Title: Polymeric Micelles: General Considerations and their Applications

Author(s): Mourya, VK (Mourya, V. K.); Inamdar, N (Inamdar, Nazma); Nawale, RB (Nawale, R. B.); Kulthe, SS (Kulthe, S. S.)

Source: INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH **Volume:** 45 **Issue:** 2 **Pages:** 128-138 **Published:** APR-JUN 2011

Accession Number: WOS:000297785800004

ISSN: 0019-5464

Record 43 of 48

Title: Poly(ethylene glycol-co-allyl glycidyl ether)s: A PEG-Based Modular Synthetic Platform for Multiple Bioconjugation
Author(s): Obermeier, B (Obermeier, Boris); Frey, H (Frey, Holger)
Source: BIOCONJUGATE CHEMISTRY **Volume:** 22 **Issue:** 3 **Pages:** 436-444 **DOI:** 10.1021/bc1004747 **Published:** MAR 2011
Accession Number: WOS:000288401400016
PubMed ID: 21319753
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103

ISSN: 1043-1802

Record 44 of 48

Title: Multifunctional Poly(ethylene glycol)s
Author(s): Obermeier, B (Obermeier, Boris); Wurm, F (Wurm, Frederik); Mangold, C (Mangold, Christine); Frey, H (Frey, Holger)
Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 50 **Issue:** 35 **Pages:** 7988-7997 **DOI:** 10.1002/anie.201100027 **Published:** 2011
Accession Number: WOS:000294177500005
PubMed ID: 21751305
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frey, Holger	C-9849-2009	0000-0002-9916-3103
Wurm, Frederik R. A.	A-2522-2010	0000-0002-6955-8489

ISSN: 1433-7851

Record 45 of 48

Title: Drug delivery to solid tumors by elastin-like polypeptides
Author(s): McDaniel, JR (McDaniel, Jonathan R.); Callahan, DJ (Callahan, Daniel J.); Chilkoti, A (Chilkoti, Ashutosh)
Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 62 **Issue:** 15 **Pages:** 1456-1467 **DOI:** 10.1016/j.addr.2010.05.004 **Published:** DEC 30 2010
Accession Number: WOS:000286291000003
PubMed ID: 20546809
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
McDaniel, Jonathan		0000-0001-8575-3535

ISSN: 0169-409X

Record 46 of 48

Title: A strategy for precision engineering of nanoparticles of biodegradable copolymers for quantitative control of targeted drug delivery
Author(s): Liu, YT (Liu, Yutao); Li, K (Li, Kai); Liu, B (Liu, Bin); Feng, SS (Feng, Si-Shen)
Source: BIOMATERIALS **Volume:** 31 **Issue:** 35 **Pages:** 9145-9155 **DOI:** 10.1016/j.biomaterials.2010.08.053 **Published:** DEC 2010
Accession Number: WOS:000284393300001
PubMed ID: 20864169
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Qingguo	C-1962-2014	0000-0003-3191-0771
Li, Kai	H-4271-2018	0000-0003-1664-5439
Liu, Bin	K-6445-2012	0000-0002-0956-2777

ISSN: 0142-9612
eISSN: 1878-5905

Record 47 of 48

Title: Core-crosslinked polymeric micelles with controlled release of covalently entrapped doxorubicin
Author(s): Talelli, M (Talelli, Marina); Iman, M (Iman, Maryam); Varkouhi, AK (Varkouhi, Amir K.); Rijcken, CJF (Rijcken, Cristianne J. F.); Schiffelers, RM (Schiffelers, Raymond M.); Etrych, T (Etrych, Tomas); Ulbrich, K (Ulbrich, Karel); van Nostrum, CF (van Nostrum, Cornelus F.); Lammers, T (Lammers, Twan); Storm, G (Storm, Gert); Hennink, WE (Hennink, Wim E.)
Source: BIOMATERIALS **Volume:** 31 **Issue:** 30 **Pages:** 7797-7804 **DOI:** 10.1016/j.biomaterials.2010.07.005 **Published:** OCT 2010
Accession Number: WOS:000281498600021
PubMed ID: 20673684
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schiffelers, Raymond	E-8786-2011	0000-0002-1012-9815

Storm, Gerrit	O-8696-2016	
Talelli, Marina	K-3605-2014	0000-0002-7145-5729
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
van Nostrum, Cornelus	I-9445-2016	
Ulbrich, Karel	G-5145-2014	
Iman, Maryam	T-6168-2018	0000-0002-2753-6089
Lammers, Twan	U-2794-2018	0000-0002-1090-6805
Talelli, Marina		0000-0001-5112-6138

ISSN: 0142-9612

eISSN: 1878-5905

Record 48 of 48

Title: Biodegradable Block Copolymer-Doxorubicin Conjugates via Different Linkages: Preparation, Characterization, and In Vitro Evaluation

Author(s): Hu, XL (Hu, Xiuli); Liu, S (Liu, Shi); Huang, YB (Huang, Yubin); Chen, XS (Chen, Xuesi); Jing, XB (Jing, Xiabin)

Source: BIOMACROMOLECULES **Volume:** 11 **Issue:** 8 **Pages:** 2094-2102 **DOI:** 10.1021/bm100458n **Published:** AUG 2010

Accession Number: WOS:000280583400026

PubMed ID: 20604578

ISSN: 1525-7797

eISSN: 1526-4602

Publication No 9 of 132

Title: Designing the nanobiointerface of fluorescent nanodiamonds: highly selective targeting of glioma cancer cells

Author(s): Slegerova, J (Slegerova, Jitka); Hajek, M (Hajek, Miroslav); Rehor, I (Rehor, Ivan); Sedlak, F (Sedlak, Frantisek); Stursa, J (Stursa, Jan); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)

Source: NANOSCALE **Volume:** 7 **Issue:** 2 **Pages:** 415-420 **DOI:** 10.1039/c4nr02776k **Published:** 2015

Accession Number: WOS:000347245500003

PubMed ID: 25132312

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Sedlak, Frantisek	H-1420-2014	
Hruby, Martin	H-6479-2014	
Hajek, Miroslav	G-1364-2014	0000-0002-8906-243X
Stursa, Jan	G-7950-2014	
Sedlak, Frantisek		0000-0002-5565-8462

ISSN: 2040-3364

eISSN: 2040-3372

Record 1 of 45

Title: The effect of particle size on nanodiamond fluorescence and colloidal properties in biological media

Author(s): Wilson, ER (Wilson, Emma R.); Parker, LM (Parker, Lindsay M.); Orth, A (Orth, Antony); Nunn, N (Nunn, Nicholas); Torelli, M (Torelli, Marco); Shenderova, O (Shenderova, Olga); Gibson, BC (Gibson, Brant C.); Reineck, P (Reineck, Philipp)

Source: NANOTECHNOLOGY **Volume:** 30 **Issue:** 38 **Article Number:** 385704 **DOI:** 10.1088/1361-6528/ab283d **Published:** SEP 20 2019

Accession Number: WOS:000474693100002

PubMed ID: 31181558

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Parker, Lindsay		0000-0002-4545-8811
Gibson, Brant	B-8747-2011	0000-0002-7109-2796

Reineck, Philipp N-4801-2014

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ISSN: 0957-4484

eISSN: 1361-6528

Record 2 of 45

Title: Surface engineering and applications of nanodiamonds in cancer treatment and imaging

Author(s): Lai, H (Lai, H.); Stenzel, MH (Stenzel, M. H.); Xiao, P (Xiao, P.)

Source: INTERNATIONAL MATERIALS REVIEWS **DOI:** 10.1080/09506608.2019.1622202 **Early Access Date:** JUN 2019

Accession Number: WOS:000475218600001

ISSN: 0950-6608

eISSN: 1743-2804

Record 3 of 45

Title: Monitoring spin coherence of single nitrogen-vacancy centers in nanodiamonds during pH changes in aqueous buffer solutions

Author(s): Fujiwara, M (Fujiwara, Masazumi); Tsukahara, R (Tsukahara, Ryuta); Sera, Y (Sera, Yoshihiko); Yukawa, H (Yukawa, Hiroshi); Baba, Y (Baba, Yoshinobu); Shikata, S (Shikata, Shinichi); Hashimoto, H (Hashimoto, Hideki)

Source: RSC ADVANCES **Volume:** 9 **Issue:** 22 **Pages:** 12606-12614 **DOI:** 10.1039/c9ra02282a **Published:** 2019

Accession Number: WOS:000466758200048

ISSN: 2046-2069

Record 4 of 45

Title: Supported Lipid Bilayers on Fluorescent Nanodiamonds: A Structurally Defined and Versatile Coating for Bioapplications

Author(s): Vavra, J (Vavra, Jan); Rehor, I (Rehor, Ivan); Rendler, T (Rendler, Torsten); Jani, M (Jani, Mona); Bednar, J (Bednar, Jan); Baksh, MM (Baksh, Michael M.); Zappe, A (Zappe, Andrea); Wrachtrup, J (Wrachtrup, Joerg); Cigler, P (Cigler, Petr)

Source: ADVANCED FUNCTIONAL MATERIALS **Volume:** 28 **Issue:** 45 **Article Number:** 1803406 **DOI:** 10.1002/adfm.201803406 **Published:** NOV 7 2018

Accession Number: WOS:000449706700025

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**

Cigler, Petr B-1142-2012

Cigler, Petr

0000-0003-0283-647X

ISSN: 1616-301X

eISSN: 1616-3028

Record 5 of 45

Title: Extremely rapid isotropic irradiation of nanoparticles with ions generated in situ by a nuclear reaction

Author(s): Havlik, J (Havlik, Jan); Petrakova, V (Petrakova, Vladimira); Kucka, J (Kucka, Jan); Raabova, H (Raabova, Helena); Panek, D (Panek, Dalibor); Stepan, V (Stepan, Vaclav); Cilova, ZZ (Cilova, Zuzana Zlamalova); Reineck, P (Reineck, Philipp); Stursa, J (Stursa, Jan); Kucera, J (Kucera, Jan); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)

Source: NATURE COMMUNICATIONS **Volume:** 9 **Article Number:** 4467 **DOI:** 10.1038/s41467-018-06789-8 **Published:** OCT 26 2018

Accession Number: WOS:000448414100017

PubMed ID: 30367036

Author Identifiers:

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Hruby, Martin H-6479-2014

Stursa, Jan G-7950-2014

Stepan, Vaclav G-7865-2014

0000-0002-7696-2877

Reineck, Philipp N-4801-2014

0000-0003-1549-937X

ISSN: 2041-1723

Record 6 of 45

Title: Fluorescent Nanodiamonds in Biomedical Applications

Author(s): Mitura, KA (Mitura, Katarzyna Anna); Wlodarczyk, E (Wlodarczyk, Elzbieta)

Source: JOURNAL OF AOAC INTERNATIONAL **Volume:** 101 **Issue:** 5 **Pages:** 1297-1307 **DOI:** 10.5740/jaoacint.18-0044 **Published:** SEP-OCT 2018

Accession Number: WOS:000444527600004

PubMed ID: 29669620

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mitura, Katarzyna C	5174-2018	0000-0002-2658-2542

ISSN: 1060-3271
eISSN: 1944-7922

Record 7 of 45

Title: Biohybrid fluorescent nanodiamonds as dual-contrast markers for light and electron microscopies

Author(s): Sotoma, S (Sotoma, Shingo); Hsieh, FJ (Hsieh, Feng-Jen); Chang, HC (Chang, Huan-Cheng)

Source: JOURNAL OF THE CHINESE CHEMICAL SOCIETY **Volume:** 65 **Issue:** 9 **Pages:** 1136-1146 **DOI:** 10.1002/jccs.201800157 **Published:** SEP 2018

Accession Number: WOS:000445332700014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chang, Huan-Cheng	A-9358-2012	

ISSN: 0009-4536
eISSN: 2192-6549

Record 8 of 45

Title: Inhibitor-GCPII Interaction: Selective and Robust System for Targeting Cancer Cells with Structurally Diverse Nanoparticles

Author(s): Neburkova, J (Neburkova, Jitka); Sedlak, F (Sedlak, Frantisek); Suchanova, JZ (Suchanova, Jirina Zackova); Kostka, L (Kostka, Libor); Sacha, P (Sacha, Pavel); Subr, V (Subr, Vladimir); Etrych, T (Etrych, Tomas); Simon, P (Simon, Petr); Barinkova, J (Barinkova, Jitka); Krystufek, R (Krystufek, Robin); Spanielova, H (Spanielova, Hana); Forstova, J (Forstova, Jitka); Konvalinka, J (Konvalinka, Jan); Cigler, P (Cigler, Petr)

Source: MOLECULAR PHARMACEUTICS **Volume:** 15 **Issue:** 8 **Pages:** 2932-2945 **DOI:** 10.1021/acs.molpharmaceut.7b00889 **Published:** AUG 2018

Accession Number: WOS:000441476800006

PubMed ID: 29389139

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Kostka, Libor	H-4182-2014	0000-0002-7770-1855
Cigler, Petr	B-1142-2012	
Sacha, Pavel	G-9729-2014	0000-0001-6198-9826
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Sedlak, Frantisek		0000-0002-5565-8462
Krystufek, Robin	H-3480-2013	0000-0003-4096-1159
Spanielova, Hana	G-8908-2014	0000-0001-7711-9868
Konvalinka, Jan		0000-0003-0695-9266

ISSN: 1543-8384

Record 9 of 45

Title: Emerging trends in 2D nanotechnology that are redefining our understanding of "Nanocomposites"

Author(s): Liu, PW (Liu, Pingwei); Cottrill, AL (Cottrill, Anton L.); Kozawa, D (Kozawa, Daichi); Koman, VB (Koman, Volodymyr B.); Parviz, D (Parviz, Dorsa); Liu, AT (Liu, Albert Tianxiang); Yang, JF (Yang, Jingfan); Tran, TQ (Tran, Thang Q.); Wong, MH (Wong, Min Hao); Wang, S (Wang, Song); Strano, MS (Strano, Michael S.)

Source: NANO TODAY **Volume:** 21 **Pages:** 18-40 **DOI:** 10.1016/j.nantod.2018.04.012 **Published:** AUG 2018

Accession Number: WOS:000442332900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kozawa, Daichi	C-3917-2012	0000-0002-0629-5589
Tran, Thang		0000-0001-8918-3576
Liu, Albert Tianxiang		0000-0001-8854-5854

ISSN: 1748-0132

eISSN: 1878-044X

Record 10 of 45

Title: Fluorescent nanodiamonds: past, present, and future

Author(s): Alkahtani, MH (Alkahtani, Masfer H.); Alghannam, F (Alghannam, Fahad); Jiang, L (Jiang, Linkun); Almethen, A (Almethen, Abdulrahman); Rampersaud, AA (Rampersaud, Arfaan A.); Brick, R (Brick, Robert); Gomes, CL (Gomes, Carmen L.); Scully, MO

(Scully, Marlan O.); Hemmer, PR (Hemmer, Philip R.)

Source: NANOPHOTONICS **Volume:** 7 **Issue:** 8 **Pages:** 1423-1453 **DOI:** 10.1515/nanoph-2018-0025 **Published:** AUG 2018

Accession Number: WOS:000440497000004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gomes, Carmen	Q-4906-2019	0000-0003-0095-6478

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eISSN: 2192-8614

Record 11 of 45

Title: Stabilization of detonation nanodiamonds hydrosol in physiological media with poly(vinylpyrrolidone)

Author(s): Kulvelis, YV (Kulvelis, Yu V.); Shvidchenko, AV (Shvidchenko, A. V.); Aleksenskii, AE (Aleksenskii, A. E.); Yudina, EB (Yudina, E. B.); Lebedev, VT (Lebedev, V. T.); Shestakov, MS (Shestakov, M. S.); Dideikin, AT (Dideikin, A. T.); Khozyaeva, LO (Khozyaeva, L. O.); Kuklin, AI (Kuklin, A. I.); Torok, G (Torok, Gy.); Rulev, MI (Rulev, M. I.); Vul, AY (Vul, A. Ya.)

Source: DIAMOND AND RELATED MATERIALS **Volume:** 87 **Pages:** 78-89 **DOI:** 10.1016/j.diamond.2018.05.012 **Published:** AUG 2018

Accession Number: WOS:000445294200011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Aleksenskii, Aleksandr	H-3123-2014	0000-0002-5004-6993
Kuklin, Alexander	N-8107-2019	0000-0002-4530-2980
Shvidchenko, Aleksandr	K-3319-2012	0000-0002-5417-7472
Kulvelis, Yuri		0000-0002-3228-3039
Shestakov, Mikhail		0000-0002-3665-9216

ISSN: 0925-9635

eISSN: 1879-0062

Record 12 of 45

Title: Graphitic and oxidised high pressure high temperature (HPHT) nanodiamonds induce differential biological responses in breast cancer cell lines

Author(s): Woodhams, B (Woodhams, Benjamin); Ansel-Bollepalli, L (Ansel-Bollepalli, Laura); Surmacki, J (Surmacki, Jakub); Knowles, H (Knowles, Helena); Maggini, L (Maggini, Laura); de Volder, M (de Volder, Michael); Atature, M (Atature, Mete); Bohndiek, S (Bohndiek, Sarah)

Source: NANOSCALE **Volume:** 10 **Issue:** 25 **Pages:** 12169-12179 **DOI:** 10.1039/c8nr02177e **Published:** JUL 7 2018

Accession Number: WOS:000437761500052

PubMed ID: 29917033

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Surmacki, Jakub M.	N-1140-2016	0000-0001-6654-0286
Maggini, Laura		0000-0001-9434-9470
Woodhams, Ben		0000-0003-2801-5733
Bohndiek, Sarah		0000-0003-0371-8635
Atature, Mete		0000-0003-3852-0944

ISSN: 2040-3364

eISSN: 2040-3372

Record 13 of 45

Title: Proton-Gradient-Driven Oriented Motion of Nanodiamonds Grafted to Graphene by Dynamic Covalent Bonds

Author(s): Kovaricek, P (Kovaricek, Petr); Cebecauer, M (Cebecauer, Marek); Neburkova, J (Neburkova, Jitka); Barton, J (Barton, Jan); Fridrichova, M (Fridrichova, Michaela); Drogowska, KA (Drogowska, Karolina A.); Cigler, P (Cigler, Petr); Lehn, JM (Lehn, Jean-Marie); Kalbac, M (Kalbac, Martin)

Source: ACS NANO **Volume:** 12 **Issue:** 7 **Pages:** 7141-7147 **DOI:** 10.1021/acsnano.8b03015 **Published:** JUL 2018

Accession Number: WOS:000440505000079

PubMed ID: 29889492

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cebecauer, Marek	F-5169-2014	0000-0002-4606-1218
Barton, Jan	M-6715-2019	0000-0002-2834-8725
Fridrichova, Michaela	A-7017-2013	0000-0002-3636-723X
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Kovaricek, Petr	B-8431-2011	0000-0002-4404-3606
Drogowska, Karolina	H-8445-2014	
Cigler, Petr	B-1142-2012	
Cigler, Petr		0000-0003-0283-647X

ISSN: 1936-0851
eISSN: 1936-086X

Record 14 of 45

Title: Targeted thermal therapy with genetically engineered magnetite magnetosomes@RGD: Photothermia is far more efficient than magnetic hyperthermia

Author(s): Sangnier, AP (Sangnier, Anouchka Plan); Preveral, S (Preveral, Sandra); Curcio, A (Curcio, Alberto); Silva, AKA (Silva, Amanda K. A.); Lefevre, CT (Lefevre, Chistopher T.); Pignol, D (Pignol, David); Lalatonne, Y (Lalatonne, Yoann); Wilhelm, C (Wilhelm, Claire)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 279 **Pages:** 271-281 **DOI:** 10.1016/j.jconrel.2018.04.036 **Published:** JUN 10 2018

Accession Number: WOS:000433211300025

PubMed ID: 29684497

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Lalatonne, Yoann		0000-0003-2235-6561
Wilhelm, Claire		0000-0001-7024-9627
Plan Sangnier, Anouchka		0000-0002-4799-7149

ISSN: 0168-3659

eISSN: 1873-4995

Record 15 of 45

Title: Correlative Light-Electron Microscopy of Lipid-Encapsulated Fluorescent Nanodiamonds for Nanometric Localization of Cell Surface Antigens

Author(s): Hsieh, FJ (Hsieh, Feng-Jen); Chen, YW (Chen, Yen-Wei); Huang, YK (Huang, Yao-Kuan); Lee, HM (Lee, Hsien-Ming); Lin, CH (Lin, Chun-Hung); Chang, HC (Chang, Huan-Cheng)

Source: ANALYTICAL CHEMISTRY **Volume:** 90 **Issue:** 3 **Pages:** 1566-1571 **DOI:** 10.1021/acs.analchem.7b04549 **Published:** FEB 6 2018

Accession Number: WOS:000424730600021

PubMed ID: 29257684

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chang, Huan-Cheng	A-9358-2012	
Lee, Hsien-Ming	N-9092-2014	0000-0003-2250-8385
Lee, Hsien-Ming	K-7955-2019	0000-0003-2250-8385

ISSN: 0003-2700

eISSN: 1520-6882

Record 16 of 45

Title: Stimuli-Responsive Nanodiamond-Based Biosensor for Enhanced Metastatic Tumor Site Detection

Author(s): Wang, X (Wang, Xin); Gu, MJ (Gu, Mengjie); Toh, TB (Toh, Tan Boon); Abdullah, NLB (Abdullah, Nurrul Lissa Binti); Chow, EKH (Chow, Edward Kai-Hua)

Source: SLAS TECHNOLOGY **Volume:** 23 **Issue:** 1 **Pages:** 44-56 **DOI:** 10.1177/2472630317735497 **Published:** FEB 2018

Accession Number: WOS:000423049500005

PubMed ID: 29020497

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Toh, Tan Boon	J-5178-2019	0000-0003-0292-6985

ISSN: 2472-6303

eISSN: 2472-6311

Record 17 of 45

Title: Highly stable lipid-encapsulation of fluorescent nanodiamonds for bioimaging applications

Author(s): Sotoma, S (Sotoma, Shingo); Hsieh, FJ (Hsieh, Feng-Jen); Chen, YW (Chen, Yen-Wei); Tsai, PC (Tsai, Pei-Chang); Chang, HC (Chang, Huan-Cheng)

Source: CHEMICAL COMMUNICATIONS **Volume:** 54 **Issue:** 8 **Pages:** 1000-1003 **DOI:** 10.1039/c7cc08496j **Published:** JAN 25 2018

Accession Number: WOS:000423464900033

PubMed ID: 29323372

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chang, Huan-Cheng	A-9358-2012	

ISSN: 1359-7345
eISSN: 1364-548X

Record 18 of 45

Title: Characterization and applications of fluorescent nanodiamonds surface-coated with photo-crosslinked lipids

Author(s): Sotoma, S (Sotoma, Shingo); Hsieh, FJ (Hsieh, Feng-Jen); Chen, YW (Chen, Yen-Wei); Chen, J (Chen, Jerson); Wardhani, K (Wardhani, Kartika); Tsai, PC (Tsai, Pei-Chang); Chang, HC (Chang, Huan-Cheng)

Edited by: UlHasan Z; Hemmer PR; Craig AE; Migdall AL

Source: ADVANCES IN PHOTONICS OF QUANTUM COMPUTING, MEMORY, AND COMMUNICATION XI **Book Series:** Proceedings of SPIE **Volume:** 10547 **Article Number:** UNSP 1054704 **DOI:** 10.1117/12.2297145 **Published:** 2018

Accession Number: WOS:000437208300001

Conference Title: Conference on Advances in Photonics of Quantum Computing, Memory, and Communication XI

Conference Date: JAN 29-31, 2018

Conference Location: San Francisco, CA

Conference Sponsors: SPIE

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Chang, Huan-Cheng A-9358-2012

ISSN: 0277-786X

eISSN: 1996-756X

ISBN: 978-1-5106-1580-9

Record 19 of 45

Title: Recombinant Protein Polymers for Colloidal Stabilization and Improvement of Cellular Uptake of Diamond Nanosensors

Author(s): Zheng, T (Zheng, Tingting); Martinez, FP (Martinez, Felipe Perona); Storm, IM (Storm, Ingeborg Maria); Rombouts, W (Rombouts, Wolf); Sprakel, J (Sprakel, Joris); Schirhagl, R (Schirhagl, Romana); de Vries, R (de Vries, Renko)

Source: ANALYTICAL CHEMISTRY **Volume:** 89 **Issue:** 23 **Pages:** 12812-12820 **DOI:** 10.1021/acs.analchem.7b03236 **Published:** DEC 5 2017

Accession Number: WOS:000417549600030

PubMed ID: 29111679

ISSN: 0003-2700

eISSN: 1520-6882

Record 20 of 45

Title: Multifunctional nanodiamonds in regenerative medicine: Recent advances and future directions

Author(s): Whitlow, J (Whitlow, Jonathan); Pacelli, S (Pacelli, Settimio); Paul, A (Paul, Arghya)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 261 **Pages:** 62-86 **DOI:** 10.1016/j.jconrel.2017.05.033 **Published:** SEP 10 2017

Accession Number: WOS:000406860400006

PubMed ID: 28596105

ISSN: 0168-3659

eISSN: 1873-4995

Record 21 of 45

Title: Cationic PEGylated polycaprolactone nanoparticles carrying post-operation docetaxel for glioma treatment

Author(s): Varan, C (Varan, Cem); Bilensoy, E (Bilensoy, Erem)

Source: BEILSTEIN JOURNAL OF NANOTECHNOLOGY **Volume:** 8 **Pages:** 1446-1456 **DOI:** 10.3762/bjnano.8.144 **Published:** JUL 12 2017

Accession Number: WOS:000406267600001

PubMed ID: 28900598

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Varan, Cem F-1645-2017 0000-0002-9391-8691

ISSN: 2190-4286

Record 22 of 45

Title: Biomedical applications of nanodiamond

Author(s): Turcheniuk, K (Turcheniuk, K.); Mochalin, VN (Mochalin, Vadym N.)

Source: NANOTECHNOLOGY **Volume:** 28 **Issue:** 25 **Article Number:** 252001 **DOI:** 10.1088/1361-6528/aa6ae4 **Published:** JUN 23

2017

Accession Number: WOS:000402893200001

PubMed ID: 28368852

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mochalin, Vadym		0000-0001-7403-1043

ISSN: 0957-4484

eISSN: 1361-6528

Record 23 of 45

Title: Nanodiamonds for Biological Applications

Author(s): Wu, YZ (Wu, Yuzhou); Weil, T (Weil, Tanja)

Source: PHYSICAL SCIENCES REVIEWS **Volume:** 2 **Issue:** 6 **Article Number:** UNSP 20160104 **DOI:** 10.1515/psr-2016-0104 **Published:** JUN 2017

Accession Number: WOS:000444714000006

ISSN: 2365-6581

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Record 24 of 45

Title: Cancer-Cell-Specific Mitochondria-Targeted Drug Delivery by Dual-Ligand-Functionalized Nanodiamonds Circumvent Drug Resistance

Author(s): Chan, MS (Chan, Miu Shan); Liu, LS (Liu, Ling Sum); Leung, HM (Leung, Hoi Man); Lo, PK (Lo, Pik Kwan)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 9 **Issue:** 13 **Pages:** 11780-11789 **DOI:** 10.1021/acsami.6b15954 **Published:** APR 5 2017

Accession Number: WOS:000398764100051

PubMed ID: 28291330

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
LIU, Ling Sum		0000-0002-2291-5493

ISSN: 1944-8244

Record 25 of 45

Title: Optical imaging of localized chemical events using programmable diamond quantum nanosensors

Author(s): Rendler, T (Rendler, Torsten); Neburkova, J (Neburkova, Jitka); Zemek, O (Zemek, Ondrej); Kotek, J (Kotek, Jan); Zappe, A (Zappe, Andrea); Chu, ZQ (Chu, Zhiqin); Cigler, P (Cigler, Petr); Wrachtrup, J (Wrachtrup, Joerg)

Source: NATURE COMMUNICATIONS **Volume:** 8 **Article Number:** 14701 **DOI:** 10.1038/ncomms14701 **Published:** MAR 20 2017

Accession Number: WOS:000396666300001

PubMed ID: 28317922

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Zemek, Ondrej	N-6587-2016	0000-0002-9907-4047
Kotek, Jan	B-1157-2017	0000-0003-1777-729X
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751

ISSN: 2041-1723

Record 26 of 45

Title: Single particle tracking of fluorescent nanodiamonds in cells and organisms

Author(s): Hui, YY (Hui, Yuen Yung); Hsiao, WWW (Hsiao, Wesley Wei-Wen); Haziza, S (Haziza, Simon); Simonneau, M (Simonneau, Michel); Treussart, F (Treussart, Francois); Chang, HC (Chang, Huan-Cheng)

Source: CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE **Volume:** 21 **Issue:** 1 **Special Issue:** SI **Pages:** 35-42 **DOI:** 10.1016/j.cossms.2016.04.002 **Published:** FEB 2017

Accession Number: WOS:000396954200005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
TREUSSART, Francois	M-3274-2013	0000-0002-1755-0688
Chang, Huan-Cheng	A-9358-2012	

ISSN: 1359-0286

eISSN: 1879-0348

Record 27 of 45**Title:** Coating nanodiamonds with biocompatible shells for applications in biology and medicine**Author(s):** Neburkova, J (Neburkova, Jitka); Vavra, J (Vavra, Jan); Cigler, P (Cigler, Petr)**Source:** CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE **Volume:** 21 **Issue:** 1 **Special Issue:** SI **Pages:** 43-53 **DOI:** 10.1016/j.cossms.2016.05.008 **Published:** FEB 2017**Accession Number:** WOS:000396954200006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751

ISSN: 1359-0286
eISSN: 1879-0348

Record 28 of 45**Title:** Current issues and challenges in surface chemistry of nanodiamonds**Author(s):** Krueger, A (Krueger, Anke)**Edited by:** Arnault JC**Source:** NANODIAMONDS: ADVANCED MATERIAL ANALYSIS, PROPERTIES AND APPLICATIONS **Book Series:** Micro & Nano Technologies **Pages:** 183-242 **Published:** 2017**Accession Number:** WOS:000416010700009**ISBN:** 978-0-323-43032-6; 978-0-323-43029-6**Record 29 of 45****Title:** Nanodiamonds embedded in shells**Author(s):** Neburkova, J (Neburkova, Jitka); Vavra, J (Vavra, Jan); Raabova, H (Raabova, Helena); Pramanik, G (Pramanik, Goutam); Havlik, J (Havlik, Jan); Cigler, P (Cigler, Petr)**Edited by:** Arnault JC**Source:** NANODIAMONDS: ADVANCED MATERIAL ANALYSIS, PROPERTIES AND APPLICATIONS **Book Series:** Micro & Nano Technologies **Pages:** 339-363 **Published:** 2017**Accession Number:** WOS:000416010700014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Havlik, Jan	H-1522-2012	0000-0001-7059-8720

ISBN: 978-0-323-43032-6; 978-0-323-43029-6

Record 30 of 45**Title:** Delivery of Fluorescent Nanoparticles to the Brain**Author(s):** Shimoni, O (Shimoni, Olga); Shi, BY (Shi, Bingyang); Adlard, PA (Adlard, Paul A.); Bush, AI (Bush, Ashley I.)**Source:** JOURNAL OF MOLECULAR NEUROSCIENCE **Volume:** 60 **Issue:** 3 **Pages:** 405-409 **DOI:** 10.1007/s12031-016-0833-5 **Published:** NOV 2016**Accession Number:** WOS:000385205200015**PubMed ID:** 27660216

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Shimoni, Olga		0000-0001-8822-1024
shi, bingyang		0000-0002-1043-3163

ISSN: 0895-8696
eISSN: 1559-1166

Record 31 of 45**Title:** Photoluminescent Carbon Nanostructures**Author(s):** Kozak, O (Kozak, Ondrej); Sudolska, M (Sudolska, Maria); Pramanik, G (Pramanik, Goutam); Cigler, P (Cigler, Petr); Otyepka, M (Otyepka, Michal); Zboril, R (Zboril, Radek)**Source:** CHEMISTRY OF MATERIALS **Volume:** 28 **Issue:** 12 **Pages:** 4085-4128 **DOI:** 10.1021/acs.chemmater.6b01372 **Published:** JUN 28 2016**Accession Number:** WOS:000378973100002

Author Identifiers:

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 Kozak, Ondrej B-6380-2015
 Otyepka, Michal D-1220-2017 0000-0002-1066-5677

ISSN: 0897-4756

eISSN: 1520-5002

Record 32 of 45

Title: Affinity of Glycan-Modified Nanodiamonds towards Lectins and Uropathogenic Escherichia Coli

Author(s): Turcheniuk, V (Turcheniuk, Volodymyr); Turcheniuk, K (Turcheniuk, Kostiantyn); Bouckaert, J (Bouckaert, Julie); Barras, A (Barras, Alexandre); Dumych, T (Dumych, Tetiana); Bilyy, R (Bilyy, Rostyslav); Zaitsev, V (Zaitsev, Vladimir); Siriwardena, A (Siriwardena, Aloysius); Wang, Q (Wang, Qi); Boukherroub, R (Boukherroub, Rabah); Szunerits, S (Szunerits, Sabine)

Source: CHEMNANOMAT **Volume:** 2 **Issue:** 4 **Pages:** 307-314 **DOI:** 10.1002/cnma.201500229 **Published:** APR 2016

Accession Number: WOS:000383772000009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Bilyy, Rostyslav	A-9777-2010	0000-0002-2344-1349
Szunerits, Sabine		0000-0002-1567-4943

eISSN: 2199-692X

Record 33 of 45

Title: Nanodiamond-PMO for two-photon PDT and drug delivery

Author(s): Jimenez, CM (Jimenez, Chiara Mauriello); Knezevic, NZ (Knezevic, Nikola Z.); Rubio, YG (Rubio, Yolanda Galan); Szunerits, S (Szunerits, Sabine); Boukherroub, R (Boukherroub, Rabah); Teodorescu, F (Teodorescu, Florina); Croissant, JG (Croissant, Jonas G.); Hocine, O (Hocine, Ouahiba); Seric, M (Seric, Martina); Raehm, L (Raehm, Laurence); Stojanovic, V (Stojanovic, Vanja); Aggad, D (Aggad, Dina); Maynadier, M (Maynadier, Marie); Garcia, M (Garcia, Marcel); Gary-Bobo, M (Gary-Bobo, Magali); Durand, JO (Durand, Jean-Olivier)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 4 **Issue:** 35 **Pages:** 5803-5808 **DOI:** 10.1039/c6tb01915c **Published:** 2016

Accession Number: WOS:000382763900005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Knezevic, Nikola	G-4791-2014	0000-0002-1563-7763
Croissant, Jonas G.	O-2419-2018	0000-0003-0489-9829
Boukherroub, Rabah	I-4826-2017	0000-0002-9795-9888
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Szunerits, Sabine		0000-0002-1567-4943

ISSN: 2050-750X

eISSN: 2050-7518

Record 34 of 45

Title: Receptor-Mediated Drug Delivery Systems Targeting to Glioma

Author(s): Wang, SS (Wang, Shanshan); Meng, Y (Meng, Ying); Li, CY (Li, Chengyi); Qian, M (Qian, Min); Huang, RQ (Huang, Rongqin)

Source: NANOMATERIALS **Volume:** 6 **Issue:** 1 **Article Number:** 3 **DOI:** 10.3390/nano6010003 **Published:** JAN 2016

Accession Number: WOS:000369502000004

PubMed ID: 28344260

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Huang, Rongqin	C-4165-2014	

ISSN: 2079-4991

Record 35 of 45

Title: Filamentation of diamond nanoparticles treated in underwater corona discharge

Author(s): Jirasek, V (Jirasek, Vit); Lukes, P (Lukes, Petr); Kozak, H (Kozak, Halyna); Artemenko, A (Artemenko, Anna); Clupek, M (Clupek, Martin); Cermak, J (Cermak, Jan); Rezek, B (Rezek, Bohuslav); Kromka, A (Kromka, Alexander)

Source: RSC ADVANCES **Volume:** 6 **Issue:** 3 **Pages:** 2352-2360 **DOI:** 10.1039/c5ra23292a **Published:** 2016

Accession Number: WOS:000368191100079

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Cermak, Jan	G-5549-2014	0000-0002-1340-5029
Lukes, Petr	G-2712-2014	0000-0002-7330-0456
Kromka, Alexander	G-9139-2014	0000-0002-3531-6748
Rezek, Bohuslav	F-7403-2014	0000-0002-0378-4598
Clupek, Martin	H-1303-2014	
Jirasek, Vit	G-5574-2014	

ISSN: 2046-2069

Record 36 of 45

Title: Mass production of fluorescent nanodiamonds with a narrow emission intensity distribution

Author(s): Stursa, J (Stursa, Jan); Havlik, J (Havlik, Jan); Petrakova, V (Petrakova, Vladimira); Gulka, M (Gulka, Michal); Rails, J (Rails, Jan); Zach, V (Zach, Vaclav); Pulec, Z (Pulec, Zdenek); Stepan, V (Stepan, Vaclav); Zargaleh, SA (Zargaleh, Soroush Abbasi); Ledvina, M (Ledvina, Miroslav); Nesladek, M (Nesladek, Milos); Treussart, F (Treussart, Francois); Cigler, P (Cigler, Petr)

Source: CARBON **Volume:** 96 **Pages:** 812-818 **DOI:** 10.1016/j.carbon.2015.09.111 **Published:** JAN 2016

Accession Number: WOS:000366078000095

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Havlik, Jan	H-1522-2012	0000-0001-7059-8720
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Stepan, Vaclav	G-7865-2014	0000-0002-7696-2877
Petrakova, Vladimira	M-7014-2017	
Cigler, Petr	B-1142-2012	

ISSN: 0008-6223

eISSN: 1873-3891

Record 37 of 45

Title: Imaging of transfection and intracellular release of intact, non-labeled DNA using fluorescent nanodiamonds

Author(s): Petrakova, V (Petrakova, V.); Benson, V (Benson, V.); Buncek, M (Buncek, M.); Fiserova, A (Fiserova, A.); Ledvina, M (Ledvina, M.); Stursa, J (Stursa, J.); Cigler, P (Cigler, P.); Nesladek, M (Nesladek, M.)

Source: NANOSCALE **Volume:** 8 **Issue:** 23 **Pages:** 12002-12012 **DOI:** 10.1039/c6nr00610h **Published:** 2016

Accession Number: WOS:000378510700029

PubMed ID: 27240633

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Petrakova, Vladimira	M-7014-2017	
Benson, Veronika	D-9942-2014	0000-0003-4770-9909
Cigler, Petr	B-1142-2012	

ISSN: 2040-3364

eISSN: 2040-3372

Record 38 of 45

Title: Nanodiamonds: The intersection of nanotechnology, drug development, and personalized medicine

Author(s): Ho, DA (Ho, Dean); Wang, CHK (Wang, Chung-Huei Katherine); Chow, EKH (Chow, Edward Kai-Hua)

Source: SCIENCE ADVANCES **Volume:** 1 **Issue:** 7 **Article Number:** e1500439 **DOI:** 10.1126/sciadv.1500439 **Published:** AUG 2015

Accession Number: WOS:000216596000021

PubMed ID: 26601235

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chow, Edward		0000-0002-3075-1898

ISSN: 2375-2548

Record 39 of 45

Title: Nanodiamond-mediated drug delivery and imaging: challenges and opportunities

Author(s): Vaijayanthimala, V (Vaijayanthimala, V.); Lee, DK (Lee, Dong Keun); Kim, SV (Kim, Sue V.); Yen, A (Yen, Albert); Tsai, N (Tsai, Nathaniel); Ho, D (Ho, Dean); Chang, HC (Chang, Huan-Cheng); Shenderova, O (Shenderova, Olga)

Source: EXPERT OPINION ON DRUG DELIVERY **Volume:** 12 **Issue:** 5 **Pages:** 735-749 **DOI:** 10.1517/17425247.2015.992412 **Published:** MAY 2015

Accession Number: WOS:000353209100004

PubMed ID: 25510332

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Record 40 of 45

Title: Toward Multifunctional "Clickable" Diamond Nanoparticles

Author(s): Khanal, M (Khanal, Manakamana); Turcheniuk, V (Turcheniuk, Volodymyr); Barras, A (Barras, Alexandre); Rosay, E (Rosay, Elodie); Bande, O (Bande, Omprakash); Siriwardena, A (Siriwardena, Aloysius); Zaitsev, V (Zaitsev, Vladimir); Pan, GH (Pan, Guo-Hui); Boukherroub, R (Boukherroub, Rabah); Szunerits, S (Szunerits, Sabine)

Source: LANGMUIR **Volume:** 31 **Issue:** 13 **Pages:** 3926-3933 **DOI:** 10.1021/acs.langmuir.5b00643 **Published:** APR 7 2015

Accession Number: WOS:000352660500021

PubMed ID: 25781327

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zaitsev, Volodymyr	H-7295-2012	0000-0001-5067-3658
BARRAS, Alexandre	C-3919-2011	0000-0003-2821-7079
Boukherroub, Rabah	I-4826-2017	0000-0002-9795-9888
Szunerits, Sabine		0000-0002-1567-4943

ISSN: 0743-7463

Record 41 of 45

Title: Plasmonic Nanodiamonds: Targeted Core-Shell Type Nanoparticles for Cancer Cell Thermoablation

Author(s): Rehor, I (Rehor, Ivan); Lee, KL (Lee, Karin L.); Chen, K (Chen, Kevin); Hajek, M (Hajek, Miroslav); Havlik, J (Havlik, Jan); Lokajova, J (Lokajova, Jana); Masat, M (Masat, Milan); Slegierova, J (Slegierova, Jitka); Shukla, S (Shukla, Sourabh); Heidari, H (Heidari, Hamed); Bals, S (Bals, Sara); Steinmetz, NF (Steinmetz, Nicole F.); Cigler, P (Cigler, Petr)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 4 **Issue:** 3 **DOI:** 10.1002/adhm.201400421 **Published:** FEB 18 2015

Accession Number: WOS:000349961600014

PubMed ID: 25336437

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hajek, Miroslav	G-1364-2014	0000-0002-8906-243X
Havlik, Jan	H-1522-2012	0000-0001-7059-8720
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124
Cigler, Petr	B-1142-2012	
Heidari Mezerji, Hamed	E-6692-2015	0000-0002-9814-9676
Bals, Sara	F-6963-2016	0000-0002-4249-8017

ISSN: 2192-2640

eISSN: 2192-2659

Record 42 of 45

Title: Unprecedented inhibition of glycosidase-catalyzed substrate hydrolysis by nanodiamond-grafted Oglycosides

Author(s): Siriwardena, A (Siriwardena, Aloysius); Khanal, M (Khanal, Manakamana); Barras, A (Barras, Alexandre); Bande, O (Bande, Omprakash); Mena-Barragan, T (Mena-Barragan, Teresa); Mellet, CO (Ortiz Mellet, Carmen); Fernandez, JMG (Garcia Fernandez, Jose Manuel); Boukherroub, R (Boukherroub, Rabah); Szunerits, S (Szunerits, Sabine)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 122 **Pages:** 100568-100578 **DOI:** 10.1039/c5ra21390h **Published:** 2015

Accession Number: WOS:000365581700019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Ortiz Mellet, Carmen	C-7993-2011	0000-0002-7676-7721
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Boukherroub, Rabah	I-4826-2017	0000-0002-9795-9888

ISSN: 2046-2069

Record 43 of 45

Title: Novel chemotherapeutics and other therapies for treating high-grade glioma

Author(s): Kang, JH (Kang, Jennifer H.); Adamson, C (Adamson, Cory)

Source: EXPERT OPINION ON INVESTIGATIONAL DRUGS **Volume:** 24 **Issue:** 10 **Pages:** 1361-1379 **DOI:** 10.1517/13543784.2015.1048332 **Published:** 2015

Accession Number: WOS:000361319500007

PubMed ID: 26289791

ISSN: 1354-3784
eISSN: 1744-7658

Record 44 of 45

Title: Charge-sensitive fluorescent nanosensors created from nanodiamonds

Author(s): Petrakova, V (Petrakova, V.); Rehor, I (Rehor, I.); Stursa, J (Stursa, J.); Ledvina, M (Ledvina, M.); Nesladek, M (Nesladek, M.); Cigler, P (Cigler, P.)

Source: NANOSCALE **Volume:** 7 **Issue:** 29 **Pages:** 12307-12311 **DOI:** 10.1039/c5nr00712g **Published:** 2015

Accession Number: WOS:000358207700007

PubMed ID: 26138745

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stursa, Jan	G-7950-2014	
Cigler, Petr	B-1142-2012	
Petrakova, Vladimira	M-7014-2017	
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124

ISSN: 2040-3364

eISSN: 2040-3372

Record 45 of 45

Title: Carbon nanomaterials: multi-functional agents for biomedical fluorescence and Raman imaging

Author(s): Bartelmess, J (Bartelmess, J.); Quinn, SJ (Quinn, S. J.); Giordani, S (Giordani, S.)

Source: CHEMICAL SOCIETY REVIEWS **Volume:** 44 **Issue:** 14 **Pages:** 4672-4698 **DOI:** 10.1039/c4cs00306c **Published:** 2015

Accession Number: WOS:000357691200010

PubMed ID: 25406743

Author Identifiers:

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Giordani, Silvia	O-6545-2019	0000-0002-9212-5067
Giordani, Silvia	C-5343-2009	0000-0002-9212-5067
Quinn, Susan		0000-0002-7773-8842

ISSN: 0306-0012

eISSN: 1460-4744

Publication No 10 of 132

Title: Novel pH-responsive nanoparticles

Author(s): Filippov, S (Filippov, Sergey); Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Mackova, H (Mackova, Hana); Spirkova, M (Spirkova, Milena); Stepanek, P (Stepanek, Petr)

Source: LANGMUIR **Volume:** 24 **Issue:** 17 **Pages:** 9295-9301 **DOI:** 10.1021/la801472x **Published:** SEP 2 2008

Accession Number: WOS:000258722100023

PubMed ID: 18686981

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Mackova, Hana	G-3247-2014	
Spirkova, Milena	H-4609-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Konak, Cestmir	H-7177-2014	

ISSN: 0743-7463

Record 1 of 42

Title: Modified Methacrylate Hydrogels Improve Tissue Repair after Spinal Cord Injury

Author(s): Hejcl, A (Hejcl, Ales); Ruzicka, J (Ruzicka, Jiri); Kekulova, K (Kekulova, Kristyna); Svobodova, B (Svobodova, Barbora); Proks, V (Proks, Vladimir); Mackova, H (Mackova, Hana); Jirankova, K (Jirankova, Katerina); Karova, K (Karova, Kristyna); Urdzikova, LM (Urdzikova, Lucia Machova); Kubinova, S (Kubinova, Sarka); Cihlar, J (Cihlar, Jiri); Horak, D (Horak, Daniel); Jendelova, P (Jendelova, Pavla)

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES **Volume:** 19 **Issue:** 9 **Article Number:** 2481 **DOI:** 10.3390/ijms19092481 **Published:** SEP 2018

Accession Number: WOS:000449988100017

PubMed ID: 30131482

Author Identifiers:

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Mackova, Hana	G-3247-2014	
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Machova Urdzikova, Lucia		0000-0001-7622-5837
Svobodova, Barbora		0000-0002-5791-6349

ISSN: 1422-0067

Record 2 of 42

Title: Preparation and characterisation of a sensing system for wireless pH measurements in vivo, in a rumen of a cow

Author(s): Schanzenbach, C (Schanzenbach, Christoph); Ilver, D (Ilver, Dag); Blomgren, J (Blomgren, Jakob); Jonasson, C (Jonasson, Christian); Johansson, C (Johansson, Christer); Krozer, A (Krozer, Anatol); Ye, L (Ye, Lei); Rustas, BO (Rustas, Bengt-Ove)

Source: SENSORS AND ACTUATORS B-CHEMICAL **Volume:** 242 **Pages:** 637-644 **DOI:** 10.1016/j.snb.2016.11.089 **Published:** APR 2017

Accession Number: WOS:000393267700078

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ye, Lei	B-5303-2009	0000-0002-3646-4072
Ye, Lei	O-7391-2019	0000-0002-3646-4072
Johansson, Christer		0000-0002-6662-8023

ISSN: 0925-4005

Record 3 of 42

Title: Polyelectrolyte pH-Responsive Protein-Containing Nanoparticles: The Physicochemical Supramolecular Approach

Author(s): Riabtseva, A (Riabtseva, Anna); Kabarov, LI (Kabarov, Leonid I.); Kucka, J (Kucka, Jan); Bogomolova, A (Bogomolova, Anna); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 33 **Issue:** 3 **Pages:** 764-772 **DOI:** 10.1021/acs.langmuir.6b03778 **Published:** JAN 24 2017

Accession Number: WOS:000392888600012

PubMed ID: 28045529

Author Identifiers:

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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Kucka, Jan	G-7884-2014	
Bogomolova, Anna	O-2982-2016	
Kabarov, Leonid	B-9047-2016	0000-0002-5199-9980
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Hruby, Martin		0000-0002-5075-261X

ISSN: 0743-7463

Record 4 of 42

Title: Engineering Multifunctional Films Based on Metal-Phenolic Networks for Rational pH-Responsive Delivery and Cell Imaging

Author(s): Liang, HS (Liang, Hongshan); Li, J (Li, Jing); He, Y (He, Yun); Xu, W (Xu, Wei); Liu, SL (Liu, Shilin); Li, Y (Li, Yan); Chen, YJ (Chen, Yijie); Li, B (Li, Bin)

Source: ACS BIOMATERIALS SCIENCE & ENGINEERING **Volume:** 2 **Issue:** 3 **Pages:** 317-325 **DOI:** 10.1021/acsbiomaterials.5b00363 **Published:** MAR 2016

Accession Number: WOS:000372396000003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Yan	D-1806-2016	

ISSN: 2373-9878

Record 5 of 42

Title: Relevant Physicochemical Descriptors of "Soft Nanomedicines" to Bypass Biological Barriers
Author(s): Nino-Pariente, A (Nino-Pariente, Amaya); Nebot, VJ (Nebot, Vicent J.); Vicent, MJ (Vicent, Maria J.)
Source: CURRENT PHARMACEUTICAL DESIGN **Volume:** 22 **Issue:** 9 **Pages:** 1274-1291 **DOI:** 10.2174/1381612822666151216152143 **Published:** 2016
Accession Number: WOS:000372072100013
PubMed ID: 26675217
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vicent, Maria J.	O-3664-2019	0000-0001-7771-3373
Vicent, Maria J.	A-9690-2014	0000-0001-7771-3373

ISSN: 1381-6128
eISSN: 1873-4286

Record 6 of 42

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems
Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)
Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016
Accession Number: WOS:000386686800003
PubMed ID: 27762583
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Hruby, Martin	H-6479-2014	

ISSN: 0862-8408
eISSN: 1802-9973

Record 7 of 42

Title: Nature-Inspired Stimuli-Responsive Polymers for Drug Delivery
Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Felklova, V (Felklova, Veronika); Stepanek, P (Stepanek, Petr)
Source: CHEMICKE LISTY **Volume:** 109 **Issue:** 7 **Pages:** 482-487 **Published:** JUL 2015
Accession Number: WOS:000360567700002
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0009-2770
eISSN: 1213-7103

Record 8 of 42

Title: Enteric Polymer Based on pH-Responsive Aliphatic Polycarbonate Functionalized with Vitamin E To Facilitate Oral Delivery of Tacrolimus
Author(s): Wang, ML (Wang, Menglin); Sun, J (Sun, Jin); Zhai, YL (Zhai, Yinglei); Lian, H (Lian, He); Luo, C (Luo, Cong); Li, L (Li, Lin); Du, YQ (Du, Yuqian); Zhang, D (Zhang, Dong); Ding, WY (Ding, Wenya); Qiu, SH (Qiu, Shuhong); Liu, YH (Liu, Yuhai); Kou, LF (Kou, Longfa); Han, XF (Han, Xiangfei); Xiang, RW (Xiang, Rongwu); Wang, YJ (Wang, Yongjun); He, ZG (He, Zhonggui)
Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 4 **Pages:** 1179-1190 **DOI:** 10.1021/bm501847u **Published:** APR 2015
Accession Number: WOS:000353006000011
PubMed ID: 25714622
ISSN: 1525-7797
eISSN: 1526-4602

Record 9 of 42

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?
Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)
Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015
Accession Number: WOS:000353076900007
 Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

Hruby, Martin H-6479-2014
Filippov, Sergey B-8438-2009 0000-0002-4253-5076
ISSN: 0014-3057
eISSN: 1873-1945

Record 10 of 42

Title: In vitro and in vivo evaluation of PEG-conjugated ketal-based chitosan micelles as pH-sensitive carriers
Author(s): Chen, DQ (Chen, Daquan); Sun, JF (Sun, Jingfang)
Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 6 **Pages:** 998-1004 **DOI:** 10.1039/c4py01639d **Published:** 2015
Accession Number: WOS:000349034000018
ISSN: 1759-9954
eISSN: 1759-9962

Record 11 of 42

Title: pH Responsive Polymers with Amino Acids in the Side Chains and Their Potential Applications
Author(s): Roy, SG (Roy, Saswati Ghosh); De, P (De, Priyadarsi)
Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 131 **Issue:** 20 **Article Number:** 41084 **DOI:** 10.1002/app.41084 **Published:** OCT 15 2014
Accession Number: WOS:000340239000073
ISSN: 0021-8995
eISSN: 1097-4628

Record 12 of 42

Title: Self-Assembly Thermodynamics of pH-Responsive Amino-Acid-Based Polymers with a Nonionic Surfactant
Author(s): Bogomolova, A (Bogomolova, Anna); Keller, S (Keller, Sandro); Klingler, J (Klingler, Johannes); Sedlak, M (Sedlak, Marian); Rak, D (Rak, Dmytro); Sturcova, A (Sturcova, Adriana); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)
Source: LANGMUIR **Volume:** 30 **Issue:** 38 **Pages:** 11307-11318 **DOI:** 10.1021/la5031262 **Published:** SEP 30 2014
Accession Number: WOS:000342607000008
PubMed ID: 25192406
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bogomolova, Anna	O-2982-2016	
Sturcova, Adriana	G-7316-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Keller, Sandro	G-7202-2016	0000-0001-5469-8772
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Rak, Dmytro		0000-0001-7531-7772
Sedlak, Marian		0000-0003-2951-2846

ISSN: 0743-7463

Record 13 of 42

Title: Facile RAFT synthesis of side-chain amino acids containing pH-responsive hyperbranched and star architectures
Author(s): Roy, SG (Roy, Saswati Ghosh); De, P (De, Priyadarsi)
Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 21 **Pages:** 6365-6378 **DOI:** 10.1039/c4py00766b **Published:** 2014
Accession Number: WOS:000342761200026
ISSN: 1759-9954
eISSN: 1759-9962

Record 14 of 42

Title: The use of smart polymers in medical devices for minimally invasive surgery, diagnosis and other applications
Author(s): Gomez-Mascaraque, LG (Gomez-Mascaraque, L. G.); Palao-Suay, R (Palao-Suay, R.); Vazquez, B (Vazquez, B.)
Edited by: Aguilar MR; SanRoman J
Source: SMART POLYMERS AND THEIR APPLICATIONS **Book Series:** Woodhead Publishing in Materials **Pages:** 359-407 **DOI:** 10.1533/9780857097026.2.359 **Published:** 2014
Accession Number: WOS:000341717000012
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vazquez-Lasa, Blanca	U-9722-2018	0000-0001-5539-8026
Gomez Gomez-Mascaraque, Laura	C-6483-2017	0000-0002-3953-3942

Record 15 of 42

Title: Use of Novel Polyurethane Microspheres in a Curcumin Delivery System

Author(s): Hu, YM (Hu, Yongmei); Li, QS (Li, Qingshan); Hong, W (Hong, Wei); Xing, GZ (Xing, Guangzhong); Jiang, QL (Jiang, Qilong); Lv, WF (Lv, Wenfeng)

Source: JOURNAL OF SPECTROSCOPY **Article Number:** 926268 **DOI:** 10.1155/2014/926268 **Published:** 2014

Accession Number: WOS:000340425700001

ISSN: 2314-4920

eISSN: 2314-4939

Record 16 of 42

Title: Novel pH-Sensitive Biodegradable Polymeric Drug Delivery Systems Based on Ketal Polymers

Author(s): Chen, DQ (Chen, Daquan); Wang, HB (Wang, Hongbo)

Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY **Volume:** 14 **Issue:** 1 **Pages:** 983-989 **DOI:** 10.1166/jnn.2014.9190 **Published:** JAN 2014

Accession Number: WOS:000331803900067

PubMed ID: 24730315

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ISSN: 1533-4880

eISSN: 1533-4899

Record 17 of 42

Title: Paclitaxel-loaded nanoparticles decorated with anti-CD133 antibody: a targeted therapy for liver cancer stem cells

Author(s): Jin, C (Jin, Cheng); Yang, ZX (Yang, Zhaoxu); Yang, JY (Yang, Jingyue); Li, HM (Li, Haimin); He, Y (He, Yong); An, JZ (An, Jiaze); Bai, L (Bai, Ling); Dou, KF (Dou, Kefeng)

Source: JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 16 **Issue:** 1 **Article Number:** UNSP 2157 **DOI:** 10.1007/s11051-013-2157-5 **Published:** DEC 4 2013

Accession Number: WOS:000328229400001

Author Identifiers:

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Li, Haimin 0000-0003-0276-615X

ISSN: 1388-0764

eISSN: 1572-896X

Record 18 of 42

Title: Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties

Author(s): Bogomolova, A (Bogomolova, Anna); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Rabyk, M (Rabyk, Maria); Turner, S (Turner, Stuart); Bals, S (Bals, Sara); Steinhart, M (Steinhart, Milos); Zhigunov, A (Zhigunov, Alexander); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY **Volume:** 46 **Pages:** 1690-1698 **DOI:** 10.1107/S0021889813027064 **Part:** 6 **Published:** DEC 2013

Accession Number: WOS:000327070000020

Author Identifiers:

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Turner, Stuart	E-9219-2010	0000-0002-1073-4783
Zhigunov, Alexander	C-3924-2012	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Steinhart, Milos	H-6968-2014	
Bogomolova, Anna	O-2982-2016	
Hruby, Martin	H-6479-2014	
Rabyk, Mariia	O-4625-2015	
Bals, Sara	F-6963-2016	0000-0002-4249-8017

ISSN: 1600-5767

Record 19 of 42**Title:** Hydrolytically Degradable Polymer Micelles for Drug Delivery: A SAXS/SANS Kinetic Study**Author(s):** Filippov, SK (Filippov, Sergey K.); Franklin, JM (Franklin, John M.); Konarev, PV (Konarev, Petr V.); Chytil, P (Chytil, Petr); Etrych, T (Etrych, Tomas); Bogomolova, A (Bogomolova, Anna); Dyakonova, M (Dyakonova, Margarita); Papadakis, CM (Papadakis, Christine M.); Radulescu, A (Radulescu, Aurel); Ulbrich, K (Ulbrich, Karel); Stepanek, P (Stepanek, Petr); Svergun, DI (Svergun, Dmitri I.)**Source:** BIOMACROMOLECULES **Volume:** 14 **Issue:** 11 **Pages:** 4061-4070 **DOI:** 10.1021/bm401186z **Published:** NOV 2013**Accession Number:** WOS:000326955900027**PubMed ID:** 24083567

Author Identifiers:

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Bogomolova, Anna	O-2982-2016	
Chytil, Petr	G-9853-2014	
Konarev, Petr	W-1380-2017	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Ulbrich, Karel	G-5145-2014	
Svergun, Dmitri		0000-0003-0830-5696
Radulescu, Aurel		0000-0002-6050-0176

ISSN: 1525-7797**eISSN:** 1526-4602**Record 20 of 42****Title:** Collective polyelectrolyte diffusion as a function of counterion size and dielectric constant**Author(s):** Filippov, SK (Filippov, Sergey K.); Seery, TAP (Seery, Thomas A. P.); Kriz, J (Kriz, Jaroslav); Hruby, M (Hruby, Martin); Cernoch, P (Cernoch, Peter); Sedlacek, O (Sedlacek, Ondrej); Kadlec, P (Kadlec, Petr); Panek, J (Panek, Jiri); Stepanek, P (Stepanek, Petr)**Source:** POLYMER INTERNATIONAL **Volume:** 62 **Issue:** 9 **Pages:** 1271-1276 **DOI:** 10.1002/pi.4410 **Published:** SEP 2013**Accession Number:** WOS:000322580300002

Author Identifiers:

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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Kriz, Jaroslav	H-7510-2014	
Cernoch, Peter	H-6988-2014	
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	
Kadlec, Petr	G-8988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0959-8103**Record 21 of 42****Title:** Temperature- and pH-responsive nanoparticles of biocompatible polyurethanes for doxorubicin delivery**Author(s):** Wang, AN (Wang, Anning); Gao, H (Gao, Hui); Sun, YF (Sun, Yanfang); Sun, YL (Sun, Yu-long); Yang, YW (Yang, Ying-Wei); Wu, GL (Wu, Guolin); Wang, YN (Wang, Yinong); Fan, YG (Fan, Yunge); Ma, JB (Ma, Jianbiao)**Source:** INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 441 **Issue:** 1-2 **Pages:** 30-39 **DOI:** 10.1016/j.ijpharm.2012.12.021 **Published:** JAN 30 2013**Accession Number:** WOS:000314054200004**PubMed ID:** 23262421

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gao, Hui	G-8400-2012	0000-0002-5009-9999
Sun, Yu-Long	K-8128-2012	
Yang, Ying-Wei	B-2445-2009	0000-0001-8839-8161
Sun, Yulong	G-5991-2018	0000-0001-7642-1096

ISSN: 0378-5173**Record 22 of 42****Title:** Development of polymeric nanoparticles showing tuneable pH-responsive precipitation**Author(s):** Vakurov, A (Vakurov, Alexander); Pchelintsev, NA (Pchelintsev, Nikolay A.); Gibson, T (Gibson, Tim); Millner, P (Millner, Paul)**Source:** JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 14 **Issue:** 12 **Article Number:** 1302 **DOI:** 10.1007/s11051-012-1302-x **Published:** DEC 2012**Accession Number:** WOS:000312894200044

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pchelintsev, Nikolay	D-1217-2009	
Vakurov, Alexander		0000-0001-6654-4287

ISSN: 1388-0764

Record 23 of 42

Title: pH-sensitive vesicles, polymeric micelles, and nanospheres prepared with polycarboxylates

Author(s): Felber, AE (Felber, Arnaud E.); Dufresne, MH (Dufresne, Marie-Helene); Leroux, JC (Leroux, Jean-Christophe)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 64 **Issue:** 11 **Pages:** 979-992 **DOI:** 10.1016/j.addr.2011.09.006 **Published:** AUG 2012

Accession Number: WOS:000307689600003

PubMed ID: 21996056

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Leroux, Jean-Christophe	N-4202-2015	0000-0001-5601-1292

ISSN: 0169-409X

Record 24 of 42

Title: Macromolecular HPMa-Based Nanoparticles with Cholesterol for Solid-Tumor Targeting: Detailed Study of the Inner Structure of a Highly Efficient Drug Delivery System

Author(s): Filippov, SK (Filippov, Sergey K.); Chytil, P (Chytil, Petr); Konarev, PV (Konarev, Petr V.); Dyakonova, M (Dyakonova, Margarita); Papadakis, CM (Papadakis, Christine M.); Zhigunov, A (Zhigunov, Alexander); Plestil, J (Plestil, Josef); Stepanek, P (Stepanek, Petr); Etrych, T (Etrych, Tomas); Ulbrich, K (Ulbrich, Karel); Svergun, DI (Svergun, Dmitri I.)

Source: BIOMACROMOLECULES **Volume:** 13 **Issue:** 8 **Pages:** 2594-2604 **DOI:** 10.1021/bm3008555 **Published:** AUG 2012

Accession Number: WOS:000307422300044

PubMed ID: 22793269

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Plestil, Josef	H-6807-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Konarev, Petr	W-1380-2017	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Zhigunov, Alexander	C-3924-2012	
Ulbrich, Karel	G-5145-2014	
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Chytil, Petr	G-9853-2014	
Svergun, Dmitri		0000-0003-0830-5696

ISSN: 1525-7797

Record 25 of 42

Title: Coordination bonding based pH-responsive albumin nanoparticles for anticancer drug delivery

Author(s): Li, CG (Li, Chenguang); Xing, L (Xing, Lei); Che, SA (Che, Shunai)

Source: DALTON TRANSACTIONS **Volume:** 41 **Issue:** 13 **Pages:** 3714-3719 **DOI:** 10.1039/c2dt30226h **Published:** 2012

Accession Number: WOS:000301291900016

PubMed ID: 22370556

ISSN: 1477-9226

Record 26 of 42

Title: Synthesis and characterization of poly(aspartic acid) derivatives conjugated with various amino acids

Author(s): Kim, JH (Kim, Ji-Heung); Son, CM (Son, Chang Mo); Jeon, YS (Jeon, Young Sil); Choe, WS (Choe, Woo-Seok)

Source: JOURNAL OF POLYMER RESEARCH **Volume:** 18 **Issue:** 5 **Pages:** 881-890 **DOI:** 10.1007/s10965-010-9485-2 **Published:** SEP 2011

Accession Number: WOS:000293001500004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Choe, Woo-Seok	B-2469-2013	

ISSN: 1022-9760

Record 27 of 42

Title: Comparative studies on brij reverse micelles prepared in benzene/surfactant/ethylammonium nitrate systems: Effect of head group size and polarity of the hydrocarbon chain

Author(s): Ghosh, S (Ghosh, Sumit)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 360 **Issue:** 2 **Pages:** 672-680 **DOI:** 10.1016/j.jcis.2011.05.006 **Published:** AUG 15 2011

Accession Number: WOS:000292066100044

PubMed ID: 21621794

ISSN: 0021-9797

Record 28 of 42

Title: Behavior of polyelectrolyte solutions in a wide range of solvent dielectric constant

Author(s): Filippov, SK (Filippov, Sergey K.); Seery, TAP (Seery, Thomas A. P.); Cernoch, P (Cernoch, Peter); Panek, J (Panek, Jiri); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 47 **Issue:** 7 **Pages:** 1410-1415 **DOI:** 10.1016/j.eurpolymj.2011.05.002 **Published:** JUL 2011

Accession Number: WOS:000293051800007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Panek, Jiri	H-7129-2014	

ISSN: 0014-3057

Record 29 of 42

Title: PH-responsive nano-assemblies of amino poly(glycerol methacrylate)

Author(s): Gao, H (Gao Hui); Ma, YN (Ma Yanan); Lu, XY (Lu Xueyou); Liang, YR (Liang Yongri); Chen, BQ (Chen Baoquan); Ma, JB (Ma Jianbiao)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 47 **Issue:** 6 **Pages:** 1232-1239 **DOI:** 10.1016/j.eurpolymj.2011.03.009 **Published:** JUN 2011

Accession Number: WOS:000291523600002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gao, Hui	G-8400-2012	0000-0002-5009-9999

ISSN: 0014-3057

Record 30 of 42

Title: Anti-tumor drug delivery of pH-sensitive poly(ethylene glycol)-poly(L-histidine-)-poly(L-lactide) nanoparticles

Author(s): Liu, R (Liu, Rong); Li, D (Li, Dong); He, B (He, Bin); Xu, XH (Xu, Xianghui); Sheng, MM (Sheng, Mingming); Lai, YS (Lai, Yusi); Wang, G (Wang, Gang); Gu, ZW (Gu, Zhongwei)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 152 **Issue:** 1 **Special Issue:** SI **Pages:** 49-56 **DOI:** 10.1016/j.jconrel.2011.02.031 **Published:** MAY 30 2011

Accession Number: WOS:000292718200007

PubMed ID: 21397642

ISSN: 0168-3659

Record 31 of 42

Title: Novel Bolaamphiphilic Pyrimidinophane As Building Block for Design of Nanosized Supramolecular Systems with Concentration-Dependent Structural Behavior

Author(s): Voronin, MA (Voronin, Mikhail A.); Gabdrakhmanov, DR (Gabdrakhmanov, Dinar R.); Semenov, VE (Semenov, Vyacheslav E.); Valeeva, FG (Valeeva, Farida G.); Mikhailov, AS (Mikhailov, Anatoly S.); Nizameev, IR (Nizameev, Irek R.); Kadirov, MK (Kadirov, Marsil K.); Zakharova, LY (Zakharova, Lucia Ya.); Reznik, VS (Reznik, Vladimir S.); Konovalov, AI (Konovalov, Alexander I.)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 3 **Issue:** 2 **Pages:** 402-409 **DOI:** 10.1021/am101000j **Published:** FEB 2011

Accession Number: WOS:000287639400041

PubMed ID: 21261278

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zakharova, Lucia	E-8874-2014	
Reznik, Vladimir	F-5577-2014	
Semenov, Vyacheslav	F-5547-2014	0000-0001-8350-2433
Nizameev, Irek	D-5128-2014	
Konovalov, Alexander	D-4309-2015	

ISSN: 1944-8244

Record 32 of 42

Title: Polymeric Nanoparticles Stabilized by Surfactants Investigated by Light Scattering, Small-Angle Neutron Scattering, and Cryo-TEM Methods

Author(s): Panek, J (Panek, Jiri); Filippov, SK (Filippov, Sergey K.); Konak, C (Konak, Cestmir); Nallet, F (Nallet, Frederic); Noirez, L (Noirez, Laurence); Karlsson, G (Karlsson, Goran); Stepanek, P (Stepanek, Petr)

Source: JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY **Volume:** 32 **Issue:** 6 **Pages:** 888-897 **Article Number:** PII 937918649 **DOI:** 10.1080/01932691.2010.488475 **Published:** 2011

Accession Number: WOS:000290988400018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Konak, Cestmir	H-7177-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Panek, Jiri	H-7129-2014	

ISSN: 0193-2691

Record 33 of 42

Title: Polymeric Nanoparticles Stabilized by Surfactants: Kinetic Studies

Author(s): Panek, J (Panek, Jiri); Filippov, SK (Filippov, Sergey K.); Konak, C (Konak, Cestmir); Steinhart, M (Steinhart, Milos); Stepanek, P (Stepanek, Petr)

Source: JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY **Volume:** 32 **Issue:** 8 **Pages:** 1105-1110 **DOI:** 10.1080/01932691.2010.497697 **Published:** 2011

Accession Number: WOS:000295219200005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panek, Jiri	H-7129-2014	
Steinhart, Milos	H-6968-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Konak, Cestmir	H-7177-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0193-2691

Record 34 of 42

Title: Mechanoresponsive polymer nanoparticles, nanofibers and coatings as drug carriers and components of microfluidic devices

Author(s): Zhang, Y (Zhang, Y.); Sinha-Ray, S (Sinha-Ray, S.); Yarin, AL (Yarin, A. L.)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 21 **Issue:** 23 **Pages:** 8269-8281 **DOI:** 10.1039/c0jm03634j **Published:** 2011

Accession Number: WOS:000291112600004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhang, Yiyun	H-7526-2013	0000-0002-2358-9271

ISSN: 0959-9428

Record 35 of 42

Title: Polymeric Micelles in Anticancer Therapy: Targeting, Imaging and Triggered Release

Author(s): Oerlemans, C (Oerlemans, Chris); Bult, W (Bult, Wouter); Bos, M (Bos, Mariska); Storm, G (Storm, Gert); Nijssen, JFW (Nijssen, J. Frank W.); Hennink, WE (Hennink, Wim E.)

Source: PHARMACEUTICAL RESEARCH **Volume:** 27 **Issue:** 12 **Pages:** 2569-2589 **DOI:** 10.1007/s11095-010-0233-4 **Published:** DEC 2010

Accession Number: WOS:000284324200006

PubMed ID: 20725771

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Storm, Gerrit	O-8696-2016	
Nijssen, Frank	C-2839-2018	0000-0001-7625-2253

ISSN: 0724-8741

eISSN: 1573-904X

Record 36 of 42

Title: pH Sensitive Polymer Nanoparticles: Effect of Hydrophobicity on Self-Assembly

Author(s): Filippov, SK (Filippov, Sergey K.); Starovoytova, L (Starovoytova, Larisa); Konak, C (Konak, Cestmir); Hruby, M (Hruby,

Martin); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Stepanek, P (Stepanek, Petr)

Source: LANGMUIR **Volume:** 26 **Issue:** 18 **Pages:** 14450-14457 **DOI:** 10.1021/la1018778 **Published:** SEP 21 2010

Accession Number: WOS:000281690600013

PubMed ID: 20795676

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Konak, Cestmir	H-7177-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Starovoytova, Larisa	E-3931-2012	
Mackova, Hana	G-3247-2014	

ISSN: 0743-7463

Record 37 of 42

Title: Fluorescent probe studies of micropolarity, premicellar and micellar aggregation of non-ionic Brij surfactants

Author(s): Sowmiya, M (Sowmiya, M.); Tiwari, AK (Tiwari, Amit K.); Saha, SK (Saha, Subit K.)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 344 **Issue:** 1 **Pages:** 97-104 **DOI:** 10.1016/j.jcis.2009.12.021 **Published:** APR 1 2010

Accession Number: WOS:000274991400014

PubMed ID: 20089255

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tiwari, Amit Kumar	C-4018-2014	0000-0003-3350-8575

ISSN: 0021-9797

eISSN: 1095-7103

Record 38 of 42

Title: Stimuli-responsive nanoparticles, nanogels and capsules for integrated multifunctional intelligent systems

Author(s): Motornov, M (Motornov, Mikhail); Roiter, Y (Roiter, Yuri); Tokarev, I (Tokarev, Ihor); Minko, S (Minko, Sergiy)

Source: PROGRESS IN POLYMER SCIENCE **Volume:** 35 **Issue:** 1-2 **Special Issue:** SI **Pages:** 174-211 **DOI:** 10.1016/j.progpolymsci.2009.10.004 **Published:** JAN-FEB 2010

Accession Number: WOS:000274776300009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Minko, Sergiy	A-9458-2009	0000-0002-7747-9668
Tokarev, Igor	B-2876-2009	
Roiter, Yuri	B-3100-2009	0000-0001-6968-4656

ISSN: 0079-6700

eISSN: 1873-1619

Record 39 of 42

Title: STIMULI-RESPONSIVE POLYMERIC MICELLES FOR DRUG DELIVERY PURPOSES

Author(s): Hruby, M (Hruby, Martin)

Edited by: Li S; Tiwari A; Prabakaran M; Aryal S

Source: SMART POLYMER MATERIALS FOR BIOMEDICAL APPLICATIONS **Book Series:** Materials Science and Technologies **Pages:** 193-211 **Published:** 2010

Accession Number: WOS:000283525900012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISBN: 978-1-60876-192-0

Record 40 of 42

Title: Characterizations of Novel Poly(aspartic acid) Derivatives Conjugated with gamma-Amino Butyric Acid (GABA) as the Bioactive Molecule

Author(s): Kim, SI (Kim, Seung Il); Son, CM (Son, Chang Mo); Jeon, YS (Jeon, Young Sil); Kim, JH (Kim, Ji-Heung)

Source: BULLETIN OF THE KOREAN CHEMICAL SOCIETY **Volume:** 30 **Issue:** 12 **Pages:** 3025-3030 **DOI:** 10.5012/bkcs.2009.30.12.3025 **Published:** DEC 20 2009

Accession Number: WOS:000276083700040

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kim, Seungil		0000-0002-4231-3721
Kim, Seung Il		0000-0003-1314-4049

ISSN: 1229-5949

Record 41 of 42

Title: Synthesis and Self-Assembly of pH-Responsive Amphiphilic Poly(dimethylaminoethyl methacrylate)-block-Poly(pentafluorostyrene) Block Copolymer in Aqueous Solution

Author(s): Tan, BH (Tan, Beng H.); Gudipati, CS (Gudipati, Chakravarthy S.); Hussain, H (Hussain, Hazrat); He, CB (He, Chaobin); Liu, Y (Liu, Ye); Davis, TP (Davis, Thomas P.)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 30 **Issue:** 12 **Pages:** 1002-1008 **DOI:** 10.1002/marc.200800799 **Published:** JUN 17 2009

Accession Number: WOS:000267564600007

PubMed ID: 21706562

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Liu, Ye	G-4875-2010	0000-0002-8473-6538
He, Chaobin	G-5755-2011	0000-0001-8200-8337
Davis, Thomas	B-6395-2008	0000-0003-2581-4986
Hussain, Hazrat	C-2547-2008	

ISSN: 1022-1336

eISSN: 1521-3927

Record 42 of 42

Title: Stimuli-responsive copolymers of n-isopropyl acrylamide with enhanced longevity in water for micro- and nanofluidics, drug delivery and non-woven applications

Author(s): Zhang, YY (Zhang, Yiyun); Yarin, AL (Yarin, Alexander L.)

Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 19 **Issue:** 27 **Pages:** 4732-4739 **DOI:** 10.1039/b902000d **Published:** 2009

Accession Number: WOS:000267571800010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhang, Yiyun	H-7526-2013	0000-0002-2358-9271

ISSN: 0959-9428

eISSN: 1364-5501

Publication No 11 of 132

Title: New bioerodable thermoresponsive polymers for possible radiotherapeutic applications

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej); Mackova, H (Mackova, Hana); Babic, M (Babic, Michal); Konak, C (Konak, Cestmir); Studenovsky, M (Studenovsky, Martin); Sikora, A (Sikora, Antonin); Kozempel, J (Kozempel, Jan); Ulbrich, K (Ulbrich, Karel)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 119 **Issue:** 1 **Pages:** 25-33 **DOI:** 10.1016/j.jconrel.2007.02.009 **Published:** MAY 14 2007

Accession Number: WOS:000246678100002

PubMed ID: 17379348

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konak, Cestmir	H-7177-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Mackova, Hana	G-3247-2014	
Sikora, Antonin	H-2046-2014	
Studenovsky, Martin	H-4627-2014	
Babic, Michal	B-7075-2013	

Kozempel, Jan	E-2281-2011	0000-0002-6315-9225
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Babic, Michal	H-4353-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0168-3659

Record 1 of 39

Title: Thermo-sensitive polymers in medicine: A review

Author(s): Zarrintaj, P (Zarrintaj, Payam); Jouyandeh, M (Jouyandeh, Maryam); Ganjali, MR (Ganjali, Mohammad Reza); Hadavand, BS (Hadavand, Behzad Shirkavand); Mozafari, M (Mozafari, Masoud); Sheiko, SS (Sheiko, Sergei S.); Vatankhah-Varnoosfaderani, M (Vatankhah-Varnoosfaderani, Mohammad); Gutierrez, TJ (Gutierrez, Tomy J.); Saeb, MR (Saeb, Mohammad Reza)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 117 **Pages:** 402-423 **DOI:** 10.1016/j.eurpolymj.2019.05.024 **Published:** AUG 2019

Accession Number: WOS:000473842300036

ISSN: 0014-3057

eISSN: 1873-1945

Record 2 of 39

Title: Enhanced Delivery of Radiolabeled Polyoxazoline into Tumors via Self-Aggregation under Hyperthermic Conditions

Author(s): Sano, K (Sano, Kohei); Kanada, Y (Kanada, Yuko); Takahashi, K (Takahashi, Katsushi); Ding, N (Ding, Ning); Kanazaki, K (Kanazaki, Kengo); Mukai, T (Mukai, Takahiro); Ono, M (Ono, Masahiro); Saji, H (Saji, Hideo)

Source: MOLECULAR PHARMACEUTICS **Volume:** 15 **Issue:** 9 **Pages:** 3997-4003 **DOI:** 10.1021/acs.molpharmaceut.8b00441 **Published:** SEP 2018

Accession Number: WOS:000443923800039

PubMed ID: 30036483

ISSN: 1543-8384

Record 3 of 39

Title: Polymer nitric oxide donors potentiate the treatment of experimental solid tumours by increasing drug accumulation in the tumour tissue

Author(s): Studenovsky, M (Studenovsky, M.); Sivak, L (Sivak, L.); Sedlacek, O (Sedlacek, O.); Konefal, R (Konefal, R.); Horkova, V (Horkova, V.); Etrych, T (Etrych, T.); Kovar, M (Kovar, M.); Rihova, B (Rihova, B.); Sirova, M (Sirova, M.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 269 **Pages:** 214-224 **DOI:** 10.1016/j.jconrel.2017.11.017 **Published:** JAN 10 2018

Accession Number: WOS:000423760400019

PubMed ID: 29154977

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Studenovsky, Martin	H-4627-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Sirova, Milada	J-8132-2014	
Horkova, Veronika		0000-0002-3679-2236

ISSN: 0168-3659

eISSN: 1873-4995

Record 4 of 39

Title: Self-assembly in Polymer Systems Inspired by Living Nature

Author(s): Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 294-300 **Published:** 2018

Accession Number: WOS:000433031600002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Record 5 of 39**Title:** Thermoresponsive beta-glucan-based polymers for bimodal immunoradiotherapy - Are they able to promote the immune system?**Author(s):** Loukotova, L (Loukotova, Lenka); Kucka, J (Kucka, Jan); Rabyk, M (Rabyk, Mariia); Hocherl, A (Hocherl, Anita); Venclikova, K (Venclikova, Kristyna); Janouskova, O (Janouskova, Olga); Paral, P (Paral, Petr); Kolarova, V (Kolarova, Vera); Heizer, T (Heizer, Tomas); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)**Source:** JOURNAL OF CONTROLLED RELEASE **Volume:** 268 **Pages:** 78-91 **DOI:** 10.1016/j.jconrel.2017.10.010 **Published:** DEC 28 2017**Accession Number:** WOS:000417329800008**PubMed ID:** 29031896

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Kucka, Jan	G-7884-2014	
Loukotova, Lenka	K-3599-2017	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Hocherl, Anita	G-6222-2014	
Sefc, Ludek	J-1848-2014	0000-0003-2846-220X
Rabyk, Mariia	O-4625-2015	
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Hruby, Martin	H-6479-2014	
Hoecherl, Anita		0000-0003-3391-3546
		0000-0001-5124-0926

ISSN: 0168-3659**eISSN:** 1873-4995**Record 6 of 39****Title:** Synthesis of thermo- and photo-responsive polysiloxanes with tunable phase separation via aza-Michael addition**Author(s):** Feng, K (Feng, Kai); Li, SS (Li, Shusheng); Feng, LL (Feng, Linglong); Feng, SY (Feng, Shengyu)**Source:** NEW JOURNAL OF CHEMISTRY **Volume:** 41 **Issue:** 23 **Pages:** 14498-14504 **DOI:** 10.1039/c7nj03177g **Published:** DEC 7 2017**Accession Number:** WOS:000415839300059**ISSN:** 1144-0546**eISSN:** 1369-9261**Record 7 of 39****Title:** Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?**Author(s):** Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)**Source:** ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017**Accession Number:** WOS:000399717800005**PubMed ID:** 28218487

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Stephan, Holger	F-9789-2014	0000-0002-2972-2803
Nadar, Robin	E-1828-2016	
Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640**eISSN:** 2192-2659**Record 8 of 39****Title:** Transiently thermoresponsive polymers and their applications in biomedicine**Author(s):** Vanparijs, N (Vanparijs, Nane); Nuhn, L (Nuhn, Lutz); De Geest, BG (De Geest, Bruno G.)**Source:** CHEMICAL SOCIETY REVIEWS **Volume:** 46 **Issue:** 4 **Pages:** 1193-1239 **DOI:** 10.1039/c6cs00748a **Published:** FEB 21 2017**Accession Number:** WOS:000395875500008**PubMed ID:** 28165097

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Nuhn, Lutz R	R-7324-2018	0000-0003-0761-1106
Nuhn, Lutz P	P-5150-2019	0000-0003-0761-1106

ISSN: 0306-0012
eISSN: 1460-4744

Record 9 of 39

Title: Polymer donors of nitric oxide improve the treatment of experimental solid tumours with nanosized polymer therapeutics

Author(s): Sirova, M (Sirova, Milada); Horkova, V (Horkova, Veronika); Etrych, T (Etrych, Tomas); Chytil, P (Chytil, Petr); Rihova, B (Rihova, Blanka); Studenovsky, M (Studenovsky, Martin)

Source: JOURNAL OF DRUG TARGETING **Volume:** 25 **Issue:** 9-10 **Special Issue:** SI **Pages:** 796-808 **DOI:** 10.1080/1061186X.2017.1358724 **Published:** 2017

Accession Number: WOS:000415813900006

PubMed ID: 28726521

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Studenovsky, Martin	H-4627-2014	
Sirova, Milada	J-8132-2014	
Chytil, Petr	G-9853-2014	
Horkova, Veronika		0000-0002-3679-2236

ISSN: 1061-186X

eISSN: 1029-2330

Record 10 of 39

Title: Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Cernoch, P (Cernoch, Peter); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Stepanek, P (Stepanek, Petr); Vetrik, M (Vetrik, Miroslav); Lodge, TP (Lodge, Timothy P.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 32 **Issue:** 24 **Pages:** 6115-6122 **DOI:** 10.1021/acs.langmuir.6b01527 **Published:** JUN 21 2016

Accession Number: WOS:000378470000013

PubMed ID: 27238593

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891

ISSN: 0743-7463

Record 11 of 39

Title: Targeted Drug Delivery with Polymers and Magnetic Nanoparticles: Covalent and Noncovalent Approaches, Release Control, and Clinical Studies

Author(s): Ulbrich, K (Ulbrich, Karel); Hola, K (Hola, Katerina); Subr, V (Subr, Vladimir); Bakandritsos, A (Bakandritsos, Aristides); Tucek, J (Tucek, Jiri); Zboril, R (Zboril, Radek)

Source: CHEMICAL REVIEWS **Volume:** 116 **Issue:** 9 **Special Issue:** SI **Pages:** 5338-5431 **DOI:** 10.1021/acs.chemrev.5b00589 **Published:** MAY 11 2016

Accession Number: WOS:000375888300013

PubMed ID: 27109701

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ulbrich, Karel	G-5145-2014	
Zboril, Radek	F-5153-2015	0000-0002-3147-2196
Zboril, Radek	K-1530-2019	
Subr, Vladimir	G-3488-2014	
Bakandritsos, Aristides		0000-0003-4411-9348
Tucek, Jiri		0000-0003-2037-4950

ISSN: 0009-2665

eISSN: 1520-6890

Record 12 of 39

Title: Injectable polypeptide micelles that form radiation crosslinked hydrogels in situ for intratumoral radiotherapy

Author(s): Schaal, JL (Schaal, Jeffrey L.); Li, XH (Li, Xinghai); Mastria, E (Mastria, Eric); Bhattacharyya, J (Bhattacharyya, Jayanta); Zalutsky, MR (Zalutsky, Michael R.); Chilkoti, A (Chilkoti, Ashutosh); Liu, WG (Liu, Wenge)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 228 **Pages:** 58-66 **DOI:** 10.1016/j.jconrel.2016.02.040 **Published:** APR 28 2016

Accession Number: WOS:000373429600007

PubMed ID: 26928529

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schaal, Jeffrey		0000-0003-3860-5841
Mastria, Eric		0000-0002-5112-4543

ISSN: 0168-3659

eISSN: 1873-4995

Record 13 of 39

Title: High-sensitivity stimuli-responsive polysiloxane synthesized via catalyst-free aza-Michael addition for ibuprofen loading and controlled release

Author(s): Li, SS (Li, Shusheng); Feng, SY (Feng, Shengyu)

Source: RSC ADVANCES **Volume:** 6 **Issue:** 101 **Pages:** 99414-99421 **DOI:** 10.1039/c6ra20568b **Published:** 2016

Accession Number: WOS:000387427800103

ISSN: 2046-2069

Record 14 of 39

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panek, Jiri	H-7129-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 15 of 39

Title: In vivo characterization of the physicochemical properties of polymer-linked TLR agonists that enhance vaccine immunogenicity

Author(s): Lynn, GM (Lynn, Geoffrey M.); Laga, R (Laga, Richard); Darrah, PA (Darrah, Patricia A.); Ishizuka, AS (Ishizuka, Andrew S.); Balaci, AJ (Balaci, Alexandra J.); Dulcey, AE (Dulcey, Andres E.); Pechar, M (Pechar, Michal); Pola, R (Pola, Robert); Gerner, MY (Gerner, Michael Y.); Yamamoto, A (Yamamoto, Ayako); Buechler, CR (Buechler, Connor R.); Quinn, KM (Quinn, Kylie M.); Smelkinson, MG (Smelkinson, Margery G.); Vanek, O (Vanek, Ondrej); Cawood, R (Cawood, Ryan); Hills, T (Hills, Thomas); Vasalatiy, O (Vasalatiy, Olga); Kastenmuller, K (Kastenmueller, Kathrin); Francica, JR (Francica, Joseph R.); Stutts, L (Stutts, Lalisa); Tom, JK (Tom, Janine K.); Ryu, KA (Ryu, Keun Ah); Esser-Kahn, AP (Esser-Kahn, Aaron P.); Etrych, T (Etrych, Tomas); Fisher, KD (Fisher, Kerry D.); Seymour, LW (Seymour, Leonard W.); Seder, RA (Seder, Robert A.)

Source: NATURE BIOTECHNOLOGY **Volume:** 33 **Issue:** 11 **Pages:** 1201-+ **DOI:** 10.1038/nbt.3371 **Published:** NOV 2015

Accession Number: WOS:000364916000028

PubMed ID: 26501954

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Vanek, Ondrej	I-7022-2016	0000-0003-1190-8535
Pechar, Michal	G-6423-2014	
Vanek, Ondrej	P-1645-2019	0000-0003-1190-8535
Laga, Richard	G-3627-2014	
Pola, Robert	G-5723-2014	0000-0003-0025-2016
Ishizuka, Andrew		0000-0002-3024-7536
Smelkinson, Margery		0000-0001-7777-5574
Quinn, Kylie		0000-0002-0417-3625
seymour, len		0000-0003-3825-0841

ISSN: 1087-0156

eISSN: 1546-1696

Record 16 of 39

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 17 of 39

Title: Polymeric biomaterials with engineered degradation

Author(s): Deshayes, S (Deshayes, Stephanie); Kasko, AM (Kasko, Andrea M.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 51 **Issue:** 17 **Pages:** 3531-3566 **DOI:** 10.1002/pola.26765 **Published:** SEP 1 2013

Accession Number: WOS:000322010800001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Deshayes, Stephanie		0000-0002-7306-0077

ISSN: 0887-624X

eISSN: 1099-0518

Record 18 of 39

Title: New directions in thermoresponsive polymers

Author(s): Roy, D (Roy, Debashish); Brooks, WLA (Brooks, William L. A.); Sumerlin, BS (Sumerlin, Brent S.)

Source: CHEMICAL SOCIETY REVIEWS **Volume:** 42 **Issue:** 17 **Pages:** 7214-7243 **DOI:** 10.1039/c3cs35499g **Published:** 2013

Accession Number: WOS:000322782700012

PubMed ID: 23450220

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sumerlin, Brent S	C-8924-2015	0000-0001-5749-5444

ISSN: 0306-0012

eISSN: 1460-4744

Record 19 of 39

Title: Magnetic hollow poly(N-isopropylacrylamide-co-N,N'-methylenebisacrylamide-co-glycidyl acrylate) particles prepared by inverse emulsion polymerization

Author(s): Mackova, H (Mackova, Hana); Horak, D (Horak, Daniel); Petrovsky, E (Petrovsky, Eduard); Kovarova, J (Kovarova, Jana)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 291 **Issue:** 1 **Special Issue:** SI **Pages:** 205-213 **DOI:** 10.1007/s00396-012-2609-y **Published:** JAN 2013

Accession Number: WOS:000313345300021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Petrovsky, Eduard	H-6371-2014	0000-0001-7792-9123
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
Kovarova, Jana	H-1992-2014	

ISSN: 0303-402X

eISSN: 1435-1536

Record 20 of 39

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

eISSN: 1521-3927

Record 21 of 39

Title: Ellipticine-Aimed Polymer-Conjugated Auger Electron Emitter: Multistage Organelle Targeting Approach

Author(s): Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Studenovsky, M (Studenovsky, Martin); Kucka, J (Kucka, Jan); Vetricka, D (Vetricka, David); Kovar, L (Kovar, Lubomir); Rihova, B (Rihova, Blanka); Ulbrich, K (Ulbrich, Karel)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 22 **Issue:** 6 **Pages:** 1194-1201 **DOI:** 10.1021/bc200064v **Published:** JUN 2011

Accession Number: WOS:000291568200024

PubMed ID: 21513348

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Rihova, Blanka	J-6314-2014	
Kucka, Jan	G-7884-2014	
Ulbrich, Karel	G-5145-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Studenovsky, Martin	H-4627-2014	
Vetricka, David	O-2384-2017	0000-0002-6098-1213

ISSN: 1043-1802

Record 22 of 39

Title: Hydrazone-based hydrogel hydrolytically degradable in acidic environment

Author(s): Vetrík, M (Vetrík, Miroslav); Pradny, M (Pradny, Martin); Hruby, M (Hruby, Martin); Michalek, J (Michalek, Jiri)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 96 **Issue:** 5 **Pages:** 756-759 **DOI:** 10.1016/j.polymdegradstab.2011.02.020 **Published:** MAY 2011

Accession Number: WOS:000290078200004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetrík, Miroslav	G-3495-2014	
Hruby, Martin	H-6479-2014	
Michalek, Jiri	D-7251-2013	0000-0002-1253-0258
Pradny, Martin	H-8496-2014	

ISSN: 0141-3910

Record 23 of 39

Title: Thermoresponsive polymeric radionuclide delivery system-An injectable brachytherapy

Author(s): Hruby, M (Hruby, Martin); Pouckova, P (Pouckova, Pavla); Zadinova, M (Zadinova, Marie); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 42 **Issue:** 5 **Pages:** 484-488 **DOI:** 10.1016/j.ejps.2011.02.002 **Published:** APR 18 2011

Accession Number: WOS:000290822800006

PubMed ID: 21324355

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Hruby, Martin	H-6479-2014	

ISSN: 0928-0987

Record 24 of 39

Title: Polymer conjugates of the highly potent cytostatic drug 2-pyrrolinodoxorubicin

Author(s): Studenovsky, M (Studenovsky, M.); Ulbrich, K (Ulbrich, K.); Ibrahimova, M (Ibrahimova, M.); Rihova, B (Rihova, B.)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 42 **Issue:** 1-2 **Pages:** 156-163 **DOI:** 10.1016/j.ejps.2010.11.006 **Published:** JAN 18 2011

Accession Number: WOS:000286708600019

PubMed ID: 21075206

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Studenovsky, Martin	H-4627-2014	
Ulbrich, Karel	G-5145-2014	

ISSN: 0928-0987

Record 25 of 39

Title: Degradable, pH-sensitive, membrane-destabilizing, comb-like polymers for intracellular delivery of nucleic acids

Author(s): Lin, YL (Lin, Yen-Ling); Jiang, GH (Jiang, Guohua); Birrell, LK (Birrell, Lisa K.); El-Sayed, MEH (El-Sayed, Mohamed E. H.)

Source: BIOMATERIALS **Volume:** 31 **Issue:** 27 **Pages:** 7150-7166 **DOI:** 10.1016/j.biomaterials.2010.05.048 **Published:** SEP 2010

Accession Number: WOS:000280616300028

PubMed ID: 20579726

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jiang, Guohua	G-7834-2016	0000-0003-3666-8216
El-Sayed, Mohamed E	G-6746-2010	

ISSN: 0142-9612

Record 26 of 39

Title: Biocompatible Thermoresponsive Polymers with Pendent Oligo(ethylene glycol) Chains and Cyclic Ortho Ester Groups

Author(s): Qiao, ZY (Qiao, Zeng-Ying); Du, FS (Du, Fu-Sheng); Zhang, R (Zhang, Rui); Liang, DH (Liang, De-Hai); Li, ZC (Li, Zi-Chen)

Source: MACROMOLECULES **Volume:** 43 **Issue:** 15 **Pages:** 6485-6494 **DOI:** 10.1021/ma101090g **Published:** AUG 10 2010

Accession Number: WOS:000280743300032

ISSN: 0024-9297

eISSN: 1520-5835

Record 27 of 39

Title: Biodistribution of a radiolabelled thermoresponsive polymer in mice

Author(s): Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Lebeda, O (Lebeda, Ondrej)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 6 **Pages:** 1073-1078 **DOI:** 10.1016/j.apradiso.2010.01.022 **Published:** JUN 2010

Accession Number: WOS:000276422100016

PubMed ID: 20122844

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0969-8043

Record 28 of 39

Title: Injectable intratumoral depot of thermally responsive polypeptide-radionuclide conjugates delays tumor progression in a mouse model

Author(s): Liu, WG (Liu, Wenge); MacKay, JA (MacKay, J. Andrew); Dreher, MR (Dreher, Matthew R.); Chen, MN (Chen, Mingnan); McDaniel, JR (McDaniel, Jonathan R.); Simnick, AJ (Simnick, Andrew J.); Callahan, DJ (Callahan, Daniel J.); Zalutsky, MR (Zalutsky, Michael R.); Chilkoti, A (Chilkoti, Ashutosh)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 144 **Issue:** 1 **Pages:** 2-9 **DOI:** 10.1016/j.jconrel.2010.01.032 **Published:** MAY 21 2010

Accession Number: WOS:000278577500002

PubMed ID: 20117157

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
chen, mingnan	E-9607-2011	
McDaniel, Jonathan		0000-0001-8575-3535
Liu, Wenge		0000-0002-0688-1879

ISSN: 0168-3659

Record 29 of 39

Title: Aqueous Solution Properties of the Acid-Labile Thermoresponsive Poly(meth)acrylamides with Pendent Cyclic Orthoester Groups
Author(s): Du, FS (Du, Fu-Sheng); Huang, XN (Huang, Xiao-Nan); Chen, GT (Chen, Guang-Tao); Lin, SS (Lin, Shrong-Shi); Liang, DH (Liang, Dehai); Li, ZC (Li, Zi-Chen)
Source: MACROMOLECULES **Volume:** 43 **Issue:** 5 **Pages:** 2474-2483 **DOI:** 10.1021/ma902227g **Published:** MAR 9 2010
Accession Number: WOS:000274928400049
ISSN: 0024-9297
eISSN: 1520-5835

Record 30 of 39

Title: New coupling strategy for radionuclide labeling of synthetic polymers
Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Vetrik, M (Vetrik, Miroslav)
Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 2 **Pages:** 334-339 **DOI:** 10.1016/j.apradiso.2009.11.039 **Published:** FEB 2010
Accession Number: WOS:000276117500018
PubMed ID: 20004106
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	

ISSN: 0969-8043

Record 31 of 39

Title: Synthetic Polymer-Drug Conjugates for Human Therapy
Author(s): Ulbrich, K (Ulbrich, Karel); Subr, V (Subr, Vladimir)
Edited by: Torchilin V; Amiji MM
Source: HANDBOOK OF MATERIALS FOR NANOMEDICINE **Book Series:** Pan Stanford Series on Biomedical Nanotechnology **Volume:** 1 **Pages:** 5-79 **Published:** 2010
Accession Number: WOS:000292544400002
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ulbrich, Karel	G-5145-2014	
Subr, Vladimir	G-3488-2014	
Subr, Vladimir		0000-0002-1614-6595

ISBN: 978-9-81426-758-8

Record 32 of 39

Title: STIMULI-RESPONSIVE POLYMERIC MICELLES FOR DRUG DELIVERY PURPOSES
Author(s): Hruby, M (Hruby, Martin)
Edited by: Li S; Tiwari A; Prabaharan M; Aryal S
Source: SMART POLYMER MATERIALS FOR BIOMEDICAL APPLICATIONS **Book Series:** Materials Science and Technologies **Pages:** 193-211 **Published:** 2010
Accession Number: WOS:000283525900012
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISBN: 978-1-60876-192-0

Record 33 of 39

Title: Thermoresponsive, Hydrolytically Degradable Polymer Micelles Intended for Radionuclide Delivery
Author(s): Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Filippov, SK (Filippov, Sergey K.); Vetvicka, D (Vetvicka, David); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Edwards, K (Edwards, Katarina); Rihova, B (Rihova, Blanka); Ulbrich, K (Ulbrich, Karel)
Source: MACROMOLECULAR BIOSCIENCE **Volume:** 9 **Issue:** 10 **Pages:** 1016-1027 **DOI:** 10.1002/mabi.200900083 **Published:** OCT 8 2009
Accession Number: WOS:000271174100009
PubMed ID: 19554646
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Mackova, Hana	G-3247-2014	
Ulbrich, Karel	G-5145-2014	
Kucka, Jan	G-7884-2014	
Edwards, Katarina	A-1159-2012	0000-0003-0674-2219
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Rihova, Blanka	J-6314-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Konak, Cestmir	H-7177-2014	

ISSN: 1616-5187

Record 34 of 39

Title: New Binary Thermoresponsive Polymeric System for Local Chemoradiotherapy

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Konak, C (Konak, Cestmir); Vetrik, M (Vetrik, Miroslav); Kozempel, J (Kozempel, Jan); Lebeda, O (Lebeda, Ondrej)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 111 **Issue:** 5 **Pages:** 2220-2228 **DOI:** 10.1002/app.29237 **Published:** MAR 5 2009

Accession Number: WOS:000262322900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konak, Cestmir	H-7177-2014	
Hruby, Martin	H-6479-2014	
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225
Vetrik, Miroslav	G-3495-2014	
Kucka, Jan	G-7884-2014	
Mackova, Hana	G-3247-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225

ISSN: 0021-8995

Record 35 of 39

Title: Biodegradable high-molecular-weight polymer drug carriers based on HPMa copolymers

Author(s): Chytil, P (Chytil, P.); Etrych, T (Etrych, T.); Ulbrich, K (Ulbrich, K.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 132 **Issue:** 3 **Pages:** E62-E63 **DOI:** 10.1016/j.jconrel.2008.09.059 **Published:** DEC 18 2008

Accession Number: WOS:000208691800047

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ulbrich, Karel	G-5145-2014	
Chytil, Petr	G-9853-2014	
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182

ISSN: 0168-3659

Record 36 of 39

Title: Thermoresponsive polymer for local chemoradiotherapy with doxorubicin bound via a newly developed hydrolytically labile bond

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Konak, C (Konak, C.); Vetrik, M (Vetrik, M.); Lebeda, O (Lebeda, O.); Ulbrich, K (Ulbrich, K.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 132 **Issue:** 3 **Pages:** E40-E41 **DOI:** 10.1016/j.jconrel.2008.09.026 **Published:** DEC 18 2008

Accession Number: WOS:000208691800030

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Vetrik, Miroslav	G-3495-2014	
Konak, Cestmir	H-7177-2014	
Ulbrich, Karel	G-5145-2014	

ISSN: 0168-3659

Record 37 of 39

Title: Acid-labile, thermoresponsive (meth)acrylamide polymers with pendant cyclic acetal moieties

Author(s): Huang, XN (Huang, Xiao-Nan); Du, FS (Du, Fu-Sheng); Zhang, B (Zhang, Bo); Zhao, IY (Zhao, Ing-Yi); Li, ZC (Li, Zi-Chen)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 46 **Issue:** 13 **Pages:** 4332-4343 **DOI:**

10.1002/pola.22751 **Published:** JUL 1 2008
Accession Number: WOS:000257153500006
ISSN: 0887-624X
eISSN: 1099-0518

Record 38 of 39

Title: Thermoresponsive polymers - From laboratory curiosity to advanced materials for medicinal applications

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Lebeda, O (Lebeda, Ondrej); Ulbrich, K (Ulbrich, Karel)

Source: CHEMICKE LISTY **Volume:** 102 **Issue:** 1 **Pages:** 21-27 **Published:** 2008

Accession Number: WOS:000253252500004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kucka, Jan	G-7884-2014	

ISSN: 0009-2770

Record 39 of 39

Title: Synthesis of Poly(N-isopropylacrylamide) Microgel Particles Containing Gold Nanoshell Cores with Potential for Triggered Deswelling

Author(s): Luckham, P (Luckham, Paul); Strazza, C (Strazza, Carlo); Bussierre, P (Bussierre, Pierre); Nassari, P (Nassari, Paulo); Patel, N (Patel, Neil)

Edited by: Biggs S; Cosgrove T; Dowding P

Source: NEW FRONTIERS IN COLLOID SCIENCE **Pages:** 41-55 **DOI:** 10.1039/9781847558435-00041 **Published:** 2008

Accession Number: WOS:000263451800002

Conference Title: Conference on New Frontiers in Colloid Science

Conference Date: APR 01-01, 2008

Conference Location: London, ENGLAND

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Luckham, Paul	B-1325-2015	0000-0002-8191-540X

ISBN: 978-0-85404-113-8

Publication No 12 of 132

Title: Thermoresponsive, Hydrolytically Degradable Polymer Micelles Intended for Radionuclide Delivery

Author(s): Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Filippov, SK (Filippov, Sergey K.); Vetvicka, D (Vetvicka, David); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Edwards, K (Edwards, Katarina); Rihova, B (Rihova, Blanka); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 9 **Issue:** 10 **Pages:** 1016-1027 **DOI:** 10.1002/mabi.200900083 **Published:** OCT 8 2009

Accession Number: WOS:000271174100009

PubMed ID: 19554646

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Kucka, Jan	G-7884-2014	

Edwards, Katarina	A-1159-2012	0000-0003-0674-2219
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Rihova, Blanka	J-6314-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Konak, Cestmir	H-7177-2014	

ISSN: 1616-5187

Record 1 of 32

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Hruby, Martin H-6479-2014

ISSN: 0968-5243

eISSN: 1352-8661

Record 2 of 32

Title: Effect of pH on the Behavior of a Random Copolymer of Acrylamide

Author(s): Zakharova, NV (Zakharova, N. V.); Simonova, MA (Simonova, M. A.); Khairullin, AR (Khairullin, A. R.); Filippov, AP (Filippov, A. P.); Danilovtseva, EN (Danilovtseva, E. N.); Zelinskii, SN (Zelinskii, S. N.); Annenkov, VV (Annenkov, V. V.)

Source: POLYMER SCIENCE SERIES A **Volume:** 60 **Issue:** 2 **Pages:** 127-133 **DOI:** 10.1134/S0965545X18020153 **Published:** MAR 2018

Accession Number: WOS:000427735200002

Author Identifiers:

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Zelinskiy, Stanislav N.	J-4918-2018	0000-0002-5142-5944
Simonova, Maria	N-4799-2016	
Khayrullin, Andrey	I-3386-2018	0000-0003-3820-4992
Zakharova, Natalya	I-3138-2018	
Filippov, Alexander	A-9157-2013	
Danilovtseva, Elena	J-4288-2018	0000-0002-7961-8158

ISSN: 0965-545X

eISSN: 1555-6107

Record 3 of 32

Title: Nanoparticles for SPECT and PET Imaging: Towards Personalized Medicine and Theranostics

Author(s): Polyak, A (Polyak, Andras); Ross, TL (Ross, Tobias L.)

Source: CURRENT MEDICINAL CHEMISTRY **Volume:** 25 **Issue:** 34 **Pages:** 4328-4353 **DOI:** 10.2174/0929867324666170830095553 **Published:** 2018

Accession Number: WOS:000451909100007

PubMed ID: 28875837

ISSN: 0929-8673

eISSN: 1875-533X

Record 4 of 32

Title: Biodegradable nanoparticles as nanomedicines: are drug-loading content and release mechanism dictated by particle density?

Author(s): Ribeiro, CAS (Ribeiro, Caroline A. S.); de Castro, CE (de Castro, Carlos E.); Albuquerque, LJC (Albuquerque, Lindomar J. C.); Batista, CCS (Batista, Carin C. S.); Giacomelli, FC (Giacomelli, Fernando C.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 295 **Issue:** 8 **Pages:** 1271-1280 **DOI:** 10.1007/s00396-016-4007-3 **Published:** AUG 2017

Accession Number: WOS:000406174700003

Author Identifiers:

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castro, carlos	O-1929-2019	

Record 5 of 32**Title:** Radiolabeled Nanoparticles for Cancer Diagnosis and Therapy**Author(s):** Kozirowski, J (Kozirowski, Jacek); Stanciu, AE (Stanciu, Adina E.); Gomez-Vallejo, V (Gomez-Vallejo, Vanessa); Llop, J (Llop, Jordi)**Source:** ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY **Volume:** 17 **Issue:** 3 **Pages:** 333-354 **DOI:** 10.2174/1871520616666160219162902 **Published:** 2017**Accession Number:** WOS:000400689200004**PubMed ID:** 26899184

Author Identifiers:

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Gomez-Vallejo, Vanessa	H-9960-2015	0000-0003-3995-9596
biomaGUNE, CIC	J-9136-2014	0000-0001-7690-0660

ISSN: 1871-5206**eISSN:** 1875-5992**Record 6 of 32****Title:** Double stimuli-responsive polymer systems: How to use crosstalk between pH- and thermosensitivity for drug depots**Author(s):** Bogomolova, A (Bogomolova, A.); Kabarov, L (Kabarov, L.); Sedlacek, O (Sedlacek, O.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.); Kral, V (Kral, V.); Wang, XY (Wang, X. Y.); Liu, SL (Liu, S. L.); Ye, XD (Ye, X. D.); Hruby, M (Hruby, M.)**Source:** EUROPEAN POLYMER JOURNAL **Volume:** 84 **Pages:** 54-64 **DOI:** 10.1016/j.eurpolymj.2016.09.010 **Published:** NOV 2016**Accession Number:** WOS:000390181800005

Author Identifiers:

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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Bogomolova, Anna	O-2982-2016	
Liu, Shilin	F-1997-2010	0000-0002-3704-3798
Hruby, Martin	H-6479-2014	
Ye, Xiaodong	A-6983-2010	0000-0003-2143-1726
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kral, Vladimir	I-9518-2017	0000-0001-5034-4184
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0014-3057**eISSN:** 1873-1945**Record 7 of 32****Title:** Internal Nanoparticle Structure of Temperature-Responsive Self-Assembled PNIPAM-b-PEG-b-PNIPAM Triblock Copolymers in Aqueous Solutions: NMR, SANS, and Light Scattering Studies**Author(s):** Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Kabarov, L (Kabarov, Leonid); Velychkivska, N (Velychkivska, Nadiia); Starovoytova, L (Starovoytova, Larisa); Cernochova, Z (Cernochova, Zulfiya); Rogers, SE (Rogers, Sarah E.); Lau, WM (Lau, Wing Man); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.); Cook, MT (Cook, Michael T.)**Source:** LANGMUIR **Volume:** 32 **Issue:** 21 **Pages:** 5314-5323 **DOI:** 10.1021/acs.langmuir.6b00284 **Published:** MAY 31 2016**Accession Number:** WOS:000377151300012**PubMed ID:** 27159129

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Velychkivska, Nadiia	N-6642-2015	
Bogomolova, Anna	O-2982-2016	
Starovoytova, Larisa	E-3931-2012	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Cernochova, Zulfiya	H-6730-2014	
Cook, Michael		0000-0002-0772-682X

ISSN: 0743-7463

Record 8 of 32

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 9 of 32

Title: Chitosan and Starch-Based Hydrogels Via Graft Copolymerization

Author(s): Celli, A (Celli, Annamaria); Sabaa, MW (Sabaa, Magdy W.); Jyothi, AN (Jyothi, Alummoottil N.); Kalia, S (Kalia, Susheel)

Edited by: Kalia S

Source: POLYMERIC HYDROGELS AS SMART BIOMATERIALS **Book Series:** Springer Series on Polymer and Composite Materials **Pages:** 189-234 **DOI:** 10.1007/978-3-319-25322-0_8 **Published:** 2016

Accession Number: WOS:000372003700009

ISSN: 2364-1878

ISBN: 978-3-319-25322-0; 978-3-319-25320-6

Book DOI: 10.1007/978-3-319-25322-0

Record 10 of 32

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 11 of 32

Title: Thermoresponsive Polymer Micelles as Potential Nanosized Cancerostatics

Author(s): Laga, R (Laga, Richard); Janouskova, O (Janouskova, Olga); Ulbrich, K (Ulbrich, Karel); Pola, R (Pola, Robert); Blazkova, J (Blazkova, Jana); Filippov, SK (Filippov, Sergey K.); Etrych, T (Etrych, Tomas); Pechar, M (Pechar, Michal)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 8 **Pages:** 2493-2505 **DOI:** 10.1021/acs.biomac.5b00764 **Published:** AUG 2015

Accession Number: WOS:000359499500027

PubMed ID: 26153904

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Ulbrich, Karel	G-5145-2014	
Pola, Robert	G-5723-2014	0000-0003-0025-2016
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Pechar, Michal	G-6423-2014	
Laga, Richard	G-3627-2014	

ISSN: 1525-7797

eISSN: 1526-4602

Record 12 of 32

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 13 of 32

Title: Thermoresponsive polymer system based on poly(N-vinylcaprolactam) intended for local radiotherapy applications

Author(s): Cernoch, P (Cernoch, Peter); Cernochova, Z (Cernochova, Zulfiya); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Petrova, S (Petrova, Svetlana); Stepanek, P (Stepanek, Petr)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 98 **Pages:** 7-12 **DOI:** 10.1016/j.apradiso.2015.01.005 **Published:** APR 2015

Accession Number: WOS:000352245100002

PubMed ID: 25617711

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Petrova, Svetlana	H-3384-2014	0000-0001-7364-4737
Cernochova, Zulfiya	H-6730-2014	
Cernoch, Peter	H-6988-2014	
Petrova, Svetlana	S-9341-2018	0000-0003-1516-1002
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0969-8043

Record 14 of 32

Title: Studies on thermoresponsive polymers: Phase behaviour, drug delivery and biomedical applications

Author(s): Gandhi, A (Gandhi, Arijit); Paul, A (Paul, Abhijit); Sen, SO (Sen, Suma Oommen); Sen, KK (Sen, Kalyan Kumar)

Source: ASIAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 10 **Issue:** 2 **Pages:** 99-107 **DOI:** 10.1016/j.ajps.2014.08.010 **Published:** APR 2015

Accession Number: WOS:000366579200002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sen, Kalyan Kumar	F-2048-2017	

ISSN: 1818-0876

Record 15 of 32

Title: Investigation of New Cooling Systems Based on Complexes of Temperature-Responsive Poly(N-isopropylacrylamide) with Porous Materials

Author(s): Suzue, A (Suzue, Atsushi); Honda, H (Honda, Hisashi); Kadokura, M (Kadokura, Meiko); Tanaka, S (Tanaka, Susumu); Tukadal, H (Tukadal, Hideyuki)

Source: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN **Volume:** 87 **Issue:** 11 **Pages:** 1186-1194 **DOI:** 10.1246/bcsj.20140187 **Published:** NOV 15 2014

Accession Number: WOS:000345484500004

ISSN: 0009-2673

eISSN: 1348-0634

Record 16 of 32

Title: Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties

Author(s): Bogomolova, A (Bogomolova, Anna); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Rabyk, M (Rabyk, Maria); Turner, S (Turner, Stuart); Bals, S (Bals, Sara); Steinhart, M (Steinhart, Milos); Zhigunov, A (Zhigunov, Alexander); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY **Volume:** 46 **Pages:** 1690-1698 **DOI:** 10.1107/S0021889813027064 **Part:** 6 **Published:** DEC 2013

Accession Number: WOS:000327070000020

Author Identifiers:

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Zhigunov, Alexander	C-3924-2012	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Steinhart, Milos	H-6968-2014	
Bogomolova, Anna	O-2982-2016	
Hruby, Martin	H-6479-2014	
Rabyk, Mariia	O-4625-2015	
Bals, Sara	F-6963-2016	0000-0002-4249-8017

ISSN: 1600-5767

Record 17 of 32

Title: Temperature- and pH-sensitive Polymeric Micelles for Drug Encapsulation, Release and Targeting

Author(s): Sosnik, A (Sosnik, Alejandro)

Edited by: AlvarezLorenzo C; Concheiro A

Source: SMART MATERIALS FOR DRUG DELIVERY, VOL 1 **Book Series:** RSC Smart Materials **Issue:** 2 **Pages:** 115-147 **DOI:** 10.1039/9781849736800-00115 **Published:** 2013

Accession Number: WOS:000332283000007

ISSN: 2046-0066

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Book DOI: 10.1039/9781849736800

Record 18 of 32

Title: Microspheres as therapeutic delivery agents: synthesis and biological evaluation of pH responsiveness

Author(s): Tapeinos, C (Tapeinos, C.); Efthimiadou, EK (Efthimiadou, E. K.); Boukos, N (Boukos, N.); Charitidis, CA (Charitidis, C. A.); Koklioti, M (Koklioti, M.); Kordas, G (Kordas, G.)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 1 **Issue:** 2 **Pages:** 194-203 **DOI:** 10.1039/c2tb00013j **Published:** 2013

Accession Number: WOS:000314786200008

Author Identifiers:

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ISSN: 2050-750X

eISSN: 2050-7518

Record 19 of 32

Title: Brachytherapy Using Injectable Seeds That Are Self-Assembled from Genetically Encoded Polypeptides In Situ

Author(s): Liu, WG (Liu, Wenge); McDaniel, J (McDaniel, Jonathan); Li, XH (Li, Xinghai); Asai, D (Asai, Daisuke); Quiroz, FG (Quiroz, Felipe Garcia); Schaal, J (Schaal, Jeffery); Park, JS (Park, Ji Sun); Zalutsky, M (Zalutsky, Michael); Chilkoti, A (Chilkoti, Ashutosh)

Source: CANCER RESEARCH **Volume:** 72 **Issue:** 22 **Pages:** 5956-5965 **DOI:** 10.1158/0008-5472.CAN-12-2127 **Published:** NOV 15 2012

Accession Number: WOS:000311141300031

PubMed ID: 23155121

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McDaniel, Jonathan		0000-0001-8575-3535
Liu, Wenge		0000-0002-0688-1879

ISSN: 0008-5472

Record 20 of 32

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

eISSN: 1521-3927

Record 21 of 32

Title: One-pot synthesis of hyperbranched glycopolymers by RAFT polymerization

Author(s): Wei, ZK (Wei, Zhenke); Hao, XJ (Hao, Xiaojuan); Gan, ZH (Gan, Zhihua); Hughes, TC (Hughes, Timothy C.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 50 **Issue:** 12 **Pages:** 2378-2388 **DOI:** 10.1002/pola.26012 **Published:** JUN 15 2012

Accession Number: WOS:000303758200008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hughes, Timothy A	A-9319-2011	0000-0002-7990-4509
Hao, Xiaojuan		0000-0003-2705-0000

ISSN: 0887-624X

Record 22 of 32

Title: Multifunctional Nanoparticle-Loaded Spherical and Wormlike Micelles Formed by Interfacial Instabilities

Author(s): Bae, J (Bae, Jinhye); Lawrence, J (Lawrence, Jimmy); Miesch, C (Miesch, Caroline); Ribbe, A (Ribbe, Alexander); Li, WK (Li, Weikun); Emrick, T (Emrick, Todd); Zhu, JT (Zhu, Jintao); Hayward, RC (Hayward, Ryan C.)

Source: ADVANCED MATERIALS **Volume:** 24 **Issue:** 20 **Pages:** 2735-2741 **DOI:** 10.1002/adma.201200570 **Published:** MAY 22 2012

Accession Number: WOS:000304043000013

PubMed ID: 22513788

Author Identifiers:

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Hayward, Ryan	P-4745-2016	0000-0001-6483-2234
Ribbe, Alexander	D-4988-2009	0000-0002-9924-3429
LAWRENCE, JIMMY	G-4181-2010	0000-0003-4455-6177

ISSN: 0935-9648

Record 23 of 32

Title: Thermoresponsive Polymers for Biomedical Applications

Author(s): Ward, MA (Ward, Mark A.); Georgiou, TK (Georgiou, Theoni K.)

Source: POLYMERS **Volume:** 3 **Issue:** 3 **Pages:** 1215-1242 **DOI:** 10.3390/polym3031215 **Published:** SEP 2011

Accession Number: WOS:000208601700016

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Georgiou, Theoni	A-4229-2008	0000-0003-4474-6931

ISSN: 2073-4360

Record 24 of 32

Title: Synthesis and Characterization of Poly(epsilon-caprolactone)-block-poly[N-(2-hydroxypropyl)methacrylamide] Micelles for Drug Delivery

Author(s): Krimmer, SG (Krimmer, Stefan G.); Pan, HZ (Pan, Huaizhong); Liu, JH (Liu, Jihua); Yang, JY (Yang, Jiyuan); Kopecek, J (Kopecek, Jindrich)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 11 **Issue:** 8 **Pages:** 1041-1051 **DOI:** 10.1002/mabi.201100019 **Published:** AUG 11 2011

Accession Number: WOS:000294160900004

PubMed ID: 21567954

ISSN: 1616-5187

Record 25 of 32

Title: Phosphonate-Titanium Dioxide Assemblies: Platform for Multimodal Diagnostic-Therapeutic Nanoprobes

Author(s): Rehor, I (Rehor, Ivan); Vilimova, V (Vilimova, Vanda); Jendelova, P (Jendelova, Pavla); Kubicek, V (Kubicek, Vojtech); Jirak, D (Jirak, Daniel); Herynek, V (Herynek, Vit); Kapcalova, M (Kapcalova, Miroslava); Kotek, J (Kotek, Jan); Cerny, J (Cerny, Jan); Hermann, P (Hermann, Petr); Lukes, I (Lukes, Ivan)

Source: JOURNAL OF MEDICINAL CHEMISTRY **Volume:** 54 **Issue:** 14 **Pages:** 5185-5194 **DOI:** 10.1021/jm200449y **Published:** JUL 28 2011

Accession Number: WOS:000292892300021

PubMed ID: 21662977

Author Identifiers:

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Lukes, Ivan	K-2205-2015	0000-0002-3294-5813
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124
Kubicek, Vojtech	I-6607-2016	0000-0003-0171-5713
Kotek, Jan	B-1157-2017	0000-0003-1777-729X
Hermann, Petr	A-1880-2008	0000-0001-6250-5125
Cerny, Jan	C-1887-2012	0000-0002-5624-2215

ISSN: 0022-2623

eISSN: 1520-4804

Record 26 of 32

Title: Low Temperature Aqueous Living/Controlled (RAFT) Polymerization of Carboxybetaine Methacrylamide up to High Molecular Weights

Author(s): Rodriguez-Emmenegger, C (Rodriguez-Emmenegger, Cesar); Schmidt, BVKJ (Schmidt, Bernhard V. K. J.); Sedlakova, Z (Sedlakova, Zdenka); Subr, V (Subr, Vladimir); Alles, AB (Bologna Alles, Aldo); Brynda, E (Brynda, Eduard); Barner-Kowollik, C (Barner-Kowollik, Christopher)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 32 **Issue:** 13 **Pages:** 958-965 **DOI:** 10.1002/marc.201100176 **Published:** JUL 1 2011

Accession Number: WOS:000292547100003

PubMed ID: 21648007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Schmidt, Bernhard V.K.J.	A-9543-2011	0000-0002-3580-7053
Rodriguez-Emmenegger, Cesar	A-6387-2016	0000-0003-0745-0840
Rodriguez-Emmenegger, Cesar	G-3604-2014	0000-0003-0745-0840
Brynda, Eduard	H-6818-2014	
Subr, Vladimir	G-3488-2014	
Barner-Kowollik, Christopher	B-6287-2008	0000-0002-6745-0570
Subr, Vladimir		0000-0002-1614-6595

ISSN: 1022-1336

Record 27 of 32

Title: Thermoresponsive polymeric radionuclide delivery system-An injectable brachytherapy

Author(s): Hruby, M (Hruby, Martin); Pouckova, P (Pouckova, Pavla); Zadinova, M (Zadinova, Marie); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 42 **Issue:** 5 **Pages:** 484-488 **DOI:** 10.1016/j.ejps.2011.02.002 **Published:** APR 18 2011

Accession Number: WOS:000290822800006

PubMed ID: 21324355

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Hruby, Martin	H-6479-2014	

ISSN: 0928-0987

Record 28 of 32

Title: Synthesis of PCL-graft-PS by combination of ROP, ATRP, and click chemistry

Author(s): Darcos, V (Darcos, Vincent); Al Tabchi, H (Al Tabchi, Hadil); Coudane, J (Coudane, Jean)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 47 **Issue:** 2 **Pages:** 187-195 **DOI:** 10.1016/j.eurpolymj.2010.11.011 **Published:** FEB 2011

Accession Number: WOS:000287054100008

ISSN: 0014-3057

Record 29 of 32

Title: Thermoresponsive micelles for radionuclide delivery

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Panek, J (Panek, Jiri); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Kucka, J (Kucka, Jan); Ulbrich, K (Ulbrich, Karel)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 148 **Issue:** 1 **Pages:** E60-E62 **DOI:** 10.1016/j.jconrel.2010.07.024 **Published:** NOV 20 2010

Accession Number: WOS:000296426400040

PubMed ID: 21529629

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Mackova, Hana	G-3247-2014	
Hruby, Martin	H-6479-2014	
Ulbrich, Karel	G-5145-2014	
Kucka, Jan	G-7884-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0168-3659

Record 30 of 32

Title: The Effects of Particle Size and Molecular Targeting on the Intratumoral and Subcellular Distribution of Polymeric Nanoparticles

Author(s): Lee, H (Lee, Helen); Fonge, H (Fonge, Humphrey); Hoang, B (Hoang, Bryan); Reilly, RM (Reilly, Raymond M.); Allen, C (Allen, Christine)

Source: MOLECULAR PHARMACEUTICS **Volume:** 7 **Issue:** 4 **Pages:** 1195-1208 **DOI:** 10.1021/mp100038h **Published:** JUL-AUG 2010

Accession Number: WOS:000280448100028

PubMed ID: 20476759

ISSN: 1543-8384

Record 31 of 32

Title: Injectable intratumoral depot of thermally responsive polypeptide-radionuclide conjugates delays tumor progression in a mouse model

Author(s): Liu, WG (Liu, Wenge); MacKay, JA (MacKay, J. Andrew); Dreher, MR (Dreher, Matthew R.); Chen, MN (Chen, Mingnan); McDaniel, JR (McDaniel, Jonathan R.); Simnick, AJ (Simnick, Andrew J.); Callahan, DJ (Callahan, Daniel J.); Zalutsky, MR (Zalutsky, Michael R.); Chilkoti, A (Chilkoti, Ashutosh)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 144 **Issue:** 1 **Pages:** 2-9 **DOI:** 10.1016/j.jconrel.2010.01.032 **Published:** MAY 21 2010

Accession Number: WOS:000278577500002

PubMed ID: 20117157

Author Identifiers:

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McDaniel, Jonathan		0000-0001-8575-3535
Liu, Wenge		0000-0002-0688-1879

ISSN: 0168-3659

Record 32 of 32

Title: Micelles based on HPMa copolymers

Author(s): Talelli, M (Talelli, M.); Rijcken, CJF (Rijcken, C. J. F.); van Nostrum, CF (van Nostrum, C. F.); Storm, G (Storm, G.); Hennink, WE (Hennink, W. E.)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 62 **Issue:** 2 **Pages:** 231-239 **DOI:** 10.1016/j.addr.2009.11.029 **Published:** FEB 17 2010

Accession Number: WOS:000275579900008

PubMed ID: 20004693

Author Identifiers:

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Talelli, Marina	K-3605-2014	0000-0002-7145-5729
van Nostrum, Cornelius I	9445-2016	
Talelli, Marina		0000-0001-5112-6138

ISSN: 0169-409X

eISSN: 1872-8294

Publication No 13 of 132

Title: Thermoresponsive polymers as promising new materials for local radiotherapy

Author(s): Hruby, M (Hruby, M); Subr, V (Subr, V); Kucka, J (Kucka, J); Kozempel, J (Kozempel, J); Lebeda, O (Lebeda, O); Sikora, A (Sikora, A)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 63 **Issue:** 4 **Pages:** 423-431 **DOI:** 10.1016/j.apradiso.2005.05.043 **Published:** OCT 2005

Accession Number: WOS:000232100500002

PubMed ID: 15996473

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Sikora, Antonin	H-2046-2014	
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Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Subr, Vladimir	G-3488-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Subr, Vladimir		0000-0002-1614-6595

ISSN: 0969-8043

Record 1 of 32

Title: Thermoresponsive electrospun fibers for water harvesting applications

Author(s): Thakur, N (Thakur, Neha); Baji, A (Baji, Avinash); Ranganath, AS (Ranganath, Anupama Sargur)

Source: APPLIED SURFACE SCIENCE **Volume:** 433 **Pages:** 1018-1024 **DOI:** 10.1016/j.apsusc.2017.10.113 **Published:** MAR 1 2018

Accession Number: WOS:000418883800125

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Baji, Avinash	P-9201-2018	0000-0001-9611-3381

ISSN: 0169-4332

eISSN: 1873-5584

Record 2 of 32

Title: Nanoparticles for SPECT and PET Imaging: Towards Personalized Medicine and Theranostics

Author(s): Polyak, A (Polyak, Andras); Ross, TL (Ross, Tobias L.)

Source: CURRENT MEDICINAL CHEMISTRY **Volume:** 25 **Issue:** 34 **Pages:** 4328-4353 **DOI:** 10.2174/0929867324666170830095553 **Published:** 2018

Accession Number: WOS:000451909100007

PubMed ID: 28875837

ISSN: 0929-8673

eISSN: 1875-533X

Record 3 of 32

Title: Y3+ embedded in polymeric nanoparticles: Morphology, dimension and stability of composite colloidal system

Author(s): Venditti, I (Venditti, I.); Cartoni, A (Cartoni, A.); Fontana, L (Fontana, L.); Testa, G (Testa, G.); Scaramuzzo, FA (Scaramuzzo, F. A.); Faccini, R (Faccini, R.); Terracciano, CM (Terracciano, C. Mancini); Camillocci, ES (Camillocci, E. Solfaroli); Morganti, S

(Morganti, S.); Giordano, A (Giordano, A.); Scotognella, T (Scotognella, T.); Rotili, D (Rotili, D.); Dini, V (Dini, V.); Marini, F (Marini, F.); Fratoddi, I (Fratoddi, I.)

Source: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS **Volume:** 532 **Pages:** 125-131 **DOI:** 10.1016/j.colsurfa.2017.05.082 **Published:** NOV 5 2017

Accession Number: WOS:000412065600018

Conference Title: 30th Meeting of the European-Colloid-and-Interface-Society (ECIS)

Conference Date: SEP 04-09, 2016

Conference Location: La Sapienza Univ Rome, Rome, ITALY

Conference Sponsors: European Colloid & Interface Soc

Conference Host: La Sapienza Univ Rome

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Camilloci, Elena Solfaroli	J-1596-2012	0000-0002-5347-7764
Mancini-Terracciano, Carlo P	P-3012-2014	0000-0001-8849-0259

ISSN: 0927-7757

eISSN: 1873-4359

Record 4 of 32

Title: Poly(2-ethyl-2-oxazoline) conjugates with doxorubicin for cancer therapy: In vitro and in vivo evaluation and direct comparison to poly [N-(2-hydroxypropyl)methacrylamide] analogues

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Mattova, J (Mattova, Jana); Kucka, J (Kucka, Jan); Panek, J (Panek, Jiri); Janouskova, O (Janouskova, Olga); Hoherl, A (Hoherl, Anita); Verbraeken, B (Verbraeken, Bart); Vergaelen, M (Vergaelen, Maarten); Zadinova, M (Zadinova, Marie); Hoogenboom, R (Hoogenboom, Richard); Hraby, M (Hraby, Martin)

Source: BIOMATERIALS **Volume:** 146 **Pages:** 1-12 **DOI:** 10.1016/j.biomaterials.2017.09.003 **Published:** NOV 2017

Accession Number: WOS:000412958000001

PubMed ID: 28892751

Author Identifiers:

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Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Hoogenboom, Richard B	B-8977-2008	0000-0001-7398-2058
Hraby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Panek, Jiri	H-7129-2014	
Monnery, Bryn		0000-0001-5691-5451

ISSN: 0142-9612

eISSN: 1878-5905

Record 5 of 32

Title: Brachytherapy with Intratumoral Injections of Radiometal-Labeled Polymers That Thermoresponsively Self-Aggregate in Tumor Tissues

Author(s): Sano, K (Sano, Kohei); Kanada, Y (Kanada, Yuko); Kanazaki, K (Kanazaki, Kengo); Ding, N (Ding, Ning); Ono, M (Ono, Masahiro); Saji, H (Saji, Hideo)

Source: JOURNAL OF NUCLEAR MEDICINE **Volume:** 58 **Issue:** 9 **Pages:** 1380-1385 **DOI:** 10.2967/jnumed.117.189993 **Published:** SEP 2017

Accession Number: WOS:000408907200010

PubMed ID: 28408533

ISSN: 0161-5505

eISSN: 1535-5667

Record 6 of 32

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hraby, M (Hraby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

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0000-0003-1433-678X

ISSN: 0862-8408
eISSN: 1802-9973

Record 7 of 32

Title: Metal-containing and related polymers for biomedical applications

Author(s): Yan, Y (Yan, Yi); Zhang, JY (Zhang, Jiuyang); Ren, LX (Ren, Lixia); Tang, CB (Tang, Chuanbing)

Source: CHEMICAL SOCIETY REVIEWS **Volume:** 45 **Issue:** 19 **Pages:** 5232-5263 **DOI:** 10.1039/c6cs00026f **Published:** 2016

Accession Number: WOS:000384876100007

PubMed ID: 26910408

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Author Web of Science ResearcherID ORCID Number

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eISSN: 1460-4744

Record 8 of 32

Title: Thermoresponsive polymer system based on poly(N-vinylcaprolactam) intended for local radiotherapy applications

Author(s): Cernoch, P (Cernoch, Peter); Cernochova, Z (Cernochova, Zulfiya); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Petrova, S (Petrova, Svetlana); Stepanek, P (Stepanek, Petr)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 98 **Pages:** 7-12 **DOI:** 10.1016/j.apradiso.2015.01.005 **Published:** APR 2015

Accession Number: WOS:000352245100002

PubMed ID: 25617711

Author Identifiers:

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Cernoch, Peter	H-6988-2014	
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Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0969-8043

Record 9 of 32

Title: Optimized protocol for the radioiodination of hydrazone-type polymer drug delivery systems

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 95 **Pages:** 129-134 **DOI:** 10.1016/j.apradiso.2014.10.016 **Published:** JAN 2015

Accession Number: WOS:000347585200021

PubMed ID: 25464189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0969-8043

Record 10 of 32

Title: Formation of DNA Adducts by Ellipticine and Its Micellar Form in Rats - A Comparative Study

Author(s): Stiborova, M (Stiborova, Marie); Manhartova, Z (Manhartova, Zuzana); Hodek, P (Hodek, Petr); Adam, V (Adam, Vojtech); Kizek, R (Kizek, Rene); Frei, E (Frei, Eva)

Source: SENSORS **Volume:** 14 **Issue:** 12 **Pages:** 22982-22997 **DOI:** 10.3390/s141222982 **Published:** DEC 2014

Accession Number: WOS:000346794300043

PubMed ID: 25479328

Author Identifiers:

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Hodek, Petr	G-1561-2010	0000-0003-3449-4697
Adam, Vojtech	D-7686-2012	0000-0002-8527-286X

Record 11 of 32

Title: Block copolymer micelles as carriers of transition metal ions Y(III) and Cu(II) and gelation thereof

Author(s): Zhu, W (Zhu, Wen); Zhang, K (Zhang, Ke); Chen, YM (Chen, Yongming)

Source: POLYMER **Volume:** 55 **Issue:** 24 **Pages:** 6232-6238 **DOI:** 10.1016/j.polymer.2014.10.009 **Published:** NOV 18 2014

Accession Number: WOS:000345488800005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Zhu, Wen	N-1261-2017	0000-0002-6067-2875

ISSN: 0032-3861

eISSN: 1873-2291

Record 12 of 32

Title: Delivery systems for brachytherapy

Author(s): de la Puente, P (de la Puente, Pilar); Azab, AK (Azab, Abdel Kareem)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 192 **Pages:** 19-28 **DOI:** 10.1016/j.jconrel.2014.06.057 **Published:** OCT 28 2014

Accession Number: WOS:000342460400003

PubMed ID: 25008970

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eISSN: 1873-4995

Record 13 of 32

Title: Chelating polymeric beads as potential therapeutics for Wilson's disease

Author(s): Mattova, J (Mattova, Jana); Pouckova, P (Pouckova, Pavia); Kucka, J (Kucka, Jan); Skodova, M (Skodova, Michaela); Vetrik, M (Vetrik, Miroslav); Stepanek, P (Stepanek, Petr); Urbanek, P (Urbanek, Petr); Petrik, M (Petrik, Milos); Novy, Z (Novy, Zbynek); Hruby, M (Hruby, Martin)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 62 **Pages:** 1-7 **DOI:** 10.1016/j.ejps.2014.05.002 **Published:** OCT 1 2014

Accession Number: WOS:000340301500001

PubMed ID: 24815561

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Skodova, Michaela	I-7597-2014	
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Record 14 of 32

Title: Preparation and evaluation of radioiodinated thermoresponsive polymer based on poly(N-isopropyl acrylamide) for radiotherapy

Author(s): Karir, T (Karir, Tarveen); Sarma, HD (Sarma, Haladhar D.); Samuel, G (Samuel, Grace); Hassan, PA (Hassan, Puthusserickal A.); Padmanabhan, D (Padmanabhan, D.); Venkatesh, M (Venkatesh, Meera)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 130 **Issue:** 2 **Pages:** 860-868 **DOI:** 10.1002/app.39235 **Published:** OCT 15 2013

Accession Number: WOS:000322238200018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sarma, Haladhar Dev	C-2350-2009	0000-0001-7168-4487

ISSN: 0021-8995

Record 15 of 32**Title:** New directions in thermoresponsive polymers**Author(s):** Roy, D (Roy, Debashish); Brooks, WLA (Brooks, William L. A.); Sumerlin, BS (Sumerlin, Brent S.)**Source:** CHEMICAL SOCIETY REVIEWS **Volume:** 42 **Issue:** 17 **Pages:** 7214-7243 **DOI:** 10.1039/c3cs35499g **Published:** 2013**Accession Number:** WOS:000322782700012**PubMed ID:** 23450220

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sumerlin, Brent S	C-8924-2015	0000-0001-5749-5444

ISSN: 0306-0012**eISSN:** 1460-4744**Record 16 of 32****Title:** Self-Assembled Polymeric Chelate Nanoparticles as Potential Theranostic Agents**Author(s):** Skodova, M (Skodova, M.); Cernoch, P (Cernoch, P.); Stepanek, P (Stepanek, P.); Chanova, E (Chanova, E.); Kucka, J (Kucka, J.); Kalalova, Z (Kalalova, Z.); Kankova, D (Kankova, D.); Hruby, M (Hruby, M.)**Source:** CHEMPHYSICHEM **Volume:** 13 **Issue:** 18 **Pages:** 4244-4250 **DOI:** 10.1002/cphc.201200681 **Published:** DEC 21 2012**Accession Number:** WOS:000313692600025**PubMed ID:** 23132772

Author Identifiers:

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Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Skodova, Michaela	I-7597-2014	

ISSN: 1439-4235**Record 17 of 32****Title:** Glycogen as a Biodegradable Construction Nanomaterial for in vivo Use**Author(s):** Filippov, SK (Filippov, Sergey K.); Sedlacek, O (Sedlacek, Ondrej); Bogomolova, A (Bogomolova, Anna); Vetrik, M (Vetrik, Miroslav); Jirak, D (Jirak, Daniel); Kovar, J (Kovar, Jan); Kucka, J (Kucka, Jan); Bals, S (Bals, Sara); Turner, S (Turner, Stuart); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)**Source:** MACROMOLECULAR BIOSCIENCE **Volume:** 12 **Issue:** 12 **Pages:** 1731-1738 **DOI:** 10.1002/mabi.201200294 **Published:** DEC 2012**Accession Number:** WOS:000312242600016**PubMed ID:** 23169686

Author Identifiers:

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Turner, Stuart	E-9219-2010	0000-0002-1073-4783
Kovar, Jan	P-7049-2019	
Jirak, Daniel	Q-5357-2017	0000-0001-6834-3462
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Vetrik, Miroslav	G-3495-2014	
Hruby, Martin	H-6479-2014	
Bogomolova, Anna	O-2982-2016	
Kovar, Jan		0000-0002-3352-8210

ISSN: 1616-5187**eISSN:** 1616-5195**Record 18 of 32****Title:** Thermoresponsive polymeric radionuclide delivery system-An injectable brachytherapy**Author(s):** Hruby, M (Hruby, Martin); Pouckova, P (Pouckova, Pavla); Zadinova, M (Zadinova, Marie); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej)**Source:** EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 42 **Issue:** 5 **Pages:** 484-488 **DOI:** 10.1016/j.ejps.2011.02.002 **Published:** APR 18 2011**Accession Number:** WOS:000290822800006**PubMed ID:** 21324355

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Hruby, Martin	H-6479-2014	

ISSN: 0928-0987

Record 19 of 32

Title: Polyoxazoline Thermoresponsive Micelles as Radionuclide Delivery Systems

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Panek, J (Panek, Jiri); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Kucka, J (Kucka, Jan); Vetricka, D (Vetricka, David); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 10 **Issue:** 8 **Pages:** 916-924 **DOI:** 10.1002/mabi.201000034 **Published:** AUG 11 2010

Accession Number: WOS:000281387900011

PubMed ID: 20491128

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Panek, Jiri	H-7129-2014	
Ulbrich, Karel	G-5145-2014	
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Vetricka, David	O-2384-2017	0000-0002-6098-1213

ISSN: 1616-5187

Record 20 of 32

Title: Biodistribution of a radiolabelled thermoresponsive polymer in mice

Author(s): Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Lebeda, O (Lebeda, Ondrej)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 6 **Pages:** 1073-1078 **DOI:** 10.1016/j.apradiso.2010.01.022 **Published:** JUN 2010

Accession Number: WOS:000276422100016

PubMed ID: 20122844

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0969-8043

Record 21 of 32

Title: Injectable intratumoral depot of thermally responsive polypeptide-radionuclide conjugates delays tumor progression in a mouse model

Author(s): Liu, WG (Liu, Wenge); MacKay, JA (MacKay, J. Andrew); Dreher, MR (Dreher, Matthew R.); Chen, MN (Chen, Mingnan); McDaniel, JR (McDaniel, Jonathan R.); Simnick, AJ (Simnick, Andrew J.); Callahan, DJ (Callahan, Daniel J.); Zalutsky, MR (Zalutsky, Michael R.); Chilkoti, A (Chilkoti, Ashutosh)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 144 **Issue:** 1 **Pages:** 2-9 **DOI:** 10.1016/j.jconrel.2010.01.032 **Published:** MAY 21 2010

Accession Number: WOS:000278577500002

PubMed ID: 20117157

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
chen, mingnan	E-9607-2011	
McDaniel, Jonathan		0000-0001-8575-3535
Liu, Wenge		0000-0002-0688-1879

ISSN: 0168-3659

Record 22 of 32

Title: New coupling strategy for radionuclide labeling of synthetic polymers

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Vetrík, M (Vetrík, Miroslav)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 2 **Pages:** 334-339 **DOI:**

10.1016/j.apradiso.2009.11.039 **Published:** FEB 2010

Accession Number: WOS:000276117500018

PubMed ID: 20004106

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Mackova, Hana	G-3247-2014	
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Kucka, Jan	G-7884-2014	
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Hruby, Martin	H-6479-2014	
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Vetrik, Miroslav	G-3495-2014	
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ISSN: 0969-8043

Record 23 of 32

Title: STIMULI-RESPONSIVE POLYMERIC MICELLES FOR DRUG DELIVERY PURPOSES

Author(s): Hruby, M (Hruby, Martin)

Edited by: Li S; Tiwari A; Prabakaran M; Aryal S

Source: SMART POLYMER MATERIALS FOR BIOMEDICAL APPLICATIONS **Book Series:** Materials Science and Technologies **Pages:** 193-211 **Published:** 2010

Accession Number: WOS:000283525900012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	
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ISBN: 978-1-60876-192-0

Record 24 of 32

Title: Thermoresponsive, Hydrolytically Degradable Polymer Micelles Intended for Radionuclide Delivery

Author(s): Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Filippov, SK (Filippov, Sergey K.); Vetricka, D (Vetricka, David); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Edwards, K (Edwards, Katarina); Rihova, B (Rihova, Blanka); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 9 **Issue:** 10 **Pages:** 1016-1027 **DOI:** 10.1002/mabi.200900083 **Published:** OCT 8 2009

Accession Number: WOS:000271174100009

PubMed ID: 19554646

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Vetricka, David	O-2384-2017	0000-0002-6098-1213
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Mackova, Hana	G-3247-2014	
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Ulbrich, Karel	G-5145-2014	
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Kucka, Jan	G-7884-2014	
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Edwards, Katarina	A-1159-2012	0000-0003-0674-2219
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Hruby, Martin	H-6479-2014	
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Vetrik, Miroslav	G-3495-2014	
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Rihova, Blanka	J-6314-2014	
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
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Konak, Cestmir	H-7177-2014	
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ISSN: 1616-5187

Record 25 of 32

Title: Synthesis, spectroscopic and structural elucidation of tyrosinamide hydrogensquarate monohydrate

Author(s): Kolev, TM (Kolev, Tsonko M.); Koleva, BB (Koleva, Bojidarka B.); Spiteller, M (Spiteller, Michael); Sheldrick, WS (Sheldrick, William S.); Mayer-Figge, H (Mayer-Figge, Heike)

Source: AMINO ACIDS **Volume:** 36 **Issue:** 2 **Pages:** 195-201 **DOI:** 10.1007/s00726-008-0047-4 **Published:** FEB 2009

Accession Number: WOS:000263058400005

PubMed ID: 18317871

ISSN: 0939-4451

Record 26 of 32

Title: Novel polymer vectors of Cu-64

Author(s): Kozempel, J (Kozempel, J.); Hruby, M (Hruby, M.); Novakova, M (Novakova, M.); Kucka, J (Kucka, J.); Leseticky, L (Leseticky, L.); Lebeda, O (Lebeda, O.)

Source: RADIOCHIMICA ACTA **Volume:** 97 **Issue:** 12 **Pages:** 747-752 **DOI:** 10.1524/ract.2009.1669 **Published:** 2009

Accession Number: WOS:000273180400011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kucka, Jan	G-7884-2014	
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225

ISSN: 0033-8230

Record 27 of 32

Title: Characterization of electrospun poly(N-isopropyl acrylamide) fibers

Author(s): Rockwood, DN (Rockwood, Danielle N.); Chase, DB (Chase, D. Bruce); Akins, RE (Akins, Robert E., Jr.); Rabolt, JF (Rabolt, John F.)

Source: POLYMER **Volume:** 49 **Issue:** 18 **Pages:** 4025-4032 **DOI:** 10.1016/j.polymer.2008.06.018 **Published:** AUG 26 2008

Accession Number: WOS:000259113900023

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Akins, Robert		0000-0001-9706-0752

ISSN: 0032-3861

Record 28 of 32

Title: Thermoresponsive polymers - From laboratory curiosity to advanced materials for medicinal applications

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Lebeda, O (Lebeda, Ondrej); Ulbrich, K (Ulbrich, Karel)

Source: CHEMICKE LISTY **Volume:** 102 **Issue:** 1 **Pages:** 21-27 **Published:** 2008

Accession Number: WOS:000253252500004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kucka, Jan	G-7884-2014	

ISSN: 0009-2770

Record 29 of 32

Title: Poly[(N-isopropylacrylamide-co-acrylamide-co-(hydroxyethyl-methacrylate))] thermoresponsive microspheres: An accurate method based on solute exclusion technique to determine the volume phase transition temperature

Author(s): Fundueanu, G (Fundueanu, G.); Constantin, M (Constantin, M.); Bortolotti, F (Bortolotti, F.); Cortesi, R (Cortesi, R.); Ascenzi, P (Ascenzi, P.); Menegatti, E (Menegatti, E.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 43 **Issue:** 8 **Pages:** 3500-3509 **DOI:** 10.1016/j.eurpolymj.2007.05.026 **Published:** AUG 2007

Accession Number: WOS:000249446700041

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Fundueanu, Gheorghe	B-6794-2012	
Constantin, Marieta	G-5199-2016	
Cortesi, Rita	G-9406-2012	0000-0002-1060-2676

ISSN: 0014-3057
eISSN: 1873-1945

Record 30 of 32

Title: Preparation and properties of thermo-sensitive hydrogels of konjac glucomannan grafted N-isopropylacrylamide for controlled drug delivery

Author(s): Xiong, ZC (Zuo Chun Xiong); Chen, HC (He Chun Chen); Huang, XC (Xiao Chuan Huang); Xu, LA (Li Ang Xu); Zhang, LF (Li Fang Zhang); Xiong, CD (Cheng Dong Xiong)

Source: IRANIAN POLYMER JOURNAL **Volume:** 16 **Issue:** 6 **Pages:** 425-431 **Published:** JUN 2007

Accession Number: WOS:000249680600007

ISSN: 1026-1265

eISSN: 1735-5265

Record 31 of 32

Title: New bioerodable thermoresponsive polymers for possible radiotherapeutic applications

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej); Mackova, H (Mackova, Hana); Babic, M (Babic, Michal); Konak, C (Konak, Cestmir); Studenovsky, M (Studenovsky, Martin); Sikora, A (Sikora, Antonin); Kozempel, J (Kozempel, Jan); Ulbrich, K (Ulbrich, Karel)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 119 **Issue:** 1 **Pages:** 25-33 **DOI:** 10.1016/j.jconrel.2007.02.009 **Published:** MAY 14 2007

Accession Number: WOS:000246678100002

PubMed ID: 17379348

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konak, Cestmir	H-7177-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Mackova, Hana	G-3247-2014	
Sikora, Antonin	H-2046-2014	
Studenovsky, Martin	H-4627-2014	
Babic, Michal	B-7075-2013	
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Babic, Michal	H-4353-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0168-3659

Record 32 of 32

Title: A new class of thin film hydrogels produced by plasma polymerization

Author(s): Bhattacharyya, D (Bhattacharyya, Dhiman); Pillai, K (Pillai, Karthikeyan); Chyan, OMR (Chyan, Oliver M. R.); Tang, LP (Tang, Liping); Timmons, RB (Timmons, Richard B.)

Source: CHEMISTRY OF MATERIALS **Volume:** 19 **Issue:** 9 **Pages:** 2222-2228 **DOI:** 10.1021/cm0630688 **Published:** MAY 1 2007

Accession Number: WOS:000245900100014

PubMed ID: 19079730

ISSN: 0897-4756

Publication No 14 of 132

Title: Fluorescent Nanodiamonds with Bioorthogonally Reactive Protein-Resistant Polymeric Coatings

Author(s): Rehor, I (Rehor, Ivan); Mackova, H (Mackova, Hana); Filippov, SK (Filippov, Sergey K.); Kucka, J (Kucka, Jan); Proks, V (Proks, Vladimir); Slegerova, J (Slegerova, Jitka); Turner, S (Turner, Stuart); Van Tendeloo, G (Van Tendeloo, Gustaaf); Ledvina, M (Ledvina, Miroslav); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)

Source: CHEMPLUSCHEM **Volume:** 79 **Issue:** 1 **Pages:** 21-24 **DOI:** 10.1002/cplu.201300339 **Published:** JAN 2014

Accession Number: WOS:000337974900002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Proks, Vladimir	C-1642-2013	
Mackova, Hana	G-3247-2014	
Turner, Stuart	E-9219-2010	0000-0002-1073-4783
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 2192-6506

Record 1 of 31**Title:** Surface engineering and applications of nanodiamonds in cancer treatment and imaging**Author(s):** Lai, H (Lai, H.); Stenzel, MH (Stenzel, M. H.); Xiao, P (Xiao, P.)**Source:** INTERNATIONAL MATERIALS REVIEWS **DOI:** 10.1080/09506608.2019.1622202 **Early Access Date:** JUN 2019**Accession Number:** WOS:000475218600001**ISSN:** 0950-6608**eISSN:** 1743-2804**Record 2 of 31****Title:** Production, surface modification and biomedical applications of nanodiamonds: A sparkling tool for theranostics**Author(s):** Tinwala, H (Tinwala, Hussain); Wairkar, S (Wairkar, Sarika)**Source:** MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS **Volume:** 97 **Pages:** 913-931 **DOI:** 10.1016/j.msec.2018.12.073 **Published:** APR 2019**Accession Number:** WOS:000457952800089**PubMed ID:** 30678981

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wairkar, Sarika	J-7571-2019	0000-0002-0124-1741

ISSN: 0928-4931**eISSN:** 1873-0191**Record 3 of 31****Title:** Supported Lipid Bilayers on Fluorescent Nanodiamonds: A Structurally Defined and Versatile Coating for Bioapplications**Author(s):** Vavra, J (Vavra, Jan); Rehor, I (Rehor, Ivan); Rendler, T (Rendler, Torsten); Jani, M (Jani, Mona); Bednar, J (Bednar, Jan); Baksh, MM (Baksh, Michael M.); Zappe, A (Zappe, Andrea); Wrachtrup, J (Wrachtrup, Joerg); Cigler, P (Cigler, Petr)**Source:** ADVANCED FUNCTIONAL MATERIALS **Volume:** 28 **Issue:** 45 **Article Number:** 1803406 **DOI:** 10.1002/adfm.201803406 **Published:** NOV 7 2018**Accession Number:** WOS:000449706700025

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Cigler, Petr		0000-0003-0283-647X

ISSN: 1616-301X**eISSN:** 1616-3028**Record 4 of 31****Title:** Extremely rapid isotropic irradiation of nanoparticles with ions generated in situ by a nuclear reaction**Author(s):** Havlik, J (Havlik, Jan); Petrakova, V (Petrakova, Vladimira); Kucka, J (Kucka, Jan); Raabova, H (Raabova, Helena); Panek, D (Panek, Dalibor); Stepan, V (Stepan, Vaclav); Cilova, ZZ (Cilova, Zuzana Zlamalova); Reineck, P (Reineck, Philipp); Stursa, J (Stursa, Jan); Kucera, J (Kucera, Jan); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)**Source:** NATURE COMMUNICATIONS **Volume:** 9 **Article Number:** 4467 **DOI:** 10.1038/s41467-018-06789-8 **Published:** OCT 26 2018**Accession Number:** WOS:000448414100017**PubMed ID:** 30367036

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucera, Jan	G-8507-2014	
Havlik, Jan	H-1522-2012	0000-0001-7059-8720
Kucka, Jan	G-7884-2014	
Cigler, Petr	B-1142-2012	
Hruby, Martin	H-6479-2014	
Stursa, Jan	G-7950-2014	
Stepan, Vaclav	G-7865-2014	0000-0002-7696-2877
Reineck, Philipp	N-4801-2014	0000-0003-1549-937X

ISSN: 2041-1723**Record 5 of 31****Title:** Biohybrid fluorescent nanodiamonds as dual-contrast markers for light and electron microscopies**Author(s):** Sotoma, S (Sotoma, Shingo); Hsieh, FJ (Hsieh, Feng-Jen); Chang, HC (Chang, Huan-Cheng)**Source:** JOURNAL OF THE CHINESE CHEMICAL SOCIETY **Volume:** 65 **Issue:** 9 **Pages:** 1136-1146 **DOI:** 10.1002/jccs.201800157 **Published:** SEP 2018

Accession Number: WOS:000445332700014

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Chang, Huan-Cheng A-9358-2012

ISSN: 0009-4536

eISSN: 2192-6549

Record 6 of 31

Title: Emerging trends in 2D nanotechnology that are redefining our understanding of "Nanocomposites"

Author(s): Liu, PW (Liu, Pingwei); Cottrill, AL (Cottrill, Anton L.); Kozawa, D (Kozawa, Daichi); Koman, VB (Koman, Volodymyr B.); Parviz, D (Parviz, Dorsa); Liu, AT (Liu, Albert Tianxiang); Yang, JF (Yang, Jingfan); Tran, TQ (Tran, Thang Q.); Wong, MH (Wong, Min Hao); Wang, S (Wang, Song); Strano, MS (Strano, Michael S.)

Source: NANO TODAY **Volume:** 21 **Pages:** 18-40 **DOI:** 10.1016/j.nantod.2018.04.012 **Published:** AUG 2018

Accession Number: WOS:000442332900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kozawa, Daichi	C-3917-2012	0000-0002-0629-5589
Tran, Thang		0000-0001-8918-3576
Liu, Albert Tianxiang		0000-0001-8854-5854

ISSN: 1748-0132

eISSN: 1878-044X

Record 7 of 31

Title: Stabilization of detonation nanodiamonds hydrosol in physiological media with poly(vinylpyrrolidone)

Author(s): Kulvelis, YV (Kulvelis, Yu V.); Shvidchenko, AV (Shvidchenko, A. V.); Aleksenskii, AE (Aleksenskii, A. E.); Yudina, EB (Yudina, E. B.); Lebedev, VT (Lebedev, V. T.); Shestakov, MS (Shestakov, M. S.); Dideikin, AT (Dideikin, A. T.); Khozyaeva, LO (Khozyaeva, L. O.); Kuklin, AI (Kuklin, A. I.); Torok, G (Torok, Gy.); Rulev, MI (Rulev, M. I.); Vul, AY (Vul, A. Ya.)

Source: DIAMOND AND RELATED MATERIALS **Volume:** 87 **Pages:** 78-89 **DOI:** 10.1016/j.diamond.2018.05.012 **Published:** AUG 2018

Accession Number: WOS:000445294200011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Aleksenskii, Aleksandr	H-3123-2014	0000-0002-5004-6993
Kuklin, Alexander	N-8107-2019	0000-0002-4530-2980
Shvidchenko, Aleksandr	K-3319-2012	0000-0002-5417-7472
Kulvelis, Yuri		0000-0002-3228-3039
Shestakov, Mikhail		0000-0002-3665-9216

ISSN: 0925-9635

eISSN: 1879-0062

Record 8 of 31

Title: Proton-Gradient-Driven Oriented Motion of Nanodiamonds Grafted to Graphene by Dynamic Covalent Bonds

Author(s): Kovaricek, P (Kovaricek, Petr); Cebecauer, M (Cebecauer, Marek); Neburkova, J (Neburkova, Jitka); Barton, J (Barton, Jan); Fridrichova, M (Fridrichova, Michaela); Drogowska, KA (Drogowska, Karolina A.); Cigler, P (Cigler, Petr); Lehn, JM (Lehn, Jean-Marie); Kalbac, M (Kalbac, Martin)

Source: ACS NANO **Volume:** 12 **Issue:** 7 **Pages:** 7141-7147 **DOI:** 10.1021/acsnano.8b03015 **Published:** JUL 2018

Accession Number: WOS:000440505000079

PubMed ID: 29889492

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cebecauer, Marek	F-5169-2014	0000-0002-4606-1218
Barton, Jan	M-6715-2019	0000-0002-2834-8725
Fridrichova, Michaela	A-7017-2013	0000-0002-3636-723X
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Kovaricek, Petr	B-8431-2011	0000-0002-4404-3606
Drogowska, Karolina	H-8445-2014	
Cigler, Petr	B-1142-2012	
Cigler, Petr		0000-0003-0283-647X

ISSN: 1936-0851

eISSN: 1936-086X

Record 9 of 31

Title: Recombinant Protein Polymers for Colloidal Stabilization and Improvement of Cellular Uptake of Diamond Nanosensors

Author(s): Zheng, T (Zheng, Tingting); Martinez, FP (Martinez, Felipe Perona); Storm, IM (Storm, Ingeborg Maria); Rombouts, W (Rombouts, Wolf); Sprakel, J (Sprakel, Joris); Schirhagl, R (Schirhagl, Romana); de Vries, R (de Vries, Renko)
Source: ANALYTICAL CHEMISTRY **Volume:** 89 **Issue:** 23 **Pages:** 12812-12820 **DOI:** 10.1021/acs.analchem.7b03236 **Published:** DEC 5 2017
Accession Number: WOS:000417549600030
PubMed ID: 29111679
ISSN: 0003-2700
eISSN: 1520-6882

Record 10 of 31

Title: Nanodiamonds for Biological Applications
Author(s): Wu, YZ (Wu, Yuzhou); Weil, T (Weil, Tanja)
Source: PHYSICAL SCIENCES REVIEWS **Volume:** 2 **Issue:** 6 **Article Number:** UNSP 20160104 **DOI:** 10.1515/psr-2016-0104 **Published:** JUN 2017
Accession Number: WOS:000444714000006
ISSN: 2365-6581
eISSN: 2365-659X

Record 11 of 31

Title: The interaction of fluorescent nanodiamond probes with cellular media
Author(s): Hemelaar, SR (Hemelaar, Simon R.); Nagl, A (Nagl, Andreas); Bigot, F (Bigot, Francois); Rodriguez-Garcia, MM (Rodriguez-Garcia, Melissa M.); de Vries, MP (de Vries, Marcel P.); Chipaux, M (Chipaux, Mayeul); Schirhagl, R (Schirhagl, Romana)
Source: MICROCHIMICA ACTA **Volume:** 184 **Issue:** 4 **Pages:** 1001-1009 **DOI:** 10.1007/s00604-017-2086-6 **Published:** APR 2017
Accession Number: WOS:000397497900003
PubMed ID: 28344361
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chipaux, Mayeul		0000-0002-2906-6084

ISSN: 0026-3672
eISSN: 1436-5073

Record 12 of 31

Title: Optical imaging of localized chemical events using programmable diamond quantum nanosensors
Author(s): Rendler, T (Rendler, Torsten); Neburkova, J (Neburkova, Jitka); Zemek, O (Zemek, Ondrej); Kotek, J (Kotek, Jan); Zappe, A (Zappe, Andrea); Chu, ZQ (Chu, Zhiqin); Cigler, P (Cigler, Petr); Wrachtrup, J (Wrachtrup, Joerg)
Source: NATURE COMMUNICATIONS **Volume:** 8 **Article Number:** 14701 **DOI:** 10.1038/ncomms14701 **Published:** MAR 20 2017
Accession Number: WOS:000396666300001
PubMed ID: 28317922
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Zemek, Ondrej	N-6587-2016	0000-0002-9907-4047
Kotek, Jan	B-1157-2017	0000-0003-1777-729X
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751

ISSN: 2041-1723

Record 13 of 31

Title: Coating nanodiamonds with biocompatible shells for applications in biology and medicine
Author(s): Neburkova, J (Neburkova, Jitka); Vavra, J (Vavra, Jan); Cigler, P (Cigler, Petr)
Source: CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE **Volume:** 21 **Issue:** 1 **Special Issue:** SI **Pages:** 43-53 **DOI:** 10.1016/j.cossms.2016.05.008 **Published:** FEB 2017
Accession Number: WOS:000396954200006
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751

ISSN: 1359-0286
eISSN: 1879-0348

Record 14 of 31

Title: Nanodiamonds embedded in shells

Author(s): Neburkova, J (Neburkova, Jitka); Vavra, J (Vavra, Jan); Raabova, H (Raabova, Helena); Pramanik, G (Pramanik, Goutam); Havlik, J (Havlik, Jan); Cigler, P (Cigler, Petr)

Edited by: Arnault JC

Source: NANODIAMONDS: ADVANCED MATERIAL ANALYSIS, PROPERTIES AND APPLICATIONS **Book Series:** Micro & Nano Technologies **Pages:** 339-363 **Published:** 2017

Accession Number: WOS:000416010700014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Havlik, Jan	H-1522-2012	0000-0001-7059-8720

ISBN: 978-0-323-43032-6; 978-0-323-43029-6

Record 15 of 31

Title: Biomarkers and drug delivery applications

Author(s): Chang, BM (Chang, Be-Ming); Ho, D (Ho, Dean); Chang, HC (Chang, Huan-Cheng)

Edited by: Arnault JC

Source: NANODIAMONDS: ADVANCED MATERIAL ANALYSIS, PROPERTIES AND APPLICATIONS **Book Series:** Micro & Nano Technologies **Pages:** 403-417 **Published:** 2017

Accession Number: WOS:000416010700017

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chang, Huan-Cheng	A-9358-2012	

ISBN: 978-0-323-43032-6; 978-0-323-43029-6

Record 16 of 31

Title: Contrast Induced by a Static Magnetic Field for Improved Detection in Nanodiamond Fluorescence Microscopy

Author(s): Singam, SKR (Singam, Shashi K. R.); Motylewski, J (Motylewski, Jaroslaw); Monaco, A (Monaco, Antonina); Gjorgievska, E (Gjorgievska, Elena); Bourgeois, E (Bourgeois, Emilie); Nesladek, M (Nesladek, Milos); Giugliano, M (Giugliano, Michele); Goovaerts, E (Goovaerts, Etienne)

Source: PHYSICAL REVIEW APPLIED **Volume:** 6 **Issue:** 6 **Article Number:** 064013 **DOI:** 10.1103/PhysRevApplied.6.064013 **Published:** DEC 27 2016

Accession Number: WOS:000391036500001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Goovaerts, Etienne	C-9630-2012	0000-0002-8613-4856

ISSN: 2331-7019

Record 17 of 31

Title: Functionalization of Carbon Nanomaterial Surface by Doxorubicin and Antibodies to Tumor Markers

Author(s): Perepelytsina, OM (Perepelytsina, Olena M.); Yakymchuk, OM (Yakymchuk, Olena M.); Sydorenko, MV (Sydorenko, Mychailo V.); Bakalinska, ON (Bakalinska, Olga N.); Bloisi, F (Bloisi, Francesco); Vicari, LRM (Vicari, Luciano Rosario Maria)

Source: NANOSCALE RESEARCH LETTERS **Volume:** 11 **Article Number:** 314 **DOI:** 10.1186/s11671-016-1537-z **Published:** JUN 29 2016

Accession Number: WOS:000379682500004

PubMed ID: 27356561

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
VICARI, Luciano Rosario Maria	S-2875-2019	0000-0003-1835-6411
Bloisi, Francesco		0000-0002-9714-9244

ISSN: 1931-7573

eISSN: 1556-276X

Record 18 of 31

Title: Photoluminescent Carbon Nanostructures

Author(s): Kozak, O (Kozak, Ondrej); Sudolska, M (Sudolska, Maria); Pramanik, G (Pramanik, Goutam); Cigler, P (Cigler, Petr); Otyepka, M (Otyepka, Michal); Zboril, R (Zboril, Radek)

Source: CHEMISTRY OF MATERIALS **Volume:** 28 **Issue:** 12 **Pages:** 4085-4128 **DOI:** 10.1021/acs.chemmater.6b01372 **Published:** JUN 28 2016

Accession Number: WOS:000378973100002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zboril, Radek	K-1530-2019	
Zboril, Radek	F-5153-2015	0000-0002-3147-2196
Cigler, Petr	B-1142-2012	
Kozak, Ondrej	B-6380-2015	
Otyepka, Michal	D-1220-2017	0000-0002-1066-5677

ISSN: 0897-4756

eISSN: 1520-5002

Record 19 of 31

Title: Benchtop Fluorination of Fluorescent Nanodiamonds on a Preparative Scale: Toward Unusually Hydrophilic Bright Particles

Author(s): Havlik, J (Havlik, Jan); Raabova, H (Raabova, Helena); Gulka, M (Gulka, Michal); Petrakova, V (Petrakova, Vladimira); Krecmarova, M (Krecmarova, Marie); Masek, V (Masek, Vlastimil); Lousa, P (Lousa, Petr); Stursa, J (Stursa, Jan); Boyen, HG (Boyen, Hans-Gerd); Nesladek, M (Nesladek, Milos); Cigler, P (Cigler, Petr)

Source: ADVANCED FUNCTIONAL MATERIALS **Volume:** 26 **Issue:** 23 **Pages:** 4134-4142 **DOI:** 10.1002/adfm.201504857 **Published:** JUN 20 2016

Accession Number: WOS:000379731500010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Petrakova, Vladimira	M-7014-2017	
Cigler, Petr	B-1142-2012	
Masek, Vlastimil	A-9128-2010	
Boyen, Hans-Gerd	N-2214-2014	0000-0003-0711-7597
Havlik, Jan	H-1522-2012	0000-0001-7059-8720
Krecmarova, Marie	O-2687-2017	0000-0002-5401-5705

ISSN: 1616-301X

eISSN: 1616-3028

Record 20 of 31

Title: Mass production of fluorescent nanodiamonds with a narrow emission intensity distribution

Author(s): Stursa, J (Stursa, Jan); Havlik, J (Havlik, Jan); Petrakova, V (Petrakova, Vladimira); Gulka, M (Gulka, Michal); Rails, J (Rails, Jan); Zach, V (Zach, Vaclav); Pulec, Z (Pulec, Zdenek); Stepan, V (Stepan, Vaclav); Zargaleh, SA (Zargaleh, Soroush Abbasi); Ledvina, M (Ledvina, Miroslav); Nesladek, M (Nesladek, Milos); Treussart, F (Treussart, Francois); Cigler, P (Cigler, Petr)

Source: CARBON **Volume:** 96 **Pages:** 812-818 **DOI:** 10.1016/j.carbon.2015.09.111 **Published:** JAN 2016

Accession Number: WOS:000366078000095

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Havlik, Jan	H-1522-2012	0000-0001-7059-8720
TREUSSART, Francois	M-3274-2013	0000-0002-1755-0688
Stepan, Vaclav	G-7865-2014	0000-0002-7696-2877
Petrakova, Vladimira	M-7014-2017	
Cigler, Petr	B-1142-2012	

ISSN: 0008-6223

eISSN: 1873-3891

Record 21 of 31

Title: Bioorthogonal fluorescent labels: a review on combined forces

Author(s): Cserep, GB (Cserep, Gergely B.); Herner, A (Herner, Andras); Kele, P (Kele, Peter)

Source: METHODS AND APPLICATIONS IN FLUORESCENCE **Volume:** 3 **Issue:** 4 **Article Number:** 042001 **DOI:** 10.1088/2050-6120/3/4/042001 **Published:** DEC 2015

Accession Number: WOS:000380688100004

PubMed ID: 29148505

ISSN: 2050-6120

Record 22 of 31

Title: Fluorescent Nanodiamond Silk Fibroin Spheres: Advanced Nanoscale Bioimaging Tool

Author(s): Khalid, A (Khalid, Asma); Mitropoulos, AN (Mitropoulos, Alexander N.); Marelli, B (Marelli, Benedetto); Simpson, DA (Simpson, David A.); Tran, PA (Tran, Phong A.); Omenetto, FG (Omenetto, Fiorenzo G.); Tomljenovic-Hanic, S (Tomljenovic-Hanic, Snjezana)

Source: ACS BIOMATERIALS SCIENCE & ENGINEERING **Volume:** 1 **Issue:** 11 **Pages:** 1104-1113 **DOI:** 10.1021/acsbiomaterials.5b00220 **Published:** NOV 2015

Accession Number: WOS:000369348500007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Simpson, David	F-8488-2012	0000-0001-9056-2469
Tran, Phong	I-4039-2017	0000-0003-2820-7399
Marelli, Benedetto		0000-0001-5311-6961

ISSN: 2373-9878

Record 23 of 31

Title: Thiourea-Bridged Nanodiamond Glycoconjugates as Inhibitors of Bacterial Adhesion

Author(s): Fessele, C (Fessele, Claudia); Wachtler, S (Wachtler, Stefan); Chandrasekaran, V (Chandrasekaran, Vijayanand); Stiller, C (Stiller, Carina); Lindhorst, TK (Lindhorst, Thisbe K.); Krueger, A (Krueger, Anke)

Source: EUROPEAN JOURNAL OF ORGANIC CHEMISTRY **Issue:** 25 **Pages:** 5519-5525 **DOI:** 10.1002/ejoc.201500532 **Published:** SEP 2015

Accession Number: WOS:000360064500005

ISSN: 1434-193X

eISSN: 1099-0690

Record 24 of 31

Title: Toward Multifunctional "Clickable" Diamond Nanoparticles

Author(s): Khanal, M (Khanal, Manakamana); Turcheniuk, V (Turcheniuk, Volodymyr); Barras, A (Barras, Alexandre); Rosay, E (Rosay, Elodie); Bande, O (Bande, Omprakash); Siriwardena, A (Siriwardena, Aloysius); Zaitsev, V (Zaitsev, Vladimir); Pan, GH (Pan, Guo-Hui); Boukherroub, R (Boukherroub, Rabah); Szunerits, S (Szunerits, Sabine)

Source: LANGMUIR **Volume:** 31 **Issue:** 13 **Pages:** 3926-3933 **DOI:** 10.1021/acs.langmuir.5b00643 **Published:** APR 7 2015

Accession Number: WOS:000352660500021

PubMed ID: 25781327

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zaitsev, Volodymyr	H-7295-2012	0000-0001-5067-3658
BARRAS, Alexandre	C-3919-2011	0000-0003-2821-7079
Boukherroub, Rabah	I-4826-2017	0000-0002-9795-9888
Szunerits, Sabine		0000-0002-1567-4943

ISSN: 0743-7463

Record 25 of 31

Title: Plasmonic Nanodiamonds: Targeted Core-Shell Type Nanoparticles for Cancer Cell Thermoablation

Author(s): Rehor, I (Rehor, Ivan); Lee, KL (Lee, Karin L.); Chen, K (Chen, Kevin); Hajek, M (Hajek, Miroslav); Havlik, J (Havlik, Jan); Lokajova, J (Lokajova, Jana); Masat, M (Masat, Milan); Slegerova, J (Slegerova, Jitka); Shukla, S (Shukla, Sourabh); Heidari, H (Heidari, Hamed); Bals, S (Bals, Sara); Steinmetz, NF (Steinmetz, Nicole F.); Cigler, P (Cigler, Petr)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 4 **Issue:** 3 **DOI:** 10.1002/adhm.201400421 **Published:** FEB 18 2015

Accession Number: WOS:000349961600014

PubMed ID: 25336437

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Hajek, Miroslav	G-1364-2014	0000-0002-8906-243X
Havlik, Jan	H-1522-2012	0000-0001-7059-8720
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124
Cigler, Petr	B-1142-2012	
Heidari Mezerji, Hamed	E-6692-2015	0000-0002-9814-9676
Bals, Sara	F-6963-2016	0000-0002-4249-8017

ISSN: 2192-2640

eISSN: 2192-2659

Record 26 of 31

Title: Designing the nanobiointerface of fluorescent nanodiamonds: highly selective targeting of glioma cancer cells

Author(s): Slegerova, J (Slegerova, Jitka); Hajek, M (Hajek, Miroslav); Rehor, I (Rehor, Ivan); Sedlak, F (Sedlak, Frantisek); Stursa, J (Stursa, Jan); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)

Source: NANOSCALE **Volume:** 7 **Issue:** 2 **Pages:** 415-420 **DOI:** 10.1039/c4nr02776k **Published:** 2015

Accession Number: WOS:000347245500003

PubMed ID: 25132312

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Cigler, Petr	B-1142-2012	
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Sedlak, Frantisek	H-1420-2014	
Hruby, Martin	H-6479-2014	
Hajek, Miroslav	G-1364-2014	0000-0002-8906-243X
Stursa, Jan	G-7950-2014	
Sedlak, Frantisek		0000-0002-5565-8462

ISSN: 2040-3364
eISSN: 2040-3372

Record 27 of 31

Title: The impact of 1,2,3-triazoles in the design of functional coatings
Author(s): Kantheti, S (Kantheti, Sasidhar); Narayan, R (Narayan, Ramanuj); Raju, KVS (Raju, K. V. S. N.)
Source: RSC ADVANCES **Volume:** 5 **Issue:** 5 **Pages:** 3687-3708 **DOI:** 10.1039/c4ra12739k **Published:** 2015
Accession Number: WOS:000346405200071
ISSN: 2046-2069

Record 28 of 31

Title: Precise estimation of HPHT nanodiamond size distribution based on transmission electron microscopy image analysis
Author(s): Rehor, I (Rehor, Ivan); Cigler, P (Cigler, Petr)
Source: DIAMOND AND RELATED MATERIALS **Volume:** 46 **Pages:** 21-24 **DOI:** 10.1016/j.diamond.2014.04.002 **Published:** JUN 2014
Accession Number: WOS:000337985900004
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124

ISSN: 0925-9635
eISSN: 1879-0062

Record 29 of 31

Title: Unambiguous observation of shape effects on cellular fate of nanoparticles
Author(s): Chu, ZQ (Chu, Zhiqin); Zhang, SL (Zhang, Silu); Zhang, BK (Zhang, Bokai); Zhang, CY (Zhang, Chunyuan); Fang, CY (Fang, Chia-Yi); Rehor, I (Rehor, Ivan); Cigler, P (Cigler, Petr); Chang, HC (Chang, Huan-Cheng); Lin, G (Lin, Ge); Liu, RB (Liu, Renbao); Li, Q (Li, Quan)
Source: SCIENTIFIC REPORTS **Volume:** 4 **Article Number:** 4495 **DOI:** 10.1038/srep04495 **Published:** MAR 28 2014
Accession Number: WOS:000333515700002
PubMed ID: 24675513
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chang, Huan-Cheng	A-9358-2012	
Rehor, Ivan	B-2356-2012	0000-0002-1773-6124
Liu, Ren-Bao	B-3729-2011	0000-0002-0620-2370
Li, Quan	G-5082-2013	0000-0001-8563-1802
Cigler, Petr	B-1142-2012	

ISSN: 2045-2322

Record 30 of 31

Title: Nanodiamonds as Intracellular Probes for Imaging in Biology and Medicine
Author(s): Slegerova, J (Slegerova, Jitka); Rehor, I (Rehor, Ivan); Havlik, J (Havlik, Jan); Raabova, H (Raabova, Helena); Muchova, E (Muchova, Eva); Cigler, P (Cigler, Petr)
Edited by: Prokop A; Iwasaki Y; Harada A
Source: INTRACELLULAR DELIVERY II: FUNDAMENTALS AND APPLICATIONS **Book Series:** Fundamental Biomedical Technologies **Volume:** 7 **Pages:** 363-401 **DOI:** 10.1007/978-94-017-8896-0_18 **Published:** 2014
Accession Number: WOS:000344881200019
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Muchova, Eva	A-3104-2013	0000-0002-3768-6208
Havlik, Jan	H-1522-2012	0000-0001-7059-8720
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Cigler, Petr	B-1142-2012	

ISSN: 1559-7083

ISBN: 978-94-017-8896-0; 978-94-017-8895-3

Book DOI: 10.1007/978-94-017-8896-0

Record 31 of 31

Title: Nanodiamonds - Fluorescent and Imaging Nanoprobes

Author(s): Slegerova, J (Slegerova, Jitka); Cigler, P (Cigler, Petr)

Source: CHEMICKE LISTY **Volume:** 108 **Issue:** 4 **Pages:** 387-393 **Published:** 2014

Accession Number: WOS:000336833500015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Neburkova, Jitka	G-5942-2014	0000-0002-2528-3751
Cigler, Petr	B-1142-2012	

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 15 of 132

Title: Structural Diversity of Solid Dispersions of Acetylsalicylic Acid As Seen by Solid-State NMR

Author(s): Policianova, O (Policianova, Olivia); Brus, J (Brus, Jiri); Hruby, M (Hruby, Martin); Urbanova, M (Urbanova, Martina); Zhigunov, A (Zhigunov, Alexander); Kredatusova, J (Kredatusova, Jana); Kobera, L (Kobera, Libor)

Source: MOLECULAR PHARMACEUTICS **Volume:** 11 **Issue:** 2 **Pages:** 516-530 **DOI:** 10.1021/mp400495h **Published:** FEB 2014

Accession Number: WOS:000330812500015

PubMed ID: 24417442

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Urbanova, Martina	G-9793-2014	0000-0003-1316-6395
Kuckackova, Olivia	G-5692-2014	
Hruby, Martin	H-6479-2014	
Kredatusova, Jana	G-8468-2014	
Kobera, Libor	G-5237-2014	0000-0002-8826-948X
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Zhigunov, Alexander	C-3924-2012	

ISSN: 1543-8384

Record 1 of 28

Title: Production of stable amorphous form by means of spray drying

Author(s): Nežic, I (Nežic, Igor); Sander, A (Sander, Aleksandra); Mestrovic, E (Mestrovic, Ernest); Cavuzic, D (Cavuzic, Drzen)

Source: PARTICULATE SCIENCE AND TECHNOLOGY **Volume:** 37 **Issue:** 5 **Pages:** 628-638 **DOI:** 10.1080/02726351.2017.1417936 **Published:** JUL 4 2019

Accession Number: WOS:000470662500011

ISSN: 0272-6351

eISSN: 1548-0046

Record 2 of 28

Title: Molecular Interactions in Posaconazole Amorphous Solid Dispersions from Two-Dimensional Solid-State NMR Spectroscopy

Author(s): Lu, XY (Lu, Xingyu); Huang, CB (Huang, Chenbin); Lowinger, MB (Lowinger, Michael B.); Yang, FY (Yang, Fengyuan); Xu, W (Xu, Wei); Brown, CD (Brown, Chad D.); Hesk, D (Hesk, David); Koynov, A (Koynov, Athanas); Schenck, L (Schenck, Luke); Su, YC (Su, Yongchao)

Source: MOLECULAR PHARMACEUTICS **Volume:** 16 **Issue:** 6 **Pages:** 2579-2589 **DOI:** 10.1021/acs.molpharmaceut.9b00174 **Published:** JUN 2019

Accession Number: WOS:000470332100030

PubMed ID: 31021639

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Su, Yongchao	B-6749-2009	0000-0001-5063-3218

ISSN: 1543-8384

Record 3 of 28

Title: Exploring the use of spray congealing to produce solid dispersions with enhanced indomethacin bioavailability: In vitro characterization and in vivo study

Author(s): Bertoni, S (Bertoni, Serena); Albertini, B (Albertini, Beatrice); Ferraro, L (Ferraro, Luca); Beggiato, S (Beggiato, Sarah); Dalpiaz, A (Dalpiaz, Alessandro); Passerini, N (Passerini, Nadia)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS **Volume:** 139 **Pages:** 132-141 **DOI:** 10.1016/j.ejpb.2019.03.020 **Published:** JUN 2019

Accession Number: WOS:000468711400014

PubMed ID: 30910731

ISSN: 0939-6411

eISSN: 1873-3441

Record 4 of 28

Title: Interpolymer complexes of carbopol (R) 971 and poly(2-ethyl-2-oxazoline): Physicochemical studies of complexation and formulations for oral drug delivery

Author(s): Moustafine, RI (Moustafine, Rouslan, I); Viktorova, AS (Viktorova, Anastasiya S.); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 558 **Pages:** 53-62 **DOI:** 10.1016/j.ijpharm.2019.01.002 **Published:** MAR 10 2019

Accession Number: WOS:000458368800006

PubMed ID: 30634031

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Khutoryanskiy, Vitaliy	D-3712-2012	0000-0002-7221-2630

ISSN: 0378-5173

eISSN: 1873-3476

Record 5 of 28

Title: Highly Soluble Drugs Directly Granulated by Water Dispersions of Insoluble Eudragit (R) Polymers as a Part of Hypromellose K100M Matrix Systems

Author(s): Maskova, E (Maskova, Eliska); Naisierova, M (Naisierova, Martina); Kubova, K (Kubova, Katerina); Masek, J (Masek, Josef); Pavlova, S (Pavlova, Sylvie); Urbanova, M (Urbanova, Martina); Brus, J (Brus, Jiri); Vyslouzil, J (Vyslouzil, Jakub); Vetchy, D (Vetchy, David)

Source: BIOMED RESEARCH INTERNATIONAL **Article Number:** 8043415 **DOI:** 10.1155/2019/8043415 **Published:** 2019

Accession Number: WOS:000461616600001

PubMed ID: 30949510

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Urbanova, Martina	G-9793-2014	0000-0003-1316-6395
Masek, Josef	B-3734-2015	0000-0001-6788-8487

ISSN: 2314-6133

eISSN: 2314-6141

Record 6 of 28

Title: Identification of molecular-interaction sites between lowly hydrolyzed polyvinyl alcohols and indomethacin by NMR spectroscopy

Author(s): Mori, Y (Mori, Yoshimasa); Takahashi, M (Takahashi, Mitumasa); Ohno, Y (Ohno, Yasushi); Okura, R (Okura, Ryuhei); Ishida, M (Ishida, Makoto); Higashi, T (Higashi, Taishi); Motoyama, K (Motoyama, Keiichi); Arima, H (Arima, Hidetoshi)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 549 **Issue:** 1-2 **Pages:** 456-465 **DOI:** 10.1016/j.ijpharm.2018.08.018 **Published:** OCT 5 2018

Accession Number: WOS:000443255300044

PubMed ID: 30110620

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mori, Yoshimasa		0000-0002-8384-4617

ISSN: 0378-5173
eISSN: 1873-3476

Record 7 of 28

Title: Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update

Author(s): Lorson, T (Lorson, Thomas); Lubtow, MM (Lubtow, Michael M.); Wegener, E (Wegener, Erik); Haider, MS (Haider, Malik S.); Borova, S (Borova, Solomiia); Nahm, D (Nahm, Daniel); Jordan, R (Jordan, Rainer); Sokolski-Papkov, M (Sokolski-Papkov, Marina); Kabanov, AV (Kabanov, Alexander V.); Luxenhofer, R (Luxenhofer, Robert)

Source: BIOMATERIALS **Volume:** 178 **Pages:** 204-280 **DOI:** 10.1016/j.biomaterials.2018.05.022 **Published:** SEP 2018

Accession Number: WOS:000440959000018

PubMed ID: 29945064

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Luxenhofer, Robert	C-2825-2008	0000-0001-5567-7404
Kabanov, Alexander N	3356-2013	0000-0002-3665-946X

ISSN: 0142-9612

eISSN: 1878-5905

Record 8 of 28

Title: Efficient Strategy for Determining the Atomic-Resolution Structure of Micro- and Nanocrystalline Solids within Polymeric Microbeads: Domain-Edited NMR Crystallography

Author(s): Brus, J (Brus, Jiri); Czernek, J (Czernek, Jiri); Hruby, M (Hruby, Martin); Svec, P (Svec, Pavel); Kobera, L (Kobera, Libor); Abbrent, S (Abbreht, Sabina); Urbanova, M (Urbanova, Martina)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 14 **Pages:** 5364-5374 **DOI:** 10.1021/acs.macromol.8b00392 **Published:** JUL 24 2018

Accession Number: WOS:000440105200035

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Czernek, Jiri	H-6708-2014	
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
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Hruby, Martin		0000-0002-5075-261X
Abbreht, Sabina		0000-0003-4228-4059

ISSN: 0024-9297

eISSN: 1520-5835

Record 9 of 28

Title: Structural Characterization of the New Generation of Drugs and Biomaterials: Application of NMR Crystallography

Author(s): Urbanova, M (Urbanova, Martina); Czernek, J (Czernek, Jiri); Brus, J (Brus, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 522-530 **Published:** 2018

Accession Number: WOS:000441289700006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Czernek, Jiri	H-6708-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Record 10 of 28

Title: Unexpected Crystallization Patterns of Zinc Boron Imidazolate Framework ZBIF-1: NMR Crystallography of Integrated Metal-Organic Frameworks

Author(s): Kobera, L (Kobera, Libor); Rohlicek, J (Rohlicek, Jan); Czernek, J (Czernek, Jiri); Abbrent, S (Abbreht, Sabina); Streckova, M (Streckova, Magdalena); Sopcak, T (Sopcak, Tibor); Brus, J (Brus, Jiri)

Source: CHEMPHYSICHEM **Volume:** 18 **Issue:** 24 **Pages:** 3576-3582 **DOI:** 10.1002/cphc.201701063 **Published:** DEC 15 2017

Accession Number: WOS:000418422000009

PubMed ID: 29048717

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Czernek, Jiri	H-6708-2014	
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Strečkova, Magdalena	L-2410-2019	
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ISSN: 1439-4235

eISSN: 1439-7641

Record 11 of 28

Title: Exploring the Molecular-Level Architecture of the Active Compounds in Liquisolid Drug Delivery Systems Based on Mesoporous Silica Particles: Old Tricks for New Challenges

Author(s): Brus, J (Brus, Jiri); Albrecht, W (Albrecht, Wolfgang); Lehmann, F (Lehmann, Frank); Geier, J (Geier, Jens); Czernek, J (Czernek, Jiri); Urbanova, M (Urbanova, Martina); Kobera, L (Kobera, Libor); Jegorov, A (Jegorov, Alexand)

Source: MOLECULAR PHARMACEUTICS **Volume:** 14 **Issue:** 6 **Pages:** 2070-2078 **DOI:** 10.1021/acs.molpharmaceut.7b00167 **Published:** JUN 2017

Accession Number: WOS:000402950500022

PubMed ID: 28485970

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Kobera, Libor	G-5237-2014	0000-0002-8826-948X
Czernek, Jiri	H-6708-2014	

ISSN: 1543-8384

Record 12 of 28

Title: Rapid Assessment of the Physical Stability of Amorphous Solid Dispersions

Author(s): Mistry, P (Mistry, Ping); Amponsah-Efah, KK (Amponsah-Efah, Kweku K.); Suryanarayanan, R (Suryanarayanan, Raj)

Source: CRYSTAL GROWTH & DESIGN **Volume:** 17 **Issue:** 5 **Pages:** 2478-2485 **DOI:** 10.1021/acs.cgd.6b01901 **Published:** MAY 2017

Accession Number: WOS:000400802500021

ISSN: 1528-7483

eISSN: 1528-7505

Record 13 of 28

Title: Synergetic Role of Hypromellose and Methacrylic Acid Copolymer in the Dissolution Improvement of Amorphous Solid Dispersions

Author(s): Ohyagi, N (Ohyagi, Naoko); Ueda, K (Ueda, Keisuke); Higashi, K (Higashi, Kenjiro); Yamamoto, K (Yamamoto, Keiji); Kawakami, K (Kawakami, Kohsaku); Moribe, K (Moribe, Kunikazu)

Source: JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 106 **Issue:** 4 **Pages:** 1042-1050 **DOI:** 10.1016/j.xphs.2016.12.005 **Published:** APR 2017

Accession Number: WOS:000400399500014

PubMed ID: 27988162

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Kawakami, Kohsaku		0000-0002-3466-9365

ISSN: 0022-3549

eISSN: 1520-6017

Record 14 of 28

Title: Stable amorphous binary systems of glipizide and atorvastatin powders with enhanced dissolution profiles: formulation and characterization

Author(s): Singh, RSK (Singh, Renuka Sachin Kumar); Gulati, M (Gulati, Monica); Narang, R (Narang, Rakesh)

Source: PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY **Volume:** 22 **Issue:** 1 **Pages:** 13-25 **DOI:** 10.3109/10837450.2015.1125921 **Published:** FEB 2017

Accession Number: WOS:000394644600003

PubMed ID: 26708555

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
SINGH, SACHIN KUMAR	I-1948-2019	

ISSN: 1083-7450

Record 15 of 28

Title: Synthesis and Characterization of New 3-(4-Arylpiperazin-1-yl)-2-hydroxypropyl 4-Propoxybenzoates and Their Hydrochloride Salts

Author(s): Marvanova, P (Marvanova, Pavlina); Padrtova, T (Padrtova, Tereza); Pekarek, T (Pekarek, Tomas); Brus, J (Brus, Jiri); Czernek, J (Czernek, Jiri); Mokry, P (Mokry, Petr); Humpa, O (Humpa, Otakar); Oravec, M (Oravec, Michal); Jampilek, J (Jampilek, Josef)

Source: MOLECULES **Volume:** 21 **Issue:** 6 **DOI:** 10.3390/molecules21060707 **Published:** JUN 2016

Accession Number: WOS:000378757600033

PubMed ID: 27258242

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Marvanova, Pavlina		0000-0001-5390-8096

ISSN: 1420-3049

Record 16 of 28

Title: Molecular-Level Control of Ciclopirox Olamine Release from Poly(ethylene oxide)-Based Mucoadhesive Buccal Films: Exploration of Structure Property Relationships with Solid-State NMR

Author(s): Urbanova, M (Urbanova, Martina); Gajdosova, M (Gajdosova, Marketa); Steinhart, M (Steinhart, Milos); Vetchy, D (Vetchy, David); Brus, J (Brus, Jiri)

Source: MOLECULAR PHARMACEUTICS **Volume:** 13 **Issue:** 5 **Pages:** 1551-1563 **DOI:** 10.1021/acs.molpharmaceut.6b00035 **Published:** MAY 2016

Accession Number: WOS:000375519600012

PubMed ID: 27019088

Author Identifiers:

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Steinhart, Milos	H-6968-2014	
Brus, Jiri	G-3459-2014	0000-0003-2692-612X

ISSN: 1543-8384

Record 17 of 28

Title: Effect of manufacturing temperature and molecular weights on compression, mechanical and dissolution properties of PEO matrix tablets

Author(s): Casettari, L (Casettari, L.); Bonacucina, G (Bonacucina, G.); Cespi, M (Cespi, M.); Perinelli, DR (Perinelli, D. R.); Micheli, M (Micheli, M.); Cacciatore, I (Cacciatore, I.); Di Stefano, A (Di Stefano, A.); Palmieri, GF (Palmieri, G. F.)

Source: JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY **Volume:** 32 **Pages:** 236-240 **DOI:** 10.1016/j.jddst.2015.05.005 **Part:** B **Published:** APR 2016

Accession Number: WOS:000374366000015

Author Identifiers:

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ISSN: 1773-2247

Record 18 of 28

Title: Investigation of a suitable in vitro dissolution test for itraconazole-based solid dispersions

Author(s): Thiry, J (Thiry, Justine); Broze, G (Broze, Guy); Pestieau, A (Pestieau, Aude); Tatton, AS (Tatton, Andrew S.); Baumans, F (Baumans, France); Damblon, C (Damblon, Christian); Krier, F (Krier, Fabrice); Evrard, B (Evrard, Brigitte)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 85 **Pages:** 94-105 **DOI:** 10.1016/j.ejps.2016.02.002 **Published:** MAR 31 2016

Accession Number: WOS:000371996000011

PubMed ID: 26850682

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Thiry, Justine 0000-0002-4600-3974
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ISSN: 0928-0987
eISSN: 1879-0720

Record 19 of 28

Title: A comparative study on the effects of amphiphilic and hydrophilic polymers on the release profiles of a poorly water-soluble drug

Author(s): Irwan, AW (Irwan, Anastasia W.); Berania, JE (Berania, Jacqueline E.); Liu, XM (Liu, Xueming)

Source: PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY **Volume:** 21 **Issue:** 2 **Pages:** 231-238 **DOI:** 10.3109/10837450.2014.991877 **Published:** FEB 17 2016

Accession Number: WOS:000368680100013

PubMed ID: 25496001

ISSN: 1083-7450

eISSN: 1097-9867

Record 20 of 28

Title: Biodegradable system for drug delivery of hydrolytically labile azanucleoside drugs

Author(s): Hruby, M (Hruby, Martin); Agrawal, K (Agrawal, Khushboo); Policianova, O (Policianova, Olivia); Brus, J (Brus, Jiri); Skopal, J (Skopal, Jan); Svec, P (Svec, Pavel); Otmar, M (Otmar, Miroslav); Dzubak, P (Dzubak, Petr); Stepanek, P (Stepanek, Petr); Hajduch, M (Hajduch, Marian)

Source: BIOMEDICAL PAPERS-OLOMOUC **Volume:** 160 **Issue:** 2 **Pages:** 222-230 **DOI:** 10.5507/bp.2016.013 **Published:** 2016

Accession Number: WOS:000379360500007

PubMed ID: 27003313

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Otmar, Miroslav	O-9556-2016	0000-0002-2532-1332
Kukackova, Olivia	G-5692-2014	
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Hruby, Martin	H-6479-2014	

ISSN: 1213-8118

eISSN: 1804-7521

Record 21 of 28

Title: Poly(2-oxazoline)s and click chemistry: A versatile toolbox toward multi-functional polymers

Author(s): Lava, K (Lava, Kathleen); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 98-111 **DOI:** 10.1016/j.eurpolymj.2015.01.014 **Published:** APR 2015

Accession Number: WOS:000353076900008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 0014-3057

eISSN: 1873-1945

Record 22 of 28

Title: Anomalous Role Change of Tertiary Amino and Ester Groups as Hydrogen Acceptors in Eudragit E Based Solid Dispersion Depending on the Concentration of Naproxen

Author(s): Ueda, H (Ueda, Hiroshi); Wakabayashi, S (Wakabayashi, Shinobu); Kikuchi, J (Kikuchi, Junko); Ida, Y (Ida, Yasuo); Kadota, K (Kadota, Kazunori); Tozuka, Y (Tozuka, Yuichi)

Source: MOLECULAR PHARMACEUTICS **Volume:** 12 **Issue:** 4 **Pages:** 1050-1061 **DOI:** 10.1021/mp5005417 **Published:** APR 2015

Accession Number: WOS:000352518400005

PubMed ID: 25654583

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Tozuka, Yuichi		0000-0002-4091-4451
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ISSN: 1543-8384

Record 23 of 28

Title: Structural insight into the physical stability of amorphous Simvastatin dispersed in pHPMA: Enhanced dynamics and local clustering as evidenced by solid-state NMR and Raman spectroscopy

Author(s): Urbanova, M (Urbanova, Martina); Sturcova, A (Sturcova, Adriana); Kredatusova, J (Kredatusova, Jana); Brus, J (Brus, Jiri)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 478 **Issue:** 2 **Pages:** 464-475 **DOI:** 10.1016/j.ijpharm.2014.12.007 **Published:** JAN 30 2015

Accession Number: WOS:000349723300005

PubMed ID: 25490183

Author Identifiers:

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Brus, Jiri	G-3459-2014	0000-0003-2692-612X
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ISSN: 0378-5173

eISSN: 1873-3476

Record 24 of 28

Title: On the solid-state NMR spectra of naproxen

Author(s): Czernek, J (Czernek, Jiri)

Source: CHEMICAL PHYSICS LETTERS **Volume:** 619 **Pages:** 230-235 **DOI:** 10.1016/j.cplett.2014.11.031 **Published:** JAN 5 2015

Accession Number: WOS:000347104600045

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Czernek, Jiri	H-6708-2014	

ISSN: 0009-2614

eISSN: 1873-4448

Record 25 of 28

Title: Poloxamer-based curcumin solid dispersions for ex tempore preparation of supersaturated solutions intended for antimicrobial photodynamic therapy

Author(s): Vukicevic, M (Vukicevic, Milica); Hegge, AB (Hegge, Anne Bee); Vulic, P (Vulic, Predrag); Tonnesen, HH (Tonnesen, Hanne Hjorth)

Source: PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY **Volume:** 20 **Issue:** 7 **Pages:** 863-871 **DOI:** 10.3109/10837450.2014.930489 **Published:** 2015

Accession Number: WOS:000361337500012

PubMed ID: 24946137

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vulic, Predrag	B-3884-2008	0000-0002-4806-4551

ISSN: 1083-7450

eISSN: 1097-9867

Record 26 of 28

Title: In vitro dissolution study of acetylsalicylic acid solid dispersions. Tunable drug release allowed by the choice of polymer matrix

Author(s): Policianova, O (Policianova, Olivia); Brus, J (Brus, Jiri); Hruby, M (Hruby, Martin); Urbanova, M (Urbanova, Martina)

Source: PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY **Volume:** 20 **Issue:** 8 **Pages:** 935-940 **DOI:** 10.3109/10837450.2014.943407 **Published:** 2015

Accession Number: WOS:000361338300005

PubMed ID: 25047056

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Kuckackova, Olivia	G-5692-2014	
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Urbanova, Martina	G-9793-2014	0000-0003-1316-6395

ISSN: 1083-7450

eISSN: 1097-9867

Record 27 of 28

Title: Ligand Characterization of Covalently Functionalized Mesoporous Silica Nanoparticles: An NMR Toolbox Approach

Author(s): Lehman, SE (Lehman, Sean E.); Tataurova, Y (Tataurova, Yulia); Mueller, PS (Mueller, Paul S.); Mariappan, SVS (Mariappan, S. V. Santhana); Larsen, SC (Larsen, Sarah C.)

Source: JOURNAL OF PHYSICAL CHEMISTRY C **Volume:** 118 **Issue:** 51 **Pages:** 29943-29951 **DOI:** 10.1021/jp5099156 **Published:** DEC 25 2014

Accession Number: WOS:000347360200054

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lehman, Sean	C-5321-2014	0000-0003-3230-5522

ISSN: 1932-7447

Record 28 of 28

Title: The covariance of the differences between experimental and theoretical chemical shifts as an aid for assigning two-dimensional heteronuclear correlation solid-state NMR spectra

Author(s): Czernek, J (Czernek, Jiri); Brus, J (Brus, Jiri)

Source: CHEMICAL PHYSICS LETTERS **Volume:** 608 **Pages:** 334-339 **DOI:** 10.1016/j.cplett.2014.05.099 **Published:** JUL 21 2014

Accession Number: WOS:000340202600060

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Czernek, Jiri	H-6708-2014	

ISSN: 0009-2614
eISSN: 1873-4448

Publication No 16 of 132

Title: Polymer conjugates of acridine-type anticancer drugs with pH-controlled activation

Author(s): Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Studenovsky, M (Studenovsky, Martin); Vetvicka, D (Vetvicka, David); Svoboda, J (Svoboda, Jan); Kankova, D (Kankova, Dana); Kovar, J (Kovar, Jan); Ulbrich, K (Ulbrich, Karel)

Source: BIOORGANIC & MEDICINAL CHEMISTRY **Volume:** 20 **Issue:** 13 **Pages:** 4056-4063 **DOI:** 10.1016/j.bmc.2012.05.007 **Published:** JUL 1 2012

Accession Number: WOS:000305279700012

PubMed ID: 22658535

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Svoboda, Jan	C-5142-2009	
Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Studenovsky, Martin	H-4627-2014	
Ulbrich, Karel	G-5145-2014	
Kovar, Jan		0000-0002-3352-8210

ISSN: 0968-0896

Record 1 of 28

Title: pH-Responsive Polymer Nanoparticles for Drug Delivery

Author(s): Deirram, N (Deirram, Nayeleh); Zhang, CH (Zhang, Changhe); Kermaniyan, SS (Kermaniyan, Sarah S.); Johnston, APR (Johnston, Angus P. R.); Such, GK (Such, Georgina K.)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 40 **Issue:** 10 **Special Issue:** SI **Article Number:** 1800917 **DOI:** 10.1002/marc.201800917 **Published:** MAY 2019

Accession Number: WOS:000468809400012

PubMed ID: 30835923

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Zhang, Changhe 0000-0002-9774-7981
Such, Georgina B-1157-2011 0000-0002-2868-5799
ISSN: 1022-1336
eISSN: 1521-3927

Record 2 of 28

Title: Macrocyclic encapsulation triggered supramolecular pK(a) shift: A fluorescence indicator for detecting octreotide in aqueous solution
Author(s): Yin, T (Yin, Ting); Zhang, S (Zhang, Sheng); Li, MX (Li, Mengxuan); Redshaw, C (Redshaw, Carl); Ni, XL (Ni, Xin-Long)
Source: SENSORS AND ACTUATORS B-CHEMICAL **Volume:** 281 **Pages:** 568-573 **DOI:** 10.1016/j.snb.2018.10.136 **Published:** FEB 15 2019
Accession Number: WOS:000455021500071
Author Identifiers:
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Redshaw, Carl C-5644-2009 0000-0002-2090-1688
ISSN: 0925-4005

Record 3 of 28

Title: 3-Nitroacridine derivatives arrest cell cycle at G0/G1 phase and induce apoptosis in human breast cancer cells may act as DNA-target anticancer agents
Author(s): Zhou, Q (Zhou, Qian); You, CQ (You, Chaoqun); Zheng, C (Zheng, Cong); Gu, YW (Gu, Yawen); Gu, HC (Gu, Hongchao); Zhang, R (Zhang, Rui); Wu, HS (Wu, Hongshuai); Sun, BW (Sun, Baiwang)
Source: LIFE SCIENCES **Volume:** 206 **Pages:** 1-9 **DOI:** 10.1016/j.lfs.2018.05.010 **Published:** AUG 1 2018
Accession Number: WOS:000434294900001
PubMed ID: 29738780
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Author **Web of Science ResearcherID** **ORCID Number**
You, Chaoqun 0000-0003-4529-077X
ISSN: 0024-3205
eISSN: 1879-0631

Record 4 of 28

Title: HPMA Copolymer-Drug Conjugates with Controlled Tumor-Specific Drug Release
Author(s): Chytil, P (Chytil, Petr); Koziolova, E (Koziolova, Eva); Etrych, T (Etrych, Tomas); Ulbrich, K (Ulbrich, Karel)
Source: MACROMOLECULAR BIOSCIENCE **Volume:** 18 **Issue:** 1 **Special Issue:** SI **Article Number:** 1700209 **DOI:** 10.1002/mabi.201700209 **Published:** JAN 2018
Accession Number: WOS:000427446200002
PubMed ID: 28805040
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Author **Web of Science ResearcherID** **ORCID Number**
Etrych, Tomas G-3420-2014 0000-0001-5908-5182
Chytil, Petr G-9853-2014
Ulbrich, Karel G-5145-2014
Koziolova, Eva N-7265-2015
ISSN: 1616-5187
eISSN: 1616-5195

Record 5 of 28

Title: Modulation in the acidity constant of acridine dye with cucurbiturils: stimuli-responsive pK(a) tuning and dye relocation into live cells
Author(s): Khurana, R (Khurana, R.); Barooah, N (Barooah, N.); Bhasikuttan, AC (Bhasikuttan, A. C.); Mohanty, J (Mohanty, J.)
Source: ORGANIC & BIOMOLECULAR CHEMISTRY **Volume:** 15 **Issue:** 39 **Pages:** 8448-8457 **DOI:** 10.1039/c7ob02135f **Published:** OCT 21 2017
Accession Number: WOS:000412827300023
PubMed ID: 28932851
ISSN: 1477-0520
eISSN: 1477-0539

Record 6 of 28

Title: Site-Specific POxylation of Interleukin-4
Author(s): Luhmann, T (Luehmann, Tessa); Schmidt, M (Schmidt, Marcel); Leiske, MN (Leiske, Meike N.); Spieler, V (Spieler, Valerie);

Majdanski, TC (Majdanski, Tobias C.); Grube, M (Grube, Mandy); Hartlieb, M (Hartlieb, Matthias); Nischang, I (Nischang, Ivo); Schubert, S (Schubert, Stephanie); Schubert, US (Schubert, Ulrich S.); Meinel, L (Meinel, Lorenz)

Source: ACS BIOMATERIALS SCIENCE & ENGINEERING **Volume:** 3 **Issue:** 3 **Pages:** 304-312 **DOI:** 10.1021/acsbiomaterials.6b00578 **Published:** MAR 2017

Accession Number: WOS:000396384900009

Author Identifiers:

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Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Leiske, Meike Nicole	S-9248-2017	0000-0002-8525-2324
Meinel, Lorenz	D-9997-2015	0000-0002-7549-7627

ISSN: 2373-9878

Record 7 of 28

Title: pH-Responsive polymers

Author(s): Kocak, G (Kocak, G.); Tuncer, C (Tuncer, C.); Butun, V (Butun, V.)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 1 **Pages:** 144-176 **DOI:** 10.1039/c6py01872f **Published:** JAN 7 2017

Accession Number: WOS:000391732800009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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BUTUN, Vural V	5171-2017	0000-0003-4542-5080

ISSN: 1759-9954

eISSN: 1759-9962

Record 8 of 28

Title: Quenching of acridine orange fluorescence by salts in aqueous solutions: Effects of aggregation and charge transfer

Author(s): Amado, AM (Amado, A. M.); Ramos, AP (Ramos, A. P.); Silva, ER (Silva, E. R.); Borissevitch, IE (Borissevitch, I. E.)

Source: JOURNAL OF LUMINESCENCE **Volume:** 178 **Pages:** 288-294 **DOI:** 10.1016/j.jlumin.2016.06.006 **Published:** OCT 2016

Accession Number: WOS:000381643300039

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Borissevitch, Iouri	D-2144-2013	
Amado, Andre	D-7095-2014	0000-0002-3759-7272
Ramos, Ana Paula N	4426-2013	0000-0001-6200-8989

ISSN: 0022-2313

eISSN: 1872-7883

Record 9 of 28

Title: pH-responsive polymer-drug conjugates: Design and progress

Author(s): Pang, X (Pang, Xin); Jiang, Y (Jiang, Yue); Xiao, QC (Xiao, Qicai); Leung, AW (Leung, Albert Wingnan); Hua, HY (Hua, Heyu); Xu, CS (Xu, Chuanshan)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 222 **Pages:** 116-129 **DOI:** 10.1016/j.jconrel.2015.12.024 **Published:** JAN 28 2016

Accession Number: WOS:000368105300002

PubMed ID: 26704934

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Chuanshan A	4527-2015	
Leung, Albert M	3695-2014	

ISSN: 0168-3659

eISSN: 1873-4995

Record 10 of 28

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panek, Jiri	H-7129-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 11 of 28

Title: C-H functionalization of azines. Anodic dehydroaromatization of 9-(hetero)aryl-9,10-dihydroacridines

Author(s): Shchepochkin, AV (Shchepochkin, A. V.); Chupakhin, ON (Chupakhin, O. N.); Charushin, VN (Charushin, V. N.); Steglenko, DV (Steglenko, D. V.); Minkin, VI (Minkin, V. I.); Rusinov, GL (Rusinov, G. L.); Maternb, AI (Maternb, A. I.)

Source: RSC ADVANCES **Volume:** 6 **Issue:** 81 **Pages:** 77834-77840 **DOI:** 10.1039/c6ra17783b **Published:** 2016

Accession Number: WOS:000382482200079

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Chupakhin, Oleg	M-7633-2019	0000-0002-1672-2476
Rusinov, Gennady	V-1109-2019	
Shchepochkin, Alexandr		0000-0001-7998-8311

ISSN: 2046-2069

Record 12 of 28

Title: Synthesis of acridine cyclic imide hybrid molecules and their evaluation for anticancer activity

Author(s): Kumar, A (Kumar, Anuj); Kumar, N (Kumar, Nikhil); Roy, P (Roy, Partha); Sondhi, SM (Sondhi, S. M.); Sharma, A (Sharma, Anuj)

Source: MEDICINAL CHEMISTRY RESEARCH **Volume:** 24 **Issue:** 8 **Pages:** 3272-3282 **DOI:** 10.1007/s00044-015-1380-2 **Published:** AUG 2015

Accession Number: WOS:000358210400013

ISSN: 1054-2523

eISSN: 1554-8120

Record 13 of 28

Title: Molecular-Recognition-Assisted pK(a) Shifts and Metal-Ion-Induced Fluorescence Regeneration in p-Sulfonatocalix[6]arene-Encapsulated Acridine

Author(s): Jadhav, A (Jadhav, Ankita); Kalyani, VS (Kalyani, Vrashali S.); Barooah, N (Barooah, Nilotpal); Malkhede, DD (Malkhede, Dipalee D.); Mohanty, J (Mohanty, Jyotirmayee)

Source: CHEMPHYSICHEM **Volume:** 16 **Issue:** 2 **Pages:** 420-427 **DOI:** 10.1002/cphc.201402591 **Published:** FEB 2 2015

Accession Number: WOS:000348510700019

PubMed ID: 25404418

ISSN: 1439-4235

eISSN: 1439-7641

Record 14 of 28

Title: Multi-Responsive Polymer Micelles as Ellipticine Delivery Carriers for Cancer Therapy

Author(s): Studenovsky, M (Studenovsky, Martin); Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Ulbrich, K (Ulbrich, Karel)

Source: ANTICANCER RESEARCH **Volume:** 35 **Issue:** 2 **Pages:** 753-757 **Published:** FEB 2015

Accession Number: WOS:000349598600018

PubMed ID: 25667454

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Studenovsky, Martin	H-4627-2014	
Ulbrich, Karel	G-5145-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0250-7005

eISSN: 1791-7530

Record 15 of 28

Title: Efficient Transfer of Chelating Amides into Different Types of Esters and Lactones

Author(s): Jakob, U (Jakob, Uwe); Munding, S (Munding, Stephan); Bannwarth, W (Bannwarth, Willi)

Source: EUROPEAN JOURNAL OF ORGANIC CHEMISTRY **Issue:** 31 **Pages:** 6963-6974 **DOI:** 10.1002/ejoc.201402843 **Published:** NOV 2014

Accession Number: WOS:000344328900019

ISSN: 1434-193X

eISSN: 1099-0690

Record 16 of 28

Title: Detailed Scenario of the Acid-Base Behavior of Prototropic Molecules in the Subdomain-IIA Pocket of Serum Albumin: Results and Prospects in Drug Delivery

Author(s): Datta, S (Datta, Shubhashis); Panja, S (Panja, Sudipta); Halder, M (Halder, Mintu)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 118 **Issue:** 42 **Pages:** 12153-12167 **DOI:** 10.1021/jp5076466 **Published:** OCT 23 2014

Accession Number: WOS:000343740600009

PubMed ID: 25243734

ISSN: 1520-6106

Record 17 of 28

Title: Multistage-targeted pH-responsive polymer conjugate of Auger electron emitter: Optimized design and in vivo activity

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Mattova, J (Mattova, Jana); Parizek, M (Parizek, Martin); Studenovsky, M (Studenovsky, Martin); Zadinova, M (Zadinova, Marie); Pouckova, P (Pouckova, Pavia); Hruby, M (Hruby, Martin)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 63 **Pages:** 216-225 **DOI:** 10.1016/j.ejps.2014.07.012 **Published:** OCT 15 2014

Accession Number: WOS:000343388300026

PubMed ID: 25110352

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Studenovsky, Martin	H-4627-2014	
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Parizek, Martin	G-3114-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045

ISSN: 0928-0987

eISSN: 1879-0720

Record 18 of 28

Title: Novel 3,6-bis(imidazolidine)acridines as effective photosensitizers for photodynamic therapy

Author(s): Cizekova, L (Cizekova, L.); Grolmusova, A (Grolmusova, A.); Ipothova, Z (Ipothova, Z.); Barbierikova, Z (Barbierikova, Z.); Brezova, V (Brezova, V.); Hunakova, L (Hunakova, L.); Imrich, J (Imrich, J.); Janovec, L (Janovec, L.); Dvinova, I (Dvinova, I.); Paulikova, H (Paulikova, H.)

Source: BIOORGANIC & MEDICINAL CHEMISTRY **Volume:** 22 **Issue:** 17 **Pages:** 4684-4693 **DOI:** 10.1016/j.bmc.2014.07.013 **Published:** SEP 1 2014

Accession Number: WOS:000341293300018

PubMed ID: 25096820

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Dvinova, Ima	F-2449-2018	
DOVINOVA, IMA		0000-0001-9840-1950

ISSN: 0968-0896

eISSN: 1464-3391

Record 19 of 28

Title: 9-ALKYLACRIDINE SYNTHESIS USING 2,2-DIMETHOXYPROPANE AS WATER SCAVENGER

Author(s): Bratulescu, G (Bratulescu, George)

Source: HETEROCYCLES **Volume:** 89 **Issue:** 8 **Pages:** 1877-1884 **DOI:** 10.3987/COM-14-13007 **Published:** AUG 1 2014

Accession Number: WOS:000342253700006

ISSN: 0385-5414

eISSN: 1881-0942

Record 20 of 28

Title: Poly(N-(2-hydroxypropyl) methacrylamide)-based nanotherapeutics

Author(s): Tucker, BS (Tucker, Bryan S.); Sumerlin, BS (Sumerlin, Brent S.)

Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 5 **Pages:** 1566-1572 **DOI:** 10.1039/c3py01279d **Published:** MAR 7 2014

Accession Number: WOS:000331987700007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sumerlin, Brent S	C-8924-2015	0000-0001-5749-5444

ISSN: 1759-9954

eISSN: 1759-9962

Record 21 of 28

Title: Construction of DNA-polymer hybrids using intercalation interactions

Author(s): Wilks, TR (Wilks, Thomas R.); Pitto-Barry, A (Pitto-Barry, Anais); Kirby, N (Kirby, Nigel); Stulz, E (Stulz, Eugen); O'Reilly, RK (O'Reilly, Rachel K.)

Source: CHEMICAL COMMUNICATIONS **Volume:** 50 **Issue:** 11 **Pages:** 1338-1340 **DOI:** 10.1039/c3cc48726a **Published:** 2014

Accession Number: WOS:000329469800016

PubMed ID: 24346828

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Stulz, Eugen	B-6843-2009	0000-0002-5302-2276
Pitto-Barry, Anais	D-6994-2013	0000-0001-5100-0922

ISSN: 1359-7345

eISSN: 1364-548X

Record 22 of 28

Title: Radiolabeling of new generation magnetic poly(HEMA-MAPA) nanoparticles with I-131 and preliminary investigation of its radiopharmaceutical potential using albino Wistar rats

Author(s): Avcibasi, U (Avcibasi, Ugur); Demiroglu, H (Demiroglu, Hasan); Ediz, M (Ediz, Melis); Akalin, HA (Akalin, Hilmi Arkut); Ozcaliskan, E (Ozcaliskan, Emir); Senay, H (Senay, Hilal); Turkcan, C (Turkcan, Ceren); Ozcan, Y (Ozcan, Yesim); Akgol, S (Akgol, Sinan); Avcibasi, N (Avcibasi, Nesibe)

Source: JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICALS **Volume:** 56 **Issue:** 14 **Pages:** 708-716 **DOI:** 10.1002/jlcr.3108 **Published:** DEC 2013

Accession Number: WOS:000328553900004

PubMed ID: 24339009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Senay, Hilal	D-1351-2016	0000-0002-7988-0308
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AKGOL, Sinan		0000-0003-2836-7181

ISSN: 0362-4803

eISSN: 1099-1344

Record 23 of 28

Title: Fine tuning of the pH-dependent drug release rate from polyHPMA-ellipticinium conjugates

Author(s): Sedlacek, O (Sedlacek, Ondrej); Studenovsky, M (Studenovsky, Martin); Vetvicka, D (Vetvicka, David); Ulbrich, K (Ulbrich, Karel); Hruby, M (Hruby, Martin)

Source: BIOORGANIC & MEDICINAL CHEMISTRY **Volume:** 21 **Issue:** 18 **Pages:** 5669-5672 **DOI:** 10.1016/j.bmc.2013.07.038 **Published:** SEP 15 2013

Accession Number: WOS:000323803900002

PubMed ID: 23941688

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Studenovsky, Martin	H-4627-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0968-0896

eISSN: 1464-3391

Record 24 of 28

Title: Polymeric biomaterials with engineered degradation

Author(s): Deshayes, S (Deshayes, Stephanie); Kasko, AM (Kasko, Andrea M.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 51 **Issue:** 17 **Pages:** 3531-3566 **DOI:** 10.1002/pola.26765 **Published:** SEP 1 2013

Accession Number: WOS:000322010800001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Deshayes, Stephanie		0000-0002-7306-0077

ISSN: 0887-624X

eISSN: 1099-0518

Record 25 of 28

Title: Novel synthetic acridine derivatives as potent DNA-binding and apoptosis-inducing antitumor agents

Author(s): Lang, XL (Lang, Xuliang); Li, LL (Li, Lulu); Chen, YZ (Chen, Yuzong); Sun, QS (Sun, Qinsheng); Wu, Q (Wu, Qin); Liu, F (Liu, Feng); Tan, CY (Tan, Chunyan); Liu, HX (Liu, Hongxia); Gao, CM (Gao, Chunmei); Jiang, YY (Jiang, Yuyang)

Source: BIOORGANIC & MEDICINAL CHEMISTRY **Volume:** 21 **Issue:** 14 **Pages:** 4170-4177 **DOI:** 10.1016/j.bmc.2013.05.008 **Published:** JUL 15 2013

Accession Number: WOS:000320838200022

PubMed ID: 23735826

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tan, Chunyan	F-2785-2012	0000-0002-4263-2175

ISSN: 0968-0896

eISSN: 1464-3391

Record 26 of 28

Title: Supramolecular host-guest interaction of acridine dye with cyclodextrin macrocycles: Photophysical, pK(a) shift and quenching study

Author(s): Shaikh, M (Shaikh, Mhejabeen); Swamy, YM (Swamy, Yanamadala Manikanta); Pal, H (Pal, Haridas)

Source: JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY **Volume:** 258 **Pages:** 41-50 **DOI:** 10.1016/j.jphotochem.2013.02.017 **Published:** APR 15 2013

Accession Number: WOS:000317799700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pal, Haridas		0000-0002-9295-0198

ISSN: 1010-6030

Record 27 of 28

Title: Stable sigma(H)-adducts in the reactions of the acridinium cation with heterocyclic N-nucleophiles

Author(s): Shchepochkin, AV (Shchepochkin, A. V.); Chupakhin, ON (Chupakhin, O. N.); Charushin, VN (Charushin, V. N.); Rusinov, GL (Rusinov, G. L.); Subbotina, YO (Subbotina, Yu. O.); Slepukhin, PA (Slepukhin, P. A.); Budnikova, YG (Budnikova, Yu. G.)

Source: RUSSIAN CHEMICAL BULLETIN **Volume:** 62 **Issue:** 3 **Pages:** 773-779 **DOI:** 10.1007/s11172-013-0105-2 **Published:** MAR 2013

Accession Number: WOS:000329373400024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Budnikova, Yulia	A-9843-2011	0000-0001-9497-4006
Rusinov, Gennady	V-1109-2019	
Chupakhin, Oleg	M-7633-2019	0000-0002-1672-2476
Shchepochkin, Alexandr		0000-0001-7998-8311

ISSN: 1066-5285

eISSN: 1573-9171

Record 28 of 28

Title: Acid-degradable polymers for drug delivery: a decade of innovation

Author(s): Binauld, S (Binauld, Sandra); Stenzel, MH (Stenzel, Martina H.)

Source: CHEMICAL COMMUNICATIONS **Volume:** 49 **Issue:** 21 **Pages:** 2082-2102 **DOI:** 10.1039/c2cc36589h **Published:** 2013

Accession Number: WOS:000314893200001

PubMed ID: 23320254

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stenzel, Martina	B-8586-2008	0000-0002-6433-4419

ISSN: 1359-7345

Publication No 17 of 132

Title: Hydroxybisphosphonate-containing polymeric drug-delivery systems designed for targeting into bone tissue

Author(s): Hruby, M (Hruby, Martin); Etrych, T (Etrych, Tomas); Kucka, J (Kucka, Jan); Forsterova, M (Forsterova, Michaela); Ulbrich, K (Ulbrich, Karel)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 101 **Issue:** 5 **Pages:** 3192-3201 **DOI:** 10.1002/app.23446 **Published:** SEP 5 2006

Accession Number: WOS:000239128200059

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ulbrich, Karel	G-5145-2014	
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182

ISSN: 0021-8995

Record 1 of 28

Title: Design and Biological Evaluation of Delivery Systems Containing Bisphosphonates

Author(s): Aderibigbe, B (Aderibigbe, Blessing); Aderibigbe, I (Aderibigbe, Isiaka); Popoola, P (Popoola, Patricia)

Source: PHARMACEUTICS **Volume:** 9 **Issue:** 1 **Article Number:** UNSP 2 **DOI:** 10.3390/pharmaceutics9010002 **Published:** MAR 2017

Accession Number: WOS:000418790600002

PubMed ID: 28035945

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Aderibigbe, Blessing		0000-0003-1157-7481
POPOOLA, PATRICIA		0000-0003-4447-8551

ISSN: 1999-4923

Record 2 of 28

Title: Novel functionalization strategies to improve drug delivery from polymers

Author(s): Mauri, E (Mauri, Emanuele); Papa, S (Papa, Simonetta); Masi, M (Masi, Maurizio); Veglianesi, P (Veglianesi, Pietro); Rossi, F (Rossi, Filippo)

Source: EXPERT OPINION ON DRUG DELIVERY **Volume:** 14 **Issue:** 11 **Pages:** 1305-1313 **DOI:** 10.1080/17425247.2017.1285280 **Published:** 2017

Accession Number: WOS:000413985300006

PubMed ID: 28103740

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Mauri, Emanuele	B-7674-2018	0000-0002-6203-8405
masi, maurizio	C-2380-2011	
Mauri, Emanuele	P-9829-2019	0000-0002-6203-8405

ISSN: 1742-5247
eISSN: 1744-7593

Record 3 of 28

Title: Nano Chemotherapeutics in Bone Metastasis and Targeting

Author(s): Kilicarslan, M (Kilicarslan, Muge); Gorgoz, M (Gorgoz, Miray)

Source: TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 13 **Issue:** 3 **Pages:** 351-357 **DOI:** 10.4274/tjps.2016.12 **Published:** DEC 2016
Accession Number: WOS:000396697500012
ISSN: 1304-530X

Record 4 of 28

Title: Targeted Drug Delivery with Polymers and Magnetic Nanoparticles: Covalent and Noncovalent Approaches, Release Control, and Clinical Studies

Author(s): Ulbrich, K (Ulbrich, Karel); Hola, K (Hola, Katerina); Subr, V (Subr, Vladimir); Bakandritsos, A (Bakandritsos, Aristides); Tucek, J (Tucek, Jiri); Zboril, R (Zboril, Radek)

Source: CHEMICAL REVIEWS **Volume:** 116 **Issue:** 9 **Special Issue:** SI **Pages:** 5338-5431 **DOI:** 10.1021/acs.chemrev.5b00589 **Published:** MAY 11 2016

Accession Number: WOS:000375888300013

PubMed ID: 27109701

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ulbrich, Karel	G-5145-2014	
Zboril, Radek	F-5153-2015	0000-0002-3147-2196
Zboril, Radek	K-1530-2019	
Subr, Vladimir	G-3488-2014	
Bakandritsos, Aristides		0000-0003-4411-9348
Tucek, Jiri		0000-0003-2037-4950

ISSN: 0009-2665

eISSN: 1520-6890

Record 5 of 28

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panek, Jiri	H-7129-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

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Record 6 of 28

Title: Bone-Targeted Acid-Sensitive Doxorubicin Conjugate Micelles as Potential Osteosarcoma Therapeutics

Author(s): Low, SA (Low, Stewart A.); Yang, JY (Yang, Jiyan); Kopecek, J (Kopecek, Jindrich)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 25 **Issue:** 11 **Pages:** 2012-2020 **DOI:** 10.1021/bc500392x **Published:** NOV 2014

Accession Number: WOS:000345309000012

PubMed ID: 25291150

ISSN: 1043-1802

Record 7 of 28

Title: In Vivo Imaging of Bone Using a Deep-Red Fluorescent Molecular Probe Bearing Multiple Iminodiacetate Groups

Author(s): Harmatys, KM (Harmatys, Kara M.); Cole, EL (Cole, Erin L.); Smith, BD (Smith, Bradley D.)

Source: MOLECULAR PHARMACEUTICS **Volume:** 10 **Issue:** 11 **Pages:** 4263-4271 **DOI:** 10.1021/mp400357v **Published:** NOV 2013

Accession Number: WOS:000326669400031

PubMed ID: 24099089

ISSN: 1543-8384

eISSN: 1543-8392

Record 8 of 28

Title: Efficiency of high molecular weight backbone degradable HPMA copolymer-Prostaglandin E-1 conjugate in promotion of bone formation in ovariectomized rats

Author(s): Pan, HZ (Pan, Huaizhong); Sima, M (Sima, Monika); Miller, SC (Miller, Scott C.); Kopeckova, P (Kopeckova, Pavla); Yang, JY (Yang, Jiyuan); Kopecek, J (Kopecek, Jindrich)

Source: BIOMATERIALS **Volume:** 34 **Issue:** 27 **Pages:** 6528-6538 **DOI:** 10.1016/j.biomaterials.2013.05.003 **Published:** SEP 2013

Accession Number: WOS:000321421000022

PubMed ID: 23731780

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Miller, Scott		0000-0002-2127-1243

ISSN: 0142-9612

eISSN: 1878-5905

Record 9 of 28

Title: Radiopharmaceuticals for Bone Metastasis Therapy and Beyond: A Voyage from the Past to the Present and a Look to the Future

Author(s): Ferreira, S (Ferreira, Sara); Dormehl, I (Dormehl, Irene); Botelho, MF (Botelho, Maria Filomena)

Source: CANCER BIOTHERAPY AND RADIOPHARMACEUTICALS **Volume:** 27 **Issue:** 9 **Pages:** 535-551 **DOI:** 10.1089/cbr.2012.1258 **Published:** NOV 2012

Accession Number: WOS:000310576000003

PubMed ID: 23075374

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Botelho, Maria Filomena	G-1860-2011	0000-0001-7202-1650

ISSN: 1084-9785

eISSN: 1557-8852

Record 10 of 28

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

eISSN: 1521-3927

Record 11 of 28

Title: Targeting polymer therapeutics to bone

Author(s): Low, SA (Low, Stewart A.); Kopecek, J (Kopecek, Jindrich)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 64 **Issue:** 12 **Pages:** 1189-1204 **DOI:** 10.1016/j.addr.2012.01.012 **Published:** SEP 2012

Accession Number: WOS:000308626800012

PubMed ID: 22316530

ISSN: 0169-409X

eISSN: 1872-8294

Record 12 of 28

Title: Bone targeting for the treatment of osteoporosis

Author(s): Luhmann, T (Luhmann, Tessa); Germershaus, O (Germershaus, Oliver); Groll, J (Groll, Juergen); Meinel, L (Meinel, Lorenz)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 161 **Issue:** 2 **Pages:** 198-213 **DOI:** 10.1016/j.jconrel.2011.10.001 **Published:** JUL 20 2012

Accession Number: WOS:000305790300006

PubMed ID: 22016072

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Germershaus, Oliver	I-9447-2019	0000-0002-8440-2781
Meinel, Lorenz	D-9997-2015	0000-0002-7549-7627
Luhmann, Tessa	E-1209-2015	
Groll, Jurgen	F-4202-2012	0000-0003-3167-8466

ISSN: 0168-3659

eISSN: 1873-4995

Record 13 of 28

Title: Degradable, click poly(vinyl alcohol) hydrogels: characterization of degradation and cellular compatibility

Author(s): Alves, MH (Alves, M. H.); Young, CJ (Young, C. J.); Bozzetto, K (Bozzetto, K.); Poole-Warren, LA (Poole-Warren, L. A.); Martens, PJ (Martens, P. J.)

Source: BIOMEDICAL MATERIALS **Volume:** 7 **Issue:** 2 **Special Issue:** SI **Article Number:** 024106 **DOI:** 10.1088/1748-6041/7/2/024106 **Published:** APR 2012

Accession Number: WOS:000303668700007

PubMed ID: 22456869

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Martens, Penny J.	B-4274-2011	0000-0003-3098-1420
Poole-Warren, Laura		0000-0002-4414-022X

ISSN: 1748-6041

Record 14 of 28

Title: Lysosomally cleavable peptide-containing polymersomes modified with anti-EGFR antibody for systemic cancer chemotherapy

Author(s): Lee, JS (Lee, Jung S.); Groothuis, T (Groothuis, Tom); Cusan, C (Cusan, Claudia); Mink, D (Mink, Daniel); Feijen, J (Feijen, Jan)

Source: BIOMATERIALS **Volume:** 32 **Issue:** 34 **Pages:** 9144-9153 **DOI:** 10.1016/j.biomaterials.2011.08.036 **Published:** DEC 2011

Accession Number: WOS:000296113500039

PubMed ID: 21872328

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Groothuis, Tom		0000-0002-1751-4783

ISSN: 0142-9612

Record 15 of 28

Title: Novel Polymeric Nanoparticles Assembled by Metal Ion Addition

Author(s): Skodova, M (Skodova, Michaela); Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Karlsson, G (Karlsson, Goran); Mackova, H (Mackova, Hana); Spirkova, M (Spirkova, Milena); Kankova, D (Kankova, Dana); Steinhart, M (Steinhart, Milos); Stepanek, P (Stepanek, Petr); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 212 **Issue:** 21 **Pages:** 2339-2348 **DOI:** 10.1002/macp.201100431 **Published:** NOV 1 2011

Accession Number: WOS:000297411600006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Spirkova, Milena	H-4609-2014	
Steinhart, Milos	H-6968-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Mackova, Hana	G-3247-2014	
Skodova, Michaela	I-7597-2014	
Ulbrich, Karel	G-5145-2014	

ISSN: 1022-1352

Record 16 of 28

Title: Dendritic Poly(ethylene glycol) Bearing Paclitaxel and Alendronate for Targeting Bone Neoplasms

Author(s): Clementi, C (Clementi, Chiara); Miller, K (Miller, Keren); Mero, A (Mero, Anna); Satchi-Fainaro, R (Satchi-Fainaro, Ronit); Pasut, G (Pasut, Gianfranco)

Source: MOLECULAR PHARMACEUTICS **Volume:** 8 **Issue:** 4 **Special Issue:** SI **Pages:** 1063-1072 **DOI:** 10.1021/mp2001445 **Published:** JUL-AUG 2011

Accession Number: WOS:000293307400009

PubMed ID: 21608527

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Satchi-Fainaro, Ronit	F-9137-2011	0000-0002-7360-7837
Pasut, Gianfranco	M-9163-2019	0000-0002-8754-0899
Pasut, Gianfranco	I-5944-2012	0000-0002-8754-0899

ISSN: 1543-8384

Record 17 of 28

Title: Enhanced anti-tumor activity and safety profile of targeted nano-scaled HPMA copolymer-alendronate-TNP-470 conjugate in the treatment of bone malignances

Author(s): Segal, E (Segal, Ehud); Pan, HZ (Pan, Huaizhong); Benayoun, L (Benayoun, Liat); Kopeckova, P (Kopeckova, Pavla); Shaked, Y (Shaked, Yuval); Kopecek, J (Kopecek, Jindrich); Satchi-Fainaro, R (Satchi-Fainaro, Ronit)

Source: BIOMATERIALS **Volume:** 32 **Issue:** 19 **Pages:** 4450-4463 **DOI:** 10.1016/j.biomaterials.2011.02.059 **Published:** JUL 2011

Accession Number: WOS:000291171700015

PubMed ID: 21429572

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Satchi-Fainaro, Ronit	F-9137-2011	0000-0002-7360-7837

ISSN: 0142-9612

Record 18 of 28

Title: Ellipticine-Aimed Polymer-Conjugated Auger Electron Emitter: Multistage Organelle Targeting Approach

Author(s): Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Studenovsky, M (Studenovsky, Martin); Kucka, J (Kucka, Jan); Vetricka, D (Vetricka, David); Kovar, L (Kovar, Lubomir); Rihova, B (Rihova, Blanka); Ulbrich, K (Ulbrich, Karel)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 22 **Issue:** 6 **Pages:** 1194-1201 **DOI:** 10.1021/bc200064v **Published:** JUN 2011

Accession Number: WOS:000291568200024

PubMed ID: 21513348

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Rihova, Blanka	J-6314-2014	
Kucka, Jan	G-7884-2014	
Ulbrich, Karel	G-5145-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Studenovsky, Martin	H-4627-2014	
Vetricka, David	O-2384-2017	0000-0002-6098-1213

ISSN: 1043-1802

Record 19 of 28

Title: Structural and chemical aspects of HPMA copolymers as drug carriers

Author(s): Ulbrich, K (Ulbrich, Karel); Subr, V (Subr, Vladimir)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 62 **Issue:** 2 **Pages:** 150-166 **DOI:** 10.1016/j.addr.2009.10.007 **Published:** FEB 17 2010

Accession Number: WOS:000275579900003

PubMed ID: 19931329

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Subr, Vladimir	G-3488-2014	
Ulbrich, Karel	G-5145-2014	
Subr, Vladimir		0000-0002-1614-6595

ISSN: 0169-409X

eISSN: 1872-8294

Record 20 of 28

Title: Synthetic Polymer-Drug Conjugates for Human Therapy

Author(s): Ulbrich, K (Ulbrich, Karel); Subr, V (Subr, Vladimir)

Edited by: Torchilin V; Amiji MM

Source: HANDBOOK OF MATERIALS FOR NANOMEDICINE **Book Series:** Pan Stanford Series on Biomedical Nanotechnology **Volume:** 1 **Pages:** 5-79 **Published:** 2010

Accession Number: WOS:000292544400002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ulbrich, Karel	G-5145-2014	

Subr, Vladimir G-3488-2014

Subr, Vladimir

0000-0002-1614-6595

ISBN: 978-9-81426-758-8

Record 21 of 28

Title: HPMa-Anticancer Drug Conjugates

Author(s): Rihova, B (Rihova, B.); Hovorka, O (Hovorka, O.); Kovar, L (Kovar, L.); Kovar, M (Kovar, M.); Mrkvan, T (Mrkvan, T.); Sirova, M (Sirova, M.); Subr, V (Subr, V.); Ulbrich, K (Ulbrich, K.)

Edited by: Reddy LH; Couvreur P

Source: MACROMOLECULAR ANTICANCER THERAPEUTICS **Book Series:** Cancer Drug Discovery and Development **Pages:** 87-132 **DOI:** 10.1007/978-1-4419-0507-9_3 **Published:** 2010

Accession Number: WOS:000272519500003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Subr, Vladimir G-3488-2014		
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Ulbrich, Karel G-5145-2014		
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Sirova, Milada J-8132-2014		
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ISBN: 978-1-4419-0506-2

Book DOI: 10.1007/978-1-4419-0507-9

Record 22 of 28

Title: Thermoresponsive, Hydrolytically Degradable Polymer Micelles Intended for Radionuclide Delivery

Author(s): Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Filippov, SK (Filippov, Sergey K.); Vetvicka, D (Vetvicka, David); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Edwards, K (Edwards, Katarina); Rihova, B (Rihova, Blanka); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 9 **Issue:** 10 **Pages:** 1016-1027 **DOI:** 10.1002/mabi.200900083 **Published:** OCT 8 2009

Accession Number: WOS:000271174100009

PubMed ID: 19554646

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetvicka, David	O-2384-2017	0000-0002-6098-1213
Mackova, Hana	G-3247-2014	
Ulbrich, Karel	G-5145-2014	
Kucka, Jan	G-7884-2014	
Edwards, Katarina	A-1159-2012	0000-0003-0674-2219
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Rihova, Blanka	J-6314-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Konak, Cestmir	H-7177-2014	

ISSN: 1616-5187

Record 23 of 28

Title: Polymers for targeted and/or sustained drug delivery

Author(s): Jagur-Grodzinski, J (Jagur-Grodzinski, Joseph)

Source: POLYMERS FOR ADVANCED TECHNOLOGIES **Volume:** 20 **Issue:** 7 **Pages:** 595-606 **DOI:** 10.1002/pat.1304 **Published:** JUL 2009

Accession Number: WOS:000268303000001

ISSN: 1042-7147

Record 24 of 28

Title: Targeting Angiogenesis-Dependent Calcified Neoplasms Using Combined Polymer Therapeutics

Author(s): Segal, E (Segal, Ehud); Pan, HZ (Pan, Huaizhong); Ofek, P (Ofek, Paula); Udagawa, T (Udagawa, Tatro); Kopeckova, P (Kopeckova, Pavla); Kopecek, J (Kopecek, Jindrich); Satchi-Fainaro, R (Satchi-Fainaro, Ronit)

Source: PLOS ONE **Volume:** 4 **Issue:** 4 **Article Number:** e5233 **DOI:** 10.1371/journal.pone.0005233 **Published:** APR 21 2009

Accession Number: WOS:000265513800009

PubMed ID: 19381291

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Satchi-Fainaro, Ronit F-9137-2011		0000-0002-7360-7837
Ofek, Paula		0000-0002-8516-1107

ISSN: 1932-6203

Record 25 of 28

Title: Targeting Bone Metastases with a Bispecific Anticancer and Antiangiogenic Polymer-Alendronate-Taxane Conjugate

Author(s): Miller, K (Miller, Keren); Erez, R (Erez, Rotem); Segal, E (Segal, Ehud); Shabat, D (Shabat, Doron); Satchi-Fainaro, R (Satchi-Fainaro, Ronit)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 48 **Issue:** 16 **Pages:** 2949-2954 **DOI:** 10.1002/anie.200805133 **Published:** 2009

Accession Number: WOS:000265230900025

PubMed ID: 19294707

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Satchi-Fainaro, Ronit	F-9137-2011	0000-0002-7360-7837

ISSN: 1433-7851

eISSN: 1521-3773

Record 26 of 28

Title: Novel polymer vectors of Cu-64

Author(s): Kozempel, J (Kozempel, J.); Hruby, M (Hruby, M.); Novakova, M (Novakova, M.); Kucka, J (Kucka, J.); Leseticky, L (Leseticky, L.); Lebeda, O (Lebeda, O.)

Source: RADIOCHIMICA ACTA **Volume:** 97 **Issue:** 12 **Pages:** 747-752 **DOI:** 10.1524/ract.2009.1669 **Published:** 2009

Accession Number: WOS:000273180400011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kucka, Jan	G-7884-2014	
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225

ISSN: 0033-8230

Record 27 of 28

Title: Biodistribution and pharmacokinetic studies of bone-targeting N-(2-hydroxypropyl)methacrylamide copolymer-alendronate conjugates

Author(s): Pan, HZ (Pan, Huaizhong); Sima, M (Sima, Monika); Kopeckova, P (Kopeckova, Pavla); Wu, K (Wu, Kuangshi); Gao, SQ (Gao, Songqi); Liu, JH (Liu, Jihua); Wang, D (Wang, Dong); Miller, SC (Miller, Scott C.); Kopecek, J (Kopecek, Jindrich)

Source: MOLECULAR PHARMACEUTICS **Volume:** 5 **Issue:** 4 **Pages:** 548-558 **DOI:** 10.1021/mp800003u **Published:** JUL-AUG 2008

Accession Number: WOS:000258226300009

PubMed ID: 18505266

Conference Title: 7th International Symposium on Polymer Therapeutics

Conference Date: MAY 26-28, 2007

Conference Location: Ctr Invest Principe Felipe, Valencia, SPAIN

Conference Host: Ctr Invest Principe Felipe

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Miller, Scott		0000-0002-2127-1243

ISSN: 1543-8384

Record 28 of 28

Title: New bioerodable thermoresponsive polymers for possible radiotherapeutic applications

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej); Mackova, H (Mackova, Hana); Babic, M (Babic, Michal); Konak, C (Konak, Cestmir); Studenovsky, M (Studenovsky, Martin); Sikora, A (Sikora, Antonin); Kozempel, J (Kozempel, Jan); Ulbrich, K (Ulbrich, Karel)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 119 **Issue:** 1 **Pages:** 25-33 **DOI:** 10.1016/j.jconrel.2007.02.009 **Published:** MAY 14 2007

Accession Number: WOS:000246678100002

PubMed ID: 17379348

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konak, Cestmir	H-7177-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Mackova, Hana	G-3247-2014	

Sikora, Antonin	H-2046-2014	
Studenovsky, Martin	H-4627-2014	
Babic, Michal	B-7075-2013	
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Babic, Michal	H-4353-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0168-3659

Publication No 18 of 132

Title: Elicitation of Pharmacologically Active Substances in an Intact Medical Plant

Author(s): Kuzel, S (Kuzel, Stanislav); Vydra, J (Vydra, Jan); Triska, J (Triska, Jan); Vrchotova, N (Vrchotova, Nadezda); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)

Source: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY **Volume:** 57 **Issue:** 17 **Pages:** 7907-7911 **DOI:** 10.1021/jf9011246 **Published:** SEP 9 2009

Accession Number: WOS:000269376000041

PubMed ID: 19663425

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vrchotova, Nadezda	G-8425-2014	
Triska, Jan	H-3094-2014	0000-0003-3846-2158
Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240
Hruby, Martin	H-6479-2014	
Cigler, Petr	B-1142-2012	

ISSN: 0021-8561

eISSN: 1520-5118

Record 1 of 24

Title: The influence of Echinacea purpurea leaf microbiota on chicoric acid level

Author(s): Maggini, V (Maggini, Valentina); De Leo, M (De Leo, Marinella); Granchi, C (Granchi, Carlotta); Tuccinardi, T (Tuccinardi, Tiziano); Mengoni, A (Mengoni, Alessio); Gallo, ER (Gallo, Eugenia Rosaria); Biffi, S (Biffi, Sauro); Fani, R (Fani, Renato); Pistelli, L (Pistelli, Luisa); Firenzuoli, F (Firenzuoli, Fabio); Bogani, P (Bogani, Patrizia)

Source: SCIENTIFIC REPORTS **Volume:** 9 **Article Number:** 10897 **DOI:** 10.1038/s41598-019-47329-8 **Published:** JUL 26 2019

Accession Number: WOS:000477698600055

PubMed ID: 31350520

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mengoni, Alessio	G-5336-2013	0000-0002-1265-8251
Tuccinardi, Tiziano	M-1232-2015	0000-0002-6205-4069

ISSN: 2045-2322

Record 2 of 24

Title: Antioxidative and Potentially Anti-inflammatory Activity of Phenolics from Lovage Leaves *Levisticum officinale* Koch Elicited with Jasmonic Acid and Yeast Extract

Author(s): Zlotek, U (Zlotek, Urszula); Szymanowska, U (Szymanowska, Urszula); Pecio, L (Pecio, Lukasz); Kozachok, S (Kozachok, Solomiia); Jakubczyk, A (Jakubczyk, Anna)

Source: MOLECULES **Volume:** 24 **Issue:** 7 **Article Number:** 1441 **DOI:** 10.3390/molecules24071441 **Published:** APR 11 2019

Accession Number: WOS:000464952900003

PubMed ID: 30979087

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zlotek, Urszula		0000-0001-6812-5596
Jakubczyk, Anna		0000-0002-1087-2000

ISSN: 1420-3049

Record 3 of 24

Title: Effects of Irrigation Regime and Foliar Application of Salicylic Acid and Spermine on the Contents of Essential Oil and Caffeic Acid Derivatives in *Echinacea purpurea* L.

Author(s): Darvizheh, H (Darvizheh, Hakimeh); Zahedi, M (Zahedi, Morteza); Abaszadeh, B (Abaszadeh, Bohloul); Razmjoo, J (Razmjoo, Jamshid)

Source: JOURNAL OF PLANT GROWTH REGULATION **Volume:** 37 **Issue:** 4 **Pages:** 1267-1285 **DOI:** 10.1007/s00344-018-9874-z **Published:** DEC 2018

Accession Number: WOS:000451974000021

ISSN: 0721-7595

eISSN: 1435-8107

Record 4 of 24

Title: Echinacea biotechnology: advances, commercialization and future considerations

Author(s): Parsons, JL (Parsons, Jessica L.); Cameron, SI (Cameron, Stewart I.); Harris, CS (Harris, Cory S.); Smith, ML (Smith, Myron L.)

Source: PHARMACEUTICAL BIOLOGY **Volume:** 56 **Issue:** 1 **Pages:** 485-494 **DOI:** 10.1080/13880209.2018.1501583 **Published:** OCT 10 2018

Accession Number: WOS:000446975200001

PubMed ID: 30303034

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Smith, Myron		0000-0001-6274-0053

ISSN: 1388-0209

eISSN: 1744-5116

Record 5 of 24

Title: Solid-liquid and high-pressure (liquid and supercritical carbon dioxide) extraction of *Echinacea purpurea* L.

Author(s): Lepojevic, I (Lepojevic, Ivana); Lepojevic, Z (Lepojevic, Zika); Pavlic, B (Pavlic, Branimir); Ristic, M (Ristic, Mihailo); Zekovic, Z (Zekovic, Zoran); Vidovic, S (Vidovic, Senka)

Source: JOURNAL OF SUPERCRITICAL FLUIDS **Volume:** 119 **Pages:** 159-168 **DOI:** 10.1016/j.supflu.2016.09.002 **Published:** JAN 2017

Accession Number: WOS:000388053300019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vidovic, Senka		0000-0001-6936-3289

ISSN: 0896-8446

eISSN: 1872-8162

Record 6 of 24

Title: Tremendous enhancements of isoflavonoid biosynthesis, associated gene expression and antioxidant capacity in *Astragalus membranaceus* hairy root cultures elicited by methyl jasmonate

Author(s): Gai, QY (Gai, Qing-Yan); Jiao, J (Jiao, Jiao); Luo, M (Luo, Meng); Wang, W (Wang, Wei); Gu, CB (Gu, Cheng-Bo); Fu, YJ (Fu, Yu-Jie); Ma, W (Ma, Wei)

Source: PROCESS BIOCHEMISTRY **Volume:** 51 **Issue:** 5 **Pages:** 642-649 **DOI:** 10.1016/j.procbio.2016.01.012 **Published:** MAY 2016

Accession Number: WOS:000375338400011

ISSN: 1359-5113

eISSN: 1873-3298

Record 7 of 24

Title: Enhanced astragaloside production and transcriptional responses of biosynthetic genes in *Astragalus membranaceus* hairy root cultures by elicitation with methyl jasmonate

Author(s): Jiao, J (Jiao, Jiao); Gai, QY (Gai, Qing-Yan); Wang, W (Wang, Wei); Lou, M (Lou, Meng); Zu, YG (Zu, Yuan-Gang); Fu, YJ (Fu, Yu-Jie); Ma, W (Ma, Wei)

Source: BIOCHEMICAL ENGINEERING JOURNAL **Volume:** 105 **Pages:** 339-346 **DOI:** 10.1016/j.bej.2015.10.010 **Part:** B **Published:** JAN 15 2016

Accession Number: WOS:000367776500003

ISSN: 1369-703X

eISSN: 1873-295X

Record 8 of 24

Title: Betalains and expression of antioxidant enzymes during development and abiotic stress in *Rivina humilis* L. berries
Author(s): Khan, MI (Khan, Mohammad Imtiyaj); Kumar, A (Kumar, Avinash); Giridhar, P (Giridhar, Parvatam)
Source: TURKISH JOURNAL OF BOTANY **Volume:** 40 **Issue:** 1 **Pages:** 28-36 **DOI:** 10.3906/bot-1405-32 **Published:** 2016
Accession Number: WOS:000366414500003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Khan, Mohammad Imtiyaj		0000-0002-5607-926X
Kumar, Avinash		0000-0001-5660-0337

ISSN: 1300-008X
eISSN: 1303-6106

Record 9 of 24

Title: Moderate drought and signal transducer induced biosynthesis of relevant secondary metabolites in thyme (*Thymus vulgaris*), greater celandine (*Chelidonium majus*) and parsley (*Petroselinum crispum*)
Author(s): Kleinwachter, M (Kleinwachter, Maik); Paulsen, J (Paulsen, Jana); Bloem, E (Bloem, Elke); Schnug, E (Schnug, Ewald); Selmar, D (Selmar, Dirk)
Source: INDUSTRIAL CROPS AND PRODUCTS **Volume:** 64 **Pages:** 158-166 **DOI:** 10.1016/j.indcrop.2014.10.062 **Published:** FEB 2015
Accession Number: WOS:000348746700019
ISSN: 0926-6690
eISSN: 1872-633X

Record 10 of 24

Title: New insights explain that drought stress enhances the quality of spice and medicinal plants: potential applications
Author(s): Kleinwachter, M (Kleinwachter, Maik); Selmar, D (Selmar, Dirk)
Source: AGRONOMY FOR SUSTAINABLE DEVELOPMENT **Volume:** 35 **Issue:** 1 **Pages:** 121-131 **DOI:** 10.1007/s13593-014-0260-3 **Published:** JAN 2015
Accession Number: WOS:000348065500007
ISSN: 1774-0746
eISSN: 1773-0155

Record 11 of 24

Title: The effect of plant regulators on the concentration of carotenoids and phenolic compounds in foliage of coriander
Author(s): Divya, P (Divya, Peethambaran); Puthusseri, B (Puthusseri, Bijesh); Neelwarne, B (Neelwarne, Bhagyalakshmi)
Source: LWT-FOOD SCIENCE AND TECHNOLOGY **Volume:** 56 **Issue:** 1 **Pages:** 101-110 **DOI:** 10.1016/j.lwt.2013.11.012 **Published:** APR 2014
Accession Number: WOS:000330913400014
ISSN: 0023-6438
eISSN: 1096-1127

Record 12 of 24

Title: Elicitation: An Underutilized Tool in the Development of Medicinal Plants as a Source of Therapeutic Secondary Metabolites
Author(s): Gorelick, J (Gorelick, Jonathan); Bernstein, N (Bernstein, Nirit)
Edited by: Sparks DL
Source: ADVANCES IN AGRONOMY, VOL 124 **Book Series:** Advances in Agronomy **Volume:** 124 **Pages:** 201-230 **DOI:** 10.1016/B978-0-12-800138-7.00005-X **Published:** 2014
Accession Number: WOS:000332260000005
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bernstein, Nirit	M-1453-2015	

ISSN: 0065-2113
ISBN: 978-0-12-800138-7

Record 13 of 24

Title: Elucidating Phytochemical Production in *Juniperus* sp.: Seasonality and Response to Stress Situations
Author(s): Tavares, L (Tavares, Lucelia); Pimpao, R (Pimpao, Rui); McDougall, G (McDougall, Gordon); Stewart, D (Stewart, Derek); Ferreira, RB (Ferreira, Ricardo B.); Santos, CN (Santos, Claudia N.)
Source: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY **Volume:** 61 **Issue:** 17 **Pages:** 4044-4052 **DOI:** 10.1021/jf304752q **Published:** MAY 1 2013
Accession Number: WOS:000318468900007

PubMed ID: 23530986

Author Identifiers:

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Tavares, Lucelia		0000-0001-8438-7887
Ferreira, Ricardo Boavida		0000-0002-5027-7564

ISSN: 0021-8561

eISSN: 1520-5118

Record 14 of 24

Title: Chicoric acid: chemistry, distribution, and production

Author(s): Lee, J (Lee, Jungmin); Scagel, CF (Scagel, Carolyn F.)

Source: FRONTIERS IN CHEMISTRY **Volume:** 1 **Article Number:** UNSP 40 **DOI:** 10.3389/fchem.2013.00040 **Published:** 2013

Accession Number: WOS:000209678500037

PubMed ID: 24790967

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lee, Jungmin	J-1113-2019	0000-0002-8660-9444
Scagel, Carolyn		0000-0002-4269-6240

ISSN: 2296-2646

Record 15 of 24

Title: Salinity-induced changes in caffeic acid derivatives, alkamides and ketones in three Echinacea species

Author(s): Sabra, A (Sabra, Ali); Adam, L (Adam, Lorne); Daayf, F (Daayf, Fouad); Renault, S (Renault, Sylvie)

Source: ENVIRONMENTAL AND EXPERIMENTAL BOTANY **Volume:** 77 **Pages:** 234-241 **DOI:** 10.1016/j.envexpbot.2011.11.013 **Published:** APR 2012

Accession Number: WOS:000301025800026

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Daayf, Fouad	P-3901-2019	
Daayf, Fouad		0000-0001-8912-0460

ISSN: 0098-8472

eISSN: 1873-7307

Record 16 of 24

Title: Chitosan Oligosaccharides Promote the Content of Polyphenols in Greek Oregano (*Origanum vulgare* ssp *hirtum*)

Author(s): Yin, H (Yin, Heng); Frette, XC (Frette, Xavier C.); Christensen, LP (Christensen, Lars P.); Grevsen, K (Grevsen, Kai)

Source: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY **Volume:** 60 **Issue:** 1 **Pages:** 136-143 **DOI:** 10.1021/jf204376j **Published:** JAN 11 2012

Accession Number: WOS:000298943000021

PubMed ID: 22126122

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Frette, Xavier c	E-8179-2010	0000-0002-4841-7011
Yin, Heng	G-5412-2010	0000-0001-6553-0887
Christensen, Lars P.	I-7011-2016	0000-0002-5035-9201
Frette, Xavier	T-7424-2019	0000-0002-4841-7011
Yin, Heng		0000-0001-8193-9236

ISSN: 0021-8561

eISSN: 1520-5118

Record 17 of 24

Title: Production of Gymnemic Acid Depends on Medium, Explants, PGRs, Color Lights, Temperature, Photoperiod, and Sucrose Sources in Batch Culture of *Gymnema sylvestre*

Author(s): Ahmed, ABA (Ahmed, A. Bakrudeen Ali); Rao, AS (Rao, A. S.); Rao, MV (Rao, M. V.); Taha, RM (Taha, Rosna Mat)

Source: SCIENTIFIC WORLD JOURNAL **Article Number:** 897867 **DOI:** 10.1100/2012/897867 **Published:** 2012

Accession Number: WOS:000306564300001

PubMed ID: 22629221

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Record 18 of 24

Title: Antioxidant properties of tablets prepared from ginkgo, echinacea and mentha dry extracts

Author(s): Mlosevic, S (Mlosevic, S.); Zekovic, Z (Zekovic, Z.); Lepojevic, Z (Lepojevic, Z.); Vidovic, S (Vidovic, S.); Radojkovic, M (Radojkovic, M.); Cvetanovic, A (Cvetanovic, A.)

Source: ROMANIAN BIOTECHNOLOGICAL LETTERS **Volume:** 16 **Issue:** 5 **Pages:** 6481-6487 **Published:** SEP-OCT 2011

Accession Number: WOS:000296488700003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vidovic, Senka		0000-0001-6936-3289

ISSN: 1224-5984

Record 19 of 24

Title: Effect of a polyamine biosynthesis inhibitor on the quality of grape and red wine

Author(s): Hudec, J (Hudec, Jozef); Mazur, R (Mazur, Robert); Trebichalsky, P (Trebichalsky, Pavol); Lacko-Bartosova, M (Lacko-Bartosova, Magdalena); Losak, T (Losak, Tomas); Musilova, J (Musilova, Janette); Chlebo, P (Chlebo, Peter); Kovacik, P (Kovacik, Peter)

Source: JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE **Volume:** 91 **Issue:** 11 **Pages:** 2045-2052 **DOI:** 10.1002/jsfa.4418 **Published:** AUG 30 2011

Accession Number: WOS:000293808300016

PubMed ID: 21495042

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Musilova, Janette U-9491-2019		0000-0001-9956-4356

ISSN: 0022-5142
eISSN: 1097-0010

Record 20 of 24

Title: Two decades of plant-based candidate vaccines: a review of the chimeric protein approaches

Author(s): Soria-Guerra, RE (Soria-Guerra, Ruth Elena); Moreno-Fierros, L (Moreno-Fierros, Leticia); Rosales-Mendoza, S (Rosales-Mendoza, Sergio)

Source: PLANT CELL REPORTS **Volume:** 30 **Issue:** 8 **Pages:** 1367-1382 **DOI:** 10.1007/s00299-011-1065-3 **Published:** AUG 2011

Accession Number: WOS:000293795100001

PubMed ID: 21505834

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Moreno-Fierros, Leticia A-6208-2014		0000-0002-2786-885X

ISSN: 0721-7714

Record 21 of 24

Title: Comparative phytochemical analysis of wild and in vitro-derived greenhouse-grown tubers, in vitro shoots and callus-like basal tissues of *Harpagophytum procumbens*

Author(s): Bairu, MW (Bairu, M. W.); Amoo, SO (Amoo, S. O.); Van Staden, J (Van Staden, J.)

Source: SOUTH AFRICAN JOURNAL OF BOTANY **Volume:** 77 **Issue:** 2 **Pages:** 479-484 **DOI:** 10.1016/j.sajb.2010.09.009 **Published:** APR 2011

Accession Number: WOS:000291237600024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Amoo, Stephen B-6757-2009		
Amoo, Stephen		0000-0003-0009-5436

ISSN: 0254-6299

Record 22 of 24

Title: Plant-derived medicines: A novel class of immunological adjuvants

Author(s): Licciardi, PV (Licciardi, Paul V.); Underwood, JR (Underwood, John R.)

Source: INTERNATIONAL IMMUNOPHARMACOLOGY **Volume:** 11 **Issue:** 3 **Pages:** 390-398 **DOI:** 10.1016/j.intimp.2010.10.014 **Published:** MAR 2011

Accession Number: WOS:000288636400014

PubMed ID: 21056709

ISSN: 1567-5769

eISSN: 1878-1705

Record 23 of 24

Title: Xenohormesis: health benefits from an eon of plant stress response evolution

Author(s): Hooper, PL (Hooper, Philip L.); Hooper, PL (Hooper, Paul L.); Tytell, M (Tytell, Michael); Vigh, L (Vigh, Laszlo)

Source: CELL STRESS & CHAPERONES **Volume:** 15 **Issue:** 6 **Pages:** 761-770 **DOI:** 10.1007/s12192-010-0206-x **Published:** NOV 2010

Accession Number: WOS:000282971000001

PubMed ID: 20524162

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tytell, Michael		0000-0002-6406-456X

ISSN: 1355-8145

eISSN: 1466-1268

Record 24 of 24

Title: Overproduction of Alkaloid Phytoalexins in California Poppy Cells Is Associated with the Co-Expression of Biosynthetic and Stress-Protective Enzymes

Author(s): Angelova, S (Angelova, Sornitza); Buchheim, M (Buchheim, Marcus); Frowitter, D (Frowitter, Doreen); Schierhorn, A (Schierhorn, Angelika); Roos, W (Roos, Werner)

Source: MOLECULAR PLANT **Volume:** 3 **Issue:** 5 **Pages:** 927-939 **DOI:** 10.1093/mp/ssq043 **Published:** SEP 2010

Accession Number: WOS:000282173900013

PubMed ID: 20729473

ISSN: 1674-2052

eISSN: 1752-9867

Publication No 19 of 132

Title: Poly(2-ethyl-2-oxazoline) conjugates with doxorubicin for cancer therapy: In vitro and in vivo evaluation and direct comparison to poly [N-(2-hydroxypropyl)methacrylamide] analogues

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Mattova, J (Mattova, Jana); Kucka, J (Kucka, Jan); Panek, J (Panek, Jiri); Janouskova, O (Janouskova, Olga); Hoherl, A (Hoherl, Anita); Verbraeken, B (Verbraeken, Bart); Vergaelen, M (Vergaelen, Maarten); Zadinova, M (Zadinova, Marie); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: BIOMATERIALS **Volume:** 146 **Pages:** 1-12 **DOI:** 10.1016/j.biomaterials.2017.09.003 **Published:** NOV 2017

Accession Number: WOS:000412958000001

PubMed ID: 28892751

Author Identifiers:

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Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Panek, Jiri	H-7129-2014	
Monnery, Bryn		0000-0001-5691-5451

ISSN: 0142-9612

eISSN: 1878-5905

Record 1 of 21

Title: Ecotoxicological impact of selected polyethylenimines toward their potential application as nitrogen fertilizers with prolonged activity

Author(s): Rychter, P (Rychter, Piotr); Christova, D (Christova, Darinka); Lewicka, K (Lewicka, Kamila); Rogacz, D (Rogacz, Diana)

Source: CHEMOSPHERE **Volume:** 226 **Pages:** 800-808 **DOI:** 10.1016/j.chemosphere.2019.03.128 **Published:** JUL 2019

Accession Number: WOS:000468709500086

PubMed ID: 30965251

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Rychter, Piotr		0000-0002-2143-0208

ISSN: 0045-6535

eISSN: 1879-1298

Record 2 of 21

Title: Synthesis of defined high molar mass poly(2-methyl-2-oxazoline)

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 10 **Issue:** 11 **Pages:** 1286-1290 **DOI:** 10.1039/c9py00013e **Published:** MAR 21 2019

Accession Number: WOS:000461062300001

Author Identifiers:

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Monnery, Bryn		0000-0001-5691-5451

ISSN: 1759-9954

eISSN: 1759-9962

Record 3 of 21

Title: Amidation of methyl ester side chain bearing poly(2-oxazoline)s with tyramine: a quest for a selective and quantitative approach

Author(s): Van Guyse, JFR (Van Guyse, Joachim F. R.); Mees, MA (Mees, Maarten A.); Vergaelen, M (Vergaelen, Maarten); Baert, M (Baert, Mathijs); Verbraeken, B (Verbraeken, Bart); Martens, PJ (Martens, Penny J.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 10 **Issue:** 8 **Pages:** 954-962 **DOI:** 10.1039/c9py00014c **Published:** FEB 28 2019

Accession Number: WOS:000459185800002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Van Guyse, Joachim		0000-0001-5725-6531

ISSN: 1759-9954

eISSN: 1759-9962

Record 4 of 21

Title: Comblike Polymers with Topologically Different Side Chains for Surface Modification: Assembly Process and Interfacial Physicochemical Properties

Author(s): Ramakrishna, SN (Ramakrishna, Shivaprakash N.); Morgese, G (Morgese, Giulia); Zenobi-Wong, M (Zenobi-Wong, Marcy); Benetti, EM (Benetti, Edmondo M.)

Source: MACROMOLECULES **Volume:** 52 **Issue:** 4 **Pages:** 1632-1641 **DOI:** 10.1021/acs.macromol.8b02549 **Published:** FEB 26 2019

Accession Number: WOS:000460199600026

ISSN: 0024-9297

eISSN: 1520-5835

Record 5 of 21

Title: Surface-grafted assemblies of cyclic polymers: Shifting between high friction and extreme lubricity

Author(s): Divandari, M (Divandari, Mohammad); Morgese, G (Morgese, Giulia); Ramakrishna, SN (Ramakrishna, Shivaprakash N.); Benetti, EM (Benetti, Edmondo M.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 110 **Pages:** 301-306 **DOI:** 10.1016/j.eurpolymj.2018.11.039 **Published:** JAN 2019

Accession Number: WOS:000456751000036

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Morgese, Giulia 0000-0002-4706-1009
ISSN: 0014-3057
eISSN: 1873-1945

Record 6 of 21

Title: Straightforward Route to Superhydrophilic Poly(2-oxazoline)s via Acylation of Well-Defined Polyethylenimine

Author(s): Sedlacek, O (Sedlacek, Ondrej); Janouskova, O (Janouskova, Olga); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard)

Source: BIOMACROMOLECULES Volume: 20 Issue: 1 Pages: 222-230 DOI: 10.1021/acs.biomac.8b01366 Published: JAN 2019

Accession Number: WOS:000456349600019

PubMed ID: 30512933

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 1525-7797

eISSN: 1526-4602

Record 7 of 21

Title: Preparation and characterization of doxorubicin nanocarriers based on thermoresponsive oligo(ethylene glycol) methyl ether methacrylate polymer-drug conjugates

Author(s): Lipowska-Kur, D (Lipowska-Kur, Dania); Szweda, R (Szweda, Roza); Trzebiecka, B (Trzebiecka, Barbara); Dworak, A (Dworak, Andrzej)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 109 **Pages:** 391-401 **DOI:** 10.1016/j.eurpolymj.2018.10.008 **Published:** DEC 2018

Accession Number: WOS:000454974800043

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Szweda, Roza		0000-0003-2152-7656

ISSN: 0014-3057

eISSN: 1873-1945

Record 8 of 21

Title: Defined High Molar Mass Poly(2-Oxazoline)s

Author(s): Monnery, BD (Monnery, Bryn D.); Jerca, VV (Jerca, Valentin V.); Sedlacek, O (Sedlacek, Ondrej); Verbracken, B (Verbracken, Bart); Cavill, R (Cavill, Rachel); Hoogenboom, R (Hoogenboom, Richard)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 57 **Issue:** 47 **Pages:** 15400-15404 **DOI:** 10.1002/anie.201807796 **Published:** NOV 19 2018

Accession Number: WOS:000453344500015

PubMed ID: 30303605

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Jerca, Valentin Victor	M-5326-2017	0000-0001-6997-4979
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Cavill, Rachel		0000-0002-3796-1687
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1433-7851

eISSN: 1521-3773

Record 9 of 21

Title: Full and partial hydrolysis of poly(2-oxazoline)s and the subsequent post-polymerization modification of the resulting polyethylenimine (co)polymers

Author(s): Mees, MA (Mees, Maarten A.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 40 **Pages:** 4968-4978 **DOI:** 10.1039/c8py00978c **Published:** OCT 28 2018

Accession Number: WOS:000448347900003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard B	8977-2008	0000-0001-7398-2058
Mees, Maarten		0000-0003-0039-3230

ISSN: 1759-9954
eISSN: 1759-9962

Record 10 of 21

Title: Sialic Acid-Functionalized pH-Triggered Micelles for Enhanced Tumor Tissue Accumulation and Active Cellular Internalization of Orthotopic Hepatocarcinoma

Author(s): Xu, XL (Xu, Xiao-Ling); Lu, KJ (Lu, Kong-Jun); Zhu, ML (Zhu, Meng-Lu); Du, YL (Du, Yang-Long); Zhu, YF (Zhu, Ya-Fang); Zhang, NN (Zhang, Nan-Nan); Wang, XJ (Wang, Xiao-Juan); Kang, XQ (Kang, Xu-Qi); Xu, DM (Xu, De-Min); Ying, XY (Ying, Xiao-Ying); Yu, RS (Yu, Ri-Sheng); Lu, CY (Lu, Chen-Ying); Ji, JS (Ji, Jian-Song); You, J (You, Jian); Du, YZ (Du, Yong-Zhong)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 10 **Issue:** 38 **Pages:** 31903-31914 **DOI:** 10.1021/acsami.8b09498 **Published:** SEP 26 2018

Accession Number: WOS:000446142100010

PubMed ID: 30178997

ISSN: 1944-8244

Record 11 of 21

Title: Chemical Design of Non-Ionic Polymer Brushes as Biointerfaces: Poly(2-oxazine)s Outperform Both Poly(2-oxazoline)s and PEG

Author(s): Morgese, G (Morgese, Giulia); Verbraeken, B (Verbraeken, Bart); Ramakrishna, SN (Ramakrishna, Shivaprakash N.); Gombert, Y (Gombert, Yvonne); Cavalli, E (Cavalli, Emma); Rosenboom, JG (Rosenboom, Jan-Georg); Zenobi-Wong, M (Zenobi-Wong, Marcy); Spencer, ND (Spencer, Nicholas D.); Hoogenboom, R (Hoogenboom, Richard); Benetti, EM (Benetti, Edmondo M.)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 57 **Issue:** 36 **Pages:** 11667-11672 **DOI:** 10.1002/anie.201805620 **Published:** SEP 3 2018

Accession Number: WOS:000442846300031

PubMed ID: 30047615

Author Identifiers:

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Zenobi-Wong, Marcy	J-5398-2013	0000-0002-8522-9909
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Spencer, Nicholas	M-9647-2019	0000-0002-7873-7905
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Benetti, Edmondo Maria		0000-0002-5657-5714

ISSN: 1433-7851

eISSN: 1521-3773

Record 12 of 21

Title: Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update

Author(s): Lorson, T (Lorson, Thomas); Lubtow, MM (Lubtow, Michael M.); Wegener, E (Wegener, Erik); Haider, MS (Haider, Malik S.); Borova, S (Borova, Solomiia); Nahm, D (Nahm, Daniel); Jordan, R (Jordan, Rainer); Sokolski-Papkov, M (Sokolski-Papkov, Marina); Kabanov, AV (Kabanov, Alexander V.); Luxenhofer, R (Luxenhofer, Robert)

Source: BIOMATERIALS **Volume:** 178 **Pages:** 204-280 **DOI:** 10.1016/j.biomaterials.2018.05.022 **Published:** SEP 2018

Accession Number: WOS:000440959000018

PubMed ID: 29945064

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Luxenhofer, Robert	C-2825-2008	0000-0001-5567-7404
Kabanov, Alexander	N-3356-2013	0000-0002-3665-946X

ISSN: 0142-9612

eISSN: 1878-5905

Record 13 of 21

Title: Exploring the role of polymeric conjugates toward anti-cancer drug delivery: Current trends and future projections

Author(s): Khan, J (Khan, Junaid); Alexander, A (Alexander, Amit); Ajazuddin (Ajazuddin); Saraf, S (Saraf, Swarnlata); Saraf, S (Saraf, Shailendra)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 548 **Issue:** 1 **Pages:** 500-514 **DOI:** 10.1016/j.ijpharm.2018.06.060 **Published:** SEP 2018

Accession Number: WOS:000440552100049

PubMed ID: 29964172

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Alexander, Amit	U-1271-2019	0000-0003-0391-7650

ISSN: 0378-5173

eISSN: 1873-3476

Record 14 of 21

Title: Molecularly Imprinted Poly(2-oxazoline) Based on Cross-Linking by Direct Amidation of Methyl Ester Side Chains

Author(s): Ceglowski, M (Ceglowski, Michal); Hoogenboom, R (Hoogenboom, Richard)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 16 **Pages:** 6468-6475 **DOI:** 10.1021/acs.macromol.8b01068 **Published:** AUG 28 2018

Accession Number: WOS:000443524600031

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Ceglowski, Michal		0000-0002-8257-642X

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Record 15 of 21

Title: Unravelling the Excellent Chemical Stability and Bioavailability of Solvent Responsive Curcumin-Loaded 2-Ethyl-2-oxazoline-grad-2-(4-dodecyloxyphenyl)-2-oxazoline Copolymer Nanoparticles for Drug Delivery

Author(s): Datta, S (Datta, Shubhashis); Jutkova, A (Jutkova, Annamaria); Sramkova, P (Sramkova, Petra); Lenkayska, L (Lenkayska, Lenka); Huntosova, V (Huntosova, Veronika); Chorvat, D (Chorvat, Dusan); Miskovsky, P (Miskovsky, Pavol); Jancura, D (Jancura, Daniel); Kronek, J (Kronek, Juraj)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 7 **Pages:** 2459-2471 **DOI:** 10.1021/acs.biomac.8b00057 **Published:** JUL 2018

Accession Number: WOS:000438470800010

PubMed ID: 29634248

ISSN: 1525-7797

eISSN: 1526-4602

Record 16 of 21

Title: Poly(2-oxazoline) Hydrogels: State-of-the-Art and Emerging Applications

Author(s): Dargaville, TR (Dargaville, Tim R.); Park, JR (Park, Jong-Ryul); Hoogenboom, R (Hoogenboom, Richard)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 18 **Issue:** 6 **Article Number:** 1800070 **DOI:** 10.1002/mabi.201800070 **Published:** JUN 2018

Accession Number: WOS:000435279400013

PubMed ID: 29736908

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Dargaville, Tim		0000-0003-4665-9508

ISSN: 1616-5187

eISSN: 1616-5195

Record 17 of 21

Title: Design and characterization of ultrastable, biopassive and lubricious cyclic poly(2-alkyl-2-oxazoline) brushes

Author(s): Yan, WQ (Yan, Wenqing); Divandari, M (Divandari, Mohammad); Rosenboom, JG (Rosenboom, Jan-Georg); Ramakrishna, SN (Ramakrishna, Shivaprakash N.); Trachsel, L (Trachsel, Lucca); Spencer, ND (Spencer, Nicholas D.); Morgese, G (Morgese, Giulia); Benetti, EM (Benetti, Edmondo M.)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 19 **Pages:** 2580-2589 **DOI:** 10.1039/c7py02137b **Published:** MAY 12 2018

Accession Number: WOS:000432587700006

Author Identifiers:

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Benetti, Edmondo Maria		0000-0002-5657-5714
Morgese, Giulia		0000-0002-4706-1009

ISSN: 1759-9954

eISSN: 1759-9962

Record 18 of 21

Title: Conformational properties of biocompatible poly(2-ethyl-2-oxazoline)s in phosphate buffered saline

Author(s): Gubarev, AS (Gubarev, Alexander S.); Monnery, BD (Monnery, Bryn D.); Lezov, AA (Lezov, Alexey A.); Sedlacek, O (Sedlacek, Ondrej); Tsvetkov, NV (Tsvetkov, Nikolai V.); Hoogenboom, R (Hoogenboom, Richard); Filippov, SK (Filippov, Sergey K.)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 17 **Pages:** 2232-2237 **DOI:** 10.1039/c8py00255j **Published:** MAY 7 2018

Accession Number: WOS:000431183700003

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Gubarev, Alexander	J-9313-2013	0000-0002-2888-7526
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Tsvetkov, Nikolai	J-7975-2013	0000-0003-2666-6073
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
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Monnery, Bryn		0000-0001-5691-5451

ISSN: 1759-9954

eISSN: 1759-9962

Record 19 of 21

Title: The Choice of Biocompatible Polymer: Physico-Chemical Properties as the Key Factor to Be Considered

Author(s): Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 517-521 **Published:** 2018

Accession Number: WOS:000441289700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Record 20 of 21

Title: Poly(2-oxazoline)-Pterostilbene Block Copolymer Nanoparticles for Dual-Anticancer Drug Delivery

Author(s): Romio, M (Romio, Matteo); Morgese, G (Morgese, Giulia); Trachsel, L (Trachsel, Lucca); Babity, S (Babity, Samuel); Paradisi, C (Paradisi, Cristina); Brambilla, D (Brambilla, Davide); Benetti, EM (Benetti, Edmondo M.)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 1 **Pages:** 103-111 **DOI:** 10.1021/acs.biomac.7b01279 **Published:** JAN 2018

Accession Number: WOS:000419998600011

PubMed ID: 29216713

Author Identifiers:

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Morgese, Giulia		0000-0002-4706-1009
Benetti, Edmondo Maria		0000-0002-5657-5714

ISSN: 1525-7797

eISSN: 1526-4602

Record 21 of 21

Title: Recent Progress of Doxorubicin Nanomedicine in Hematologic Malignancies

Author(s): Qu, Y (Qu, Ying); Niu, T (Niu, Ting); Liu, ZG (Liu, Zhigang); Chu, BY (Chu, Bingyang); Zhang, L (Zhang, Lan); Qian, ZY (Qian, Zhiyong)

Source: NANOSCIENCE AND NANOTECHNOLOGY LETTERS **Volume:** 9 **Issue:** 12 **Pages:** 1861-1874 **DOI:** 10.1166/nnl.2017.2589 **Published:** DEC 2017

Accession Number: WOS:000428378100004

ISSN: 1941-4900

eISSN: 1941-4919

Publication No 20 of 132

Title: Thermoresponsive polymeric radionuclide delivery system-An injectable brachytherapy

Author(s): Hruby, M (Hruby, Martin); Pouckova, P (Pouckova, Pavla); Zadinova, M (Zadinova, Marie); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:**

42 **Issue:** 5 **Pages:** 484-488 **DOI:** 10.1016/j.ejps.2011.02.002 **Published:** APR 18 2011

Accession Number: WOS:000290822800006

PubMed ID: 21324355

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Hruby, Martin	H-6479-2014	

ISSN: 0928-0987

Record 1 of 21

Title: Biomedical nanoparticle carriers with combined thermal and magnetic response

Author(s): Soares, DCF (Ferreira Soares, Daniel Cristian); Tebaldi, ML (Tebaldi, Marli Luiza)

Edited by: Makhoulf ASH; AbuThabit NY

Source: STIMULI RESPONSIVE POLYMERIC NANOCARRIERS FOR DRUG DELIVERY APPLICATIONS: ADVANCED NANOCARRIERS FOR THERAPEUTICS, VOL 2 **Book Series:** Woodhead Publishing Series in Biomaterials **Pages:** 111-129 **DOI:** 10.1016/B978-0-08-101995-5.00004-0 **Published:** 2019

Accession Number: WOS:000475739800005

ISSN: 2049-9485

ISBN: 978-0-08-101996-2; 978-0-08-101995-5

Book DOI: 10.1016/C2016-0-00601-0

Record 2 of 21

Title: Controlling injectability and in vivo stability of thermogelling copolymers for delivery of yttrium-90 through intra-tumoral injection for potential brachytherapy

Author(s): Zhu, JL (Zhu, Jing-Ling); Yu, SWK (Yu, Sidney Wing-Kwong); Chow, PKH (Chow, Pierce Kah-Hoe); Tong, YW (Tong, Yen Wah); Li, J (Li, Jun)

Source: BIOMATERIALS **Volume:** 180 **Pages:** 163-172 **DOI:** 10.1016/j.biomaterials.2018.07.023 **Published:** OCT 2018

Accession Number: WOS:000442056500013

PubMed ID: 30053657

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Jun	B-5308-2008	0000-0003-2982-7960

ISSN: 0142-9612

eISSN: 1878-5905

Record 3 of 21

Title: Biomedical nanoparticle carriers with combined thermal and magnetic response: Current preclinical investigations

Author(s): Tebaldi, ML (Tebaldi, Marli Luiza); Oda, CMR (Oda, Caroline M. R.); Monteiro, LOF (Monteiro, Liziane O. F.); de Barros, ALB (de Barros, Andre L. B.); Santos, CJ (Santos, Carla Junia); Soares, DCF (Ferreira Soares, Daniel Cristian)

Source: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS **Volume:** 461 **Pages:** 116-127 **DOI:** 10.1016/j.jmmm.2018.04.032 **Published:** SEP 1 2018

Accession Number: WOS:000432617400018

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Soares, Daniel		0000-0002-2204-6881

ISSN: 0304-8853

eISSN: 1873-4766

Record 4 of 21

Title: F-19 Magnetic Resonance Imaging of Injectable Polymeric Implants with Multiresponsive Behavior

Author(s): Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Jager, E (Jager, Eliezer); Laaser, JE (Laaser, Jennifer E.); Lodge, TP (Lodge, Timothy P.); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: CHEMISTRY OF MATERIALS **Volume:** 30 **Issue:** 15 **Pages:** 4892-4896 **DOI:** 10.1021/acs.chemmater.8b02115 **Published:** AUG 14 2018

Accession Number: WOS:000442186500005

Author Identifiers:

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Hruby, Martin		0000-0002-5075-261X

ISSN: 0897-4756

eISSN: 1520-5002

Record 5 of 21

Title: Thermoresponsive beta-glucan-based polymers for bimodal immunoradiotherapy - Are they able to promote the immune system?

Author(s): Loukotova, L (Loukotova, Lenka); Kucka, J (Kucka, Jan); Rabyk, M (Rabyk, Mariia); Hocherl, A (Hocherl, Anita); Venclikova, K (Venclikova, Kristyna); Janouskova, O (Janouskova, Olga); Paral, P (Paral, Petr); Kolarova, V (Kolarova, Vera); Heizer, T (Heizer, Tomas); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 268 **Pages:** 78-91 **DOI:** 10.1016/j.jconrel.2017.10.010 **Published:** DEC 28 2017

Accession Number: WOS:000417329800008

PubMed ID: 29031896

Author Identifiers:

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Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Loukotova, Lenka	K-3599-2017	
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Hruby, Martin	H-6479-2014	
Hocherl, Anita	G-6222-2014	
		0000-0001-5124-0926
Hochehl, Anita		0000-0003-3391-3546

ISSN: 0168-3659

eISSN: 1873-4995

Record 6 of 21

Title: Brachytherapy with Intratumoral Injections of Radiometal-Labeled Polymers That Thermoresponsively Self-Aggregate in Tumor Tissues

Author(s): Sano, K (Sano, Kohei); Kanada, Y (Kanada, Yuko); Kanazaki, K (Kanazaki, Kengo); Ding, N (Ding, Ning); Ono, M (Ono, Masahiro); Saji, H (Saji, Hideo)

Source: JOURNAL OF NUCLEAR MEDICINE **Volume:** 58 **Issue:** 9 **Pages:** 1380-1385 **DOI:** 10.2967/jnumed.117.189993 **Published:** SEP 2017

Accession Number: WOS:000408907200010

PubMed ID: 28408533

ISSN: 0161-5505

eISSN: 1535-5667

Record 7 of 21

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

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Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 8 of 21**Title:** The effect of ionizing radiation on biocompatible polymers: From sterilization to radiolysis and hydrogel formation**Author(s):** Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Monnery, BD (Monnery, Bryn D.); Slouf, M (Slouf, Miroslav); Vetrik, M (Vetrik, Miroslav); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)**Source:** POLYMER DEGRADATION AND STABILITY **Volume:** 137 **Pages:** 1-10 **DOI:** 10.1016/j.polymdegradstab.2017.01.005 **Published:** MAR 2017**Accession Number:** WOS:000396948100001

Author Identifiers:

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Vetrik, Miroslav	G-3495-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Kucka, Jan	G-7884-2014	
Monnery, Bryn		0000-0001-5691-5451

ISSN: 0141-3910**eISSN:** 1873-2321**Record 9 of 21****Title:** Double stimuli-responsive polymer systems: How to use crosstalk between pH- and thermosensitivity for drug depots**Author(s):** Bogomolova, A (Bogomolova, A.); Kabarov, L (Kabarov, L.); Sedlacek, O (Sedlacek, O.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.); Kral, V (Kral, V.); Wang, XY (Wang, X. Y.); Liu, SL (Liu, S. L.); Ye, XD (Ye, X. D.); Hruby, M (Hruby, M.)**Source:** EUROPEAN POLYMER JOURNAL **Volume:** 84 **Pages:** 54-64 **DOI:** 10.1016/j.eurpolymj.2016.09.010 **Published:** NOV 2016**Accession Number:** WOS:000390181800005

Author Identifiers:

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Kabarov, Leonid	B-9047-2016	0000-0002-5199-9980
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Ye, Xiaodong	A-6983-2010	0000-0003-2143-1726
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	

ISSN: 0014-3057**eISSN:** 1873-1945**Record 10 of 21****Title:** Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?**Author(s):** Sedlacek, O (Sedlacek, Ondrej); Cernoch, P (Cernoch, Peter); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Stepanek, P (Stepanek, Petr); Vetrik, M (Vetrik, Miroslav); Lodge, TP (Lodge, Timothy P.); Hruby, M (Hruby, Martin)**Source:** LANGMUIR **Volume:** 32 **Issue:** 24 **Pages:** 6115-6122 **DOI:** 10.1021/acs.langmuir.6b01527 **Published:** JUN 21 2016**Accession Number:** WOS:000378470000013**PubMed ID:** 27238593

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernoch, Peter	H-6988-2014	
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891

ISSN: 0743-7463**Record 11 of 21****Title:** Injectable polypeptide micelles that form radiation crosslinked hydrogels in situ for intratumoral radiotherapy**Author(s):** Schaal, JL (Schaal, Jeffrey L.); Li, XH (Li, Xinghai); Mastria, E (Mastria, Eric); Bhattacharyya, J (Bhattacharyya, Jayanta); Zalutsky, MR (Zalutsky, Michael R.); Chilkoti, A (Chilkoti, Ashutosh); Liu, WG (Liu, Wenge)**Source:** JOURNAL OF CONTROLLED RELEASE **Volume:** 228 **Pages:** 58-66 **DOI:** 10.1016/j.jconrel.2016.02.040 **Published:** APR 28 2016

Accession Number: WOS:000373429600007

PubMed ID: 26928529

Author Identifiers:

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Mastria, Eric		0000-0002-5112-4543
Schaal, Jeffrey		0000-0003-3860-5841

ISSN: 0168-3659

eISSN: 1873-4995

Record 12 of 21

Title: Fate of Organic Functionalities Conjugated to Theranostic Nanoparticles upon Their Activation

Author(s): Martinelli, J (Martinelli, Jonathan); Denkova, AG (Denkova, Antonia G.); Arranja, A (Arranja, Alexandra); Terpstra, BE (Terpstra, Baukje E.); Zhang, WY (Zhang, Wuyuan); Djanashvili, K (Djanashvili, Kristina)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 27 **Issue:** 2 **Pages:** 446-456 **DOI:** 10.1021/acs.bioconjchem.5b00552 **Published:** FEB 2016

Accession Number: WOS:000370582600019

PubMed ID: 26619135

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Djanashvili, Kristina	G-9053-2012	0000-0003-1511-015X

ISSN: 1043-1802

Record 13 of 21

Title: Spatiotemporally photoradiation-controlled intratumoral depot for combination of brachytherapy and photodynamic therapy for solid tumor

Author(s): Mukerji, R (Mukerji, Ratul); Schaal, J (Schaal, Jeffrey); Li, XH (Li, Xinghai); Bhattacharyya, J (Bhattacharyya, Jayanta); Asai, D (Asai, Daisuke); Zalutsky, MR (Zalutsky, Michael R.); Chilkoti, A (Chilkoti, Ashutosh); Liu, WG (Liu, Wenge)

Source: BIOMATERIALS **Volume:** 79 **Pages:** 79-87 **DOI:** 10.1016/j.biomaterials.2015.11.064 **Published:** FEB 2016

Accession Number: WOS:000368868400008

PubMed ID: 26702586

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Schaal, Jeffrey		0000-0003-3860-5841

ISSN: 0142-9612

eISSN: 1878-5905

Record 14 of 21

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
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Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 15 of 21

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

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Filippov, Sergey B-8438-2009 0000-0002-4253-5076
ISSN: 0014-3057
eISSN: 1873-1945

Record 16 of 21

Title: Thermoresponsive polymer system based on poly(N-vinylcaprolactam) intended for local radiotherapy applications

Author(s): Cernoch, P (Cernoch, Peter); Cernochova, Z (Cernochova, Zulfiya); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Petrova, S (Petrova, Svetlana); Stepanek, P (Stepanek, Petr)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 98 **Pages:** 7-12 **DOI:** 10.1016/j.apradiso.2015.01.005 **Published:** APR 2015

Accession Number: WOS:000352245100002

PubMed ID: 25617711

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Cernochova, Zulfiya	H-6730-2014	
Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Petrova, Svetlana	H-3384-2014	0000-0001-7364-4737

ISSN: 0969-8043

Record 17 of 21

Title: Delivery systems for brachytherapy

Author(s): de la Puente, P (de la Puente, Pilar); Azab, AK (Azab, Abdel Kareem)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 192 **Pages:** 19-28 **DOI:** 10.1016/j.jconrel.2014.06.057 **Published:** OCT 28 2014

Accession Number: WOS:000342460400003

PubMed ID: 25008970

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
de la Puente, Pilar	V-8052-2019	0000-0001-5953-1197

ISSN: 0168-3659

eISSN: 1873-4995

Record 18 of 21

Title: Application of Thermoresponsive PNIPAAm-b-PAMPTMA Diblock Copolymers in siRNA Delivery

Author(s): Cardoso, AM (Cardoso, Ana M.); Calejo, MT (Teresa Calejo, M.); Morais, CM (Morais, Catarina M.); Cardoso, AL (Cardoso, Ana L.); Cruz, R (Cruz, Rita); Zhu, KZ (Zhu, Kaizheng); de Lima, MCP (Pedroso de Lima, Maria C.); Jurado, AS (Jurado, Amalia S.); Nystrom, B (Nystroem, Bo)

Source: MOLECULAR PHARMACEUTICS **Volume:** 11 **Issue:** 3 **Pages:** 819-827 **DOI:** 10.1021/mp400510a **Published:** MAR 2014

Accession Number: WOS:000332348600016

PubMed ID: 24428614

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Pedroso de Lima, Maria		0000-0003-1844-5027

ISSN: 1543-8384

Record 19 of 21

Title: Glycogen-graft-poly(2-alkyl-2-oxazolines) - the new versatile biopolymer-based thermoresponsive macromolecular toolbox

Author(s): Pospisilova, A (Pospisilova, Aneta); Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Turner, S (Turner, Stuart); Sedlacek, O (Sedlacek, Ondrej); Matushkin, N (Matushkin, Nikolai); Cernochova, Z (Cernochova, Zulfiya); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 106 **Pages:** 61580-61588 **DOI:** 10.1039/c4ra10315g **Published:** 2014

Accession Number: WOS:000345656600045

Author Identifiers:

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Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Bogomolova, Anna	O-2982-2016	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 2046-2069

Record 20 of 21

Title: Brachytherapy Using Injectable Seeds That Are Self-Assembled from Genetically Encoded Polypeptides In Situ

Author(s): Liu, WG (Liu, Wenge); McDaniel, J (McDaniel, Jonathan); Li, XH (Li, Xinghai); Asai, D (Asai, Daisuke); Quiroz, FG (Quiroz, Felipe Garcia); Schaal, J (Schaal, Jeffery); Park, JS (Park, Ji Sun); Zalutsky, M (Zalutsky, Michael); Chilkoti, A (Chilkoti, Ashutosh)

Source: CANCER RESEARCH **Volume:** 72 **Issue:** 22 **Pages:** 5956-5965 **DOI:** 10.1158/0008-5472.CAN-12-2127 **Published:** NOV 15 2012

Accession Number: WOS:000311141300031

PubMed ID: 23155121

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McDaniel, Jonathan		0000-0001-8575-3535
Liu, Wenge		0000-0002-0688-1879

ISSN: 0008-5472

Record 21 of 21

Title: Antitumoral activity and toxicity of PEG-coated and PEG-folate-coated pH-sensitive liposomes containing Gd-159-DTPA-BMA in Ehrlich tumor bearing mice

Author(s): Soares, DCF (Ferreira Soares, Daniel Cristian); Cardoso, VN (Cardoso, Valbert Nascimento); de Barros, ALB (Branco de Barros, Andre Luis); de Souza, CM (de Souza, Cristina Maria); Cassali, GD (Cassali, Geovanni Dantas); de Oliveira, MC (de Oliveira, Monica Cristina); Ramaldes, GA (Ramaldes, Gilson Andrade)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 45 **Issue:** 1-2 **Pages:** 58-64 **DOI:** 10.1016/j.ejps.2011.10.018 **Published:** JAN 23 2012

Accession Number: WOS:000300272000006

PubMed ID: 22079137

Author Identifiers:

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de barros, Andre Luis	O-2615-2017	0000-0002-7641-6585
Soares, Daniel		0000-0002-2204-6881

ISSN: 0928-0987

Publication No 21 of 132

Title: Astatination of nanoparticles containing silver as possible carriers of At-211

Author(s): Kucka, J (Kucka, J); Hruby, M (Hruby, M); Konak, C (Konak, C); Kozempel, J (Kozempel, J); Lebeda, O (Lebeda, O)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 64 **Issue:** 2 **Pages:** 201-206 **DOI:** 10.1016/j.apradiso.2005.07.021 **Published:** FEB 2006

Accession Number: WOS:000234824500009

PubMed ID: 16154358

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225
Hruby, Martin	H-6479-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Konak, Cestmir	H-7177-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0969-8043

Record 1 of 19

Title: Review of Therapeutic Applications of Radiolabeled Functional Nanomaterials

Author(s): Jeon, J (Jeon, Jongho)

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES **Volume:** 20 **Issue:** 9 **Article Number:** 2323 **DOI:** 10.3390/ijms20092323 **Published:** MAY 1 2019

Accession Number: WOS:000469753500270

PubMed ID: 31083402

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jeon, Jongho		0000-0002-0288-0991

ISSN: 1422-0067

Record 2 of 19

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0968-5243

eISSN: 1352-8661

Record 3 of 19

Title: An overview of nanoscale radionuclides and radiolabeled nanomaterials commonly used for nuclear molecular imaging and therapeutic functions

Author(s): Farzin, L (Farzin, Leila); Sheibani, S (Sheibani, Shahab); Moassesi, ME (Moassesi, Mohammad Esmail); Shamsipur, M (Shamsipur, Mojtaba)

Source: JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A **Volume:** 107 **Issue:** 1 **Pages:** 251-285 **DOI:** 10.1002/jbm.a.36550 **Published:** JAN 2019

Accession Number: WOS:000451882600025

PubMed ID: 30358098

ISSN: 1549-3296

eISSN: 1552-4965

Record 4 of 19

Title: Progress in Targeted Alpha-Particle Therapy. What We Learned about Recoils Release from In Vivo Generators

Author(s): Kozempel, J (Kozempel, Jan); Mokhodoeva, O (Mokhodoeva, Olga); Vlk, M (Vlk, Martin)

Source: MOLECULES **Volume:** 23 **Issue:** 3 **Article Number:** 581 **DOI:** 10.3390/molecules23030581 **Published:** MAR 2018

Accession Number: WOS:000428514100072

PubMed ID: 29510568

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vlk, Martin	C-8308-2012	0000-0003-1044-1910
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225

ISSN: 1420-3049

Record 5 of 19

Title: At-211 labeled substance P (5-11) as potential radiopharmaceutical for glioma treatment

Author(s): Lyczko, M (Lyczko, Monika); Pruszyński, M (Pruszyński, Marek); Majkowska-Pilip, A (Majkowska-Pilip, Agnieszka); Lyczko, K (Lyczko, Krzysztof); Was, B (Was, Bogdan); Meczynska-Wielgosz, S (Meczynska-Wielgosz, Sylwia); Kruszewski, M (Kruszewski, Marcin); Szkliniarz, K (Szkliniarz, Katarzyna); Jastrzebski, J (Jastrzebski, Jerzy); Stolarz, A (Stolarz, Anna); Bilewicz, A (Bilewicz, Aleksander)

Source: NUCLEAR MEDICINE AND BIOLOGY **Volume:** 53 **Pages:** 1-8 **DOI:** 10.1016/j.nucmedbio.2017.05.008 **Published:** OCT 2017

Accession Number: WOS:000412380600001

PubMed ID: 28683361

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kruszewski, Marcin	S-6095-2018	0000-0003-4554-8566
Szkliniarz, Katarzyna		0000-0001-5560-3667
Lyczko, Krzysztof		0000-0003-4859-674X
Meczynska-Wielgosz, Sylwia		0000-0002-9475-983X

ISSN: 0969-8051

eISSN: 1872-9614

Record 6 of 19

Title: Gold nanoparticle bioconjugates labelled with At-211 for targeted alpha therapy

Author(s): Dziawer, L (Dziawer, L.); Kozminski, P (Kozminski, P.); Meczynska-Wielgosz, S (Meczynska-Wielgosz, S.); Pruszyński, M (Pruszyński, M.); Lyczko, M (Lyczko, M.); Was, B (Was, B.); Celichowski, G (Celichowski, G.); Grobelny, J (Grobelny, J.); Jastrzebski, J (Jastrzebski, J.); Bilewicz, A (Bilewicz, A.)

Source: RSC ADVANCES **Volume:** 7 **Issue:** 65 **Pages:** 41024-41032 **DOI:** 10.1039/c7ra06376h **Published:** 2017

Accession Number: WOS:000409096300042

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kozminski, Przemyslaw	G-2425-2015	0000-0003-0471-6949
Grzegorz Celichowski, Hab.	N-2458-2018	0000-0002-1624-3088
Kozminski, Przemyslaw	P-4453-2019	0000-0003-0471-6949
Meczynska-Wielgosz, Sylwia		0000-0002-9475-983X

ISSN: 2046-2069

Record 7 of 19

Title: Silver impregnated nanoparticles of titanium dioxide as carriers for At-211

Author(s): Cedrowska, E (Cedrowska, Edyta); Lyczko, M (Lyczko, Monika); Piotrowska, A (Piotrowska, Agata); Bilewicz, A (Bilewicz, Aleksander); Stolarz, A (Stolarz, Anna); Trzcinska, A (Trzcinska, Agnieszka); Szkliniarz, K (Szkliniarz, Katarzyna); Was, B (Was, Bogdan)

Source: RADIOCHIMICA ACTA **Volume:** 104 **Issue:** 4 **Pages:** 267-275 **DOI:** 10.1515/ract-2014-2373 **Published:** APR 2016

Accession Number: WOS:000373053900006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Trzcinska, Agnieszka	N-3259-2013	
Trzcinska, Agnieszka		0000-0003-0300-6136
Szkliniarz, Katarzyna		0000-0001-5560-3667

ISSN: 0033-8230

Record 8 of 19

Title: Synthesis and Evaluation of Astatinated N-[2-(Maleimido)ethyl]-3-(trimethylstannyl)benzamide Immunoconjugates

Author(s): Aneheim, E (Aneheim, Emma); Gustafsson, A (Gustafsson, Anna); Albertsson, P (Albertsson, Per); Back, T (Back, Tom); Jensen, H (Jensen, Holger); Palm, S (Palm, Stig); Svedhem, S (Svedhem, Sofia); Lindegren, S (Lindegren, Sture)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 27 **Issue:** 3 **Pages:** 688-697 **DOI:** 10.1021/acs.bioconjchem.5b00664 **Published:** MAR 2016

Accession Number: WOS:000372478600023

PubMed ID: 26791409

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Back, Tom		0000-0002-3375-9473
Albertsson, Per		0000-0002-8158-3345

ISSN: 1043-1802

Record 9 of 19

Title: Multifunctional radiolabeled nanoparticles: strategies and novel classification of radiopharmaceuticals for cancer treatment

Author(s): Enrique, MA (Enrique, Morales-Avila); Mariana, OR (Mariana, Ortiz-Reynoso); Mirshojaei, SF (Mirshojaei, Seyedeh Fatemeh); Ahmadi, A (Ahmadi, Amirhossein)

Source: JOURNAL OF DRUG TARGETING **Volume:** 23 **Issue:** 3 **Pages:** 191-201 **DOI:** 10.3109/1061186X.2014.988216 **Published:** APR 2015

Accession Number: WOS:000350018000001

PubMed ID: 25534010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ahmadi, Amirhossein	H-2136-2011	0000-0002-9737-3633
Morales-Avila, Enrique	A-5746-2016	0000-0001-8471-6791

ISSN: 1061-186X
eISSN: 1029-2330

Record 10 of 19

Title: N-12-(maleimido)ethyl]-3-(trimethylstannyl)benzamide, a molecule for radiohalogenation of proteins and peptides

Author(s): Aneheim, E (Aneheim, Emma); Foreman, MRS (Foreman, Mark R. StJ.); Jensen, H (Jensen, Holger); Lindegren, S (Lindegren, Sture)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 96 **Pages:** 1-5 **DOI:** 10.1016/j.apradiso.2014.11.007 **Published:** FEB 2015

Accession Number: WOS:000348749100001

PubMed ID: 25474765

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Foreman, Mark	I-4297-2019	0000-0002-1491-313X

ISSN: 0969-8043

Record 11 of 19

Title: Nanoparticle-based monoliths for chromatographic separations

Author(s): Tang, S (Tang, Sheng); Guo, Y (Guo, Yong); Xiong, CM (Xiong, Chunming); Liu, SJ (Liu, Shujuan); Liu, X (Liu, Xia); Jiang, SX (Jiang, Shengxiang)

Source: ANALYST **Volume:** 139 **Issue:** 17 **Pages:** 4103-4117 **DOI:** 10.1039/c4an00593g **Published:** SEP 7 2014

Accession Number: WOS:000340703100001

PubMed ID: 25007256

ISSN: 0003-2654
eISSN: 1364-5528

Record 12 of 19

Title: Poly(glycidyl methacrylate)/silver nanocomposite microspheres as a radioiodine scavenger: Electrophoretic characterisation of carboxyl- and amine-modified particles

Author(s): Mackova, H (Mackova, Hana); Oukacine, F (Oukacine, Farid); Plichta, Z (Plichta, Zdenek); Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Taverna, M (Taverna, Myriam); Horak, D (Horak, Daniel)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 421 **Pages:** 146-153 **DOI:** 10.1016/j.jcis.2014.01.042 **Published:** MAY 1 2014

Accession Number: WOS:000334478600020

PubMed ID: 24594043

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Mackova, Hana	G-3247-2014	
taverna, myriam		0000-0002-3656-8293
OUKACINE, FARID		0000-0001-9983-5005

ISSN: 0021-9797
eISSN: 1095-7103

Record 13 of 19

Title: Silver-coated monolithic columns for separation in radiopharmaceutical applications

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Svec, F (Svec, Frantisek); Hruby, M (Hruby, Martin)

Source: JOURNAL OF SEPARATION SCIENCE **Volume:** 37 **Issue:** 7 **Pages:** 798-802 **DOI:** 10.1002/jssc.201301325 **Published:** APR 2014

Accession Number: WOS:000333538600008

PubMed ID: 24478196

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	

ISSN: 1615-9306

Record 14 of 19

Title: Functionalized NaA nanozeolites labeled with Ra-224,Ra-225 for targeted alpha therapy

Author(s): Piotrowska, A (Piotrowska, Agata); Leszczuk, E (Leszczuk, Edyta); Bruchertseifer, F (Bruchertseifer, Frank); Morgenstern, A (Morgenstern, Alfred); Bilewicz, A (Bilewicz, Aleksander)

Source: JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 15 **Issue:** 11 **Article Number:** UNSP 2082 **DOI:** 10.1007/s11051-013-2082-7 **Published:** OCT 31 2013

Accession Number: WOS:000326322500001

ISSN: 1388-0764

eISSN: 1572-896X

Record 15 of 19

Title: Production of [At-211]-Astatinated Radiopharmaceuticals and Applications in Targeted alpha-Particle Therapy

Author(s): Guerard, F (Guerard, Francois); Gestin, JF (Gestin, Jean-Francois); Brechbiel, MW (Brechbiel, Martin W.)

Source: CANCER BIOTHERAPY AND RADIOPHARMACEUTICALS **Volume:** 28 **Issue:** 1 **Pages:** 1-20 **DOI:** 10.1089/cbr.2012.1292 **Published:** FEB 2013

Accession Number: WOS:000313555000001

PubMed ID: 23075373

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
GESTIN, Jean-Francois	M-1505-2015	
Guerard, Francois	L-2881-2015	0000-0001-9795-2785

ISSN: 1084-9785

eISSN: 1557-8852

Record 16 of 19

Title: Scope of Nanotechnology-based Radiation Therapy and Thermotherapy Methods in Cancer Treatment

Author(s): Bakht, MK (Bakht, Mohamadreza K.); Sadeghi, M (Sadeghi, Mahdi); Pourbaghi-Masouleh, M (Pourbaghi-Masouleh, Milad); Tenreiro, C (Tenreiro, Claudio)

Source: CURRENT CANCER DRUG TARGETS **Volume:** 12 **Issue:** 8 **Pages:** 998-1015 **Published:** OCT 2012

Accession Number: WOS:000313047700007

PubMed ID: 22809233

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sadeghi	K-5310-2013	0000-0001-5055-4544
Tenreiro, Claudio F	B-3633-2008	0000-0002-8554-0553
Masouleh, Milad Pourbaghi	M-7038-2019	
Bakht, Martin K.	N-7040-2018	0000-0001-8803-2485

ISSN: 1568-0096

eISSN: 1873-5576

Record 17 of 19

Title: Synthetic Techniques and Applications of Activated Nanostructured Metals: Highlights up to 2008

Author(s): Kharisova, OV (Kharisova, Oxana V.); Kharisov, BI (Kharisov, Boris I.)

Source: RECENT PATENTS ON NANOTECHNOLOGY **Volume:** 2 **Issue:** 2 **Pages:** 103-119 **DOI:** 10.2174/187221008784534505 **Published:** JUN 2008

Accession Number: WOS:000207815500003

PubMed ID: 19076045

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kharisov, Boris Ildusovich	E-3058-2013	
Kharisov, Boris	E-3056-2013	

ISSN: 1872-2105

eISSN: 2212-4020

Record 18 of 19

Title: (AtCl)-At-211@US-Tube nanocapsules: A new concept in radiotherapeutic-agent design

Author(s): Hartman, KB (Hartman, Keith B.); Hamlin, DK (Hamlin, Donald K.); Wilbur, DS (Wilbur, D. Scott); Wilson, LJ (Wilson, Lon J.)

Source: SMALL **Volume:** 3 **Issue:** 9 **Pages:** 1496-1499 **DOI:** 10.1002/sml.200700153 **Published:** SEP 2007

Accession Number: WOS:000249490800007
PubMed ID: 17668431
ISSN: 1613-6810
eISSN: 1613-6829

Record 19 of 19

Title: Overview of particle production facilities available in the Czech Republic
Author(s): Kugler, A (Kugler, Andrej)
Edited by: Granja C; Leroy C; Stekl I
Source: NUCLEAR PHYSICS METHODS AND ACCELERATORS IN BIOLOGY AND MEDICINE **Book Series:** AIP CONFERENCE PROCEEDINGS **Volume:** 958 **Pages:** 53-55 **Published:** 2007
Accession Number: WOS:000252138700009
Conference Title: 4th International Summer School on Nuclear Physics Methods and Accelerators in Biology and Medicine
Conference Date: JUL 08-19, 2007
Conference Location: Prague, CZECH REPUBLIC
Conference Sponsors: Inst Expt & Appl Phys, Czech Tech Univ Prague Univ Ctr, Joint Inst Nucl Res, Nucl Phys Inst, Acad Sci Czech Republic, Grant Plenipotentiary Czech Republic, Grant Plenipotentiary Slovak Republic, Czech Tech Univ Prague, Adam Mickiewicz Univ, CAS, Nucl Phys Inst, Pfeiffer Vacuum Austria GmbH, Optaglio s r o
ISSN: 0094-243X
ISBN: 978-0-7354-0472-4

Publication No 22 of 132

Title: Mechanism of physiological effects of titanium leaf sprays on plants grown on soil
Author(s): Kuzel, S (Kuzel, S); Hruby, M (Hruby, M); Cigler, P (Cigler, P); Tlustos, P (Tlustos, P); Van, PN (Van, PN)
Source: BIOLOGICAL TRACE ELEMENT RESEARCH **Volume:** 91 **Issue:** 2 **Pages:** 179-189 **DOI:** 10.1385/BTER:91:2:179 **Published:** FEB 2003
Accession Number: WOS:000181599000009
PubMed ID: 12719613

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tlustos, Pavel	L-5312-2019	0000-0003-1274-0658
Hruby, Martin	H-6479-2014	
Cigler, Petr	B-1142-2012	
Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240

ISSN: 0163-4984

Record 1 of 21

Title: Effect of Titanium Dioxide Nanoparticles on Essential Oil Quantity and Quality in Thymus vulgaris under Water Deficit
Author(s): Fazeli-Nasab, B (Fazeli-Nasab, Bahman); Sirousmehr, AR (Sirousmehr, Ali-Reza); Azad, H (Azad, Hamide)
Source: JOURNAL OF MEDICINAL PLANTS AND BY-PRODUCTS-JMPB **Volume:** 7 **Issue:** 2 **Pages:** 125-133 **Published:** WIN-SPR 2018
Accession Number: WOS:000462211700001
ISSN: 2322-1399
eISSN: 2588-3739

Record 2 of 21

Title: Exploring titanium(IV) chemical proximity to iron(III) to elucidate a function for Ti(IV) in the human body
Author(s): Saxena, M (Saxena, Manoj); Loza-Rosas, SA (Loza-Rosas, Sergio A.); Gaur, K (Gaur, Kavita); Sharma, S (Sharma, Shweta); Otero, SCP (Otero, Sofia C. Perez); Tinoco, AD (Tinoco, Arthur D.)
Source: COORDINATION CHEMISTRY REVIEWS **Volume:** 363 **Pages:** 109-125 **DOI:** 10.1016/j.ccr.2018.03.006 **Published:** MAY 15 2018
Accession Number: WOS:000430764400007

PubMed ID: 30270932

ISSN: 0010-8545

eISSN: 1873-3840

Record 3 of 21

Title: TUBER QUALITY OF VERY EARLY POTATO CULTIVARS IN RESPONSE TO TITANIUM FOLIAR APPLICATION

Author(s): Kalinowski, K (Kalinowski, Krzysztof); Wadas, W (Wadas, Wanda); Borysiak-Marciniak, I (Borysiak-Marciniak, Izolda)

Source: ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS **Volume:** 17 **Issue:** 3 **Pages:** 17-28 **DOI:** 10.24326/asphc.2018.3.2 **Published:** 2018

Accession Number: WOS:000436363600002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wadas, Wanda	C-9358-2018	0000-0001-7676-4136

ISSN: 1644-0692

Record 4 of 21

Title: Effect of NPK levels and foliar application of nano TiO₂ concentrations on growth and yield of wheat (*Triticum aestivum*)

Author(s): Satpal (Satpal); Kumar, R (Kumar, Rajeev); Chaudhary, S (Chaudhary, Sumit); Shukla, A (Shukla, Anil)

Source: INDIAN JOURNAL OF AGRICULTURAL SCIENCES **Volume:** 88 **Issue:** 1 **Pages:** 159-162 **Published:** JAN 2018

Accession Number: WOS:000425029200025

ISSN: 0019-5022

Record 5 of 21

Title: Titanium as a Beneficial Element for Crop Production

Author(s): Lyu, SH (Lyu, Shiheng); Wei, XY (Wei, Xiangying); Chen, JJ (Chen, Jianjun); Wang, C (Wang, Cun); Wang, XM (Wang, Xiaoming); Pan, DM (Pan, Dongming)

Source: FRONTIERS IN PLANT SCIENCE **Volume:** 8 **Article Number:** 597 **DOI:** 10.3389/fpls.2017.00597 **Published:** APR 25 2017

Accession Number: WOS:000400043400002

PubMed ID: 28487709

ISSN: 1664-462X

Record 6 of 21

Title: EFFECT OF TITANIUM ON GROWTH OF VERY EARLY-MATURING POTATO CULTIVARS

Author(s): Wadas, W (Wadas, Wanda); Kalinowski, K (Kalinowski, Krzysztof)

Source: ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS **Volume:** 16 **Issue:** 6 **Pages:** 125-138 **DOI:** 10.24326/asphc.2017.6.11 **Published:** 2017

Accession Number: WOS:000426534400011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wadas, Wanda	C-9358-2018	0000-0001-7676-4136

ISSN: 1644-0692

Record 7 of 21

Title: Phenolic acids in *Crithmum maritimum* L. (Apiaceae) after Tytanit fertilization

Author(s): Bartnik, M (Bartnik, Magdalena); Wierchowska-Renke, K (Wierchowska-Renke, Krystyna); Glowinski, P (Glowinski, Pawel); Glowinski, K (Glowinski, Kazimierz)

Source: ACTA SOCIETATIS BOTANICORUM POLONIAE **Volume:** 86 **Issue:** 3 **Article Number:** 3560 **DOI:** 10.5586/asbp.3560 **Published:** 2017

Accession Number: WOS:000422836400006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bartnik, Magdalena	Q-6601-2018	

ISSN: 0001-6977

eISSN: 2083-9480

Record 8 of 21

Title: EFFECT OF TITANIUM APPLICATION ON LETTUCE GROWTH UNDER Mn STRESS

Author(s): Kleiber, T (Kleiber, Tomasz)

Source: JOURNAL OF ELEMENTOLOGY **Volume:** 22 **Issue:** 1 **Pages:** 329-337 **DOI:** 10.5601/jelem.2016.21.2.1120 **Published:**

2017

Accession Number: WOS:000390783900027

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kleiber, Tomasz F	8683-2019	0000-0002-7085-4867

ISSN: 1644-2296

Record 9 of 21

Title: EFFECTS OF FOLIAR APPLICATION OF TITANIUM ON SEED YIELD IN TIMOTHY (*Phleum pratense* L.)

Author(s): Radkowski, A (Radkowski, Adam); Radkowska, I (Radkowska, Iwona); Lemek, T (Lemek, Tadeusz)

Source: ECOLOGICAL CHEMISTRY AND ENGINEERING S-CHEMIA I INŻYNIERIA EKOLOGICZNA S **Volume:** 22 **Issue:** 4 **Pages:** 691-701 **DOI:** 10.1515/eces-2015-0042 **Published:** DEC 2015

Accession Number: WOS:000370246800015

ISSN: 1898-6196

Record 10 of 21

Title: Impact of Foliar Application of Tytanit on Zn, Li, Ni, Cr, Pb, and Cd Contents in Celery Leaves

Author(s): Kalembasa, S (Kalembasa, Stanislaw); Malinowska, E (Malinowska, Elzbieta); Kalembasa, D (Kalembasa, Dorota); Pakula, K (Pakula, Krzysztof); Symanowicz, B (Symanowicz, Barbara); Becher, M (Becher, Marcin); Jaremko, D (Jaremko, Dawid)

Source: POLISH JOURNAL OF ENVIRONMENTAL STUDIES **Volume:** 24 **Issue:** 4 **Pages:** 1621-1631 **Published:** 2015

Accession Number: WOS:000358899400017

ISSN: 1230-1485

eISSN: 2083-5906

Record 11 of 21

Title: Culturable Heavy Metal-Resistant and Plant Growth Promoting Bacteria in V-Ti Magnetite Mine Tailing Soil from Panzhihua, China

Author(s): Yu, XM (Yu, Xiumei); Li, YM (Li, Yanmei); Zhang, C (Zhang, Chu); Liu, HY (Liu, Huiying); Liu, J (Liu, Jin); Zheng, WW (Zheng, Wenwen); Kang, X (Kang, Xia); Leng, XJ (Leng, Xuejun); Zhao, K (Zhao, Ke); Gu, YF (Gu, Yunfu); Zhang, XP (Zhang, Xiaoping); Xiang, QJ (Xiang, Qianju); Chen, Q (Chen, Qiang)

Source: PLOS ONE **Volume:** 9 **Issue:** 9 **Article Number:** e106618 **DOI:** 10.1371/journal.pone.0106618 **Published:** SEP 4 2014

Accession Number: WOS:000341271500063

PubMed ID: 25188470

ISSN: 1932-6203

Record 12 of 21

Title: THE EFFECT OF FOLIC APPLICATION OF MG-TITANIT FERTILIZER ON PHYTOMASS, CHLOROPHYLL PRODUCTION AND THE HARVEST OF WINTER WHEAT

Author(s): Vician, M (Vician, M.); Kovacik, P (P, Kovacik)

Edited by: Skarpa P; Ryant P; Cerkal R; Polak O; Kovarnik J

Source: MENDELNET 2013 **Pages:** 162-168 **Published:** 2013

Accession Number: WOS:000366464800027

Conference Title: 20th International PhD Students Conference

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Conference Location: Mendel Univ, Fac Agron, Brno, CZECH REPUBLIC

Conference Host: Mendel Univ, Fac Agron

ISBN: 978-80-7375-908-7

Record 13 of 21

Title: The Effect of Titanium Amendment in N-Withholding Nutrient Solution on Physiological and Photosynthesis Attributes and Micronutrient Uptake of Tomato

Author(s): Haghighi, M (Haghighi, Maryam); Heidarian, S (Heidarian, Salman); da Silva, JAT (da Silva, Jaime A. Teixeira)

Source: BIOLOGICAL TRACE ELEMENT RESEARCH **Volume:** 150 **Issue:** 1-3 **Pages:** 381-390 **DOI:** 10.1007/s12011-012-9481-y **Published:** DEC 2012

Accession Number: WOS:000312075800054

PubMed ID: 22864688

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Haghighi, Maryam		0000-0002-7590-0359

ISSN: 0163-4984

Record 14 of 21**Title:** Bioinorganic Chemistry of Titanium**Author(s):** Buettner, KM (Buettner, Katherine M.); Valentine, AM (Valentine, Ann M.)**Source:** CHEMICAL REVIEWS **Volume:** 112 **Issue:** 3 **Pages:** 1863-1881 **DOI:** 10.1021/cr1002886 **Published:** MAR 2012**Accession Number:** WOS:000301988700017**PubMed ID:** 22074443**ISSN:** 0009-2665**Record 15 of 21****Title:** Summer 2009 wildfires in Portugal: Emission of trace gases and aerosol composition**Author(s):** Alves, C (Alves, Celia); Vicente, A (Vicente, Ana); Nunes, T (Nunes, Teresa); Goncalves, C (Goncalves, Catia); Fernandes, AP (Fernandes, Ana Patricia); Mirante, F (Mirante, Fatima); Tarelho, L (Tarelho, Luis); de la Campa, AMS (Sanchez de la Campa, Ana M.); Querol, X (Querol, Xavier); Caseiro, A (Caseiro, Alexandre); Monteiro, C (Monteiro, Cristina); Evtyugina, M (Evtyugina, Margarita); Pio, C (Pio, Casimiro)**Source:** ATMOSPHERIC ENVIRONMENT **Volume:** 45 **Issue:** 3 **Pages:** 641-649 **DOI:** 10.1016/j.atmosenv.2010.10.031 **Published:** JAN 2011**Accession Number:** WOS:000287342800011

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Querol, Xavier	E-2800-2014	0000-0002-6549-9899
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Evtyugina, Margarita		0000-0002-5775-7085
Mirante, Fatima		0000-0002-1952-8214

ISSN: 1352-2310**Record 16 of 21****Title:** Interactions between iron and titanium metabolism in spinach: A chlorophyll fluorescence study in hydropony**Author(s):** Cigler, P (Cigler, Petr); Olejnickova, J (Olejnickova, Julie); Hruby, M (Hruby, Martin); Csefalvay, L (Csefalvay, Ladislav); Peterka, J (Peterka, Jiri); Kuzel, S (Kuzel, Stanislav)**Source:** JOURNAL OF PLANT PHYSIOLOGY **Volume:** 167 **Issue:** 18 **Pages:** 1592-1597 **DOI:** 10.1016/j.jplph.2010.06.021 **Published:** 2010**Accession Number:** WOS:000286484000010**PubMed ID:** 20708819

Author Identifiers:

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Olejnickova, Julie	E-3654-2015	
Hruby, Martin	H-6479-2014	
Peterka, Jiri	D-9498-2016	0000-0001-9526-6968
Csefalvay, Ladislav	G-9761-2014	0000-0002-5589-6989
Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240

ISSN: 0176-1617**Record 17 of 21****Title:** Elicitation of Pharmacologically Active Substances in an Intact Medical Plant**Author(s):** Kuzel, S (Kuzel, Stanislav); Vydra, J (Vydra, Jan); Triska, J (Triska, Jan); Vrchotova, N (Vrchotova, Nadezda); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)**Source:** JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY **Volume:** 57 **Issue:** 17 **Pages:** 7907-7911 **DOI:** 10.1021/jf9011246 **Published:** SEP 9 2009**Accession Number:** WOS:000269376000041**PubMed ID:** 19663425

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Triska, Jan H-3094-2014 0000-0003-3846-2158
Vrchotova, Nadezda G-8425-2014
ISSN: 0021-8561
eISSN: 1520-5118

Record 18 of 21

Title: Speciation of water-soluble titanium citrate: Synthesis, structural, spectroscopic properties and biological relevance
Author(s): Deng, YF (Deng, Yuan-Fu); Jiang, YQ (Jiang, Ya-Qi); Hong, QM (Hong, Qi-Ming); Zhou, ZH (Zhou, Zhao-Hui)
Source: POLYHEDRON **Volume:** 26 **Issue:** 8 **Pages:** 1561-1569 **DOI:** 10.1016/j.poly.2006.08.017 **Published:** MAY 21 2007
Accession Number: WOS:000246744600001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Deng, Yuanfu	N-1634-2018	0000-0002-2460-7224
Jiang, YQ	G-4603-2010	
Zhou, ZH	G-4658-2010	

ISSN: 0277-5387

Record 19 of 21

Title: The effect of simultaneous magnesium application on the biological effects of titanium
Author(s): Kuzel, S (Kuzel, S.); Cigler, P (Cigler, P.); Hruby, M (Hruby, M.); Vydra, J (Vydra, J.); Pavlikova, D (Pavlikova, D.); Tlustos, P (Tlustos, P.)
Source: PLANT SOIL AND ENVIRONMENT **Volume:** 53 **Issue:** 1 **Pages:** 16-23 **DOI:** 10.17221/3189-PSE **Published:** JAN 2007
Accession Number: WOS:000254472600003

Author Identifiers:

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Tlustos, Pavel	L-5312-2019	0000-0003-1274-0658
Cigler, Petr	B-1142-2012	

ISSN: 1214-1178

eISSN: 1805-9368

Record 20 of 21

Title: Titanium(IV) citrate speciation and structure under environmentally and biologically relevant conditions
Author(s): Collins, JM (Collins, JM); Uppal, R (Uppal, R); Incarvito, CD (Incarvito, CD); Valentine, AM (Valentine, AM)
Source: INORGANIC CHEMISTRY **Volume:** 44 **Issue:** 10 **Pages:** 3431-3440 **DOI:** 10.1021/ic048158y **Published:** MAY 16 2005
Accession Number: WOS:000229127000013
PubMed ID: 15877423
ISSN: 0020-1669

Record 21 of 21

Title: The role of titanium in biomass production and its influence on essential elements' contents in field growing crops
Author(s): Tlustos, P (Tlustos, P.); Cigler, P (Cigler, P.); Hruby, M (Hruby, M.); Kuzel, S (Kuzel, S.); Szakova, J (Szakova, J.); Balik, J (Balik, J.)
Source: PLANT SOIL AND ENVIRONMENT **Volume:** 51 **Issue:** 1 **Pages:** 19-25 **DOI:** 10.17221/3551-PSE **Published:** 2005
Accession Number: WOS:000207724500003

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Cigler, Petr	B-1142-2012	
Tlustos, Pavel	L-5312-2019	0000-0003-1274-0658

ISSN: 1214-1178

eISSN: 1805-9368

Publication No 23 of 132

Title: pH Sensitive Polymer Nanoparticles: Effect of Hydrophobicity on Self-Assembly

Author(s): Filippov, SK (Filippov, Sergey K.); Starovoytova, L (Starovoytova, Larisa); Konak, C (Konak, Cestmir); Hruby, M (Hruby, Martin); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Stepanek, P (Stepanek, Petr)

Source: LANGMUIR **Volume:** 26 **Issue:** 18 **Pages:** 14450-14457 **DOI:** 10.1021/la1018778 **Published:** SEP 21 2010

Accession Number: WOS:000281690600013

PubMed ID: 20795676

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Author	Web of Science ResearcherID	ORCID Number
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Konak, Cestmir	H-7177-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Starovoytova, Larisa	E-3931-2012	
Mackova, Hana	G-3247-2014	

ISSN: 0743-7463

Record 1 of 20

Title: Collapsed States of a Macromolecule Interacting with an Amphiphilic Substance

Author(s): Larin, DE (Larin, D. E.); Govorun, EN (Govorun, E. N.)

Source: POLYMER SCIENCE SERIES C **Volume:** 60 **Issue:** 1 **Pages:** 63-71 **DOI:** 10.1134/S1811238218010058 **Published:** SEP 2018

Accession Number: WOS:000448218900009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Govorun, Elena	V-8501-2018	0000-0001-9374-0857

ISSN: 1811-2382

eISSN: 1555-614X

Record 2 of 20

Title: Fluorophilic-Lipophilic-Hydrophilic Poly(2-oxazoline) Block Copolymers as MRI Contrast Agents: From Synthesis to Self-Assembly

Author(s): Kabarov, LI (Kabarov, Leonid I.); Verbraeken, B (Verbraeken, Bart); Riabtseva, A (Riabtseva, Anna); Brus, J (Brus, Jiri); Radulescu, A (Radulescu, Aurel); Talmon, Y (Talmon, Yeshayahu); Stepanek, P (Stepanek, Petr); Hoogenboom, R (Hoogenboom, Richard); Filippov, SK (Filippov, Sergey K.)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 15 **Pages:** 6047-6056 **DOI:** 10.1021/acs.macromol.8b00957 **Published:** AUG 14 2018

Accession Number: WOS:000442185700061

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Radulescu, Aurel		0000-0002-6050-0176

ISSN: 0024-9297

eISSN: 1520-5835

Record 3 of 20

Title: Polyelectrolyte pH-Responsive Protein-Containing Nanoparticles: The Physicochemical Supramolecular Approach

Author(s): Riabtseva, A (Riabtseva, Anna); Kabarov, LI (Kabarov, Leonid I.); Kucka, J (Kucka, Jan); Bogomolova, A (Bogomolova, Anna); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 33 **Issue:** 3 **Pages:** 764-772 **DOI:** 10.1021/acs.langmuir.6b03778 **Published:** JAN 24 2017

Accession Number: WOS:000392888600012

PubMed ID: 28045529

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Hruby, Martin	H-6479-2014	
Hruby, Martin		0000-0002-5075-261X

ISSN: 0743-7463

Record 4 of 20

Title: Nature-Inspired Stimuli-Responsive Polymers for Drug Delivery

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Felklova, V (Felklova, Veronika); Stepanek, P (Stepanek, Petr)

Source: CHEMICKE LISTY **Volume:** 109 **Issue:** 7 **Pages:** 482-487 **Published:** JUL 2015

Accession Number: WOS:000360567700002

Author Identifiers:

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Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Record 5 of 20

Title: Enteric Polymer Based on pH-Responsive Aliphatic Polycarbonate Functionalized with Vitamin E To Facilitate Oral Delivery of Tacrolimus

Author(s): Wang, ML (Wang, Menglin); Sun, J (Sun, Jin); Zhai, YL (Zhai, Yinglei); Lian, H (Lian, He); Luo, C (Luo, Cong); Li, L (Li, Lin); Du, YQ (Du, Yuqian); Zhang, D (Zhang, Dong); Ding, WY (Ding, Wenya); Qiu, SH (Qiu, Shuhong); Liu, YH (Liu, Yuhai); Kou, LF (Kou, Longfa); Han, XF (Han, Xiangfei); Xiang, RW (Xiang, Rongwu); Wang, YJ (Wang, Yongjun); He, ZG (He, Zhonggui)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 4 **Pages:** 1179-1190 **DOI:** 10.1021/bm501847u **Published:** APR 2015

Accession Number: WOS:000353006000011

PubMed ID: 25714622

ISSN: 1525-7797

eISSN: 1526-4602

Record 6 of 20

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 7 of 20

Title: Design and regulation about composition of minerals and TiO₂ particles

Author(s): Shen, K (Shen, K.); Ding, H (Ding, H.); Yu, SR (Yu, S. R.); Hou, XF (Hou, X. F.)

Source: MATERIALS RESEARCH INNOVATIONS **Volume:** 19 **Pages:** S246-S251 **DOI:** 10.1179/1432891715Z.0000000001479 **Supplement:** 1 **Published:** APR 2015

Accession Number: WOS:000354957900054

ISSN: 1432-8917

eISSN: 1433-075X

Record 8 of 20

Title: Multi-tunable self-assembled morphologies of stimuli-responsive diblock polyampholyte films on solid substrates

Author(s): Han, X (Han, Xia); Xiong, ZY (Xiong, Zhiying); Zhang, XX (Zhang, Xuxia); Liu, HL (Liu, Honglai)

Source: SOFT MATTER **Volume:** 11 **Issue:** 11 **Pages:** 2139-2146 **DOI:** 10.1039/c5sm00025d **Published:** 2015

Accession Number: WOS:000350698500007

PubMed ID: 25631073

ISSN: 1744-683X

eISSN: 1744-6848

Record 9 of 20

Title: Self-Assembly Thermodynamics of pH-Responsive Amino-Acid-Based Polymers with a Nonionic Surfactant

Author(s): Bogomolova, A (Bogomolova, Anna); Keller, S (Keller, Sandro); Klingler, J (Klingler, Johannes); Sedlak, M (Sedlak, Marian); Rak, D (Rak, Dmytro); Sturcova, A (Sturcova, Adriana); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: LANGMUIR **Volume:** 30 **Issue:** 38 **Pages:** 11307-11318 **DOI:** 10.1021/la5031262 **Published:** SEP 30 2014

Accession Number: WOS:000342607000008

PubMed ID: 25192406

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Sedlak, Marian		0000-0003-2951-2846

ISSN: 0743-7463

Record 10 of 20

Title: Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties

Author(s): Bogomolova, A (Bogomolova, Anna); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Rabyk, M (Rabyk, Maria); Turner, S (Turner, Stuart); Bals, S (Bals, Sara); Steinhart, M (Steinhart, Milos); Zhigunov, A (Zhigunov, Alexander); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY **Volume:** 46 **Pages:** 1690-1698 **DOI:** 10.1107/S0021889813027064 **Part:** 6 **Published:** DEC 2013

Accession Number: WOS:000327070000020

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Rabyk, Mariia	O-4625-2015	
Panek, Jiri	H-7129-2014	
Bogomolova, Anna	O-2982-2016	
Zhigunov, Alexander	C-3924-2012	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	

ISSN: 1600-5767

Record 11 of 20

Title: Hydrolytically Degradable Polymer Micelles for Drug Delivery: A SAXS/SANS Kinetic Study

Author(s): Filippov, SK (Filippov, Sergey K.); Franklin, JM (Franklin, John M.); Konarev, PV (Konarev, Petr V.); Chytil, P (Chytil, Petr); Etrych, T (Etrych, Tomas); Bogomolova, A (Bogomolova, Anna); Dyakonova, M (Dyakonova, Margarita); Papadakis, CM (Papadakis, Christine M.); Radulescu, A (Radulescu, Aurel); Ulbrich, K (Ulbrich, Karel); Stepanek, P (Stepanek, Petr); Svergun, DI (Svergun, Dmitri I.)

Source: BIOMACROMOLECULES **Volume:** 14 **Issue:** 11 **Pages:** 4061-4070 **DOI:** 10.1021/bm401186z **Published:** NOV 2013

Accession Number: WOS:000326955900027

PubMed ID: 24083567

Author Identifiers:

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Bogomolova, Anna	O-2982-2016	
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ISSN: 1525-7797
eISSN: 1526-4602

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Record 12 of 20

Title: Collective polyelectrolyte diffusion as a function of counterion size and dielectric constant

Author(s): Filippov, SK (Filippov, Sergey K.); Seery, TAP (Seery, Thomas A. P.); Kriz, J (Kriz, Jaroslav); Hraby, M (Hraby, Martin); Cernoch, P (Cernoch, Peter); Sedlacek, O (Sedlacek, Ondrej); Kadlec, P (Kadlec, Petr); Panek, J (Panek, Jiri); Stepanek, P (Stepanek, Petr)

Source: POLYMER INTERNATIONAL **Volume:** 62 **Issue:** 9 **Pages:** 1271-1276 **DOI:** 10.1002/pi.4410 **Published:** SEP 2013

Accession Number: WOS:000322580300002

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Cernoch, Peter	H-6988-2014	
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Panek, Jiri	H-7129-2014	

ISSN: 0959-8103

Record 13 of 20

Title: pH-sensitive vesicles, polymeric micelles, and nanospheres prepared with polycarboxylates

Author(s): Felber, AE (Felber, Arnaud E.); Dufresne, MH (Dufresne, Marie-Helene); Leroux, JC (Leroux, Jean-Christophe)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 64 **Issue:** 11 **Pages:** 979-992 **DOI:** 10.1016/j.addr.2011.09.006 **Published:** AUG 2012

Accession Number: WOS:000307689600003

PubMed ID: 21996056

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Leroux, Jean-Christophe	N-4202-2015	0000-0001-5601-1292

ISSN: 0169-409X

Record 14 of 20

Title: Macromolecular HPMA-Based Nanoparticles with Cholesterol for Solid-Tumor Targeting: Detailed Study of the Inner Structure of a Highly Efficient Drug Delivery System

Author(s): Filippov, SK (Filippov, Sergey K.); Chytil, P (Chytil, Petr); Konarev, PV (Konarev, Petr V.); Dyakonova, M (Dyakonova, Margarita); Papadakis, CM (Papadakis, Christine M.); Zhigunov, A (Zhigunov, Alexander); Plestil, J (Plestil, Josef); Stepanek, P (Stepanek, Petr); Etrych, T (Etrych, Tomas); Ulbrich, K (Ulbrich, Karel); Svergun, DI (Svergun, Dmitri I.)

Source: BIOMACROMOLECULES **Volume:** 13 **Issue:** 8 **Pages:** 2594-2604 **DOI:** 10.1021/bm3008555 **Published:** AUG 2012

Accession Number: WOS:000307422300044

PubMed ID: 22793269

Author Identifiers:

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Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Zhigunov, Alexander	C-3924-2012	
Chytil, Petr	G-9853-2014	
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Konarev, Petr	W-1380-2017	
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ISSN: 1525-7797

Record 15 of 20

Title: NMR of liquid crystals and micellar solutions

Author(s): D'Errico, G (D'Errico, Gerardino); Paduano, L (Paduano, Luigi)

Edited by: KamienskaTrela K; Wojcik J

Source: NUCLEAR MAGNETIC RESONANCE, VOL 41 **Book Series:** Nuclear Magnetic Resonance **Volume:** 41 **Pages:** 429-479 **DOI:** 10.1039/9781849734851-00429 **Published:** 2012

Accession Number: WOS:000308311900012

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ISSN: 0305-9804

ISBN: 978-1-84973-485-1

Book DOI: 10.1039/9781849734851

Record 16 of 20

Title: Behavior of polyelectrolyte solutions in a wide range of solvent dielectric constant

Author(s): Filippov, SK (Filippov, Sergey K.); Seery, TAP (Seery, Thomas A. P.); Cernoch, P (Cernoch, Peter); Panek, J (Panek, Jiri); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 47 **Issue:** 7 **Pages:** 1410-1415 **DOI:** 10.1016/j.eurpolymj.2011.05.002 **Published:** JUL 2011

Accession Number: WOS:000293051800007

Author Identifiers:

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Cernoch, Peter	H-6988-2014	

ISSN: 0014-3057

Record 17 of 20

Title: Novel Bolaamphiphilic Pyrimidinophane As Building Block for Design of Nanosized Supramolecular Systems with Concentration-Dependent Structural Behavior

Author(s): Voronin, MA (Voronin, Mikhail A.); Gabdrakhmanov, DR (Gabdrakhmanov, Dinar R.); Semenov, VE (Semenov, Vyacheslav E.); Valeeva, FG (Valeeva, Farida G.); Mikhailov, AS (Mikhailov, Anatoly S.); Nizameev, IR (Nizameev, Irek R.); Kadirov, MK (Kadirov, Marsil K.); Zakharova, LY (Zakharova, Lucia Ya.); Reznik, VS (Reznik, Vladimir S.); Konovalov, AI (Konovalov, Alexander I.)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 3 **Issue:** 2 **Pages:** 402-409 **DOI:** 10.1021/am101000j **Published:** FEB 2011

Accession Number: WOS:000287639400041

PubMed ID: 21261278

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zakharova, Lucia	E-8874-2014	
Reznik, Vladimir	F-5577-2014	
Semenov, Vyacheslav	F-5547-2014	0000-0001-8350-2433
Nizameev, Irek	D-5128-2014	
Konovalov, Alexander	D-4309-2015	

ISSN: 1944-8244

Record 18 of 20

Title: NMR of liquid crystals and micellar solutions

Author(s): D'Errico, G (D'Errico, Gerardino); Paduano, L (Paduano, Luigi)

Edited by: KamienskaTrela K

Source: NUCLEAR MAGNETIC RESONANCE, VOL 40 **Book Series:** Nuclear Magnetic Resonance **Volume:** 40 **Pages:** 432-471 **DOI:** 10.1039/9781849732796-00432 **Published:** 2011

Accession Number: WOS:000295826300011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
PADUANO, Luigi		0000-0002-1105-4237
D'ERRICO, Gerardino		0000-0001-6383-8618

ISSN: 0305-9804

ISBN: 978-1-84973-279-6

Record 19 of 20

Title: pH-Responsive chelating N-heterocyclic dicarbene palladium(II) complexes: recoverable precatalysts for Suzuki-Miyaura reaction in pure water

Author(s): Li, LY (Li, Liuyi); Wang, JY (Wang, Jinyun); Zhou, CS (Zhou, Chunshan); Wang, RH (Wang, Ruihu); Hong, MC (Hong, Maochun)

Source: GREEN CHEMISTRY **Volume:** 13 **Issue:** 8 **Pages:** 2071-2077 **DOI:** 10.1039/c1gc15312a **Published:** 2011

Accession Number: WOS:000293518300022

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Ruihu	B-3399-2012	
Hong, Maochun	B-5906-2013	
Li, Liuyi		0000-0002-3066-2991

ISSN: 1463-9262

Record 20 of 20

Title: Examination and optimization of the self-assembly of biocompatible, polymeric nanoparticles by high-throughput nanoprecipitation

Author(s): Perevyazko, IY (Perevyazko, Igor Y.); Delaney, JT (Delaney, Joseph T., Jr.); Vollrath, A (Vollrath, Antje); Pavlov, GM (Pavlov, Georges M.); Schubert, S (Schubert, Stephanie); Schubert, US (Schubert, Ulrich S.)

Source: SOFT MATTER **Volume:** 7 **Issue:** 10 **Pages:** 5030-5035 **DOI:** 10.1039/c1sm05079f **Published:** 2011

Accession Number: WOS:000290227400059

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pavlov, Georges	K-8194-2013	0000-0001-8897-769X
Perevyazko, Igor	F-3377-2012	0000-0002-4683-6503
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670
Schubert, Stephanie	M-8135-2019	0000-0001-9527-7763
Schubert, Stephanie	E-9649-2010	0000-0001-9527-7763

ISSN: 1744-683X

Publication No 24 of 132

Title: The role of titanium in biomass production and its influence on essential elements' contents in field growing crops

Author(s): Tlustos, P (Tlustos, P.); Cigler, P (Cigler, P.); Hruby, M (Hruby, M.); Kuzel, S (Kuzel, S.); Szakova, J (Szakova, J.); Balik, J (Balik, J.)

Source: PLANT SOIL AND ENVIRONMENT **Volume:** 51 **Issue:** 1 **Pages:** 19-25 **DOI:** 10.17221/3551-PSE **Published:** 2005

Accession Number: WOS:000207724500003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Balik, Jiri	W-9918-2018	0000-0002-9480-8355
Cigler, Petr	B-1142-2012	
Szakova, Jirina	K-6296-2019	0000-0002-3390-6365
Tlustos, Pavel	L-5312-2019	0000-0003-1274-0658
Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240

ISSN: 1214-1178

eISSN: 1805-9368

Record 1 of 20

Title: Comparative Impact Assessment of TiO₂ and ZnO Nanoparticles to Rocket (*Eruca sativa* L) Plant

Author(s): Adiloglu, S (Adiloglu, Sevinc); Solmaz, Y (Solmaz, Yusuf); Cifci, DI (Cifci, Deniz Izlen); Meric, S (Meric, Sureyya)

Edited by: Ahsan A; Ismail AF

Source: NANOTECHNOLOGY IN WATER AND WASTEWATER TREATMENT: THEORY AND APPLICATIONS **Book Series:** Micro & Nano Technologies **Pages:** 115-123 **DOI:** 10.1016/B978-0-12-813902-8.00006-X **Published:** 2019

Accession Number: WOS:000473685000006

ISBN: 978-0-12-813903-5; 978-0-12-813902-8

Book DOI: 10.1016/C2017-0-00526-8

Record 2 of 20

Title: POSSIBILITY OF INCREASING MICRONUTRIENT CONTENTS IN POTATO TUBERS WITH FOLIAR APPLICATION OF TITANIUM

Author(s): Wadas, W (Wadas, W.); Kalinowski, K (Kalinowski, K.)

Source: APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH **Volume:** 17 **Issue:** 2 **Pages:** 3633-3643 **DOI:** 10.15666/aer/1702_36333643 **Published:** 2019

Accession Number: WOS:000462830400143

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wadas, Wanda	C-9358-2018	0000-0001-7676-4136

ISSN: 1589-1623

eISSN: 1785-0037

Record 3 of 20

Title: Nanoparticles and Nanomaterials as Plant Biostimulants

Author(s): Juarez-Maldonado, A (Juarez-Maldonado, Antonio); Ortega-Ortiz, H (Ortega-Ortiz, Hortensia); Morales-Diaz, AB (Berenice Morales-Diaz, America); Gonzalez-Morales, S (Gonzalez-Morales, Susana); Morelos-Moreno, A (Morelos-Moreno, Alvaro); Cabrera-De la Fuente, M (Cabrera-De la Fuente, Marcelino); Sandoval-Rangel, A (Sandoval-Rangel, Alberto); Cadenas-Pliego, G (Cadenas-Pliego, Gregorio); Benavides-Mendoza, A (Benavides-Mendoza, Adalberto)

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES **Volume:** 20 **Issue:** 1 **Article Number:** 162 **DOI:** 10.3390/ijms20010162 **Published:** JAN 1 2019

Accession Number: WOS:000459747700162

PubMed ID: 30621162

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Benavides-Mendoza, Adalberto	R-6213-2017	0000-0002-2729-4315
Juarez-Maldonado, Antonio	Q-4773-2019	
cadenas-pliego, gregorio		0000-0002-2692-4995
Ortega, Hortensia		0000-0002-8869-6385
Juarez-Maldonado, Antonio		0000-0003-3061-2297
Gonzalez-Morales, Susana		0000-0001-5734-6086

ISSN: 1422-0067

Record 4 of 20

Title: Effect of Tytanit (R) on the dry matter and macroelement contents in potato tuber

Author(s): Wadas, W (Wadas, Wanda); Kalinowski, K (Kalinowski, Krzysztof)

Source: JOURNAL OF CENTRAL EUROPEAN AGRICULTURE **Volume:** 19 **Issue:** 3 **Pages:** 557-570 **DOI:** 10.5513/JCEA01/19.3.1996 **Published:** 2018

Accession Number: WOS:000444695400006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wadas, Wanda	C-9358-2018	0000-0001-7676-4136

ISSN: 1332-9049

Record 5 of 20

Title: EFFECT OF APPLICATION OF Mg-TYTANIT STIMULATOR ON WINTER WHEAT YIELDING AND QUANTITATIVE PARAMETERS OF WHEAT STRAW AND GRAIN

Author(s): Kovacik, P (Kovacik, Peter); Wisniowska-Kielian, B (Wisniowska-Kielian, Barbara); Smolen, S (Smolen, Sylwester)

Source: JOURNAL OF ELEMENTOLOGY **Volume:** 23 **Issue:** 2 **Pages:** 697-708 **DOI:** 10.5601/jelem.2017.22.2.1461 **Published:** 2018

Accession Number: WOS:000437430400024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Smolen, Sylwester	S-4081-2019	0000-0001-8093-3801

ISSN: 1644-2296

Record 6 of 20

Title: TUBER QUALITY OF VERY EARLY POTATO CULTIVARS IN RESPONSE TO TITANIUM FOLIAR APPLICATION

Author(s): Kalinowski, K (Kalinowski, Krzysztof); Wadas, W (Wadas, Wanda); Borysiak-Marciniak, I (Borysiak-Marciniak, Izolda)

Source: ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS **Volume:** 17 **Issue:** 3 **Pages:** 17-28 **DOI:** 10.24326/asphc.2018.3.2 **Published:** 2018

Accession Number: WOS:000436363600002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wadas, Wanda	C-9358-2018	0000-0001-7676-4136

ISSN: 1644-0692

Record 7 of 20

Title: Dry dressing of soybean [*Glycine max* (L.) Merrill] cv. CO 3 seeds with near nano size botanicals to improve physiological performance during storage

Author(s): Hridya, VR (Hridya, V. R.); Lakshmi, S (Lakshmi, S.); Ambika, S (Ambika, S.)

Source: LEGUME RESEARCH **Volume:** 40 **Issue:** 6 **Pages:** 1107-1112 **DOI:** 10.18805/LR-3573 **Published:** DEC 2017

Accession Number: WOS:000423970200021

ISSN: 0250-5371

Record 8 of 20

Title: Titanium as a Beneficial Element for Crop Production

Author(s): Lyu, SH (Lyu, Shiheng); Wei, XY (Wei, Xiangying); Chen, JJ (Chen, Jianjun); Wang, C (Wang, Cun); Wang, XM (Wang, Xiaoming); Pan, DM (Pan, Dongming)

Source: FRONTIERS IN PLANT SCIENCE **Volume:** 8 **Article Number:** 597 **DOI:** 10.3389/fpls.2017.00597 **Published:** APR 25 2017

Accession Number: WOS:000400043400002

PubMed ID: 28487709

ISSN: 1664-462X

Record 9 of 20

Title: EFFECT OF TITANIUM ON GROWTH OF VERY EARLY-MATURING POTATO CULTIVARS

Author(s): Wadas, W (Wadas, Wanda); Kalinowski, K (Kalinowski, Krzysztof)

Source: ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS **Volume:** 16 **Issue:** 6 **Pages:** 125-138 **DOI:** 10.24326/asphc.2017.6.11 **Published:** 2017

Accession Number: WOS:000426534400011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wadas, Wanda	C-9358-2018	0000-0001-7676-4136

ISSN: 1644-0692

Record 10 of 20

Title: Phenolic acids in *Crithmum maritimum* L. (Apiaceae) after Tytanit fertilization

Author(s): Bartnik, M (Bartnik, Magdalena); Wierchowska-Renke, K (Wierchowska-Renke, Krystyna); Glowniak, P (Glowniak, Pawel); Glowniak, K (Glowniak, Kazimierz)

Source: ACTA SOCIETATIS BOTANICORUM POLONIAE **Volume:** 86 **Issue:** 3 **Article Number:** 3560 **DOI:** 10.5586/asbp.3560 **Published:** 2017

Accession Number: WOS:000422836400006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bartnik, Magdalena	Q-6601-2018	

ISSN: 0001-6977

eISSN: 2083-9480

Record 11 of 20

Title: EFFECT OF TITANIUM APPLICATION ON LETTUCE GROWTH UNDER Mn STRESS

Author(s): Kleiber, T (Kleiber, Tomasz)

Source: JOURNAL OF ELEMENTOLOGY **Volume:** 22 **Issue:** 1 **Pages:** 329-337 **DOI:** 10.5601/jelem.2016.21.2.1120 **Published:** 2017

Accession Number: WOS:000390783900027

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kleiber, Tomasz	F-8683-2019	0000-0002-7085-4867

ISSN: 1644-2296

Record 12 of 20

Title: Study of agronomic traits of pinto bean (*Phaseolus vulgaris* L.) under nano TiO₂ spraying at various growth stages

Author(s): Ebrahimi, A (Ebrahimi, Ahmad); Galavi, M (Galavi, Mohammad); Ramroudi, M (Ramroudi, Mahmood); Moaveni, P (Moaveni, Payam)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICAL RESEARCH AND ALLIED SCIENCES **Volume:** 5 **Issue:** 2 **Pages:** 458-471 **Published:** 2016

Accession Number: WOS:000416657000017
ISSN: 2277-3657

Record 13 of 20

Title: IMPACT OF FOLIAR APPLICATION OF THE BIOSTIMULATOR Mg-TYTANIT ON THE FORMATION OF WINTER OILSEED RAPE PHYTOMASS AND TITANIUM CONTENT

Author(s): Kovacik, P (Kovacik, Peter); Simansky, V (Simansky, Vladimir); Wierzbowska, J (Wierzbowska, Jadwiga); Renco, M (Renco, Marek)

Source: JOURNAL OF ELEMENTOLOGY **Volume:** 21 **Issue:** 4 **Pages:** 1235-1251 **DOI:** 10.5601/jelem.2016.21.2.1155 **Published:** 2016

Accession Number: WOS:000390779100021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Simansky, Vladimir		0000-0003-3271-6858
Wierzbowska, Jadwiga		0000-0003-2637-2999

ISSN: 1644-2296

Record 14 of 20

Title: EFFECTS OF FOLIAR APPLICATION OF TITANIUM ON SEED YIELD IN TIMOTHY (*Phleum pratense* L.)

Author(s): Radkowski, A (Radkowski, Adam); Radkowska, I (Radkowska, Iwona); Lemek, T (Lemek, Tadeusz)

Source: ECOLOGICAL CHEMISTRY AND ENGINEERING S-CHEMIA I INŻYNIERIA EKOLOGICZNA S **Volume:** 22 **Issue:** 4 **Pages:** 691-701 **DOI:** 10.1515/eces-2015-0042 **Published:** DEC 2015

Accession Number: WOS:000370246800015

ISSN: 1898-6196

Record 15 of 20

Title: Determination of Elemental Composition of Malabar spinach, Lettuce, Spinach, Hyacinth Bean, and Cauliflower Vegetables Using Proton Induced X-Ray Emission Technique at Savar Subdistrict in Bangladesh

Author(s): Fahad, SM (Fahad, S. M.); Islam, AFMM (Islam, A. F. M. Mahmudul); Ahmed, M (Ahmed, Mahiuddin); Uddin, N (Uddin, Nizam); Alam, MR (Alam, Md. Rezaul); Alam, MF (Alam, Md. Ferdous); Khalik, MF (Khalik, Md. Farhan); Hossain, MS (Hossain, Md. Sazzad); Hossain, ML (Hossain, Md. Lokman); Abedin, MJ (Abedin, Md. Joynal)

Source: BIOMED RESEARCH INTERNATIONAL **Article Number:** 128256 **DOI:** 10.1155/2015/128256 **Published:** 2015

Accession Number: WOS:000357785000001

PubMed ID: 26229953

ISSN: 2314-6133

eISSN: 2314-6141

Record 16 of 20

Title: Establishment of Condition and Nanoparticle Factors Influencing Plant Regeneration from Aromatic Rice (*Oryza sativa*)

Author(s): Chutipajit, S (Chutipajit, Sutee)

Source: INTERNATIONAL JOURNAL OF AGRICULTURE AND BIOLOGY **Volume:** 17 **Issue:** 5 **Pages:** 1049-1054 **Published:** 2015

Accession Number: WOS:000361559200027

ISSN: 1560-8530

eISSN: 1814-9596

Record 17 of 20

Title: Functional Analysis of TiO₂ Nanoparticle Toxicity in Three Plant Species

Author(s): Song, U (Song, Uhram); Shin, M (Shin, Minjoo); Lee, G (Lee, Gisuk); Roh, J (Roh, Jinkyu); Kim, Y (Kim, Younghun); Lee, EJ (Lee, Eun Ju)

Source: BIOLOGICAL TRACE ELEMENT RESEARCH **Volume:** 155 **Issue:** 1 **Pages:** 93-103 **DOI:** 10.1007/s12011-013-9765-x **Published:** OCT 2013

Accession Number: WOS:000324074600012

PubMed ID: 23900645

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Song, Uhram	L-5279-2019	

ISSN: 0163-4984

eISSN: 1559-0720

Record 18 of 20

Title: THE EFFECT OF FOLIC APPLICATION OF MG-TITANIT FERTILIZER ON PHYTOMASS, CHLOROPHYLL PRODUCTION AND THE HARVEST OF WINTER WHEAT

Author(s): Vician, M (Vician, M.); Kovacik, P (P, Kovacik)

Edited by: Skarpa P; Ryant P; Cerkal R; Polak O; Kovarnik J

Source: MENDELNET 2013 **Pages:** 162-168 **Published:** 2013

Accession Number: WOS:000366464800027

Conference Title: 20th International PhD Students Conference

Conference Date: NOV 20-21, 2013

Conference Location: Mendel Univ, Fac Agron, Brno, CZECH REPUBLIC

Conference Host: Mendel Univ, Fac Agron

ISBN: 978-80-7375-908-7

Record 19 of 20

Title: Elicitation of Pharmacologically Active Substances in an Intact Medical Plant

Author(s): Kuzel, S (Kuzel, Stanislav); Vydra, J (Vydra, Jan); Triska, J (Triska, Jan); Vrchotova, N (Vrchotova, Nadezda); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)

Source: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY **Volume:** 57 **Issue:** 17 **Pages:** 7907-7911 **DOI:** 10.1021/jf9011246 **Published:** SEP 9 2009

Accession Number: WOS:000269376000041

PubMed ID: 19663425

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Cigler, Petr	B-1142-2012	
Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240
Triska, Jan	H-3094-2014	0000-0003-3846-2158
Vrchotova, Nadezda	G-8425-2014	

ISSN: 0021-8561

eISSN: 1520-5118

Record 20 of 20

Title: The effect of simultaneous magnesium application on the biological effects of titanium

Author(s): Kuzel, S (Kuzel, S.); Cigler, P (Cigler, P.); Hruby, M (Hruby, M.); Vydra, J (Vydra, J.); Pavlikova, D (Pavlikova, D.); Tlustos, P (Tlustos, P.)

Source: PLANT SOIL AND ENVIRONMENT **Volume:** 53 **Issue:** 1 **Pages:** 16-23 **DOI:** 10.17221/3189-PSE **Published:** JAN 2007

Accession Number: WOS:000254472600003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Pavlikova, Daniela	V-4971-2018	0000-0003-3341-5053
Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240
Tlustos, Pavel	L-5312-2019	0000-0003-1274-0658
Cigler, Petr	B-1142-2012	

ISSN: 1214-1178

eISSN: 1805-9368

Publication No 25 of 132

Title: Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Cernoch, P (Cernoch, Peter); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Stepanek, P (Stepanek, Petr); Vetrik, M (Vetrik, Miroslav); Lodge, TP (Lodge, Timothy P.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 32 **Issue:** 24 **Pages:** 6115-6122 **DOI:** 10.1021/acs.langmuir.6b01527 **Published:** JUN 21 2016

Accession Number: WOS:000378470000013

PubMed ID: 27238593

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891

ISSN: 0743-7463

Record 1 of 19

Title: Thin films of PS/PS-b-pnipam and ps/pnipam polymer blends with tunable wettability

Author(s): Kanidi, M (Kanidi, Maria); Papagiannopoulos, A (Papagiannopoulos, Aristeidis); Skandalis, A (Skandalis, Athanasios); Kandyla, M (Kandyla, Maria); Pispas, S (Pispas, Stergios)

Source: JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS **Volume:** 57 **Issue:** 11 **Pages:** 670-679 **DOI:** 10.1002/polb.24822 **Published:** JUN 1 2019

Accession Number: WOS:000467744600003

ISSN: 0887-6266

eISSN: 1099-0488

Record 2 of 19

Title: Hybrid kappa-carrageenan-based polymers showing "schizophrenic" lower and upper critical solution temperatures and potassium responsiveness

Author(s): Loukotova, L (Loukotova, L.); Bogomolova, A (Bogomolova, A.); Konefal, R (Konefal, R.); Spirkova, M (Spirkova, M.); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: CARBOHYDRATE POLYMERS **Volume:** 210 **Pages:** 26-37 **DOI:** 10.1016/j.carbp.2019.01.050 **Published:** APR 15 2019

Accession Number: WOS:000457707300004

PubMed ID: 30732762

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Hruby, Martin	H-6479-2014	
Bogomolova, Anna	O-2982-2016	
Spirkova, Milena	H-4609-2014	
Loukotova, Lenka	K-3599-2017	

ISSN: 0144-8617

eISSN: 1879-1344

Record 3 of 19

Title: Temperature Driven Transformation in Dextran-Graft-PNIPAM/Embedded Silver Nanoparticle Hybrid System

Author(s): Chumachenko, V (Chumachenko, V.); Kutsevol, N (Kutsevol, N.); Harahuts, I (Harahuts, Iu); Soloviov, D (Soloviov, D.); Bulavin, L (Bulavin, L.); Yeshchenko, O (Yeshchenko, O.); Naumenko, A (Naumenko, A.); Nadtoka, O (Nadtoka, O.); Marinin, A (Marinin, A.)

Source: INTERNATIONAL JOURNAL OF POLYMER SCIENCE **Article Number:** 3765614 **DOI:** 10.1155/2019/3765614 **Published:** 2019

Accession Number: WOS:000472858600001

ISSN: 1687-9422

eISSN: 1687-9430

Record 4 of 19

Title: New Insights into Folding Kinetics of alpha, omega Dye-Functionalized Poly(N-isopropylacrylamide)

Author(s): Wang, XY (Wang, Xiao-yan); Fan, HY (Fan, Hai-yan); Ye, XD (Ye, Xiao-dong); Liu, SL (Liu, Shi-lin); Zhang, GZ (Zhang, Guang-zhao)

Source: CHINESE JOURNAL OF CHEMICAL PHYSICS **Volume:** 31 **Issue:** 6 **Pages:** 789-798 **DOI:** 10.1063/1674-0068/31/cjcp1804070 **Published:** DEC 2018

Accession Number: WOS:000455960700010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ye, Xiaodong	A-6983-2010	0000-0003-2143-1726
Liu, Shilin	F-1997-2010	0000-0002-3704-3798

ISSN: 1674-0068

eISSN: 1003-7713

Record 5 of 19

Title: Thermosensitive poly(N-vinylcaprolactam) as a transmission light regulator in smart windows

Author(s): Sala, RL (Sala, Renata L.); Goncalves, RH (Goncalves, Ricardo H.); Camargo, ER (Camargo, Emerson R.); Leite, ER (Leite, Edson R.)

Source: SOLAR ENERGY MATERIALS AND SOLAR CELLS **Volume:** 186 **Pages:** 266-272 **DOI:** 10.1016/j.solmat.2018.06.037 **Published:** NOV 2018

Accession Number: WOS:000441491100033

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
FAPESP, CDMF		0000-0002-4464-0937

ISSN: 0927-0248

eISSN: 1879-3398

Record 6 of 19

Title: Enhanced Delivery of Radiolabeled Polyoxazoline into Tumors via Self-Aggregation under Hyperthermic Conditions

Author(s): Sano, K (Sano, Kohei); Kanada, Y (Kanada, Yuko); Takahashi, K (Takahashi, Katsushi); Ding, N (Ding, Ning); Kanazaki, K (Kanazaki, Kengo); Mukai, T (Mukai, Takahiro); Ono, M (Ono, Masahiro); Saji, H (Saji, Hideo)

Source: MOLECULAR PHARMACEUTICS **Volume:** 15 **Issue:** 9 **Pages:** 3997-4003 **DOI:** 10.1021/acs.molpharmaceut.8b00441 **Published:** SEP 2018

Accession Number: WOS:000443923800039

PubMed ID: 30036483

ISSN: 1543-8384

Record 7 of 19

Title: Self-Assembled Thermoresponsive Polymeric Nanogels for F-19 MR Imaging

Author(s): Kolouchova, K (Kolouchova, Kristyna); Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Babuka, D (Babuka, David); Blahut, J (Blahut, Jan); Kotek, J (Kotek, Jan); Vit, M (Vit, Martin); Trousil, J (Trousil, Jiri); Konefal, R (Konefal, Rafal); Janouskova, O (Janouskova, Olga); Podhorska, B (Podhorska, Bohumila); Slouf, M (Slouf, Miroslav); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 8 **Pages:** 3515-3524 **DOI:** 10.1021/acs.biomac.8b00812 **Published:** AUG 2018

Accession Number: WOS:000441852400034

PubMed ID: 30011367

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247
Blahut, Jan	B-2073-2017	0000-0001-7752-8370
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Hruby, Martin	H-6479-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Kotek, Jan	B-1157-2017	0000-0003-1777-729X

ISSN: 1525-7797

eISSN: 1526-4602

Record 8 of 19

Title: Influence of additives on thermoresponsive polymers in aqueous media: a case study of poly(N-isopropylacrylamide)

Author(s): Umapathi, R (Umapathi, Reddicherla); Reddy, PM (Reddy, P. Madhusudhana); Rani, A (Rani, Anjeeta); Venkatesu, P (Venkatesu, Pannuru)

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS **Volume:** 20 **Issue:** 15 **Pages:** 9717-9744 **DOI:** 10.1039/c7cp08172c **Published:** APR 21 2018

Accession Number: WOS:000430537600002

PubMed ID: 29620096

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Reddicherla, Umapathi	C-4148-2018	0000-0001-8071-5345

ISSN: 1463-9076

eISSN: 1463-9084

Record 9 of 19

Title: The Choice of Biocompatible Polymer: Physico-Chemical Properties as the Key Factor to Be Considered

Author(s): Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 517-521 **Published:** 2018

Accession Number: WOS:000441289700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Panek, Jiri	H-7129-2014	
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Hruby, Martin	H-6479-2014	
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ISSN: 0009-2770

eISSN: 1213-7103

Record 10 of 19

Title: Thermoresponsive beta-glucan-based polymers for bimodal immunoradiotherapy - Are they able to promote the immune system?

Author(s): Loukotova, L (Loukotova, Lenka); Kucka, J (Kucka, Jan); Rabyk, M (Rabyk, Mariia); Hocherl, A (Hocherl, Anita); Venclikova, K (Venclikova, Kristyna); Janouskova, O (Janouskova, Olga); Paral, P (Paral, Petr); Kolarova, V (Kolarova, Vera); Heizer, T (Heizer, Tomas); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 268 **Pages:** 78-91 **DOI:** 10.1016/j.jconrel.2017.10.010 **Published:** DEC 28 2017

Accession Number: WOS:000417329800008

PubMed ID: 29031896

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
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Rabyk, Mariia	O-4625-2015	
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Kucka, Jan	G-7884-2014	
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Sefc, Ludek	J-1848-2014	0000-0003-2846-220X
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Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
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Loukotova, Lenka	K-3599-2017	
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Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
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Hruby, Martin	H-6479-2014	
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Hocherl, Anita	G-6222-2014	
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0000-0001-5124-0926

0000-0003-3391-3546

ISSN: 0168-3659

eISSN: 1873-4995

Record 11 of 19

Title: Achieving antimicrobial activity through poly(N-methylvinylimidazolium) iodide brushes on binary-grafted polypropylene suture threads

Author(s): Lopez-Saucedo, F (Lopez-Saucedo, F.); Flores-Rojas, GG (Flores-Rojas, G. G.); Bucio, E (Bucio, E.); Alvarez-Lorenzo, C (Alvarez-Lorenzo, C.); Concheiro, A (Concheiro, A.); Gonzalez-Antonio, O (Gonzalez-Antonio, O.)

Source: MRS COMMUNICATIONS **Volume:** 7 **Issue:** 4 **Pages:** 938-946 **DOI:** 10.1557/mrc.2017.121 **Published:** DEC 2017

Accession Number: WOS:000418852000026

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Lopez-Saucedo, Felipe		0000-0003-2806-0657
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Gonzalez-Antonio, Oscar		0000-0002-6592-1017
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ISSN: 2159-6859

eISSN: 2159-6867

Record 12 of 19

Title: Responsive polymeric nanoparticles for controlled drug delivery

Author(s): Neumann, K (Neumann, Kevin); Lilienkampf, A (Lilienkampf, Annamaria); Bradley, M (Bradley, Mark)

Source: POLYMER INTERNATIONAL **Volume:** 66 **Issue:** 12 **Pages:** 1756-1764 **DOI:** 10.1002/pi.5471 **Published:** DEC 2017

Accession Number: WOS:000415357400010

Conference Title: 9th ECNP International Conference on Nanostructured Polymers and Nanocomposites

Conference Date: SEP 19-21, 2016

Conference Location: Rome, ITALY

Conference Sponsors: European Ctr Nanostructured Polymers

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Neumann, Kevin		0000-0002-6683-0774
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ISSN: 0959-8103

Record 13 of 19

Title: Thermoresponsive behavior of block copolymers of PEO and PNIPAm with different architecture in aqueous solutions: A study by NMR, FTIR, DSC and quantum-chemical calculations

Author(s): Spevacek, J (Spevacek, Jiri); Konefal, R (Konefal, Rafal); Dybal, J (Dybal, Jiri); Cadova, E (Cadova, Eva); Kovarova, J (Kovarova, Jana)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 94 **Pages:** 471-483 **DOI:** 10.1016/j.eurpolymj.2017.07.034 **Published:** SEP 2017

Accession Number: WOS:000411546400041

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Dybal, Jiri	A-8290-2008	0000-0002-9148-3655
Spevacek, Jiri	H-2076-2014	0000-0002-1455-3488
Kovarova, Jana	H-1992-2014	

ISSN: 0014-3057

eISSN: 1873-1945

Record 14 of 19

Title: Multi-scale characterization of thermoresponsive dendritic elastin-like peptides

Author(s): Zhou, M (Zhou, Mingjun); Shmidov, Y (Shmidov, Yulia); Matson, JB (Matson, John B.); Bitton, R (Bitton, Ronit)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 153 **Pages:** 141-151 **DOI:** 10.1016/j.colsurfb.2017.02.014 **Published:** MAY 1 2017

Accession Number: WOS:000400211100018

PubMed ID: 28236790

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Matson, John B	B-8347-2012	0000-0001-7984-5396
Bitton, Ronit		0000-0001-9601-9926

ISSN: 0927-7765

eISSN: 1873-4367

Record 15 of 19

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Nadar, Robin	E-1828-2016	
Stephan, Holger	F-9789-2014	0000-0002-2972-2803
Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 16 of 19

Title: The effect of ionizing radiation on biocompatible polymers: From sterilization to radiolysis and hydrogel formation

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Monnery, BD (Monnery, Bryn D.); Slouf, M (Slouf, Miroslav); Vetrik, M (Vetrik, Miroslav); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 137 **Pages:** 1-10 **DOI:** 10.1016/j.polymdegradstab.2017.01.005 **Published:** MAR 2017

Accession Number: WOS:000396948100001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Kucka, Jan	G-7884-2014	
Monnery, Bryn		0000-0001-5691-5451

ISSN: 0141-3910
eISSN: 1873-2321

Record 17 of 19

Title: Thermoresponsive poly(2-oxazoline)s, polypeptoids, and polypeptides

Author(s): Hoogenboom, R (Hoogenboom, Richard); Schlaad, H (Schlaad, Helmut)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 1 **Pages:** 24-40 **DOI:** 10.1039/c6py01320a **Published:** JAN 7 2017

Accession Number: WOS:000391732800003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard B	8977-2008	0000-0001-7398-2058

ISSN: 1759-9954

eISSN: 1759-9962

Record 18 of 19

Title: Synthesis and characterization of thermosensitive poly(N-vinylcaprolactam)-g-collagen

Author(s): Durkut, S (Durtkut, Serap); Elcin, YM (Elcin, Yasar Murat)

Source: ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY **Volume:** 45 **Issue:** 8 **Pages:** 1665-1674 **DOI:** 10.1080/21691401.2016.1276925 **Published:** 2017

Accession Number: WOS:000415936900024

PubMed ID: 28078915

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Elcin, Yasar Murat O	2435-2019	0000-0003-1037-0825

ISSN: 2169-1401

eISSN: 2169-141X

Record 19 of 19

Title: New endeavours involving the cooperative behaviour of TMAO and urea towards the globular state of poly(N-isopropylacrylamide)

Author(s): Narang, P (Narang, Payal); Venkatesu, P (Venkatesu, Pannuru)

Source: RSC ADVANCES **Volume:** 7 **Issue:** 54 **Pages:** 34023-34033 **DOI:** 10.1039/c7ra05120d **Published:** 2017

Accession Number: WOS:000405279100041

ISSN: 2046-2069

Publication No 26 of 132

Title: Treating spinal cord injury in rats with a combination of human fetal neural stem cells and hydrogels modified with serotonin

Author(s): Ruzicka, J (Ruzicka, Jiri); Romanyuk, N (Romanyuk, Nataliya); Hejcl, A (Hejcl, Ales); Vetrik, M (Vetrik, Miroslav); Hruby, M (Hruby, Martin); Cocks, G (Cocks, Graham); Cihlar, J (Cihlar, Jiri); Pradny, M (Pradny, Martin); Price, J (Price, Jack); Sykova, E (Sykova, Eva); Jendelova, P (Jendelova, Pavia)

Source: ACTA NEUROBIOLOGIAE EXPERIMENTALIS **Volume:** 73 **Issue:** 1 **Pages:** 102-115 **Published:** 2013

Accession Number: WOS:000318197900008

PubMed ID: 23595287

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Price, Jack	G-9510-2011	
Romanyuk, Nataliya	H-2750-2014	
Hruby, Martin	H-6479-2014	

Romanyuk, Nataliya	P-3001-2019	
Jendelova, Pavla	H-2516-2014	0000-0002-4644-9212
Sykova, Eva	H-2659-2014	
Vetrik, Miroslav	G-3495-2014	
Pradny, Martin	H-8496-2014	
Price, Jack		0000-0003-2235-9180

ISSN: 0065-1400

Record 1 of 19

Title: The Effect of iPS-Derived Neural Progenitors Seeded on Laminin-Coated pHEMA-MOETACI Hydrogel with Dual Porosity in a Rat Model of Chronic Spinal Cord Injury

Author(s): Ruzicka, J (Ruzicka, Jiri); Romanyuk, N (Romanyuk, Nataliya); Jirakova, K (Jirakova, Klara); Hejcl, A (Hejcl, Ales); Janouskova, O (Janouskova, Olga); Machova, LU (Machova, Lucia Urdzikova); Bochin, M (Bochin, Marcel); Pradny, M (Pradny, Martin); Vargova, L (Vargova, Lydia); Jendelova, P (Jendelova, Pavla)

Source: CELL TRANSPLANTATION **Volume:** 28 **Issue:** 4 **Special Issue:** SI **Pages:** 400-412 **DOI:** 10.1177/0963689718823705 **Published:** APR 2019

Accession Number: WOS:000476672400005

PubMed ID: 30654639

ISSN: 0963-6897

eISSN: 1555-3892

Record 2 of 19

Title: Internal decompression of the acutely contused spinal cord: Differential effects of irrigation only versus biodegradable scaffold implantation

Author(s): Guest, JD (Guest, James D.); Moore, SW (Moore, Simon W.); Aimetti, AA (Aimetti, Alex A.); Kutikov, AB (Kutikov, Artem B.); Santamaria, AJ (Santamaria, Andrea J.); Hofstetter, CP (Hofstetter, Christoph P.); Ropper, AE (Ropper, Alexander E.); Theodore, N (Theodore, Nicholas); Ulich, TR (Ulich, Thomas R.); Layer, RT (Layer, Richard T.)

Source: BIOMATERIALS **Volume:** 185 **Pages:** 284-300 **DOI:** 10.1016/j.biomaterials.2018.09.025 **Published:** DEC 2018

Accession Number: WOS:000448494500022

PubMed ID: 30265898

ISSN: 0142-9612

eISSN: 1878-5905

Record 3 of 19

Title: Dynamics of tissue ingrowth in SIKVAV-modified highly superporous PHEMA scaffolds with oriented pores after bridging a spinal cord transection

Author(s): Hejcl, A (Hejcl, Ales); Ruzicka, J (Ruzicka, Jiri); Proks, V (Proks, Vladimir); Mackova, H (Mackova, Hana); Kubinova, S (Kubinova, Sarka); Tukmachev, D (Tukmachev, Dmitry); Cihlar, J (Cihlar, Jiri); Horak, D (Horak, Daniel); Jendelova, P (Jendelova, Pavla)

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE **Volume:** 29 **Issue:** 7 **Article Number:** 89 **DOI:** 10.1007/s10856-018-6100-2 **Published:** JUL 2018

Accession Number: WOS:000436341100002

PubMed ID: 29938301

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Proks, Vladimir	C-1642-2013	
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
Hejcl, Ales	H-2858-2014	0000-0002-9206-1980

ISSN: 0957-4530

eISSN: 1573-4838

Record 4 of 19

Title: Nanomaterial applications for neurological diseases and central nervous system injury

Author(s): Huang, LJ (Huang, Lijie); Hu, JN (Hu, Jiangnan); Huang, SW (Huang, Shengwei); Wang, B (Wang, Brian); Siaw-Debrah, F (Siaw-Debrah, Felix); Nyanzu, M (Nyanzu, Mark); Zhang, Y (Zhang, Yu); Zhuge, QC (Zhuge, Qichuan)

Source: PROGRESS IN NEUROBIOLOGY **Volume:** 157 **Special Issue:** SI **Pages:** 29-48 **DOI:** 10.1016/j.pneurobio.2017.07.003 **Published:** OCT 2017

Accession Number: WOS:000412961200003

PubMed ID: 28743465

Conference Title: International Conference on Aging and Disease (ICAD)

Conference Date: NOV 01-02, 2014

Conference Location: Beijing, PEOPLES R CHINA

Conference Sponsors: Int Soc Aging & Dis, Xuanwu Hosp, Beijing Capital Univ, Wenzhou Med Univ, First Affiliated Hosp

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hu, Jiangnan		0000-0002-0112-7578

ISSN: 0301-0082

eISSN: 1873-5118

Record 5 of 19

Title: A Comparative Study of Three Different Types of Stem Cells for Treatment of Rat Spinal Cord Injury

Author(s): Ruzicka, J (Ruzicka, Jiri); Machova-Urdzikova, L (Machova-Urdzikova, Lucia); Gillick, J (Gillick, John); Amemori, T (Amemori, Takashi); Romanyuk, N (Romanyuk, Nataliya); Karova, K (Karova, Kristyna); Zaviskova, K (Zaviskova, Kristyna); Dubisova, J (Dubisova, Jana); Kubinova, S (Kubinova, Sarka); Murali, R (Murali, Raj); Sykova, E (Sykova, Eva); Jhanwar-Uniyal, M (Jhanwar-Uniyal, Meena); Jendelova, P (Jendelova, Pavla)

Source: CELL TRANSPLANTATION **Volume:** 26 **Issue:** 4 **Special Issue:** SI **Pages:** 585-603 **DOI:** 10.3727/096368916X693671 **Published:** 2017

Accession Number: WOS:000400124700006

PubMed ID: 27938489

Conference Title: 23rd Annual Meeting of the American-Society-for-Neural-Therapy-and-Repair (ASNTR)

Conference Date: APR 29-30, 2016

Conference Location: Clearwater, FL

Conference Sponsors: Amer Soc Neural Therapy & Repair

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jendelova, Pavla	H-2516-2014	0000-0002-4644-9212
Romanyuk, Nataliya	P-3001-2019	
Machova Urdzikova, Lucia		0000-0001-7622-5837

ISSN: 0963-6897

eISSN: 1555-3892

Record 6 of 19

Title: Synthetic biomaterials for engineering neural tissue from stem cells

Author(s): Willerth, S (Willerth, Stephanie)

Book Author(s): Willerth, S (Willerth, S)

Source: ENGINEERING NEURAL TISSUE FROM STEM CELLS **Pages:** 127-158 **DOI:** 10.1016/B978-0-12-811385-1.00006-6 **Published:** 2017

Accession Number: WOS:000431201500007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Willerth, Stephanie	S-4754-2019	0000-0002-1665-7723

ISBN: 978-0-12-811386-8; 978-0-12-811385-1

Record 7 of 19

Title: Assessment of Neuroprotective Properties of Melissa officinalis in Combination With Human Umbilical Cord Blood Stem Cells After Spinal Cord Injury

Author(s): Hosseini, SR (Hosseini, Seyed Ruhollah); Kaka, G (Kaka, Gholamreza); Joghataei, MT (Joghataei, Mohammad Taghi); Hooshmandi, M (Hooshmandi, Mehdi); Sadraie, SH (Sadraie, Seyed Homayoon); Yaghoobi, K (Yaghoobi, Kayvan); Mohammadi, A (Mohammadi, Alireza)

Source: ASN Neuro **Volume:** 8 **Issue:** 6 **Article Number:** 1759091416674833 **DOI:** 10.1177/1759091416674833 **Published:** NOV-DEC 2016

Accession Number: WOS:000392926900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mohammadi, Alireza	R-9202-2016	0000-0002-1004-5339
Sadraie, Seyed Homayoon		0000-0001-6955-8035
Joghataei, Mohammad Taghi		0000-0003-0492-8239

ISSN: 1759-0914

Record 8 of 19

Title: Recent advances in synthetic polymer based hydrogels for spinal cord repair

Author(s): Trimaille, T (Trimaille, Thomas); Pertici, V (Pertici, Vincent); Gignes, D (Gignes, Didier)

Source: COMPTES RENDUS CHIMIE **Volume:** 19 **Issue:** 1-2 **Pages:** 157-166 **DOI:** 10.1016/j.crci.2015.03.016 **Published:** JAN-FEB 2016

Accession Number: WOS:000384513400020

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Trimaille, Thomas F-8462-2019

ISSN: 1631-0748

eISSN: 1878-1543

Record 9 of 19

Title: Lavandula angustifolia Extract Improves the Result of Human Umbilical Mesenchymal Wharton's Jelly Stem Cell Transplantation after Contusive Spinal Cord Injury in Wistar Rats

Author(s): Yaghoobi, K (Yaghoobi, Kayvan); Kaka, G (Kaka, Gholamreza); Mansouri, K (Mansouri, Korosh); Davoodi, S (Davoodi, Shaghayegh); Sadraie, SH (Sadraie, Seyed Homayoon); Hosseini, SR (Hosseini, Seyed Ruhollah)

Source: STEM CELLS INTERNATIONAL **Article Number:** 5328689 **DOI:** 10.1155/2016/5328689 **Published:** 2016

Accession Number: WOS:000374017900001

PubMed ID: 27057171

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
yaghoobi, kayvan		0000-0001-7964-5642
Sadraie, Seyed Homayoon		0000-0001-6955-8035

ISSN: 1687-966X

eISSN: 1687-9678

Record 10 of 19

Title: Non Pharmacological Strategies to Promote Spinal Cord Regeneration: A View on Some Individual or Combined Approaches

Author(s): Morales, II (Morales, Ivis-Ibrahim); Toscano-Tejeda, D (Toscano-Tejeda, Diana); Ibarra, A (Ibarra, Antonio)

Source: CURRENT PHARMACEUTICAL DESIGN **Volume:** 22 **Issue:** 6 **Pages:** 720-727 **DOI:** 10.2174/1381612822666151204001103 **Published:** 2016

Accession Number: WOS:000372071300008

PubMed ID: 26635267

ISSN: 1381-6128

eISSN: 1873-4286

Record 11 of 19

Title: New trends in spinal cord tissue engineering

Author(s): Kubinova, S (Kubinova, Sarka)

Source: FUTURE NEUROLOGY **Volume:** 10 **Issue:** 2 **Pages:** 129-145 **DOI:** 10.2217/FNL.14.71 **Published:** MAR 2015

Accession Number: WOS:000218372900008

ISSN: 1479-6708

eISSN: 1748-6971

Record 12 of 19

Title: Experimental Treatment of Spinal Cord Injuries

Author(s): Hejtcl, A (Hejtcl, A.); Jendelova, P (Jendelova, P.); Sames, M (Sames, M.); Sykova, E (Sykova, E.)

Source: CESKA A SLOVENSKA NEUROLOGIE A NEUROCHIRURGIE **Volume:** 78 **Issue:** 4 **Pages:** 377-392 **Published:** 2015

Accession Number: WOS:000359037900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jendelova, Pavla H-2516-2014		0000-0002-4644-9212

ISSN: 1210-7859

eISSN: 1802-4041

Record 13 of 19

Title: The Organotypic Longitudinal Spinal Cord Slice Culture for Stem Cell Study

Author(s): Sypecka, J (Sypecka, Joanna); Koniusz, S (Koniusz, Sylwia); Kawalec, M (Kawalec, Maria); Sarnowska, A (Sarnowska, Anna)

Source: STEM CELLS INTERNATIONAL **Article Number:** 471216 **DOI:** 10.1155/2015/471216 **Published:** 2015

Accession Number: WOS:000349179000001

PubMed ID: 25802530

ISSN: 1687-966X
eISSN: 1687-9678

Record 14 of 19

Title: Biomaterial scaffolds used for the regeneration of spinal cord injury (SCI)
Author(s): Kim, M (Kim, Moonhang); Park, SR (Park, So Ra); Choi, BH (Choi, Byung Hyune)
Source: HISTOLOGY AND HISTOPATHOLOGY **Volume:** 29 **Issue:** 11 **Pages:** 1395-1408 **Published:** NOV 2014
Accession Number: WOS:000343124500004
PubMed ID: 24831814
ISSN: 0213-3911
eISSN: 1699-5848

Record 15 of 19

Title: Nanovector-mediated drug delivery for spinal cord injury treatment
Author(s): Caron, I (Caron, Ilaria); Papa, S (Papa, Simonetta); Rossi, F (Rossi, Filippo); Forloni, G (Forloni, Gianluigi); Veglianesi, P (Veglianesi, Pietro)
Source: WILEY INTERDISCIPLINARY REVIEWS-NANOMEDICINE AND NANOBIO TECHNOLOGY **Volume:** 6 **Issue:** 5 **Pages:** 506-515 **DOI:** 10.1002/wnan.1276 **Published:** SEP-OCT 2014
Accession Number: WOS:000340390600007
PubMed ID: 24845580
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Veglianesi, Pietro	R-1871-2019	0000-0002-0183-9428
Rossi, Filippo	D-3679-2013	0000-0003-2665-120X
Papa, Simonetta		0000-0002-6062-649X

ISSN: 1939-5116
eISSN: 1939-0041

Record 16 of 19

Title: The known-unknowns in spinal cord injury, with emphasis on cell-based therapies - a review with suggestive arenas for research
Author(s): Dedeepiya, VD (Dedeepiya, Vidyasagar Devaprasad); William, JB (William, Justin Benjamin); Parthiban, JKBC (Parthiban, Jutty K. B. C.); Chidambaram, R (Chidambaram, Ranganathan); Balamurugan, M (Balamurugan, Madasamy); Kuroda, S (Kuroda, Satoshi); Iwasaki, M (Iwasaki, Masaru); Preethy, S (Preethy, Senthilkumar); Abraham, SJK (Abraham, Samuel J. K.)
Source: EXPERT OPINION ON BIOLOGICAL THERAPY **Volume:** 14 **Issue:** 5 **Pages:** 617-634 **DOI:** 10.1517/14712598.2014.889676 **Published:** MAY 2014
Accession Number: WOS:000335430500006
PubMed ID: 24660978
ISSN: 1471-2598
eISSN: 1744-7682

Record 17 of 19

Title: The Neuroprotective Effect Exerted by Oligodendroglial Progenitors on Ischemically Impaired Hippocampal Cells
Author(s): Sypecka, J (Sypecka, Joanna); Sarnowska, A (Sarnowska, Anna)
Source: MOLECULAR NEUROBIOLOGY **Volume:** 49 **Issue:** 2 **Pages:** 685-701 **DOI:** 10.1007/s12035-013-8549-9 **Published:** APR 2014
Accession Number: WOS:000332953400006
PubMed ID: 24085562
ISSN: 0893-7648
eISSN: 1559-1182

Record 18 of 19

Title: The combination of mesenchymal stem cells and a bone scaffold in the treatment of vertebral body defects
Author(s): Vanecek, V (Vanecek, Vaclav); Klima, K (Klima, Karel); Kohout, A (Kohout, Ales); Foltan, R (Foltan, Rene); Jirousek, O (Jirousek, Ondrej); Sedy, J (Sedy, Jiri); Stulik, J (Stulik, Jan); Sykova, E (Sykova, Eva); Jendelova, P (Jendelova, Pavla)
Source: EUROPEAN SPINE JOURNAL **Volume:** 22 **Issue:** 12 **Pages:** 2777-2786 **DOI:** 10.1007/s00586-013-2991-2 **Published:** DEC 2013
Accession Number: WOS:000327899100014
PubMed ID: 24013719
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Author	Web of Science ResearcherID	ORCID Number
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Klima, Karel U-7154-2018 0000-0003-2681-0549
ISSN: 0940-6719
eISSN: 1432-0932

Record 19 of 19

Title: Adjusting the Chemical and Physical Properties of Hydrogels Leads to Improved Stem Cell Survival and Tissue Ingrowth in Spinal Cord Injury Reconstruction: A Comparative Study of Four Methacrylate Hydrogels

Author(s): Hejcl, A (Hejcl, Ales); Ruzicka, J (Ruzicka, Jiri); Kapcalova, M (Kapcalova, Miroslava); Turnovcova, K (Turnovcova, Karolina); Krumbholcova, E (Krumbholcova, Eva); Pradny, M (Pradny, Martin); Michalek, J (Michalek, Jiri); Cihlar, J (Cihlar, Jiri); Jendelova, P (Jendelova, Pavla); Sykova, E (Sykova, Eva)

Source: STEM CELLS AND DEVELOPMENT **Volume:** 22 **Issue:** 20 **Pages:** 2794-2805 **DOI:** 10.1089/scd.2012.0616 **Published:** OCT 15 2013

Accession Number: WOS:000325148800010

PubMed ID: 23750454

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Chylikova, Eva	R-1128-2017	
Sykova, Eva	H-2659-2014	

ISSN: 1547-3287

eISSN: 1557-8534

Publication No 27 of 132

Title: Silver-coated monolithic columns for separation in radiopharmaceutical applications

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Svec, F (Svec, Frantisek); Hruby, M (Hruby, Martin)

Source: JOURNAL OF SEPARATION SCIENCE **Volume:** 37 **Issue:** 7 **Pages:** 798-802 **DOI:** 10.1002/jssc.201301325 **Published:** APR 2014

Accession Number: WOS:000333538600008

PubMed ID: 24478196

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 1615-9306

eISSN: 1615-9314

Record 1 of 18

Title: Simultaneous Capillary Liquid Chromatography Determination of Drugs in Pharmaceutical Preparations Using Tunable Platforms of Polymethacrylate Monolithic Columns Modified with Octadecylamine

Author(s): Albekairi, N (Albekairi, Norah); Aqel, A (Aqel, Ahmad); ALOthman, ZA (ALothman, Zeid A.)

Source: CHROMATOGRAPHIA **Volume:** 82 **Issue:** 7 **Pages:** 1003-1015 **DOI:** 10.1007/s10337-019-03739-4 **Published:** JUL 2019

Accession Number: WOS:000472894500002

ISSN: 0009-5893

eISSN: 1612-1112

Record 2 of 18

Title: Silver nanoparticles-coated monolithic column for in-tube solid-phase microextraction of monounsaturated fatty acid methyl esters

Author(s): Jiang, N (Jiang, Nan); Wang, JB (Wang, Jiabin); Li, WB (Li, Wenbang); Xiao, JH (Xiao, Jianhua); Li, JH (Li, Jianhua); Lin, XC (Lin, Xucong); Xie, ZH (Xie, Zenghong); You, LJ (You, Lijun); Zhang, QQ (Zhang, Qiqing)

Source: JOURNAL OF CHROMATOGRAPHY A **Volume:** 1585 **Pages:** 19-26 **DOI:** 10.1016/j.chroma.2018.11.059 **Published:** JAN 25 2019

Accession Number: WOS:000457507100003

PubMed ID: 30502921

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Jiabin		0000-0002-3608-5769

ISSN: 0021-9673

eISSN: 1873-3778

Record 3 of 18

Title: Silver-coated monolithic silica column for separation of trans fatty acids

Author(s): Poskus, V (Poskus, Vilijus); Vickackaite, V (Vickackaite, Vida)

Source: SEPARATION SCIENCE PLUS **Volume:** 1 **Issue:** 11 **Pages:** 738-745 **DOI:** 10.1002/sscp.201800115 **Published:** NOV 2018

Accession Number: WOS:000475438400003

ISSN: 2573-1815

Record 4 of 18

Title: Quinine-modified polymer monolithic column with reversed-phase /strong anion-exchange mixed-mode for pressurized capillary electrochromatography

Author(s): Wang, JB (Wang, Jiabin); Ding, CY (Ding, Changying); Xiao, JH (Xiao, Jianhua); Jia, WC (Jia, Wenchao); Chen, YX (Chen, Yongxuan); Lin, XC (Lin, Xucong); Xie, ZH (Xie, Zenghong)

Source: ELECTROPHORESIS **Volume:** 39 **Issue:** 12 **Pages:** 1504-1511 **DOI:** 10.1002/elps.201800003 **Published:** JUN 2018

Accession Number: WOS:000435778800012

PubMed ID: 29569757

ISSN: 0173-0835

eISSN: 1522-2683

Record 5 of 18

Title: Advancements in the preparation of high-performance liquid chromatographic organic polymer monoliths for the separation of small-molecule drugs

Author(s): Ding, XL (Ding, Xiali); Yang, J (Yang, Jing); Dong, YM (Dong, Yuming)

Source: JOURNAL OF PHARMACEUTICAL ANALYSIS **Volume:** 8 **Issue:** 2 **Pages:** 75-85 **DOI:** 10.1016/j.jpha.2018.02.001 **Published:** APR 2018

Accession Number: WOS:000429904800001

PubMed ID: 29736293

ISSN: 2095-1779

eISSN: 2214-0883

Record 6 of 18

Title: Carbon nanotube-based benzyl polymethacrylate composite monolith as a solid phase extraction adsorbent and a stationary phase material for simultaneous extraction and analysis of polycyclic aromatic hydrocarbon in water

Author(s): Al-Rifai, A (Al-Rifai, Asma'a); Aqel, A (Aqel, Ahmad); Al Wahibi, L (Al Wahibi, Lamyia); ALOthman, ZA (ALothman, Zeid A.); Badjah-Hadj-Ahmed, AY (Badjah-Hadj-Ahmed, Ahmed-Yacine)

Source: JOURNAL OF CHROMATOGRAPHY A **Volume:** 1535 **Pages:** 17-26 **DOI:** 10.1016/j.chroma.2018.01.011 **Published:** FEB 2 2018

Accession Number: WOS:000425074000003

PubMed ID: 29310872

Conference Title: 46th International Symposium on High Performance Liquid Phase Separations and Related Techniques (HPLC)

Conference Date: NOV 05-09, 2017

Conference Location: Juju, SOUTH KOREA

Author Identifiers:

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Aqel, Ahmad		0000-0001-7895-6895

ISSN: 0021-9673

eISSN: 1873-3778

Record 7 of 18

Title: Polymer monoliths with silver nanoparticles-cholesterol conjugate as stationary phases for capillary liquid chromatography

Author(s): Grzywinski, D (Grzywinski, D.); Szumski, M (Szumski, M.); Buszewski, B (Buszewski, B.)

Source: JOURNAL OF CHROMATOGRAPHY A **Volume:** 1526 **Pages:** 93-103 **DOI:** 10.1016/j.chroma.2017.10.039 **Published:** DEC 1 2017

Accession Number: WOS:000415772300010

PubMed ID: 29056273

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Szumski, Michal	E-5564-2014	0000-0003-3129-3072

ISSN: 0021-9673

eISSN: 1873-3778

Record 8 of 18

Title: Diazaresin modified monodisperse porous poly(glycidylmethacrylate-co-divinylbenzene) microspheres as the stationary phase for high performance liquid chromatography

Author(s): Yu, B (Yu, Bing); Zhang, HB (Zhang, Hongbo); Cong, HL (Cong, Hailin); Gu, CT (Gu, Chuantao); Gao, LL (Gao, Lilong); Yang, B (Yang, Bo); Usman, M (Usman, Muhammad)

Source: NEW JOURNAL OF CHEMISTRY **Volume:** 41 **Issue:** 11 **Pages:** 4637-4643 **DOI:** 10.1039/c6nj04001b **Published:** JUN 7 2017

Accession Number: WOS:000402377400044

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gao, Lilong		0000-0001-8385-4754

ISSN: 1144-0546

eISSN: 1369-9261

Record 9 of 18

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 10 of 18

Title: Methacrylate Polymer Monoliths for Separation Applications

Author(s): Groarke, RJ (Groarke, Robert J.); Brabazon, D (Brabazon, Dermot)

Source: MATERIALS **Volume:** 9 **Issue:** 6 **Article Number:** 446 **DOI:** 10.3390/ma9060446 **Published:** JUN 2016

Accession Number: WOS:000378630600045

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brabazon, Dermot	A-4658-2015	0000-0003-3214-6381

ISSN: 1996-1944

Record 11 of 18

Title: Current trends in the development of porous polymer monoliths for the separation of small molecules

Author(s): Urban, J (Urban, Jiri)

Source: JOURNAL OF SEPARATION SCIENCE **Volume:** 39 **Issue:** 1 **Pages:** 51-68 **DOI:** 10.1002/jssc.201501011 **Published:** JAN 2016

Accession Number: WOS:000368876500005

PubMed ID: 26420171

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
Urban, Jiri D-1133-2014 0000-0002-5169-4327
ISSN: 1615-9306
eISSN: 1615-9314

Record 12 of 18

Title: Sorption and desorption studies of radioiodine onto silver chloride via batch equilibration with its aqueous media

Author(s): Mostafa, M (Mostafa, M.); Ramadan, HE (Ramadan, H. E.); El-Amir, MA (El-Amir, M. A.)

Source: JOURNAL OF ENVIRONMENTAL RADIOACTIVITY **Volume:** 150 **Pages:** 9-19 **DOI:** 10.1016/j.jenvrad.2015.07.022 **Published:** DEC 2015

Accession Number: WOS:000364269200002

PubMed ID: 26254720

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
El-Amir, M. A 0000-0001-8104-9858
ISSN: 0265-931X
eISSN: 1879-1700

Record 13 of 18

Title: High-performance liquid chromatography separation of unsaturated organic compounds by a monolithic silica column embedded with silver nanoparticles

Author(s): Zhu, Y (Zhu, Yang); Morisato, K (Morisato, Kei); Hasegawa, G (Hasegawa, George); Moitra, N (Moitra, Nirmalya); Kiyomura, T (Kiyomura, Tsutomu); Kurata, H (Kurata, Hiroki); Kanamori, K (Kanamori, Kazuyoshi); Nakanishi, K (Nakanishi, Kazuki)

Source: JOURNAL OF SEPARATION SCIENCE **Volume:** 38 **Issue:** 16 **Pages:** 2841-2847 **DOI:** 10.1002/jssc.201500444 **Published:** AUG 2015

Accession Number: WOS:000360092700012

PubMed ID: 26097062

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hasegawa, George	A-1653-2014	0000-0003-4546-5197
Nakanishi, Kazuki	A-1814-2012	0000-0002-8069-4780
Kanamori, Kazuyoshi	A-5561-2011	0000-0001-5087-9808

ISSN: 1615-9306
eISSN: 1615-9314

Record 14 of 18

Title: Porous polymer monolithic columns with gold nanoparticles as an intermediate ligand for the separation of proteins in reverse phase-ion exchange mixed mode

Author(s): Terborg, L (Terborg, Lydia); Masini, JC (Masini, Jorge C.); Lin, M (Lin, Michelle); Lipponen, K (Lipponen, Katriina); Riekolla, ML (Riekolla, Marja-Liisa); Svec, F (Svec, Frantisek)

Source: JOURNAL OF ADVANCED RESEARCH **Volume:** 6 **Issue:** 3 **Pages:** 441-448 **DOI:** 10.1016/j.jare.2014.10.004 **Published:** MAY 2015

Accession Number: WOS:000357316500021

PubMed ID: 26257942

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Masini, Jorge Cesar	C-9069-2012	0000-0002-0496-9009

ISSN: 2090-1232
eISSN: 2090-1224

Record 15 of 18

Title: Novel affinity monolithic column modified with cuprous sulfide nanoparticles for the selective enrichment of low-molecular-weight electron-rich analytes

Author(s): Shan, YH (Shan, Yuanhong); Shi, XZ (Shi, Xianzhe); Xu, GW (Xu, Guowang)

Source: JOURNAL OF SEPARATION SCIENCE **Volume:** 38 **Issue:** 6 **Pages:** 982-989 **DOI:** 10.1002/jssc.201400967 **Published:** MAR 2015

Accession Number: WOS:000351598400013

PubMed ID: 25641797

ISSN: 1615-9306
eISSN: 1615-9314

Record 16 of 18

Title: Advances and Recent Trends in the Field of Monolithic Columns for Chromatography

Author(s): Svec, F (Svec, Frantisek); Lv, YQ (Lv, Yongqin)

Source: ANALYTICAL CHEMISTRY **Volume:** 87 **Issue:** 1 **Special Issue:** SI **Pages:** 250-273 **DOI:** 10.1021/ac504059c **Published:** JAN 6 2015

Accession Number: WOS:000347590400017

PubMed ID: 25375665

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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ISSN: 0003-2700

eISSN: 1520-6882

Record 17 of 18

Title: Preparation of a monolith functionalized with zinc oxide nanoparticles and its application in the enrichment of fluoroquinolone antibiotics

Author(s): Liu, D (Liu, Dan); Ma, JT (Ma, Jiutong); Jin, Y (Jin, Yan); Li, XQ (Li, Xiqian); Zhou, XA (Zhou, Xiao); Jia, Q (Jia, Qiong); Zhou, WH (Zhou, Weihong)

Source: JOURNAL OF SEPARATION SCIENCE **Volume:** 38 **Issue:** 1 **Pages:** 134-140 **DOI:** 10.1002/jssc.201400893 **Published:** JAN 2015

Accession Number: WOS:000347306500019

PubMed ID: 25354394

ISSN: 1615-9306

eISSN: 1615-9314

Record 18 of 18

Title: Optimized protocol for the radioiodination of hydrazone-type polymer drug delivery systems

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Hraby, M (Hraby, Martin)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 95 **Pages:** 129-134 **DOI:** 10.1016/j.apradiso.2014.10.016 **Published:** JAN 2015

Accession Number: WOS:000347585200021

PubMed ID: 25464189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hraby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0969-8043

Publication No 28 of 132

Title: Study of Complex Thermosensitive Amphiphilic Polyoxazolines and Their Interaction with Ionic Surfactants. Are Hydrophobic, Thermosensitive, and Hydrophilic Moieties Equally Important?

Author(s): Bogomolova, A (Bogomolova, Anna); Filippov, SK (Filippov, Sergey K.); Starovoytova, L (Starovoytova, Larysa); Angelov, B (Angelov, Borislav); Konarev, P (Konarev, Petr); Sedlacek, O (Sedlacek, Ondrej); Hraby, M (Hraby, Martin); Stepanek, P (Stepanek, Petr)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 118 **Issue:** 18 **Pages:** 4940-4950 **DOI:** 10.1021/jp5011296 **Published:** MAY 8 2014

Accession Number: WOS:000335878000025

PubMed ID: 24745928

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Author	Web of Science ResearcherID	ORCID Number
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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Bogomolova, Anna	O-2982-2016	
Konarev, Petr	W-1380-2017	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 1520-6106

Record 1 of 17

Title: Drug induced micellization into ultra-high capacity and stable curcumin nanoformulations: Physico-chemical characterization and evaluation in 2D and 3D in vitro models

Author(s): Lubtow, MM (Lubtow, Michael M.); Nelke, LC (Nelke, Lena C.); Seifert, J (Seifert, Julia); Kuhnemundt, J (Kuehnemundt, Johanna); Sahay, G (Sahay, Gaurav); Dandekar, G (Dandekar, Gudrun); Nietzer, SL (Nietzer, Sarah L.); Luxenhofer, R (Luxenhofer, Robert)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 303 **Pages:** 162-180 **DOI:** 10.1016/j.jconrel.2019.04.014 **Published:** JUN 10 2019

Accession Number: WOS:000471239600015

PubMed ID: 30981815

Conference Title: 16th International Nanomedicine and Drug Delivery Symposium (NanoDDS)

Conference Date: SEP 21-23, 2018

Conference Location: Portland, OR

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sahay, Gaurav		0000-0003-1071-0500

ISSN: 0168-3659

eISSN: 1873-4995

Record 2 of 17

Title: Behavior of thermoresponsive ionogenic poly(2-isopropyl-2-oxazoline) stars and their mixture in aqueous solutions

Author(s): Amirova, A (Amirova, Alina); Kirila, T (Kirila, Tatyana); Blokhin, A (Blokhin, Alexey); Razina, A (Razina, Alla); Tenkovtsev, A (Tenkovtsev, Andrey); Filippov, A (Filippov, Alexander)

Source: INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION **Volume:** 24 **Issue:** 6 **Pages:** 487-495 **DOI:** 10.1080/1023666X.2019.1603588 **Early Access Date:** APR 2019 **Published:** AUG 18 2019

Accession Number: WOS:000466001700001

Author Identifiers:

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Kirila, Tatyana U.	I-3133-2018	
Blokhin, Aleksei N.	U-4374-2018	0000-0002-2920-9663
Kirila, Tatyana		0000-0002-6198-8599

ISSN: 1023-666X

eISSN: 1563-5341

Record 3 of 17

Title: Poly(2-oxazoline)-Containing Triblock Copolymers: Synthesis and Applications

Author(s): Sahn, M (Sahn, Martin); Weber, C (Weber, Christine); Schubert, US (Schubert, Ulrich S.)

Source: POLYMER REVIEWS **Volume:** 59 **Issue:** 2 **Pages:** 240-279 **DOI:** 10.1080/15583724.2018.1496930 **Published:** APR 3 2019

Accession Number: WOS:000466438000002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

ISSN: 1558-3724

eISSN: 1558-3716

Record 4 of 17

Title: Modern Methods for Studying Polymer Complexes in Aqueous and Organic Solutions

Author(s): Khutoryanskiy, VV (Khutoryanskiy, V. V.); Smyslov, RY (Smyslov, R. Yu.); Yakimansky, AV (Yakimansky, A. V.)

Source: POLYMER SCIENCE SERIES A **Volume:** 60 **Issue:** 5 **Pages:** 553-576 **DOI:** 10.1134/S0965545X18050085 **Published:** SEP 2018

Accession Number: WOS:000443573500001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Smyslov, Ruslan	E-4874-2014	0000-0003-3633-4347
Khutoryanskiy, Vitaliy V.	D-3712-2012	0000-0002-7221-2630

ISSN: 0965-545X
eISSN: 1555-6107

Record 5 of 17

Title: Thermoresponsive poly(2-oxazoline) homopolymers and copolymers in aqueous solutions studied by NMR spectroscopy and dynamic light scattering

Author(s): Konefal, R (Konefal, Rafal); Spevacek, J (Spevacek, Jiri); Cernoch, P (Cernoch, Peter)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 100 **Pages:** 241-252 **DOI:** 10.1016/j.eurpolymj.2018.01.019 **Published:** MAR 2018

Accession Number: WOS:000429760600028

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Cernoch, Peter	H-6988-2014	
Spevacek, Jiri	H-2076-2014	0000-0002-1455-3488

ISSN: 0014-3057
eISSN: 1873-1945

Record 6 of 17

Title: Synthesis and solution properties of a temperature-responsive PNIPAM-b-PDMS-b-PNIPAM triblock copolymer

Author(s): Cook, MT (Cook, Michael T.); Filippov, SK (Filippov, Sergey K.); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 295 **Issue:** 8 **Pages:** 1351-1358 **DOI:** 10.1007/s00396-017-4084-y **Published:** AUG 2017

Accession Number: WOS:000406174700010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Cook, Michael		0000-0002-0772-682X

ISSN: 0303-402X
eISSN: 1435-1536

Record 7 of 17

Title: ABA and BAB Triblock Copolymers Based on 2-Methyl-2-oxazoline and 2-n-Propyl-2-oxazoline: Synthesis and Thermoresponsive Behavior in Water

Author(s): Zahoranova, A (Zahoranova, Anna); Mrlik, M (Mrlik, Miroslav); Tomanova, K (Tomanova, Katarina); Kronek, J (Kronek, Juraj); Luxenhofer, R (Luxenhofer, Robert)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 218 **Issue:** 13 **Article Number:** 1700031 **DOI:** 10.1002/macp.201700031 **Published:** JUL 2017

Accession Number: WOS:000404903000011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Mrlik, Miroslav		0000-0001-6203-6795

ISSN: 1022-1352
eISSN: 1521-3935

Record 8 of 17

Title: Polyelectrolyte pH-Responsive Protein-Containing Nanoparticles: The Physicochemical Supramolecular Approach

Author(s): Riabtsseva, A (Riabtsseva, Anna); Kabarov, LI (Kabarov, Leonid I.); Kucka, J (Kucka, Jan); Bogomolova, A (Bogomolova, Anna); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 33 **Issue:** 3 **Pages:** 764-772 **DOI:** 10.1021/acs.langmuir.6b03778 **Published:** JAN 24 2017

Accession Number: WOS:000392888600012

PubMed ID: 28045529

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Kucka, Jan	G-7884-2014	
Bogomolova, Anna	O-2982-2016	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Hruby, Martin		0000-0002-5075-261X

ISSN: 0743-7463

Record 9 of 17

Title: Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Cernoch, P (Cernoch, Peter); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Stepanek, P (Stepanek, Petr); Vetrik, M (Vetrik, Miroslav); Lodge, TP (Lodge, Timothy P.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 32 **Issue:** 24 **Pages:** 6115-6122 **DOI:** 10.1021/acs.langmuir.6b01527 **Published:** JUN 21 2016

Accession Number: WOS:000378470000013

PubMed ID: 27238593

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891

ISSN: 0743-7463

Record 10 of 17

Title: The effect of arm number and solution concentration on phase separation of thermosensitive poly(2-isopropyl-2-oxazoline) stars in aqueous solutions

Author(s): Amirova, AI (Amirova, Alina I.); Golub, OV (Golub, Olga V.); Kirila, TU (Kirila, Tatyana U.); Razina, AB (Razina, Alla B.); Tenkovtsev, AV (Tenkovtsev, Andrey V.); Filippov, AP (Filippov, Alexander P.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 294 **Issue:** 6 **Pages:** 947-956 **DOI:** 10.1007/s00396-016-3853-3 **Published:** JUN 2016

Accession Number: WOS:000376281200001

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Author	Web of Science ResearcherID	ORCID Number
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Amirova, Alina I.	A-7009-2014	0000-0001-6391-1467
Kirila, Tatyana		0000-0002-6198-8599

ISSN: 0303-402X

eISSN: 1435-1536

Record 11 of 17

Title: Internal Nanoparticle Structure of Temperature-Responsive Self-Assembled PNIPAM-b-PEG-b-PNIPAM Triblock Copolymers in Aqueous Solutions: NMR, SANS, and Light Scattering Studies

Author(s): Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Kabarov, L (Kabarov, Leonid); Velychkivska, N (Velychkivska, Nadiia); Starovoytova, L (Starovoytova, Larisa); Cernochova, Z (Cernochova, Zulfiya); Rogers, SE (Rogers, Sarah E.); Lau, WM (Lau, Wing Man); Khutoryanskiy, VV (Khutoryanskiy, Vitaly V.); Cook, MT (Cook, Michael T.)

Source: LANGMUIR **Volume:** 32 **Issue:** 21 **Pages:** 5314-5323 **DOI:** 10.1021/acs.langmuir.6b00284 **Published:** MAY 31 2016

Accession Number: WOS:000377151300012

PubMed ID: 27159129

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Velychkivska, Nadiia	N-6642-2015	
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Starovoytova, Larisa	E-3931-2012	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Cernochova, Zulfiya	H-6730-2014	
Cook, Michael		0000-0002-0772-682X

Record 12 of 17

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

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Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
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Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

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Record 13 of 17

Title: Inverted polymer fullerene solar cells exceeding 10% efficiency with poly(2-ethyl-2-oxazoline) nanodots on electron-collecting buffer layers

Author(s): Nam, S (Nam, Sungho); Seo, J (Seo, Jooyeok); Woo, S (Woo, Sungho); Kim, WH (Kim, Wook Hyun); Kim, H (Kim, Hwajeong); Bradley, DDC (Bradley, Donal D. C.); Kim, Y (Kim, Youngkyoo)

Source: NATURE COMMUNICATIONS **Volume:** 6 **Article Number:** 8929 **DOI:** 10.1038/ncomms9929 **Published:** DEC 2015

Accession Number: WOS:000367586900001

PubMed ID: 26656447

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Kim, Youngkyoo		0000-0002-9391-2636

ISSN: 2041-1723

Record 14 of 17

Title: Thermoresponsive Polymer Micelles as Potential Nanosized Cancerostatics

Author(s): Laga, R (Laga, Richard); Janouskova, O (Janouskova, Olga); Ulbrich, K (Ulbrich, Karel); Pola, R (Pola, Robert); Blazkova, J (Blazkova, Jana); Filippov, SK (Filippov, Sergey K.); Etrych, T (Etrych, Tomas); Pechar, M (Pechar, Michal)

Source: BIOMACROMOLECULES **Volume:** 16 **Issue:** 8 **Pages:** 2493-2505 **DOI:** 10.1021/acs.biomac.5b00764 **Published:** AUG 2015

Accession Number: WOS:000359499500027

PubMed ID: 26153904

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Author	Web of Science ResearcherID	ORCID Number
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Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Pechar, Michal	G-6423-2014	
Pola, Robert	G-5723-2014	0000-0003-0025-2016
Laga, Richard	G-3627-2014	

ISSN: 1525-7797

eISSN: 1526-4602

Record 15 of 17

Title: NMR of liquid crystals and micellar solutions

Author(s): D'Errico, G (D'Errico, Gerardino); Paduano, L (Paduano, Luigi)

Edited by: KamienskaTrela K

Source: NUCLEAR MAGNETIC RESONANCE: A SPECIALIST PERIODICAL REPORT, VOL 44 **Book Series:** Nuclear Magnetic Resonance **Volume:** 44 **Pages:** 456-506 **DOI:** 10.1039/9781782622758-00456 **Published:** 2015

Accession Number: WOS:000387274000012

Author Identifiers:

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ISSN: 0305-9804

ISBN: 978-1-78262-275-8; 978-1-78262-052-5

Book DOI: 10.1039/9781782622758

Record 16 of 17

Title: Self-organization in water of well-defined amphiphilic poly(vinylacetate)-b-poly(vinyl alcohol) diblock copolymers

Author(s): Muller, J (Muller, Julien); Marchandau, F (Marchandau, Franck); Prelot, B (Prelot, Benedicte); Zajac, J (Zajac, Jerzy); Robin, JJ (Robin, Jean-Jacques); Monge, S (Monge, Sophie)

Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 16 **Pages:** 3063-3073 **DOI:** 10.1039/c5py00091b **Published:** 2015

Accession Number: WOS:000352639700010

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PRELOT, Benedicte	N-9960-2015	0000-0002-9478-6694

ISSN: 1759-9954

eISSN: 1759-9962

Record 17 of 17

Title: Self-Assembly Thermodynamics of pH-Responsive Amino-Acid-Based Polymers with a Nonionic Surfactant

Author(s): Bogomolova, A (Bogomolova, Anna); Keller, S (Keller, Sandro); Klingler, J (Klingler, Johannes); Sedlak, M (Sedlak, Marian); Rak, D (Rak, Dmytro); Sturcova, A (Sturcova, Adriana); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: LANGMUIR **Volume:** 30 **Issue:** 38 **Pages:** 11307-11318 **DOI:** 10.1021/la5031262 **Published:** SEP 30 2014

Accession Number: WOS:000342607000008

PubMed ID: 25192406

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Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Rak, Dmytro		0000-0001-7531-7772
Sedlak, Marian		0000-0003-2951-2846

ISSN: 0743-7463

Publication No 29 of 132

Title: Fine tuning of the pH-dependent drug release rate from polyHPMA-ellipticinium conjugates

Author(s): Sedlacek, O (Sedlacek, Ondrej); Studenovsky, M (Studenovsky, Martin); Vetvicka, D (Vetvicka, David); Ulbrich, K (Ulbrich, Karel); Hruby, M (Hruby, Martin)

Source: BIOORGANIC & MEDICINAL CHEMISTRY **Volume:** 21 **Issue:** 18 **Pages:** 5669-5672 **DOI:** 10.1016/j.bmc.2013.07.038 **Published:** SEP 15 2013

Accession Number: WOS:000323803900002

PubMed ID: 23941688

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Studenovsky, Martin	H-4627-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0968-0896

eISSN: 1464-3391

Record 1 of 16

Title: Ellipticine-loaded apoferritin nanocarrier retains DNA adduct-based cytochrome P450-facilitated toxicity in neuroblastoma cells

Author(s): Indra, R (Indra, Radek); Cerna, T (Cerna, Tereza); Heger, Z (Heger, Zbynek); Hrabeta, J (Hrabeta, Jan); Wilhelm, M (Wilhelm, Marek); Dostalova, S (Dostalova, Simona); Lengalova, A (Lengalova, Alzbeta); Martinkova, M (Martinkova, Marketa); Adam, V (Adam, Vojtech); Eckschlager, T (Eckschlager, Tomas); Schmeiser, HH (Schmeiser, Heinz H.); Arlt, VM (Arlt, Volker M.); Stiborova, M (Stiborova, Marie)

Source: TOXICOLOGY **Volume:** 419 **Pages:** 40-54 **DOI:** 10.1016/j.tox.2019.03.009 **Published:** MAY 1 2019

Accession Number: WOS:000466252800005

PubMed ID: 30914192

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Martinkova, Marketa	E-3748-2012	0000-0002-0865-8785
Wilhelm, Marek	V-9641-2019	0000-0001-5680-9851

ISSN: 0300-483X

Record 2 of 16

Title: SYNTHESIS AND CYTOTOXICITY OF NOVEL BIS-ELLIPTICINES AND BIS-ISOELLIPTICINES

Author(s): Obaza-Nutaitis, JA (Obaza-Nutaitis, Judy A.); Gribble, GW (Gribble, Gordon W.)

Source: HETEROCYCLES **Volume:** 99 **Issue:** 1 **Pages:** 171-187 **DOI:** 10.3987/COM-18-S(F)6 **Published:** APR 1 2019

Accession Number: WOS:000474679300013

ISSN: 0385-5414

eISSN: 1881-0942

Record 3 of 16

Title: Designing Smart Polymer Conjugates for Controlled Release of Payloads

Author(s): Seidi, F (Seidi, Farzad); Jenjob, R (Jenjob, Ratchapol); Crespy, D (Crespy, Daniel)

Source: CHEMICAL REVIEWS **Volume:** 118 **Issue:** 7 **Pages:** 3965-4036 **DOI:** 10.1021/acs.chemrev.8b00006 **Published:** APR 11 2018

Accession Number: WOS:000430156100016

PubMed ID: 29533067

Author Identifiers:

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Crespy, Daniel	E-9262-2010	0000-0002-6023-703X

ISSN: 0009-2665

eISSN: 1520-6890

Record 4 of 16

Title: Polymer nitric oxide donors potentiate the treatment of experimental solid tumours by increasing drug accumulation in the tumour tissue

Author(s): Studenovsky, M (Studenovsky, M.); Sivak, L (Sivak, L.); Sedlacek, O (Sedlacek, O.); Konefal, R (Konefal, R.); Horkova, V (Horkova, V.); Etrych, T (Etrych, T.); Kovar, M (Kovar, M.); Rihova, B (Rihova, B.); Sirova, M (Sirova, M.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 269 **Pages:** 214-224 **DOI:** 10.1016/j.jconrel.2017.11.017 **Published:** JAN 10 2018

Accession Number: WOS:000423760400019

PubMed ID: 29154977

Author Identifiers:

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Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
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Horkova, Veronika		0000-0002-3679-2236

ISSN: 0168-3659

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Record 5 of 16

Title: HPMA Copolymer-Drug Conjugates with Controlled Tumor-Specific Drug Release

Author(s): Chytil, P (Chytil, Petr); Koziolova, E (Koziolova, Eva); Etrych, T (Etrych, Tomas); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 18 **Issue:** 1 **Special Issue:** SI **Article Number:** 1700209 **DOI:** 10.1002/mabi.201700209 **Published:** JAN 2018

Accession Number: WOS:000427446200002

PubMed ID: 28805040

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Ulbrich, Karel	G-5145-2014	
Koziolova, Eva	N-7265-2015	

ISSN: 1616-5187

eISSN: 1616-5195

Record 6 of 16

Title: Release behavior of VAN from four types of CaP-ceramic granules using various loading methods at two different degrees of acidity

Author(s): Faigle, G (Faigle, G.); Bernstein, A (Bernstein, A.); Suedkamp, NP (Suedkamp, N. P.); Mayr, HO (Mayr, H. O.); Peters, F (Peters, F.); Huebner, WD (Huebner, W. D.); Seidenstuecker, M (Seidenstuecker, M.)

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE **Volume:** 29 **Issue:** 1 **Article Number:** 12 **DOI:** 10.1007/s10856-017-6006-4 **Published:** JAN 2018

Accession Number: WOS:000424301800002

PubMed ID: 29285633

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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ISSN: 0957-4530

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Record 7 of 16

Title: Poly(2-ethyl-2-oxazoline) conjugates with doxorubicin for cancer therapy: In vitro and in vivo evaluation and direct comparison to poly [N-(2-hydroxypropyl)methacrylamide] analogues

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Mattova, J (Mattova, Jana); Kucka, J (Kucka, Jan); Panek, J (Panek, Jiri); Janouskova, O (Janouskova, Olga); Hoehlerl, A (Hoehlerl, Anita); Verbraeken, B (Verbraeken, Bart); Vergaelen, M (Vergaelen, Maarten); Zadinova, M (Zadinova, Marie); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: BIOMATERIALS **Volume:** 146 **Pages:** 1-12 **DOI:** 10.1016/j.biomaterials.2017.09.003 **Published:** NOV 2017

Accession Number: WOS:000412958000001

PubMed ID: 28892751

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Hoehlerl, Anita	G-6222-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
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Hruby, Martin	H-6479-2014	
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ISSN: 0142-9612

eISSN: 1878-5905

Record 8 of 16

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

Author Identifiers:

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ISSN: 2192-2640

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Record 9 of 16

Title: The effect of ionizing radiation on biocompatible polymers: From sterilization to radiolysis and hydrogel formation

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Monnery, BD (Monnery, Bryn D.); Slouf, M (Slouf, Miroslav); Vetrik, M (Vetrik, Miroslav); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 137 **Pages:** 1-10 **DOI:**

10.1016/j.polymdegradstab.2017.01.005 **Published:** MAR 2017

Accession Number: WOS:000396948100001

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Vetrik, Miroslav	G-3495-2014	
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Kucka, Jan	G-7884-2014	
Monnery, Bryn		0000-0001-5691-5451

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Record 10 of 16

Title: pH-responsive polymer-drug conjugates: Design and progress

Author(s): Pang, X (Pang, Xin); Jiang, Y (Jiang, Yue); Xiao, QC (Xiao, Qicai); Leung, AW (Leung, Albert Wingnan); Hua, HY (Hua, Heyu); Xu, CS (Xu, Chuanshan)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 222 **Pages:** 116-129 **DOI:** 10.1016/j.jconrel.2015.12.024 **Published:** JAN 28 2016

Accession Number: WOS:000368105300002

PubMed ID: 26704934

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Chuanshan	A-4527-2015	
Leung, Albert	M-3695-2014	

ISSN: 0168-3659

eISSN: 1873-4995

Record 11 of 16

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 12 of 16

Title: Versatile preparation of intracellular-acidity-sensitive oxime-linked polysaccharide-doxorubicin conjugate for malignancy therapeutic

Author(s): Xu, WG (Xu, Weiguo); Ding, JX (Ding, Jianxun); Xiao, CS (Xiao, Chunsheng); Li, LY (Li, Lingyu); Zhuang, XL (Zhuang, Xiuli); Chen, XS (Chen, Xuesi)

Source: BIOMATERIALS **Volume:** 54 **Pages:** 72-86 **DOI:** 10.1016/j.biomaterials.2015.03.021 **Published:** JUN 2015

Accession Number: WOS:000354591200008

PubMed ID: 25907041

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Ding, Jianxun	A-6155-2013	0000-0002-5232-8863

ISSN: 0142-9612
eISSN: 1878-5905

Record 13 of 16

Title: Multi-Responsive Polymer Micelles as Ellipticine Delivery Carriers for Cancer Therapy
Author(s): Studenovsky, M (Studenovsky, Martin); Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Ulbrich, K (Ulbrich, Karel)
Source: ANTICANCER RESEARCH **Volume:** 35 **Issue:** 2 **Pages:** 753-757 **Published:** FEB 2015
Accession Number: WOS:000349598600018
PubMed ID: 25667454

Author Identifiers:

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Studenovsky, Martin	H-4627-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Panek, Jiri	H-7129-2014	

ISSN: 0250-7005
eISSN: 1791-7530

Record 14 of 16

Title: Optimized protocol for the radioiodination of hydrazone-type polymer drug delivery systems
Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin)
Source: APPLIED RADIATION AND ISOTOPES **Volume:** 95 **Pages:** 129-134 **DOI:** 10.1016/j.apradiso.2014.10.016 **Published:** JAN 2015
Accession Number: WOS:000347585200021
PubMed ID: 25464189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0969-8043

Record 15 of 16

Title: Formation of DNA Adducts by Ellipticine and Its Micellar Form in Rats - A Comparative Study
Author(s): Stiborova, M (Stiborova, Marie); Manhartova, Z (Manhartova, Zuzana); Hodek, P (Hodek, Petr); Adam, V (Adam, Vojtech); Kizek, R (Kizek, Rene); Frei, E (Frei, Eva)
Source: SENSORS **Volume:** 14 **Issue:** 12 **Pages:** 22982-22997 **DOI:** 10.3390/s141222982 **Published:** DEC 2014
Accession Number: WOS:000346794300043
PubMed ID: 25479328

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Adam, Vojtech	D-7686-2012	0000-0002-8527-286X
Kizek, Rene		0000-0002-0467-6169

ISSN: 1424-8220

Record 16 of 16

Title: Multistage-targeted pH-responsive polymer conjugate of Auger electron emitter: Optimized design and in vivo activity
Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Mattova, J (Mattova, Jana); Parizek, M (Parizek, Martin); Studenovsky, M (Studenovsky, Martin); Zadinova, M (Zadinova, Marie); Pouckova, P (Pouckova, Pavia); Hruby, M (Hruby, Martin)
Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 63 **Pages:** 216-225 **DOI:** 10.1016/j.ejps.2014.07.012 **Published:** OCT 15 2014
Accession Number: WOS:000343388300026
PubMed ID: 25110352

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Studenovsky, Martin	H-4627-2014	
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Kucka, Jan	G-7884-2014	
Parizek, Martin	G-3114-2014	
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045

ISSN: 0928-0987

eISSN: 1879-0720

Publication No 30 of 132

Title: Thermoresponsive Nanoparticles Based on Poly(2-alkyl-2-Oxazolines) and Pluronic F127

Author(s): Panek, J (Panek, Jiri); Filippov, SK (Filippov, Sergey K.); Hruby, M (Hruby, Martin); Rabyk, M (Rabyk, Maria); Bogomolova, A (Bogomolova, Anna); Kucka, J (Kucka, Jan); Stepanek, P (Stepanek, Petr)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1683-1689 **DOI:** 10.1002/marc.201200254 **Published:** OCT 15 2012

Accession Number: WOS:000309451000009

PubMed ID: 22760921

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Rabyk, Mariia	O-4625-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Bogomolova, Anna	O-2982-2016	

ISSN: 1022-1336

eISSN: 1521-3927

Record 1 of 16

Title: Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update

Author(s): Lorson, T (Lorson, Thomas); Lubtow, MM (Lubtow, Michael M.); Wegener, E (Wegener, Erik); Haider, MS (Haider, Malik S.); Borova, S (Borova, Solomiia); Nahm, D (Nahm, Daniel); Jordan, R (Jordan, Rainer); Sokolski-Papkov, M (Sokolski-Papkov, Marina); Kabanov, AV (Kabanov, Alexander V.); Luxenhofer, R (Luxenhofer, Robert)

Source: BIOMATERIALS **Volume:** 178 **Pages:** 204-280 **DOI:** 10.1016/j.biomaterials.2018.05.022 **Published:** SEP 2018

Accession Number: WOS:000440959000018

PubMed ID: 29945064

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Kabanov, Alexander	N-3356-2013	0000-0002-3665-946X

ISSN: 0142-9612

eISSN: 1878-5905

Record 2 of 16

Title: Exploring the role of polymeric conjugates toward anti-cancer drug delivery: Current trends and future projections

Author(s): Khan, J (Khan, Junaid); Alexander, A (Alexander, Amit); Ajazuddin (Ajazuddin); Saraf, S (Saraf, Swarnlata); Saraf, S (Saraf, Shailendra)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 548 **Issue:** 1 **Pages:** 500-514 **DOI:**

10.1016/j.ijpharm.2018.06.060 **Published:** SEP 2018

Accession Number: WOS:000440552100049

PubMed ID: 29964172

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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ISSN: 0378-5173

eISSN: 1873-3476

Record 3 of 16

Title: Design strategies for physical-stimuli responsive programmable nanotherapeutics

Author(s): Sahle, FF (Sahle, Fitsum Feleke); Gulfam, M (Gulfam, Muhammad); Lowe, TL (Lowe, Tao L.)

Source: DRUG DISCOVERY TODAY **Volume:** 23 **Issue:** 5 **Special Issue:** SI **Pages:** 992-1006 **DOI:** 10.1016/j.drudis.2018.04.003 **Published:** MAY 2018

Accession Number: WOS:000434753100006

PubMed ID: 29653291

ISSN: 1359-6446

eISSN: 1878-5832

Record 4 of 16

Title: Amphiphilic poly(2-oxazoline) copolymers as self-assembled carriers for drug delivery applications

Author(s): Vlasi, E (Vlasi, Eleni); Papagiannopoulos, A (Papagiannopoulos, Aristeidis); Pispas, S (Pispas, Stergios)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 516-523 **DOI:** 10.1016/j.eurpolymj.2016.10.034 **Published:** MAR 2017

Accession Number: WOS:000396952500042

ISSN: 0014-3057

eISSN: 1873-1945

Record 5 of 16

Title: Internal Nanoparticle Structure of Temperature-Responsive Self-Assembled PNIPAM-b-PEG-b-PNIPAM Triblock Copolymers in Aqueous Solutions: NMR, SANS, and Light Scattering Studies

Author(s): Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Kabarov, L (Kabarov, Leonid); Velychivska, N (Velychivska, Nadiia); Starovoytova, L (Starovoytova, Larisa); Cernochova, Z (Cernochova, Zulfiya); Rogers, SE (Rogers, Sarah E.); Lau, WM (Lau, Wing Man); Khutoryanskiy, VV (Khutoryanskiy, Vitaly V.); Cook, MT (Cook, Michael T.)

Source: LANGMUIR **Volume:** 32 **Issue:** 21 **Pages:** 5314-5323 **DOI:** 10.1021/acs.langmuir.6b00284 **Published:** MAY 31 2016

Accession Number: WOS:000377151300012

PubMed ID: 27159129

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Lau, Man	D-1374-2010	0000-0002-2998-6470
Velychivska, Nadiia	N-6642-2015	
Bogomolova, Anna	O-2982-2016	
Starovoytova, Larisa	E-3931-2012	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Cernochova, Zulfiya	H-6730-2014	
Cook, Michael		0000-0002-0772-682X

ISSN: 0743-7463

Record 6 of 16

Title: Tuning of Polymeric Nanoparticles by Coassembly of Thermoresponsive Polymers and a Double Hydrophilic Thermoresponsive Block Copolymer

Author(s): Zhang, QL (Zhang, Qilu); Voorhaar, L (Voorhaar, Lenny); Filippov, SK (Filippov, Sergey K.); Yesil, BF (Yesil, Berin Fatma); Hoogenboom, R (Hoogenboom, Richard)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 120 **Issue:** 20 **Pages:** 4635-4643 **DOI:** 10.1021/acs.jpcc.6b03414 **Published:** MAY 26 2016

Accession Number: WOS:000376841300012

PubMed ID: 27144970

Author Identifiers:

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Filippov, Sergey B-8438-2009 0000-0002-4253-5076
Voorhaar, Lenny 0000-0002-4741-9381
ISSN: 1520-6106

Record 7 of 16

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements
Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)
Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016
Accession Number: WOS:000386686800005
PubMed ID: 27762585
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
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Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408
eISSN: 1802-9973

Record 8 of 16

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?
Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)
Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015
Accession Number: WOS:000353076900007
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057
eISSN: 1873-1945

Record 9 of 16

Title: Glycogen-graft-poly(2-alkyl-2-oxazolines) - the new versatile biopolymer-based thermoresponsive macromolecular toolbox
Author(s): Pospisilova, A (Pospisilova, Aneta); Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Turner, S (Turner, Stuart); Sedlacek, O (Sedlacek, Ondrej); Matushkin, N (Matushkin, Nikolai); Cernochova, Z (Cernochova, Zulfia); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)
Source: RSC ADVANCES **Volume:** 4 **Issue:** 106 **Pages:** 61580-61588 **DOI:** 10.1039/c4ra10315g **Published:** 2014
Accession Number: WOS:000345656600045
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Bogomolova, Anna	O-2982-2016	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 2046-2069

Record 10 of 16

Title: A new strategy to prepare thermo-responsive multicompartiment nanoparticles constructed with two diblock copolymers
Author(s): He, X (He, Xin); Li, QL (Li, Quanlong); Shi, PF (Shi, Pengfei); Cui, YL (Cui, Yongliang); Li, ST (Li, Shentong); Zhang, WQ (Zhang, Wangqing)
Source: POLYMER CHEMISTRY **Volume:** 5 **Issue:** 24 **Pages:** 7090-7099 **DOI:** 10.1039/c4py01077a **Published:** 2014
Accession Number: WOS:000345066300023
ISSN: 1759-9954
eISSN: 1759-9962

Record 11 of 16

Title: Radioactive Nanoparticles and their Main Applications: Recent Advances

Author(s): Kharisov, BI (Kharisov, Boris I.); Kharissova, OV (Kharissova, Oxana V.); Berdonosov, SS (Berdonosov, Sergei S.)

Source: RECENT PATENTS ON NANOTECHNOLOGY **Volume:** 8 **Issue:** 2 **Pages:** 79-96 **DOI:** 10.2174/187221050802140618143846 **Published:** 2014

Accession Number: WOS:000340927700001

PubMed ID: 24962376

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kharisov, Boris	E-3056-2013	
Kharissov, Boris Ildusovich	E-3058-2013	

ISSN: 1872-2105

eISSN: 2212-4020

Record 12 of 16

Title: Small-angle X-ray scattering and light scattering study of hybrid nanoparticles composed of thermoresponsive triblock copolymer F127 and thermoresponsive statistical polyoxazolines with hydrophobic moieties

Author(s): Bogomolova, A (Bogomolova, Anna); Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri); Rabyk, M (Rabyk, Maria); Turner, S (Turner, Stuart); Bals, S (Bals, Sara); Steinhart, M (Steinhart, Milos); Zhigunov, A (Zhigunov, Alexander); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY **Volume:** 46 **Pages:** 1690-1698 **DOI:** 10.1107/S0021889813027064 **Part:** 6 **Published:** DEC 2013

Accession Number: WOS:000327070000020

Author Identifiers:

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Rabyk, Mariia	O-4625-2015	
Panek, Jiri	H-7129-2014	
Bogomolova, Anna	O-2982-2016	
Zhigunov, Alexander	C-3924-2012	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	

ISSN: 1600-5767

Record 13 of 16

Title: Hydrolytically Degradable Polymer Micelles for Drug Delivery: A SAXS/SANS Kinetic Study

Author(s): Filippov, SK (Filippov, Sergey K.); Franklin, JM (Franklin, John M.); Konarev, PV (Konarev, Petr V.); Chytil, P (Chytil, Petr); Etrych, T (Etrych, Tomas); Bogomolova, A (Bogomolova, Anna); Dyakonova, M (Dyakonova, Margarita); Papadakis, CM (Papadakis, Christine M.); Radulescu, A (Radulescu, Aurel); Ulbrich, K (Ulbrich, Karel); Stepanek, P (Stepanek, Petr); Svergun, DI (Svergun, Dmitri I.)

Source: BIOMACROMOLECULES **Volume:** 14 **Issue:** 11 **Pages:** 4061-4070 **DOI:** 10.1021/bm401186z **Published:** NOV 2013

Accession Number: WOS:000326955900027

PubMed ID: 24083567

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Ulbrich, Karel	G-5145-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Konarev, Petr	W-1380-2017	
Bogomolova, Anna	O-2982-2016	
Chytil, Petr	G-9853-2014	
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Svergun, Dmitri		0000-0003-0830-5696
Radulescu, Aurel		0000-0002-6050-0176

ISSN: 1525-7797

eISSN: 1526-4602

Record 14 of 16

Title: Design Strategies for Functionalized Poly(2-oxazoline)s and Derived Materials

Author(s): Rossegger, E (Rossegger, Elisabeth); Schenk, V (Schenk, Verena); Wiesbrock, F (Wiesbrock, Frank)

Source: POLYMERS **Volume:** 5 **Issue:** 3 **Pages:** 956-1011 **DOI:** 10.3390/polym5030956 **Published:** SEP 2013

Accession Number: WOS:000330522300005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wiesbrock, Frank		0000-0002-6459-6136

ISSN: 2073-4360

Record 15 of 16

Title: Synthesis and properties of Pluronic-based pentablock copolymers with pendant amino groups

Author(s): Zhang, Y (Zhang, Yan); Zhao, L (Zhao, Li); Chen, M (Chen, Min); Lang, MD (Lang, Meidong)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 291 **Issue:** 7 **Pages:** 1563-1571 **DOI:** 10.1007/s00396-012-2889-2 **Published:** JUL 2013

Accession Number: WOS:000320578000002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lang, Meidong		0000-0003-2053-9284

ISSN: 0303-402X

Record 16 of 16

Title: Macromolecular HPMA-Based Nanoparticles with Cholesterol for Solid-Tumor Targeting: Detailed Study of the Inner Structure of a Highly Efficient Drug Delivery System

Author(s): Filippov, SK (Filippov, Sergey K.); Chytil, P (Chytil, Petr); Konarev, PV (Konarev, Petr V.); Dyakonova, M (Dyakonova, Margarita); Papadakis, CM (Papadakis, Christine M.); Zhigunov, A (Zhigunov, Alexander); Plestil, J (Plestil, Josef); Stepanek, P (Stepanek, Petr); Etrych, T (Etrych, Tomas); Ulbrich, K (Ulbrich, Karel); Svergun, DI (Svergun, Dmitri I.)

Source: BIOMACROMOLECULES **Volume:** 13 **Issue:** 8 **Pages:** 2594-2604 **DOI:** 10.1021/bm3008555 **Published:** AUG 2012

Accession Number: WOS:000307422300044

PubMed ID: 22793269

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Zhigunov, Alexander	C-3924-2012	
Chytil, Petr	G-9853-2014	
Ulbrich, Karel	G-5145-2014	
Konarev, Petr	W-1380-2017	
Svergun, Dmitri		0000-0003-0830-5696

ISSN: 1525-7797

Publication No 31 of 132

Title: Cleavage of double stranded plasmid DNA by lanthanide complexes

Author(s): Rittich, B (Rittich, B); Spanova, A (Spanova, A); Falk, M (Falk, M); Benes, MJ (Benes, MJ); Hruby, M (Hruby, M)

Source: JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES **Volume:** 800 **Issue:** 1-2 **Pages:** 169-173 **DOI:** 10.1016/j.jchromb.2003.09.011 **Published:** FEB 5 2004

Accession Number: WOS:000187954500023

PubMed ID: 14698251

Conference Title: 3rd International Symposium on Separations in the Biosciences: 100 Years of Chromatography

Conference Date: MAY 13-18, 2003

Conference Location: MOSCOW, RUSSIA

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Falk, Martin	D-2394-2013	0000-0002-9229-0468
Falk, Martin	H-1928-2014	0000-0002-9229-0468

Rittich, Bohuslav K-2088-2013

ISSN: 1570-0232

Record 1 of 16

Title: Changes in Cryopreserved Cell Nuclei Serve as Indicators of Processes during Freezing and Thawing

Author(s): Kratochvilova, I (Kratochvilova, Irena); Kopecna, O (Kopecna, Olga); Bacikova, A (Bacikova, Alena); Pagacova, E (Pagacova, Eva); Falkova, I (Falkova, Iva); Follett, SE (Follett, Shelby E.); Elliott, KW (Elliott, K. Wade); Varga, K (Varga, Krisztina); Golan, M (Golan, Martin); Falk, M (Falk, Martin)

Source: LANGMUIR **Volume:** 35 **Issue:** 23 **Special Issue:** SI **Pages:** 7496-7508 **DOI:** 10.1021/acs.langmuir.8b02742 **Published:** JUN 11 2019

Accession Number: WOS:000471728600021

PubMed ID: 30339402

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kratochvilova, I.	G-5571-2014	0000-0002-6633-9432
Elliott, Korth	B-2146-2017	0000-0001-9442-0935

ISSN: 0743-7463

Record 2 of 16

Title: Nucleotide and DNA coordinated lanthanides: From fundamentals to applications

Author(s): He, YP (He, Yanping); Lopez, A (Lopez, Anand); Zhang, ZJ (Zhang, Zijie); Chen, D (Chen, Da); Yang, RH (Yang, Ronghua); Liu, JW (Liu, Juewen)

Source: COORDINATION CHEMISTRY REVIEWS **Volume:** 387 **Pages:** 235-248 **DOI:** 10.1016/j.ccr.2019.02.020 **Published:** MAY 15 2019

Accession Number: WOS:000463125500011

ISSN: 0010-8545

eISSN: 1873-3840

Record 3 of 16

Title: Challenges and Contradictions of Metal Nano-Particle Applications for Radio-Sensitivity Enhancement in Cancer Therapy

Author(s): Pagacova, E (Pagacova, Eva); Stefancikova, L (Stefancikova, Lenka); Schmidt-Kaler, F (Schmidt-Kaler, Franz); Hildenbrand, G (Hildenbrand, Georg); Vicar, T (Vicar, Tomas); Depes, D (Depes, Daniel); Lee, JH (Lee, Jin-Ho); Bestvater, F (Bestvater, Felix); Lacombe, S (Lacombe, Sandrine); Porcel, E (Porcel, Erika); Roux, S (Roux, Stephane); Wenz, F (Wenz, Frederik); Kopecna, O (Kopecna, Olga); Falkova, I (Falkova, Iva); Hausmann, M (Hausmann, Michael); Falk, M (Falk, Martin)

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES **Volume:** 20 **Issue:** 3 **Article Number:** 588 **DOI:** 10.3390/ijms20030588 **Published:** FEB 1 2019

Accession Number: WOS:000462412500132

PubMed ID: 30704035

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hildenbrand, Georg		0000-0003-1992-6025
Lacombe, Sandrine		0000-0003-3334-9201

ISSN: 1422-0067

Record 4 of 16

Title: Metal Sensing by DNA

Author(s): Zhou, WH (Zhou, Wenhui); Saran, R (Saran, Runjhun); Liu, JW (Liu, Juewen)

Source: CHEMICAL REVIEWS **Volume:** 117 **Issue:** 12 **Pages:** 8272-8325 **DOI:** 10.1021/acs.chemrev.7b00063 **Published:** JUN 28 2017

Accession Number: WOS:000404806000014

PubMed ID: 28598605

ISSN: 0009-2665

eISSN: 1520-6890

Record 5 of 16

Title: Efficient non-enzymatic cleavage of Staphylococcus aureus plasmid DNAs mediated by neodymium ions

Author(s): Zovcakova, M (Zovcakova, Monika); Spanova, A (Spanova, Alena); Pantucek, R (Pantucek, Roman); Doskar, J (Doskar, Jiri); Rittich, B (Rittich, Bohuslav)

Source: ANALYTICAL BIOCHEMISTRY **Volume:** 507 **Pages:** 66-70 **DOI:** 10.1016/j.ab.2016.05.013 **Published:** AUG 15 2016

Accession Number: WOS:000378982200011

PubMed ID: 27237372

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pantucek, Roman	P-6758-2014	0000-0002-3950-675X
Doskar, Jiri	O-1038-2017	

ISSN: 0003-2697

eISSN: 1096-0309

Record 6 of 16

Title: New La(III) Complex Immobilized on 3-Aminopropyl-Functionalized Silica as an Efficient and Reusable Catalyst for Hydrolysis of Phosphate Ester Bonds

Author(s): Muxel, AA (Muxel, Alfredo A.); Neves, A (Neves, Ademir); Camargo, MA (Camargo, Maryene A.); Bortoluzzi, AJ (Bortoluzzi, Adailton J.); Szpoganicz, B (Szpoganicz, Bruno); Castellano, EE (Castellano, Eduardo E.); Castilho, N (Castilho, Nathalia); Bortolotto, T (Bortolotto, Tiago); Terenzi, H (Terenzi, Hernan)

Source: INORGANIC CHEMISTRY **Volume:** 53 **Issue:** 6 **Pages:** 2943-2952 **DOI:** 10.1021/ic402705r **Published:** MAR 17 2014

Accession Number: WOS:000333142800025

PubMed ID: 24588718

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Bortoluzzi, Adailton J	G-2287-2012	0000-0002-9493-5987
castellano, eduardo ernesto	K-7925-2018	0000-0003-0499-8907
Muxel, Alfredo		0000-0001-6982-2844

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Record 7 of 16

Title: Synthesis, RNA binding and nuclease activity of porphyrin-hydroxamic acid derivatives

Author(s): Marketaki, M (Marketaki, Maria); Touloupakis, E (Touloupakis, Eleftherios); Charalambidis, G (Charalambidis, Georgios); Chalbot, MC (Chalbot, Marie-Cecile); Ghanotakis, DF (Ghanotakis, Demetrios F.); Coutsolelos, AG (Coutsolelos, Athanassios G.)

Source: JOURNAL OF PORPHYRINS AND PHTHALOCYANINES **Volume:** 16 **Issue:** 9 **Pages:** 997-1005 **DOI:** 10.1142/S1088424612501088 **Published:** SEP 2012

Accession Number: WOS:000309833100001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Charalambidis, Georgios	G-8949-2019	0000-0003-1237-9962
Touloupakis, Eleftherios		0000-0002-5133-0849
Coutsolelos, Athanassios G.	B-3924-2014	0000-0001-5682-2968
Chalbot, Marie-Cecile		0000-0002-3832-9632

ISSN: 1088-4246

eISSN: 1099-1409

Record 8 of 16

Title: Efficient DNA photocleavage promoted by a Tb(III) complex

Author(s): Cavalett, A (Cavalett, Angelica); Bortolotto, T (Bortolotto, Tiago); Silva, PR (Silva, Patricia Rabelo); Conte, G (Conte, Gilmar); Gallardo, H (Gallardo, Hugo); Terenzi, H (Terenzi, Hernan)

Source: INORGANIC CHEMISTRY COMMUNICATIONS **Volume:** 20 **Pages:** 77-80 **DOI:** 10.1016/j.inoche.2012.02.021 **Published:** JUN 2012

Accession Number: WOS:000305665800018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Gallardo, Hugo	A-9093-2008	0000-0002-8640-3120

ISSN: 1387-7003

Record 9 of 16

Title: DNA breakage induced by piceatannol and copper(II): Mechanism and anticancer properties

Author(s): Li, ZS (Li, Zhensheng); Yang, XZ (Yang, Xiaozhan); Dong, SW (Dong, Shiwu); Li, XH (Li, Xiaohui)

Source: ONCOLOGY LETTERS **Volume:** 3 **Issue:** 5 **Pages:** 1087-1094 **DOI:** 10.3892/ol.2012.597 **Published:** MAY 2012

Accession Number: WOS:000303281400026

ISSN: 1792-1074

eISSN: 1792-1082

Record 10 of 16**Title:** Efficient Phosphodiester Hydrolysis by Luminescent Terbium(III) and Europium(III) Complexes**Author(s):** Camargo, MA (Camargo, Maryene A.); Neves, A (Neves, Ademir); Bortoluzzi, AJ (Bortoluzzi, Adailton J.); Szpoganicz, B (Szpoganicz, Bruno); Fischer, FL (Fischer, Franciele L.); Terenzi, H (Terenzi, Hernan); Serra, OA (Serra, Osvaldo A.); Santos, VG (Santos, Vanessa G.); Vaz, BG (Vaz, Boniek G.); Eberlin, MN (Eberlin, Marcos N.)**Source:** INORGANIC CHEMISTRY **Volume:** 49 **Issue:** 13 **Pages:** 6013-6025 **DOI:** 10.1021/ic100549u **Published:** JUL 5 2010**Accession Number:** WOS:000279211500033**PubMed ID:** 20524622

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Eberlin, Marcos	B-8106-2012	
Inomat, Inct	H-9989-2013	
Szpoganicz, Bruno	G-7862-2015	
Vaz, Boniek	C-3716-2013	0000-0003-1197-4284
serra, osvaldo	L-5461-2013	
Vaz, Boniek	I-4187-2013	0000-0003-1197-4284

ISSN: 0020-1669**Record 11 of 16****Title:** Functionalised magnetic microspheres with hydrophilic properties for molecular diagnostic applications**Author(s):** Rittich, B (Rittich, Bohuslav); Spanova, A (Spanova, Alena); Horak, D (Horak, Daniel)**Source:** FOOD RESEARCH INTERNATIONAL **Volume:** 42 **Issue:** 4 **Special Issue:** SI **Pages:** 493-498 **DOI:** 10.1016/j.foodres.2009.01.020 **Published:** MAY 2009**Accession Number:** WOS:000266197300014**Conference Title:** International Congress on Bioprocesses in Food Industries**Conference Date:** NOV 06-08, 2008**Conference Location:** Hyderabad, INDIA**Conference Sponsors:** ICBF Forum, Biotech Res Soc India

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Rittich, Bohuslav	K-2088-2013	
Horak, Daniel	G-3487-2014	0000-0002-6907-9701

ISSN: 0963-9969**eISSN:** 1873-7145**Record 12 of 16****Title:** Cytotoxic activity of proflavine diureas: Synthesis, antitumor, evaluation and DNA binding properties of 1',1''-(acridin-3,6-diyl)-3',3''-dialkyldiureas**Author(s):** Kozurkova, M (Kozurkova, Maria); Sabolova, D (Sabolova, Danica); Janovec, L (Janovec, Ladislav); Mikes, J (Mikes, Jaromir); Koval, J (Koval, Jan); Ungvarsky, J (Ungvarsky, Jan); Stefanisinova, M (Stefanisinova, Miroslava); Fedorocko, P (Fedorocko, Peter); Kristian, P (Kristian, Pavol); Imrich, J (Imrich, Jan)**Source:** BIOORGANIC & MEDICINAL CHEMISTRY **Volume:** 16 **Issue:** 7 **Pages:** 3976-3984 **DOI:** 10.1016/j.bmc.2008.01.026 **Published:** APR 1 2008**Accession Number:** WOS:000255245900052**PubMed ID:** 18258438

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Koval, Jan	J-4758-2012	
Fedorocko, Peter	R-2433-2016	0000-0002-1138-6282
Sabolova, Danica	B-1922-2017	0000-0003-0942-0039
Mikes, Jaromir	A-4819-2010	
Kozurkova, M	G-7433-2016	0000-0002-2789-8397
Mikes, Jaromir		0000-0002-9941-7855

ISSN: 0968-0896**eISSN:** 1464-3391**Record 13 of 16****Title:** Effect of additives on swelling of covalent DNA gels**Author(s):** Costa, D (Costa, Diana); Miguel, MG (Miguel, M. Graca); Lindman, B (Lindman, Bjoern)**Source:** JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 111 **Issue:** 29 **Pages:** 8444-8452 **DOI:** 10.1021/jp067917q **Published:** JUL 26 2007**Accession Number:** WOS:000248121500016

PubMed ID: 17489624

Conference Title: 6th International Symposium on Polyelectrolytes

Conference Date: SEP, 2006

Conference Location: Dresden, GERMANY

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Costa, Diana		0000-0002-5049-4518
Lindman, Bjorn		0000-0002-7493-9112

ISSN: 1520-6106

Record 14 of 16

Title: Study on the interaction between 4-(2-diethylanuno-ethylamino)-8-oxo-8H-acenaphtho[1,2-b]pyrrole-9-carbonitrile and DNA by molecular spectra

Author(s): Zhang, ZC (Zhang, ZC); Yang, YY (Yang, YY); Liu, FY (Liu, FY); Qian, XH (Qian, XH); Xu, Q (Xu, Q)

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 38 **Issue:** 1 **Pages:** 59-64 **DOI:** 10.1016/j.ijbiomac.2005.12.022 **Published:** FEB 28 2006

Accession Number: WOS:000236505600009

PubMed ID: 16448691

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Qian, Xuhong		0000-0003-0394-1968

ISSN: 0141-8130

eISSN: 1879-0003

Record 15 of 16

Title: Changes in hydration of lanthanide ions on binding to DNA in aqueous solution

Author(s): Costa, D (Costa, D); Burrows, HD (Burrows, HD); Miguel, MD (Miguel, MD)

Source: LANGMUIR **Volume:** 21 **Issue:** 23 **Pages:** 10492-10496 **DOI:** 10.1021/la051493u **Published:** NOV 8 2005

Accession Number: WOS:000233129500043

PubMed ID: 16262311

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Miguel, Maria		0000-0002-1601-5501
Burrows, Hugh		0000-0003-3127-2298
Costa, Diana		0000-0002-5049-4518

ISSN: 0743-7463

Record 16 of 16

Title: Magnetic microparticulate carriers with immobilized selective ligands in DNA diagnostics

Author(s): Horak, D (Horak, D); Rittich, B (Rittich, B); Spanova, A (Spanova, A); Benes, MJ (Benes, MJ)

Source: POLYMER **Volume:** 46 **Issue:** 4 **Pages:** 1245-1255 **DOI:** 10.1016/j.polymer.2004.11.049 **Published:** FEB 7 2005

Accession Number: WOS:000226694900026

Conference Title: 5th Conference on Polymers in Dispersed Media

Conference Date: 2004

Conference Location: Lyon, FRANCE

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
Rittich, Bohuslav	K-2088-2013	
Benes, Milan	H-6778-2014	

ISSN: 0032-3861

Publication No 32 of 132

Title: Fluorescent boronate-based polymer nanoparticles with reactive oxygen species (ROS)-triggered cargo release for drug-delivery applications

Author(s): Jager, E (Jaeger, Eliezer); Hocherl, A (Hoecherl, Anita); Janouskova, O (Janouskova, Olga); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin); Konefal, R (Konefal, Rafal); Netopilik, M (Netopilik, Milos); Panek, J (Panek, Jiri); Slouf, M (Slouf,

Miroslav); Ulbrich, K (Ulbrich, Karel); Stepanek, P (Stepanek, Petr)

Source: NANOSCALE **Volume:** 8 **Issue:** 13 **Pages:** 6958-6963 **DOI:** 10.1039/c6nr00791k **Published:** 2016

Accession Number: WOS:000373060600004

PubMed ID: 26961769

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ulbrich, Karel	G-5145-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Netopilik, Milos	G-5222-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Hocherl, Anita	G-6222-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Jager, Alessandro	D-8647-2016	
Jager, Eliezer	D-8924-2016	

ISSN: 2040-3364

eISSN: 2040-3372

Record 1 of 16

Title: Recent Progress in the Biological Applications of Reactive Oxygen Species-Responsive Polymers

Author(s): Fan, ZY (Fan, Zhiyuan); Xu, HP (Xu, Huaping)

Source: POLYMER REVIEWS **DOI:** 10.1080/15583724.2019.1641515 **Early Access Date:** JULY 2019

Accession Number: WOS:000477388600001

ISSN: 1558-3724

eISSN: 1558-3716

Record 2 of 16

Title: Selectively Biodegradable Polyesters: Nature-Inspired Construction Materials for Future Biomedical Applications

Author(s): Urbanek, T (Urbanek, Tomas); Jager, E (Jaeger, Eliezer); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin)

Source: POLYMERS **Volume:** 11 **Issue:** 6 **Article Number:** 1061 **DOI:** 10.3390/polym11061061 **Published:** JUN 2019

Accession Number: WOS:000473819100133

PubMed ID: 31248100

eISSN: 2073-4360

Record 3 of 16

Title: Endogenous Reactive Oxygen Species-Triggered Morphology Transformation for Enhanced Cooperative Interaction with Mitochondria

Author(s): Cheng, DB (Cheng, Dong-Bing); Zhang, XH (Zhang, Xue-Hao); Gao, YJ (Gao, Yu-Juan); Ji, L (Ji, Lei); Hou, DY (Hou, Dayong); Wang, ZQ (Wang, Ziqi); Xu, WH (Xu, Wanhai); Qiao, ZY (Qiao, Zeng-Ying); Wang, H (Wang, Hao)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY **Volume:** 141 **Issue:** 18 **Pages:** 7235-7239 **DOI:** 10.1021/jacs.8b07727 **Published:** MAY 8 2019

Accession Number: WOS:000467781600003

PubMed ID: 31010287

ISSN: 0002-7863

Record 4 of 16

Title: Enzymatic synthesis of selenium-containing amphiphilic aliphatic polycarbonate as an oxidation-responsive drug delivery vehicle

Author(s): Yang, XL (Yang, Xian-Ling); Xing, X (Xing, Xiu); Li, J (Li, Jun); Liu, YH (Liu, Yan-Hong); Wang, N (Wang, Na); Yu, XQ (Yu, Xiao-Qi)

Source: RSC ADVANCES **Volume:** 9 **Issue:** 11 **Pages:** 6003-6010 **DOI:** 10.1039/c8ra10282a **Published:** FEB 21 2019

Accession Number: WOS:000459507800017

ISSN: 2046-2069

Record 5 of 16

Title: Oxidation-Responsive Materials: Biological Rationale, State of the Art, Multiple Responsiveness, and Open Issues

Author(s): El-Mohtadi, F (El-Mohtadi, Farah); d'Arcy, R (d'Arcy, Richard); Tirelli, N (Tirelli, Nicola)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 40 **Issue:** 1 **Special Issue:** SI **Article Number:** 1800699 **DOI:** 10.1002/marc.201800699 **Published:** JAN 2019

Accession Number: WOS:000459027600032

PubMed ID: 30474897

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tirelli, Nicola	P-7210-2014	0000-0002-4879-3949

ISSN: 1022-1336

eISSN: 1521-3927

Record 6 of 16

Title: Poly(ethylene oxide monomethyl ether)-block-poly(propylene succinate) Nanoparticles: Synthesis and Characterization, Enzymatic and Cellular Degradation, Micellar Solubilization of Paclitaxel, and in Vitro and in Vivo Evaluation

Author(s): Jager, A (Jager, Alessandro); Jager, E (Jager, Eliezer); Syrova, Z (Syrova, Zdenka); Mazel, T (Mazel, Tomas); Kovacik, L (Kovacik, Lubomir); Raska, I (Raska, Ivan); Hoherl, A (Hoherl, Anita); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Humajova, J (Humajova, Jana); Pouckova, P (Pouckova, Pavla); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 7 **Pages:** 2443-2458 **DOI:** 10.1021/acs.biomac.8b00048 **Published:** JUL 2018

Accession Number: WOS:000438470800009

PubMed ID: 29601729

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Jager, Alessandro	D-8647-2016	

ISSN: 1525-7797

eISSN: 1526-4602

Record 7 of 16

Title: Self-immolative chemistry in nanomedicine

Author(s): Gisbert-Garzarán, M (Gisbert-Garzarán, M.); Manzano, M (Manzano, M.); Vallet-Regi, M (Vallet-Regi, M.)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 340 **Special Issue:** SI **Pages:** 24-31 **DOI:** 10.1016/j.cej.2017.12.098 **Published:** MAY 15 2018

Accession Number: WOS:000427620200005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Vallet-Regi, Maria	M-3378-2014	0000-0002-6104-4889
Manzano, Miguel	K-3719-2014	0000-0001-6238-6111

ISSN: 1385-8947

eISSN: 1873-3212

Record 8 of 16

Title: Near infrared light triggered reactive oxygen species responsive nanoparticles for chemo-photodynamic combined therapy

Author(s): Zhang, XF (Zhang, Xuefei); Huang, BY (Huang, Binyao); Shen, YF (Shen, Yifeng); Yang, CZ (Yang, Chanzhen); Huang, ZQ (Huang, Zeqian); Huang, YJ (Huang, Yanjuan); Xu, XY (Xu, Xiaoyu); Jiang, YL (Jiang, Yali); Sun, XQ (Sun, Xiaoqi); Li, XN (Li, Xining); Yan, MN (Yan, Mina); Zhao, CS (Zhao, Chunshun)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 6 **Issue:** 15 **Pages:** 2347-2357 **DOI:** 10.1039/c8tb00308d **Published:** APR 21 2018

Accession Number: WOS:000431111700017

ISSN: 2050-750X

eISSN: 2050-7518

Record 9 of 16

Title: Synthesis of a phenylboronic ester-linked PEG-lipid conjugate for ROS-responsive drug delivery

Author(s): Zhang, TH (Zhang, Tianhui); Chen, X (Chen, Xin); Xiao, CS (Xiao, Chunsheng); Zhuang, XL (Zhuang, Xiuli); Chen, XS (Chen, Xuesi)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 40 **Pages:** 6209-6216 **DOI:** 10.1039/c7py00915a **Published:** OCT 28 2017

Accession Number: WOS:000413179100003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xiao, Chunsheng	E-3506-2012	0000-0001-7936-4146

ISSN: 1759-9954

eISSN: 1759-9962

Record 10 of 16

Title: Leveraging H2O2 Levels for Biomedical Applications

Author(s): Wang, JQ (Wang, Jinqiang); Zhang, YQ (Zhang, Yuqi); Archibong, E (Archibong, Edikan); Ligler, FS (Ligler, Frances S.); Gu, Z (Gu, Zhen)

Source: ADVANCED BIOSYSTEMS **Volume:** 1 **Issue:** 9 **Article Number:** 1700084 **DOI:** 10.1002/adbi.201700084 **Published:** SEP 2017

Accession Number: WOS:000446961900005

ISSN: 2366-7478

Record 11 of 16

Title: Accelerated hydrolysis of boronic acid in a modified poly(amidoamine) dendrimer: identification of a factor leading to the production of an impurity in boronic acid containing poly(amidoamine) dendrimers

Author(s): Tsai, CH (Tsai, Ching-Hua); Fang, YW (Fang, Yu-Wen); Chen, HT (Chen, Hui-Ting); Kao, CL (Kao, Chai-Lin)

Source: CANADIAN JOURNAL OF CHEMISTRY **Volume:** 95 **Issue:** 9 **Pages:** 984-990 **DOI:** 10.1139/cjc-2017-0209 **Published:** SEP 2017

Accession Number: WOS:000408730800014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kao, Chai-Lin	C-9665-2009	0000-0003-3991-9092

ISSN: 0008-4042

eISSN: 1480-3291

Record 12 of 16

Title: Reactive oxygen species-cleavable self-immolative diethylstilbestrol polyester nanoparticles give rise to cancer hormone therapy with minimized side effects

Author(s): Hocherl, A (Hocherl, Anita); Jager, E (Jager, Eliezer); Janouskova, O (Janouskova, Olga); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 259 **Pages:** E7-E8 **DOI:** 10.1016/j.jconrel.2017.03.047 **Published:** AUG 10 2017

Accession Number: WOS:000407591400006

Conference Title: 4th Symposium on Innovative Polymers for Controlled Delivery (SIPCD)

Conference Date: SEP 23-26, 2016

Conference Location: Suzhou, PEOPLES R CHINA

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
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Hocherl, Anita	G-6222-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0168-3659

eISSN: 1873-4995

Record 13 of 16

Title: One-pot synthesis of reactive oxygen species (ROS)-self-immolative polyoxalate prodrug nanoparticles for hormone dependent cancer therapy with minimized side effects

Author(s): Hocherl, A (Hocherl, Anita); Jager, E (Jaeger, Eliezer); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin); Konefal, R (Konefal, Rafal); Janouskova, O (Janouskova, Olga); Spevacek, J (Spevacek, Jiri); Jiang, YM (Jiang, Yaming); Schmidt, PW (Schmidt, Peter W.); Lodge, TP (Lodge, Timothy P.); Stepanek, P (Stepanek, Petr)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 13 **Pages:** 1999-2004 **DOI:** 10.1039/c7py00270j **Published:** APR 4 2017

Accession Number: WOS:000398993800002

Author Identifiers:

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Jager, Alessandro D-8647-2016
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 Spevacek, Jiri H-2076-2014 0000-0002-1455-3488
 Hruby, Martin H-6479-2014
 Hocherl, Anita G-6222-2014
 Hoecherl, Anita 0000-0003-3391-3546
 Schmidt, Peter 0000-0001-6702-411X
ISSN: 1759-9954
eISSN: 1759-9962

Record 14 of 16

Title: Static, dynamic and electric light scattering by aqueous colloids of diamond

Author(s): Klemeshev, SA (Klemeshev, S. A.); Petrov, MP (Petrov, M. P.); Rolich, VI (Rolich, V. I.); Trusov, AA (Trusov, A. A.); Voitylov, AV (Voitylov, A. V.); Vojtylov, VV (Vojtylov, V. V.)

Source: DIAMOND AND RELATED MATERIALS **Volume:** 69 **Pages:** 177-182 **DOI:** 10.1016/j.diamond.2016.08.016 **Published:** OCT 2016

Accession Number: WOS:000385602000025

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Vojtylov, Vladislav	M-6354-2013	0000-0003-1932-370X
Petrov, Mikhail	M-6090-2013	0000-0002-1709-2437
Voytylov, Alexei	M-6201-2013	0000-0001-5254-8324

ISSN: 0925-9635

eISSN: 1879-0062

Record 15 of 16

Title: ROS and Brain Gliomas: An Overview of Potential and Innovative Therapeutic Strategies

Author(s): Rinaldi, M (Rinaldi, Mariagrazia); Caffo, M (Caffo, Maria); Minutoli, L (Minutoli, Letteria); Marini, H (Marini, Herbert); Abbritti, RV (Abbritti, Rosaria Viola); Squadrito, F (Squadrito, Francesco); Trichilo, V (Trichilo, Vincenzo); Valenti, A (Valenti, Andrea); Barresi, V (Barresi, Valeria); Altavilla, D (Altavilla, Domenica); Passalacqua, M (Passalacqua, Marcello); Caruso, G (Caruso, Gerardo)

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES **Volume:** 17 **Issue:** 6 **Article Number:** 984 **DOI:** 10.3390/ijms17060984 **Published:** JUN 2016

Accession Number: WOS:000378799300193

PubMed ID: 27338365

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Caruso, Gerardo	H-5312-2019	
MARINI, Herbert Ryan		0000-0002-8254-177X

ISSN: 1422-0067

Record 16 of 16

Title: Intracellular Fate of Polymer Therapeutics Investigated by Fluorescence Lifetime Imaging and Fluorescence Pattern Analysis

Author(s): Panek, J (Panek, J.); Koziolova, E (Koziolova, E.); Stepanek, P (Stepanek, P.); Etrych, T (Etrych, T.); Janouskova, O (Janouskova, O.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S217-S224 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800007

PubMed ID: 27762587

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Panek, Jiri	H-7129-2014	
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Koziolova, Eva	N-7265-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0862-8408

eISSN: 1802-9973

Publication No 33 of 132

Title: Thermoresponsive polymeric nanoemulsions

Author(s): Konak, C (Konak, C); Hruby, M (Hruby, M)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 27 **Issue:** 11 **Pages:** 877-881 **DOI:** 10.1002/marc.200600065 **Published:** JUN 2 2006

Accession Number: WOS:000238504300010

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Konak, Cestmir H-7177-2014

Hruby, Martin H-6479-2014

ISSN: 1022-1336

Record 1 of 15

Title: Effect of sodium dodecyl sulfate on solution behavior of thermoresponsive polymers and their mixtures

Author(s): Otulakowski, L (Otulakowski, Lukasz); Kasprow, M (Kasprow, Maciej); Dworak, A (Dworak, Andrzej); Trzebicka, B (Trzebicka, Barbara)

Source: POLIMERY **Volume:** 64 **Issue:** 7-8 **Pages:** 469-479 **DOI:** 10.14314/polimery.2019.7.1 **Published:** JUL-AUG 2019

Accession Number: WOS:000470890800001

ISSN: 0032-2725

Record 2 of 15

Title: Specific formation of hydrophobic aggregates of ionic thermoresponsive polymers with oppositely charged ionic surfactants under extremely dilute conditions

Author(s): Uehara, N (Uehara, Nobuo)

Source: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS **Volume:** 560 **Pages:** 98-105 **DOI:** 10.1016/j.colsurfa.2018.10.007 **Published:** JAN 5 2019

Accession Number: WOS:000451048400013

ISSN: 0927-7757

eISSN: 1873-4359

Record 3 of 15

Title: A novel approach to controlled self-assembly of pH-responsive thermosensitive homopolymer polyelectrolytes into stable nanoparticles

Author(s): Sedlak, M (Sedlak, Marian)

Source: ADVANCES IN COLLOID AND INTERFACE SCIENCE **Volume:** 232 **Pages:** 57-69 **DOI:** 10.1016/j.cis.2015.12.005 **Published:** JUN 2016

Accession Number: WOS:000379563300007

PubMed ID: 26792020

Conference Title: International Workshop on Polyelectrolytes in Chemistry, Biology and Technology

Conference Date: JAN 26-28, 2015

Conference Location: Nanyang Technol Univ, Singapore, SINGAPORE

Conference Host: Nanyang Technol Univ

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ISSN: 0001-8686

eISSN: 1873-3727

Record 4 of 15

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
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Hruby, Martin H-6479-2014

Panek, Jiri H-7129-2014

Kucka, Jan G-7884-2014

ISSN: 0862-8408
eISSN: 1802-9973

Record 5 of 15

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 6 of 15

Title: Interaction of Poly(N-isopropylacrylamide) with Sodium Dodecyl Sulfate below the Critical Aggregation Concentration

Author(s): Uehara, N (Uehara, Nobuo); Ogawa, M (Ogawa, Minami)

Source: LANGMUIR **Volume:** 30 **Issue:** 22 **Pages:** 6367-6372 **DOI:** 10.1021/la500900n **Published:** JUN 10 2014

Accession Number: WOS:000337198900008

PubMed ID: 24810225

ISSN: 0743-7463

Record 7 of 15

Title: Homopolymer Self-Assembly into Stable Nanoparticles: Concerted Action of Hydrophobic Association and Hydrogen Bonding in Thermoresponsive Poly(alkylacrylic acid)s

Author(s): Sedlak, M (Sedlak, Marian)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 116 **Issue:** 8 **Pages:** 2356-2364 **DOI:** 10.1021/jp208445p **Published:** MAR 1 2012

Accession Number: WOS:000300911900003

PubMed ID: 22280359

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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ISSN: 1520-6106

Record 8 of 15

Title: Polymeric Nanoparticles Stabilized by Surfactants Investigated by Light Scattering, Small-Angle Neutron Scattering, and Cryo-TEM Methods

Author(s): Panek, J (Panek, Jiri); Filippov, SK (Filippov, Sergey K.); Konak, C (Konak, Cestmir); Nallet, F (Nallet, Frederic); Noirez, L (Noirez, Laurence); Karlsson, G (Karlsson, Goran); Stepanek, P (Stepanek, Petr)

Source: JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY **Volume:** 32 **Issue:** 6 **Pages:** 888-897 **Article Number:** PII 937918649 **DOI:** 10.1080/01932691.2010.488475 **Published:** 2011

Accession Number: WOS:000290988400018

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Panek, Jiri	H-7129-2014	

ISSN: 0193-2691

Record 9 of 15

Title: Polymeric Nanoparticles Stabilized by Surfactants: Kinetic Studies

Author(s): Panek, J (Panek, Jiri); Filippov, SK (Filippov, Sergey K.); Konak, C (Konak, Cestmir); Steinhart, M (Steinhart, Milos); Stepanek, P (Stepanek, Petr)

Source: JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY **Volume:** 32 **Issue:** 8 **Pages:** 1105-1110 **DOI:** 10.1080/01932691.2010.497697 **Published:** 2011

Accession Number: WOS:000295219200005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Konak, Cestmir	H-7177-2014	

ISSN: 0193-2691

Record 10 of 15

Title: pH Sensitive Polymer Nanoparticles: Effect of Hydrophobicity on Self-Assembly

Author(s): Filippov, SK (Filippov, Sergey K.); Starovoytova, L (Starovoytova, Larisa); Konak, C (Konak, Cestmir); Hruby, M (Hruby, Martin); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Stepanek, P (Stepanek, Petr)

Source: LANGMUIR **Volume:** 26 **Issue:** 18 **Pages:** 14450-14457 **DOI:** 10.1021/la1018778 **Published:** SEP 21 2010

Accession Number: WOS:000281690600013

PubMed ID: 20795676

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Mackova, Hana	G-3247-2014	
Starovoytova, Larisa	E-3931-2012	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	

ISSN: 0743-7463

Record 11 of 15

Title: A New Approach to Polymer Self-assembly into Stable Nanoparticles: Poly(ethylacrylic acid) Homopolymers

Author(s): Sedlak, M (Sedlak, Marian); Konak, C (Konak, Cestmir)

Source: MACROMOLECULES **Volume:** 42 **Issue:** 19 **Pages:** 7430-7438 **DOI:** 10.1021/ma9015032 **Published:** OCT 13 2009

Accession Number: WOS:000270461600029

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konak, Cestmir	H-7177-2014	
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ISSN: 0024-9297

eISSN: 1520-5835

Record 12 of 15

Title: Thermo-Induced Aggregation Behavior of Poly(ethylene oxide)-b-poly(N-isopropylacrylamide) Block Copolymers in the Presence of Cationic Surfactants

Author(s): Zhao, JP (Zhao, Junpeng); Zhang, GZ (Zhang, Guangzhao); Pispas, S (Pispas, Stergios)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 113 **Issue:** 31 **Pages:** 10600-10606 **DOI:** 10.1021/jp9038896 **Published:** AUG 6 2009

Accession Number: WOS:000268479000011

PubMed ID: 19601574

ISSN: 1520-6106

Record 13 of 15

Title: Novel pH-responsive nanoparticles

Author(s): Filippov, S (Filippov, Sergey); Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Mackova, H (Mackova, Hana); Spirkova, M (Spirkova, Milena); Stepanek, P (Stepanek, Petr)

Source: LANGMUIR **Volume:** 24 **Issue:** 17 **Pages:** 9295-9301 **DOI:** 10.1021/la801472x **Published:** SEP 2 2008

Accession Number: WOS:000258722100023

PubMed ID: 18686981

Author Identifiers:

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Spirkova, Milena	H-4609-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Konak, Cestmir	H-7177-2014	

Record 14 of 15

Title: Thermoresponsive polymers - From laboratory curiosity to advanced materials for medicinal applications

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Lebeda, O (Lebeda, Ondrej); Ulbrich, K (Ulbrich, Karel)

Source: CHEMICKE LISTY **Volume:** 102 **Issue:** 1 **Pages:** 21-27 **Published:** 2008

Accession Number: WOS:000253252500004

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Ulbrich, Karel	G-5145-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0009-2770

Record 15 of 15

Title: Thermoresponsive polymeric nanoparticles stabilized by surfactants

Author(s): Konak, C (Konak, Cestmir); Panek, J (Panek, Jiri); Hruby, M (Hruby, Martin)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 285 **Issue:** 13 **Pages:** 1433-1439 **DOI:** 10.1007/s00396-007-1700-2 **Published:** OCT 2007

Accession Number: WOS:000249664100003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	
Konak, Cestmir	H-7177-2014	

ISSN: 0303-402X

Publication No 34 of 132

Title: Block and Gradient Copoly(2-oxazoline) Micelles: Strikingly Different on the Inside

Author(s): Filippov, SK (Filippov, Sergey K.); Verbraeken, B (Verbraeken, Bart); Konarev, PV (Konarev, Petr V.); Svergun, DI (Svergun, Dmitri I.); Angelov, B (Angelov, Borislav); Vishnevetskaya, NS (Vishnevetskaya, Natalya S.); Papadakis, CM (Papadakis, Christine M.); Rogers, S (Rogers, Sarah); Radulescu, A (Radulescu, Aurel); Courtin, T (Courtin, Tim); Martins, JC (Martins, Jose C.); Starovoytova, L (Starovoytova, Larisa); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Kravchenko, VS (Kravchenko, Vitaly S.); Potemkin, II (Potemkin, Igor I.); Hoogenboom, R (Hoogenboom, Richard)

Source: JOURNAL OF PHYSICAL CHEMISTRY LETTERS **Volume:** 8 **Issue:** 16 **Pages:** 3800-3804 **DOI:** 10.1021/acs.jpcllett.7b01588 **Published:** AUG 17 2017

Accession Number: WOS:000408187400014

PubMed ID: 28759235

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Konarev, Petr	W-1380-2017	
Hruby, Martin	H-6479-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Radulescu, Aurel		0000-0002-6050-0176
Svergun, Dmitri		0000-0003-0830-5696
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 1948-7185

Record 1 of 15

Title: Gradient copolymer micelles: an introduction to structures as well as structural transitions

Author(s): Zheng, C (Zheng, Chao)

Source: SOFT MATTER **Volume:** 15 **Issue:** 27 **Pages:** 5357-5370 **DOI:** 10.1039/c9sm00880b **Published:** JUL 21 2019

Accession Number: WOS:000477949200001

PubMed ID: 31210242

ISSN: 1744-683X

eISSN: 1744-6848

Record 2 of 15

Title: Gradient copolymers - Preparation, properties and practice

Author(s): Alam, MM (Alam, Md Mahbub); Jack, KS (Jack, Kevin S.); Hill, DJT (Hill, David J. T.); Whittaker, AK (Whittaker, Andrew K.); Peng, H (Peng, Hui)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 116 **Pages:** 394-414 **DOI:** 10.1016/j.eurpolymj.2019.04.028 **Published:** JUL 2019

Accession Number: WOS:000471736700041

ISSN: 0014-3057

eISSN: 1873-1945

Record 3 of 15

Title: Unexpected Reactivity Switch in the Statistical Copolymerization of 2-Oxazolines and 2-Oxazines Enabling the One-Step Synthesis of Amphiphilic Gradient Copolymers

Author(s): Sedlacek, O (Sedlacek, Ondrej); Lava, K (Lava, Kathleen); Verbraeken, B (Verbraeken, Bart); Kasmi, S (Kasmi, Sabah); De Geest, BG (De Geest, Bruno G.); Hoogenboom, R (Hoogenboom, Richard)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY **Volume:** 141 **Issue:** 24 **Pages:** 9617-9622 **DOI:** 10.1021/jacs.9b02607 **Published:** JUN 19 2019

Accession Number: WOS:000471835600031

PubMed ID: 31136165

ISSN: 0002-7863

Record 4 of 15

Title: A chiroptical nanoprobe for highly selective recognition of histidine enantiomers in aqueous media

Author(s): Liu, KY (Liu, Keyuan); Du, GH (Du, Ganhong); Ye, L (Ye, Long); Jiang, LM (Jiang, Liming)

Source: SENSORS AND ACTUATORS B-CHEMICAL **Volume:** 284 **Pages:** 55-62 **DOI:** 10.1016/j.snb.2018.12.093 **Published:** APR 1 2019

Accession Number: WOS:000460404100008

ISSN: 0925-4005

Record 5 of 15

Title: Interpolymer complexes of carbopol (R) 971 and poly(2-ethyl-2-oxazoline): Physicochemical studies of complexation and formulations for oral drug delivery

Author(s): Moustafine, RI (Moustafine, Rouslan, I); Viktorova, AS (Viktorova, Anastasiya S.); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 558 **Pages:** 53-62 **DOI:** 10.1016/j.ijpharm.2019.01.002 **Published:** MAR 10 2019

Accession Number: WOS:000458368800006

PubMed ID: 30634031

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Khutoryanskiy, Vitaliy	D-3712-2012	0000-0002-7221-2630

ISSN: 0378-5173

eISSN: 1873-3476

Record 6 of 15

Title: Straightforward Route to Superhydrophilic Poly(2-oxazoline)s via Acylation of Well-Defined Polyethylenimine

Author(s): Sedlacek, O (Sedlacek, Ondrej); Janouskova, O (Janouskova, Olga); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 1 **Pages:** 222-230 **DOI:** 10.1021/acs.biomac.8b01366 **Published:** JAN 2019

Accession Number: WOS:000456349600019

PubMed ID: 30512933

Author Identifiers:

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Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 1525-7797
eISSN: 1526-4602

Record 7 of 15

Title: Full and partial hydrolysis of poly(2-oxazoline)s and the subsequent post-polymerization modification of the resulting polyethylenimine (co)polymers

Author(s): Mees, MA (Mees, Maarten A.); Hoogenboom, R (Hoogenboom, Richard)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 40 **Pages:** 4968-4978 **DOI:** 10.1039/c8py00978c **Published:** OCT 28 2018

Accession Number: WOS:000448347900003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Mees, Maarten		0000-0003-0039-3230

ISSN: 1759-9954
eISSN: 1759-9962

Record 8 of 15

Title: Modern Methods for Studying Polymer Complexes in Aqueous and Organic Solutions

Author(s): Khutoryanskiy, VV (Khutoryanskiy, V. V.); Smyslov, RY (Smyslov, R. Yu.); Yakimansky, AV (Yakimansky, A. V.)

Source: POLYMER SCIENCE SERIES A **Volume:** 60 **Issue:** 5 **Pages:** 553-576 **DOI:** 10.1134/S0965545X18050085 **Published:** SEP 2018

Accession Number: WOS:000443573500001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Smyslov, Ruslan	E-4874-2014	0000-0003-3633-4347
Khutoryanskiy, Vitaliy V.	D-3712-2012	0000-0002-7221-2630

ISSN: 0965-545X
eISSN: 1555-6107

Record 9 of 15

Title: Remarkable glass transition breadths up to 120 K exhibited by block-gradient copolymers and by gradient copolymers plasticized by oligomer

Author(s): Li, LQ (Li, Lingqiao); Marrou, SR (Marrou, Stephen R.); Torkelson, JM (Torkelson, John M.)

Source: POLYMER **Volume:** 151 **Pages:** 145-153 **DOI:** 10.1016/j.polymer.2018.07.058 **Published:** AUG 29 2018

Accession Number: WOS:000442400300017

ISSN: 0032-3861

eISSN: 1873-2291

Record 10 of 15

Title: Fluorophilic-Lipophilic-Hydrophilic Poly(2-oxazoline) Block Copolymers as MRI Contrast Agents: From Synthesis to Self-Assembly

Author(s): Kabarov, LI (Kabarov, Leonid I.); Verbraeken, B (Verbraeken, Bart); Riabtseva, A (Riabtseva, Anna); Brus, J (Brus, Jiri); Radulescu, A (Radulescu, Aurel); Talmon, Y (Talmon, Yeshayahu); Stepanek, P (Stepanek, Petr); Hoogenboom, R (Hoogenboom, Richard); Filippov, SK (Filippov, Sergey K.)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 15 **Pages:** 6047-6056 **DOI:** 10.1021/acs.macromol.8b00957 **Published:** AUG 14 2018

Accession Number: WOS:000442185700061

Author Identifiers:

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Talmon, Yeshayahu	N-1076-2019	0000-0002-9854-3972
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Radulescu, Aurel		0000-0002-6050-0176

ISSN: 0024-9297
eISSN: 1520-5835

Record 11 of 15

Title: Unravelling the Excellent Chemical Stability and Bioavailability of Solvent Responsive Curcumin-Loaded 2-Ethyl-2-oxazoline-grad-2-(4-dodecyloxyphenyl)-2-oxazoline Copolymer Nanoparticles for Drug Delivery

Author(s): Datta, S (Datta, Shubhashis); Jutkova, A (Jutkova, Annamaria); Sramkova, P (Sramkova, Petra); Lenkayska, L (Lenkayska, Lenka); Huntosova, V (Huntosova, Veronika); Chorvat, D (Chorvat, Dusan); Miskovsky, P (Miskovsky, Pavol); Jancura, D (Jancura, Daniel); Kronek, J (Kronek, Juraj)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 7 **Pages:** 2459-2471 **DOI:** 10.1021/acs.biomac.8b00057 **Published:** JUL 2018

Accession Number: WOS:000438470800010

PubMed ID: 29634248

ISSN: 1525-7797

eISSN: 1526-4602

Record 12 of 15

Title: Comparison of random and gradient amino functionalized poly(2-oxazoline)s: Can the transfection efficiency be tuned by the macromolecular structure?

Author(s): Hertz, D (Hertz, David); Leiske, MN (Leiske, Meike N.); Wloka, T (Wloka, Thomas); Traeger, A (Traeger, Anja); Hartlieb, M (Hartlieb, Matthias); Kessels, MM (Kessels, Michael M.); Schubert, S (Schubert, Stephanie); Qualmann, B (Qualmann, Britta); Schubert, US (Schubert, Ulrich S.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 56 **Issue:** 12 **Pages:** 1210-1224 **DOI:** 10.1002/pola.29000 **Published:** JUN 15 2018

Accession Number: WOS:000431658400003

Author Identifiers:

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Leiske, Meike Nicole	S-9248-2017	0000-0002-8525-2324
Traeger, Anja	G-3862-2012	0000-0001-7734-2293
Schubert, Stephanie	M-8135-2019	0000-0001-9527-7763
Hartlieb, Matthias	F-8363-2011	0000-0001-5330-7186
Schubert, Stephanie	E-9649-2010	0000-0001-9527-7763

ISSN: 0887-624X

eISSN: 1099-0518

Record 13 of 15

Title: Self-assembly of rarely polymer-grafted nanoparticles in dilute solutions and on a surface: From non-spherical vesicles to graphene-like sheets

Author(s): Kravchenko, VS (Kravchenko, Vitaly S.); Potemkin, II (Potemkin, Igor I.)

Source: POLYMER **Volume:** 142 **Pages:** 23-32 **DOI:** 10.1016/j.polymer.2018.03.019 **Published:** APR 25 2018

Accession Number: WOS:000430358900003

ISSN: 0032-3861

eISSN: 1873-2291

Record 14 of 15

Title: Formation of interpolyelectrolyte complexes with controlled hydrodynamic radii in solutions

Author(s): Tsvetkov, NV (Tsvetkov, N. V.); Fetin, PA (Fetin, P. A.); Lezov, AA (Lezov, A. A.); Gubarev, AS (Gubarev, A. S.); Lezova, AA (Lezova, A. A.); Zorin, IM (Zorin, I. M.); Bilibin, AY (Bilibin, A. Yu.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 296 **Issue:** 2 **Pages:** 285-293 **DOI:** 10.1007/s00396-017-4244-0 **Published:** FEB 2018

Accession Number: WOS:000423325900004

Author Identifiers:

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Tsvetkov, Nikolai	J-7975-2013	0000-0003-2666-6073
Lezov, Alexey	J-6738-2013	0000-0001-7960-6889
Fetin, Petr		0000-0002-0448-7173

ISSN: 0303-402X

eISSN: 1435-1536

Record 15 of 15

Title: Effect of Architecture on Micelle Formation and Liquid-Crystalline Ordering in Solutions of Block Copolymers Comprising Flexible and Rigid Blocks: Rod-Coil vs Y-Shaped vs Comblike Copolymers

Author(s): Polovnikov, KE (Polovnikov, Kirill E.); Potemkin, II (Potemkin, Igor I.)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 121 **Issue:** 43 **Pages:** 10180-10189 **DOI:** 10.1021/acs.jpcc.7b09127 **Published:** NOV 2 2017
Accession Number: WOS:000414622600021
PubMed ID: 28985085
ISSN: 1520-6106

Publication No 35 of 132

Title: Degradation of polycyclic aromatic hydrocarbons by hydrogen peroxide catalyzed by heterogeneous polymeric metal chelates

Author(s): Baldrian, P (Baldrian, P); Cajthaml, T (Cajthaml, T); Merhautova, V (Merhautova, V); Gabriel, J (Gabriel, J); Nerud, F (Nerud, F); Stopka, P (Stopka, P); Hruby, M (Hruby, M); Benes, MJ (Benes, MJ)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 59 **Issue:** 3-4 **Pages:** 267-274 **DOI:** 10.1016/j.apcatb.2005.02.010 **Published:** AUG 8 2005

Accession Number: WOS:000230022700017

Author Identifiers:

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Hruby, Martin	H-6479-2014	
Baldrian, Petr	A-9170-2009	0000-0002-8983-2721
Gabriel, Jiri		0000-0001-9341-3434
Cajthaml, Tomas	I-1971-2014	0000-0002-3393-1333

ISSN: 0926-3373

Record 1 of 14

Title: In situ synthesis and immobilization of a Cu(II)-pyridyl complex on silica microspheres as a novel Fenton-like catalyst for RhB degradation at near-neutral pH

Author(s): Yuan, WH (Yuan, Wenhua); Zhang, CY (Zhang, Chaoying); Wei, H (Wei, Hong); Wang, QQ (Wang, Qinqin); Li, KB (Li, Kebin)

Source: RSC ADVANCES **Volume:** 7 **Issue:** 37 **Pages:** 22825-22835 **DOI:** 10.1039/c7ra02916k **Published:** 2017

Accession Number: WOS:000400338000026

ISSN: 2046-2069

Record 2 of 14

Title: Diatomite coated with Fe₂O₃ as an efficient heterogeneous catalyst for degradation of organic pollutant

Author(s): Liang, H (Liang, Huan); Zhou, S (Zhou, Sen); Chen, YT (Chen, Yuting); Zhou, F (Zhou, Feng); Yan, CJ (Yan, Chunjie)

Source: JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS **Volume:** 49 **Pages:** 105-112 **DOI:** 10.1016/j.jtice.2014.11.002 **Published:** APR 2015

Accession Number: WOS:000357246200014

ISSN: 1876-1070

eISSN: 1876-1089

Record 3 of 14

Title: Biodegradation and detoxification of olive mill wastewater by selected strains of the mushroom genera Ganoderma and Pleurotus

Author(s): Ntougias, S (Ntougias, Spyridon); Baldrian, P (Baldrian, Petr); Ehaliotis, C (Ehaliotis, Constantinos); Nerud, F (Nerud, Frantisek); Antoniou, T (Antoniou, Theodoros); Merhautova, V (Merhautova, Vera); Zervakis, GI (Zervakis, Georgios I.)

Source: CHEMOSPHERE **Volume:** 88 **Issue:** 5 **Pages:** 620-626 **DOI:** 10.1016/j.chemosphere.2012.03.042 **Published:** JUL 2012

Accession Number: WOS:000305261900013

PubMed ID: 22480939

Author Identifiers:

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Ntougias, Spyridon		0000-0002-6389-692X
Zervakis, Georgios		0000-0002-2892-098X

ISSN: 0045-6535

Record 4 of 14

Title: Magnetic Fe₂MO₄ (M:Fe, Mn) activated carbons: Fabrication, characterization and heterogeneous Fenton oxidation of methyl orange

Author(s): Thi, DN (Thi Dung Nguyen); Ngoc, HP (Ngoc Hoa Phan); Manh, HD (Manh Huy Do); Kim, TN (Kim Tham Ngo)

Source: JOURNAL OF HAZARDOUS MATERIALS **Volume:** 185 **Issue:** 2-3 **Pages:** 653-661 **DOI:** 10.1016/j.jhazmat.2010.09.068 **Published:** JAN 30 2011

Accession Number: WOS:000286782600012

PubMed ID: 20952129

ISSN: 0304-3894

eISSN: 1873-3336

Record 5 of 14

Title: INFLUENCE OF MEDIUM pH AND SOME ADDITIVES ON KINETICS AND MECHANISM OF H₂O₂ DECOMPOSITION IN AQUEOUS SOLUTIONS

Author(s): Beylerian, NM (Beylerian, N. M.); Asaturyan, MZ (Asaturyan, M. Z.); Saroukhanian, ER (Saroukhanian, E. R.)

Source: OXIDATION COMMUNICATIONS **Volume:** 33 **Issue:** 2 **Pages:** 247-257 **Published:** 2010

Accession Number: WOS:000279751600002

ISSN: 0209-4541

Record 6 of 14

Title: Synthesis of zirconia-immobilized copper chelates for catalytic decomposition of hydrogen peroxide and the oxidation of polycyclic aromatic hydrocarbons

Author(s): Baldrian, P (Baldrian, Petr); Merhautova, V (Merhautova, Vera); Cajthaml, T (Cajthaml, Tomas); Nerud, F (Nerud, Frantisek); Stopka, P (Stopka, Pavel); Gorbacheva, O (Gorbacheva, Olga); Hruby, M (Hruby, Martin); Benes, MJ (Benes, Milan J.)

Source: CHEMOSPHERE **Volume:** 72 **Issue:** 11 **Pages:** 1721-1726 **DOI:** 10.1016/j.chemosphere.2008.04.068 **Published:** AUG 2008

Accession Number: WOS:000258901300015

PubMed ID: 18555507

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Baldrian, Petr	A-9170-2009	0000-0002-8983-2721
Cajthaml, Tomas	I-1971-2014	0000-0002-3393-1333

ISSN: 0045-6535

Record 7 of 14

Title: Self-assembly of physically crosslinked micelles of poly(2-acrylamido-2-methyl-1-propane sulphonic acid-co-isodecyl methacrylate)-copper(II) complexes

Author(s): Miguel, VS (Miguel, Veronica San); Catalina, F (Catalina, Fernando); Peinado, C (Peinado, Carmen)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 44 **Issue:** 5 **Pages:** 1368-1377 **DOI:** 10.1016/j.eurpolymj.2008.02.006 **Published:** MAY 2008

Accession Number: WOS:000256253000010

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San Miguel, Veronica	C-5451-2008	0000-0001-8014-2452
Catalina, Fernando		0000-0002-4620-8582

ISSN: 0014-3057

Record 8 of 14

Title: A kinetic model for microbial decontamination of water based on a modified Fenton reaction

Author(s): Dramou, BJ (Dramou, Bahati J.); Shah, V (Shah, Vishal); Pinto, JM (Pinto, Jose M.)

Source: ENERGY & ENVIRONMENTAL SCIENCE **Volume:** 1 **Issue:** 3 **Pages:** 395-402 **DOI:** 10.1039/b805642k **Published:** 2008

Accession Number: WOS:000263887900018

ISSN: 1754-5692

Record 9 of 14

Title: Development of a new approach for microbial decontamination of water using modified Fenton's reaction

Author(s): Shah, S (Shah, Shreya); Dzikovski, B (Dzikovski, Boris); Shah, V (Shah, Vishal)

Source: ENVIRONMENTAL POLLUTION **Volume:** 148 **Issue:** 2 **Pages:** 674-678 **DOI:** 10.1016/j.envpol.2006.11.009 **Published:**

JUL 2007

Accession Number: WOS:000247541100035

PubMed ID: 17218043

ISSN: 0269-7491

Record 10 of 14

Title: Selective oxidation of anthracene using inorganic-organic hybrid materials based on molybdovanadophosphoric acids

Author(s): Bordoloi, A (Bordoloi, Ankur); Lefebvre, E (Lefebvre, E.); Halligudi, SB (Halligudi, S. B.)

Source: JOURNAL OF CATALYSIS **Volume:** 247 **Issue:** 2 **Pages:** 166-175 **DOI:** 10.1016/j.jcat.2007.01.020 **Published:** APR 25 2007

Accession Number: WOS:000246461400005

ISSN: 0021-9517

Record 11 of 14

Title: The activity of iron-containing zeolitic materials for the catalytic oxidation in aqueous solutions

Author(s): Milojevic, M (Milojevic, M.); Dondur, V (Dondur, V.); Damjanovic, L (Damjanovic, Lj.); Rakic, V (Rakic, V.); Rajic, N (Rajic, N.); Ristic, A (Ristic, A.)

Edited by: Uskokovic DP; Milonjic SK; Rakovic DI

Source: RESEARCH TRENDS IN CONTEMPORARY MATERIALS SCIENCE **Book Series:** Materials Science Forum **Volume:** 555 **Pages:** 213-+ **DOI:** 10.4028/www.scientific.net/MSF.555.213 **Published:** 2007

Accession Number: WOS:000249653700034

Conference Title: 8th Conference of the Yugoslav-Materials-Research-Society (Yu-MRS)

Conference Date: SEP 04-08, 2006

Conference Location: Herceg Novi, MONTENEGRO

Conference Sponsors: Yugoslav Mat Res Soc

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Milojevic-Rakic, Maja		0000-0002-3590-6094

ISSN: 0255-5476

Record 12 of 14

Title: Decolorization of synthetic dyes by hydrogen peroxide with heterogeneous catalysis by mixed iron oxides

Author(s): Baldrian, P (Baldrian, P.); Merhautova, V (Merhautova, V.); Gabriel, J (Gabriel, J.); Nerud, F (Nerud, F.); Stopka, P (Stopka, P); Hruby, M (Hruby, M); Benes, MJ (Benes, MJ)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 66 **Issue:** 3-4 **Pages:** 258-264 **DOI:** 10.1016/j.apcatb.2006.04.001 **Published:** JUL 20 2006

Accession Number: WOS:000238331300013

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Gabriel, Jiri	H-2473-2014	
Hruby, Martin	H-6479-2014	
Gabriel, Jiri		0000-0001-9341-3434

ISSN: 0926-3373

Record 13 of 14

Title: The use of hydroxyl-radical-generating systems for the treatment of olive mill wastewaters

Author(s): Baldrian, P (Baldrian, P.); Zervakis, GI (Zervakis, G. I.); Merhautova, V (Merhautova, V.); Ntougias, S (Ntougias, S.); Ehaliotis, C (Ehaliotis, C.); Nerud, F (Nerud, F.)

Source: FOLIA MICROBIOLOGICA **Volume:** 51 **Issue:** 4 **Pages:** 337-341 **DOI:** 10.1007/BF02931827 **Published:** 2006

Accession Number: WOS:000240159800022

PubMed ID: 17007439

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Zervakis, Georgios		0000-0002-2892-098X

ISSN: 0015-5632

Record 14 of 14

Title: Chemicals and allied products

Author(s): Hung, YT (Hung, Yung-Tse); Kajitvichyanukul, P (Kajitvichyanukul, Puangrat); Pham, TD (Pham, Thanh Duc); Pongpom, S (Pongpom, Siriwan); Chanmanee, WC (Chanmanee, Wilaiwan Chanmanee); Yeh, RYL (Yeh, Ruth Yu-Li)

Source: WATER ENVIRONMENT RESEARCH **Volume:** 78 **Issue:** 10 **Pages:** 1585-1619 **DOI:** 10.2175/106143006X119314 **Published:** 2006

Accession Number: WOS:000251065100019

ISSN: 1061-4303

Publication No 36 of 132

Title: A simple neridronate-based surface coating strategy for upconversion nanoparticles: highly colloiddally stable I-125-radiolabeled NaYF₄:Yb³⁺/Er³⁺@PEG nanoparticles for multimodal in vivo tissue imaging

Author(s): Kostiv, U (Kostiv, Uliana); Lobaz, V (Lobaz, Volodymyr); Kucka, J (Kucka, Jan); Svec, P (Svec, Pavel); Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Janouskova, O (Janouskova, Olga); Francova, P (Francova, Pavla); Kolarova, V (Kolarova, Vera); Sefc, L (Sefc, Ludek); Horak, D (Horak, Daniel)

Source: NANOSCALE **Volume:** 9 **Issue:** 43 **Pages:** 16680-16688 **DOI:** 10.1039/c7nr05456d **Published:** NOV 21 2017

Accession Number: WOS:000414960900019

PubMed ID: 29067394

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Kucka, Jan	G-7884-2014	
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
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Hruby, Martin	H-6479-2014	
		0000-0001-5124-0926

ISSN: 2040-3364

eISSN: 2040-3372

Record 1 of 13

Title: Synthesis and modification of uniform PEG-neridronate-modified magnetic nanoparticles determines prolonged blood circulation and biodistribution in a mouse preclinical model

Author(s): Patsula, V (Patsula, Vitalii); Horak, D (Horak, Daniel); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Lobaz, V (Lobaz, Volodymyr); Francova, P (Francova, Pavla); Herynek, V (Herynek, Vit); Heizer, T (Heizer, Tomas); Paral, P (Paral, Petr); Sefc, L (Sefc, Ludek)

Source: SCIENTIFIC REPORTS **Volume:** 9 **Article Number:** 10765 **DOI:** 10.1038/s41598-019-47262-w **Published:** JUL 24 2019

Accession Number: WOS:000476874600063

PubMed ID: 31341232

Author Identifiers:

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Sefc, Ludek	J-1848-2014	0000-0003-2846-220X

ISSN: 2045-2322

Record 2 of 13

Title: In Situ In Vivo radiolabeling of polymer-coated hydroxyapatite nanoparticles to track their biodistribution in mice

Author(s): Lobaz, V (Lobaz, Volodymyr); Konefal, R (Konefal, Rafal); Panek, J (Panek, Jiri); Vlk, M (Vlk, Martin); Kozempel, J (Kozempel, Jan); Petrik, M (Petrik, Milos); Novy, Z (Novy, Zbynek); Gurska, S (Gurska, Sona); Znojek, P (Znojek, Pawel); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 179 **Pages:** 143-152 **DOI:** 10.1016/j.colsurfb.2019.03.057 **Published:** JUL 1 2019

Accession Number: WOS:000471736600017

PubMed ID: 30954015

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Petrik, Milos		0000-0003-1334-5916

ISSN: 0927-7765

eISSN: 1873-4367

Record 3 of 13

Title: Click-conjugated photon-upconversion nanoparticles in an immunoassay for honeybee pathogen *Melissococcus plutonius*

Author(s): Polachova, V (Polachova, Veronika); Pastucha, M (Pastucha, Matej); Mikusova, Z (Mikusova, Zuzana); Mickert, MJ (Mickert, Matthias J.); Hlavacek, A (Hlavacek, Antonin); Gorris, HH (Gorris, Hans H.); Skladal, P (Skladal, Petr); Farka, Z (Farka, Zdenek)

Source: NANOSCALE **Volume:** 11 **Issue:** 17 **Pages:** 8343-8351 **DOI:** 10.1039/c9nr01246j **Published:** MAY 7 2019

Accession Number: WOS:000466774500026

PubMed ID: 30984949

Author Identifiers:

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Mickert, Matthias		0000-0002-1542-5998
Hlavacek, Antonin		0000-0003-3358-3858
Gorris, Hans	H-7474-2015	0000-0003-1148-4293

ISSN: 2040-3364

eISSN: 2040-3372

Record 4 of 13

Title: Detecting Variable Resistance by Fluorescence Intensity Ratio Technology

Author(s): Sheng, WJ (Sheng, Wanjun); Wang, XF (Wang, Xiangfu); Tao, Y (Tao, Yong); Yan, XH (Yan, Xiaohong)

Source: SENSORS **Volume:** 19 **Issue:** 10 **Article Number:** 2400 **DOI:** 10.3390/s19102400 **Published:** MAY 2 2019

Accession Number: WOS:000471014500187

PubMed ID: 31130683

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Xiangfu	K-2871-2013	0000-0003-2365-3357

ISSN: 1424-8220

Record 5 of 13

Title: Lanthanide nanoparticles for high sensitivity multiparameter single cell analysis

Author(s): Pichaandi, J (Pichaandi, Jothirmayanantham); Zhao, GY (Zhao, Guangyao); Bouzekri, A (Bouzekri, Alexandre); Lu, E (Lu, Elsa); Ornatsky, O (Ornatsky, Olga); Baranov, V (Baranov, Vladimir); Nitz, M (Nitz, Mark); Winnik, MA (Winnik, Mitchell A.)

Source: CHEMICAL SCIENCE **Volume:** 10 **Issue:** 10 **Pages:** 2965-2974 **DOI:** 10.1039/c8sc04407d **Published:** MAR 14 2019

Accession Number: WOS:000461509800009

PubMed ID: 30996875

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Winnik, Mitchell		0000-0002-2673-2141

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eISSN: 2041-6539

Record 6 of 13

Title: Critical Considerations on the Clinical Translation of Upconversion Nanoparticles (UCNPs): Recommendations from the European Upconversion Network (COST Action CM1403)

Author(s): Oliveira, H (Oliveira, Helena); Bednarkiewicz, A (Bednarkiewicz, Artur); Falk, A (Falk, Andreas); Frohlich, E (Froehlich, Eleonore); Lisjak, D (Lisjak, Darja); Prina-Mello, A (Prina-Mello, Adriele); Resch, S (Resch, Susanne); Schimpel, C (Schimpel, Christa); Vreck, IV (Vreck, Ivana Vinkovic); Wysokinska, E (Wysokinska, Edyta); Gorris, HH (Gorris, Hans H.)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 8 **Issue:** 1 **Article Number:** 1801233 **DOI:** 10.1002/adhm.201801233 **Published:** JAN 10 2019

Accession Number: WOS:000455779200006

PubMed ID: 30536962

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Gorris, Hans	H-7474-2015	0000-0003-1148-4293

ISSN: 2192-2640

eISSN: 2192-2659

Record 7 of 13

Title: Perspective: lanthanide-doped upconverting nanoparticles

Author(s): Mandl, GA (Mandl, Gabrielle A.); Cooper, DR (Cooper, Daniel R.); Hirsch, T (Hirsch, Thomas); Seuntjens, J (Seuntjens, Jan); Capobianco, JA (Capobianco, John A.)

Source: METHODS AND APPLICATIONS IN FLUORESCENCE **Volume:** 7 **Issue:** 1 **Article Number:** 012004 **DOI:** 10.1088/2050-6120/aafa3d **Published:** JAN 2019

Accession Number: WOS:000456335900001

PubMed ID: 30572318

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Hirsch, Thomas	A-7601-2010	0000-0002-4224-4762
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ISSN: 2050-6120

Record 8 of 13

Title: The Interaction between Quantum Dots and Graphene: The Applications in Graphene-Based Solar Cells and Photodetectors

Author(s): Wu, JH (Wu, Jianghong); Lu, YH (Lu, Yanghua); Feng, SR (Feng, Sirui); Wu, ZQ (Wu, Zhiqian); Lin, SY (Lin, Shuyuan); Hao, ZZ (Hao, Zhenzhen); Yao, TY (Yao, Tianyi); Li, XM (Li, Xinming); Zhu, HW (Zhu, Hongwei); Lin, SS (Lin, Shisheng)

Source: ADVANCED FUNCTIONAL MATERIALS **Volume:** 28 **Issue:** 50 **Article Number:** 1804712 **DOI:** 10.1002/adfm.201804712 **Published:** DEC 12 2018

Accession Number: WOS:000456421000011

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ISSN: 1616-301X

eISSN: 1616-3028

Record 9 of 13

Title: Percolation limited emission intensity from upconverting NaYF₄:Yb³⁺,Er³⁺ nanocrystals - a single nanocrystal optical study

Author(s): Podhorodecki, A (Podhorodecki, A.); Krajnik, B (Krajnik, B.); Golacki, LW (Golacki, L. W.); Kostiv, U (Kostiv, U.); Pawlik, G (Pawlik, G.); Kaczmarek, M (Kaczmarek, M.); Horak, D (Horak, D.)

Source: NANOSCALE **Volume:** 10 **Issue:** 45 **Pages:** 21186-21196 **DOI:** 10.1039/c8nr05961f **Published:** DEC 7 2018

Accession Number: WOS:000451738900027

PubMed ID: 30417193

Author Identifiers:

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Krajnik, Bartosz		0000-0001-6082-0439

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Record 10 of 13

Title: BaCaLu₂F₁₀:Ln(3+) (Ln = Eu, Dy, Tb, Sm, Yb/Er, Yb/Ho) spheres: ionic liquid-based synthesis and luminescence properties

Author(s): Liu, W (Liu, Wei); Sun, Q (Sun, Qi); Yan, M (Yan, Ming); Song, YH (Song, Yanhua); Zhou, X (Zhou, Xiuqing); Sheng, Y (Sheng, Ye); Zheng, KY (Zheng, Keyan); Zou, HF (Zou, Haifeng)

Source: CRYSTENGCOMM **Volume:** 20 **Issue:** 40 **Pages:** 6173-6182 **DOI:** 10.1039/c8ce01080c **Published:** OCT 28 2018

Accession Number: WOS:000448342600007

ISSN: 1466-8033

Record 11 of 13

Title: A water-soluble, upconverting Sr₂Yb_{0.3}Gd_{0.7}F₇:Er³⁺/Tm³⁺@PSIoAm bio-probe for in vivo trimodality imaging

Author(s): Xiang, LJ (Xiang, Li-Jun); Zhu, XJ (Zhu, Xiao-Jiao); Zhang, HH (Zhang, Hui-Hui); Yang, L (Yang, Li); Deng, KX (Deng, Ke-Xue); Liu, Y (Liu, Ying); Ye, MS (Ye, Ming-Shan); Hu, L (Hu, Long); Yang, XY (Yang, Xing-Yuan); Zhou, HP (Zhou, Hong-Ping)

Source: NANOSCALE **Volume:** 10 **Issue:** 30 **Pages:** 14414-14420 **DOI:** 10.1039/c8nr03220c **Published:** AUG 14 2018

Accession Number: WOS:000441583400043

PubMed ID: 29897095

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zhu, xiaojiao		0000-0002-8128-9402

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Record 12 of 13

Title: Multicolor Emission in Chemically and Structurally Tunable Er:Yb:SrFX (X = Cl, Br) Upconverting Nanocrystals

Author(s): Dissanayake, KT (Dissanayake, K. Tauni); Rabuffetti, FA (Rabuffetti, Federico A.)

Source: CHEMISTRY OF MATERIALS **Volume:** 30 **Issue:** 7 **Pages:** 2453-2462 **DOI:** 10.1021/acs.chemmater.8b00653 **Published:** APR 10 2018

Accession Number: WOS:000430023700032

ISSN: 0897-4756

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Record 13 of 13

Title: Rapid Synthesis of Sub-10nm Hexagonal NaYF₄-Based Upconverting Nanoparticles using Therminol((R))66

Author(s): Hesse, J (Hesse, Julia); Klier, DT (Klier, Dennis T.); Sgarzi, M (Sgarzi, Massimo); Nsubuga, A (Nsubuga, Anne); Bauer, C (Bauer, Christoph); Grenzer, J (Grenzer, Joerg); Hubner, R (Huebner, Rene); Wislicenus, M (Wislicenus, Marcus); Joshi, T (Joshi, Tanmaya); Kumke, MU (Kumke, Michael U.); Stephan, H (Stephan, Holger)

Source: CHEMISTRY OPEN **Volume:** 7 **Issue:** 2 **Pages:** 159-168 **DOI:** 10.1002/open.201700186 **Published:** FEB 2018

Accession Number: WOS:000426495300005

PubMed ID: 29435401

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ISSN: 2191-1363

Publication No 37 of 132

Title: System with embedded drug release and nanoparticle degradation sensor showing efficient rifampicin delivery into macrophages

Author(s): Trousil, J (Trousil, Jiri); Filippov, SK (Filippov, Sergey K.); Hruby, M (Hruby, Martin); Mazel, T (Mazel, Tomas); Syrova, Z (Syrova, Zdenka); Cmarko, D (Cmarko, Dusan); Svidenska, S (Svidenska, Silvie); Matejkova, J (Matejkova, Jana); Kovacik, L (Kovacik, Lubomir); Porsch, B (Porsch, Bedrich); Konefal, R (Konefal, Rafal); Lund, R (Lund, Reidar); Nystrom, B (Nystrom, Bo); Raska, I (Raska, Ivan); Stepanek, P (Stepanek, Petr)

Source: NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE **Volume:** 13 **Issue:** 1 **Pages:** 307-315 **DOI:** 10.1016/j.nano.2016.08.031 **Published:** JAN 2017

Accession Number: WOS:000396378200028

PubMed ID: 27613399

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Raska, Ivan	H-2326-2017	0000-0002-2583-5595
Lund, Reidar	F-3534-2014	
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Svidenska, Silvie	K-1995-2016	0000-0001-5075-1273
Mazel, Tomas		0000-0003-1837-2518

ISSN: 1549-9634

eISSN: 1549-9642

Record 1 of 12

Title: Selectively Biodegradable Polyesters: Nature-Inspired Construction Materials for Future Biomedical Applications

Author(s): Urbanek, T (Urbanek, Tomas); Jager, E (Jaeger, Eliezer); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin)

Source: POLYMERS **Volume:** 11 **Issue:** 6 **Article Number:** 1061 **DOI:** 10.3390/polym11061061 **Published:** JUN 2019

Accession Number: WOS:000473819100133

PubMed ID: 31248100

eISSN: 2073-4360

Record 2 of 12

Title: Rifampicin Nanoformulation Enhances Treatment of Tuberculosis in Zebrafish

Author(s): Trousil, J (Trousil, Jiri); Syrova, Z (Syrova, Zdenka); Dal, NJK (Dal, Nils-Jorgen K.); Rak, D (Rak, Dmytro); Konefal, R (Konefal, Rafal); Pavlova, E (Pavlova, Ewa); Matejkova, J (Matejkova, Jana); Cmarko, D (Cmarko, Dusan); Kubickova, P (Kubickova, Pavla); Pavlis, O (Pavlis, Oto); Urbanek, T (Urbanek, Tomas); Sedlak, M (Sedlak, Marian); Fenaroli, F (Fenaroli, Federico); Raska, I (Raska, Ivan); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 4 **Pages:** 1798-1815 **DOI:** 10.1021/acs.biomac.9b00214 **Published:** APR 2019

Accession Number: WOS:000464248300033

PubMed ID: 30785284

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Hruby, Martin	H-6479-2014	
Pavlova, Ewa	H-6195-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Rak, Dmytro		0000-0001-7531-7772

ISSN: 1525-7797

eISSN: 1526-4602

Record 3 of 12

Title: Multifunctional Containers from Anionic Liposomes and Cationic Polymers/Colloids

Author(s): Yaroslavov, AA (Yaroslavov, A. A.); Sybachin, AV (Sybachin, A. V.); Sandzhieva, AV (Sandzhieva, A. V.); Zaborova, OV (Zaborova, O. V.)

Source: POLYMER SCIENCE SERIES C **Volume:** 60 **Pages:** 179-191 **DOI:** 10.1134/S1811238218020224 **Supplement:** 1 **Published:** DEC 2018

Accession Number: WOS:000451712800019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yaroslavov, Alexander	V-2496-2019	
Shoba, Sergei		0000-0001-9889-5831

ISSN: 1811-2382

eISSN: 1555-614X

Record 4 of 12

Title: Novel block glycopolymers prepared as delivery nanocarriers for controlled release of bortezomib

Author(s): Zhang, XT (Zhang, Xiaoting); Yuan, TY (Yuan, Tianyu); Dong, HL (Dong, Hailiang); Xu, JM (Xu, Jiaming); Wang, DY (Wang, Danyue); Tong, H (Tong, Han); Ji, XH (Ji, Xiaohuan); Sun, B (Sun, Bin); Zhu, MF (Zhu, Meifang); Jiang, XZ (Jiang, Xiaoze)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 296 **Issue:** 11 **Pages:** 1827-1839 **DOI:** 10.1007/s00396-018-4406-8 **Published:** NOV 2018

Accession Number: WOS:000448691100010

PubMed ID: 30416246

ISSN: 0303-402X

eISSN: 1435-1536

Record 5 of 12

Title: Nanoparticles Based on Poly(trimethylene carbonate) Triblock Copolymers with Post-Crystallization Ability and Their Degradation in vitro

Author(s): Reiniova, L (Reiniova, Lucie); Novotny, F (Novotny, Filip); Pumera, M (Pumera, Martin); Kolostova, K (Kolostova, Katarina); Hermanova, S (Hermanova, Sona)

Source: MACROMOLECULAR RESEARCH **Volume:** 26 **Issue:** 11 **Pages:** 1026-1034 **DOI:** 10.1007/s13233-019-7007-6 **Published:** NOV 2018

Accession Number: WOS:000452253500010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Pumera, Martin	F-2724-2010	0000-0001-5846-2951
Hermanova, Sona	A-4643-2016	0000-0002-9491-9100
Reinisova, Lucie		0000-0002-6284-6103

ISSN: 1598-5032

eISSN: 2092-7673

Record 6 of 12

Title: Nanotechnology in Tuberculosis: State of the Art and the Challenges Ahead

Author(s): Grotz, E (Grotz, Estefania); Tateosian, N (Tateosian, Nancy); Amiano, N (Amiano, Nicolas); Cagel, M (Cagel, Maximiliano); Bernabeu, E (Bernabeu, Ezequiel); Chiappetta, DA (Chiappetta, Diego A.); Moretton, MA (Moretton, Marcela A.)

Source: PHARMACEUTICAL RESEARCH **Volume:** 35 **Issue:** 11 **Article Number:** UNSP 213 **DOI:** 10.1007/s11095-018-2497-z **Published:** NOV 2018

Accession Number: WOS:000445209700002

PubMed ID: 30238168

ISSN: 0724-8741

eISSN: 1573-904X

Record 7 of 12

Title: Fluorophilic-Lipophilic-Hydrophilic Poly(2-oxazoline) Block Copolymers as MRI Contrast Agents: From Synthesis to Self-Assembly

Author(s): Kabarov, LI (Kabarov, Leonid I.); Verbraeken, B (Verbraeken, Bart); Riabtseva, A (Riabtseva, Anna); Brus, J (Brus, Jiri); Radulescu, A (Radulescu, Aurel); Talmon, Y (Talmon, Yeshayahu); Stepanek, P (Stepanek, Petr); Hoogenboom, R (Hoogenboom, Richard); Filippov, SK (Filippov, Sergey K.)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 15 **Pages:** 6047-6056 **DOI:** 10.1021/acs.macromol.8b00957 **Published:** AUG 14 2018

Accession Number: WOS:000442185700061

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Talmon, Yeshayahu	N-1076-2019	0000-0002-9854-3972
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Radulescu, Aurel		0000-0002-6050-0176

ISSN: 0024-9297

eISSN: 1520-5835

Record 8 of 12

Title: Insights into the Kinetics of the Resistance Formation of Bacteria against Ciprofloxacin Poly(2-methyl-2-oxazoline) Conjugates

Author(s): Schmidt, M (Schmidt, Martin); Romanovska, A (Romanovska, Alina); Wolf, Y (Wolf, Youssef); Nguyen, TD (Nguyen, Thanh-Duong); Krupp, A (Krupp, Anna); Tumbrink, HL (Tumbrink, Hannah L.); Lategahn, J (Lategahn, Jonas); Volmer, J (Volmer, Jan); Rauh, D (Rauh, Daniel); Luetz, S (Luetz, Stephan); Krumm, C (Krumm, Christian); Tiller, JC (Tiller, Joerg C.)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 29 **Issue:** 8 **Pages:** 2671-2678 **DOI:** 10.1021/acs.bioconjchem.8b00361 **Published:** AUG 2018

Accession Number: WOS:000442185500019

PubMed ID: 29927244

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lutz, Stephan	B-9304-2009	0000-0001-8534-0554
Lategahn, Jonas		0000-0001-5993-7082

ISSN: 1043-1802

Record 9 of 12

Title: Poly(ethylene oxide monomethyl ether)-block-poly(propylene succinate) Nanoparticles: Synthesis and Characterization, Enzymatic and Cellular Degradation, Micellar Solubilization of Paclitaxel, and in Vitro and in Vivo Evaluation

Author(s): Jager, A (Jager, Alessandro); Jager, E (Jager, Eliezer); Syrova, Z (Syrova, Zdenka); Mazel, T (Mazel, Tomas); Kovacik, L (Kovacik, Lubomir); Raska, I (Raska, Ivan); Hoherl, A (Hoherl, Anita); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Humajova, J (Humajova, Jana); Pouckova, P (Pouckova, Pavla); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 7 **Pages:** 2443-2458 **DOI:** 10.1021/acs.biomac.8b00048 **Published:** JUL 2018

Accession Number: WOS:000438470800009

PubMed ID: 29601729

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hoherl, Anita	G-6222-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Jager, Alessandro	D-8647-2016	

ISSN: 1525-7797

eISSN: 1526-4602

Record 10 of 12

Title: Fluorescence & bioluminescence in the quest for imaging, probing & analysis of mycobacterial infections

Author(s): Trousil, J (Trousil, Jiri); Ulmann, V (Ulmann, Vit); Hruby, M (Hruby, Martin)

Source: FUTURE MICROBIOLOGY **Volume:** 13 **Issue:** 8 **Pages:** 933-951 **DOI:** 10.2217/fmb-2017-0296 **Published:** JUN 2018

Accession Number: WOS:000437922900010

PubMed ID: 29893148

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247
Hruby, Martin	H-6479-2014	
Ulmann, Vit		0000-0002-5203-8276

ISSN: 1746-0913

eISSN: 1746-0921

Record 11 of 12

Title: Polymeric nanoparticle constructs as devices for antibacterial therapy

Author(s): Parisi, OI (Parisi, Ortensia Ilaria); Scrivano, L (Scrivano, Luca); Sinicropi, MS (Sinicropi, Maria Stefania); Puoci, F (Puoci, Francesco)

Source: CURRENT OPINION IN PHARMACOLOGY **Volume:** 36 **Pages:** 72-77 **DOI:** 10.1016/j.coph.2017.08.004 **Published:** OCT 2017

Accession Number: WOS:000419665100013

PubMed ID: 28892800

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Scrivano, Luca	O-6660-2019	
Parisi, Ortensia Ilaria		0000-0002-2556-9864
Scrivano, Luca	E-3293-2018	0000-0003-3773-5492

ISSN: 1471-4892

eISSN: 1471-4973

Record 12 of 12

Title: Novel nanoparticle delivery systems for rifampicin: an effective strategy against tuberculosis?

Author(s): Trousil, J (Trousil, Jiri); Hruby, M (Hruby, Martin)

Source: NANOMEDICINE **Volume:** 12 **Issue:** 12 **Pages:** 1359-1361 **DOI:** 10.2217/nnm-2017-0117 **Published:** JUN 2017

Accession Number: WOS:000403575000002

PubMed ID: 28524809

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247

ISSN: 1743-5889
eISSN: 1748-6963

Publication No 38 of 132

Title: Bifunctional Cyclam-Based Ligands with Phosphorus Acid Pendant Moieties for Radiocopper Separation: Thermodynamic and Kinetic Studies

Author(s): Paurova, M (Paurova, Monika); Havlickova, J (Havlickova, Jana); Pospisilova, A (Pospisilova, Aneta); Vetrik, M (Vetrik, Miroslav); Cisarova, I (Cisarova, Ivana); Stephan, H (Stephan, Holger); Pietzsch, HJ (Pietzsch, Hans-Juergen); Hruby, M (Hruby, Martin); Hermann, P (Hermann, Petr); Kotek, J (Kotek, Jan)

Source: CHEMISTRY-A EUROPEAN JOURNAL **Volume:** 21 **Issue:** 12 **Pages:** 4671-4687 **DOI:** 10.1002/chem.201405777 **Published:** MAR 16 2015

Accession Number: WOS:000350760000029

PubMed ID: 25649310

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stephan, Holger	F-9789-2014	0000-0002-2972-2803
Kotek, Jan	B-1157-2017	0000-0003-1777-729X
Hruby, Martin	H-6479-2014	
Havlickova, Jana	S-3262-2017	0000-0002-3417-109X
Hermann, Petr	A-1880-2008	0000-0001-6250-5125
Cisarova, Ivana	B-1385-2017	0000-0002-9612-9831
Vetrik, Miroslav	G-3495-2014	
Paurova, Monika	B-1160-2017	0000-0002-2192-6844

ISSN: 0947-6539

eISSN: 1521-3765

Record 1 of 12

Title: Radiolabeling of the antibody IgG M75 for epitope of human carbonic anhydrase IX by Cu-61 and Cu-64 and its biological testing

Author(s): Cepa, A (Cepa, Adam); Ralis, J (Ralis, Jan); Maresova, L (Maresova, Lenka); Kleinova, M (Kleinova, Marketa); Seifert, D (Seifert, Daniel); Sieglöva, I (Sieglöva, Irena); Kral, V (Kral, Vlastimil); Polasek, M (Polasek, Miloslav); Paurova, M (Paurova, Monika); Laznick, M (Laznick, Milan); Lebeda, O (Lebeda, Ondrej)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 143 **Pages:** 87-97 **DOI:** 10.1016/j.apradiso.2018.10.021 **Published:** JAN 2019

Accession Number: WOS:000453338900014

PubMed ID: 30391716

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kral, Vlastimil	G-3605-2014	
Polasek, Miloslav	G-5949-2014	0000-0003-1539-907X
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0969-8043

Record 2 of 12

Title: Improved Conjugation, 64-Cu Radiolabeling, in Vivo Stability, and Imaging Using Nonprotected Bifunctional Macrocyclic Ligands: Bis(Phosphinate) Cyclam (BPC) Chelators

Author(s): David, T (David, Tomas); Hlinova, V (Hlinova, Veronika); Kubicek, V (Kubicek, Vojtech); Bergmann, R (Bergmann, Ralf);

Striese, F (Striese, Franziska); Berndt, N (Berndt, Nicole); Szollosi, D (Szollosi, David); Kovacs, T (Kovacs, Tibor); Mathe, D (Mathe, Domokos); Bachmann, M (Bachmann, Michael); Pietzsch, HJ (Pietzsch, Hans-Juergen); Hermann, P (Hermann, Petr)

Source: JOURNAL OF MEDICINAL CHEMISTRY **Volume:** 61 **Issue:** 19 **Pages:** 8774-8796 **DOI:** 10.1021/acs.jmedchem.8b00932 **Published:** OCT 11 2018

Accession Number: WOS:000447470700018

PubMed ID: 30180567

ISSN: 0022-2623

eISSN: 1520-4804

Record 3 of 12

Title: Optimization of the selectivity and rate of copper radioisotope complexation: formation and dissociation kinetic studies of 1,4,8-trimethylcyclam-based ligands with different coordinating pendant arms

Author(s): Paurova, M (Paurova, Monika); David, T (David, Tomas); Cisarova, I (Cisarova, Ivana); Lubal, P (Lubal, Premysl); Hermann, P (Hermann, Petr); Kotek, J (Kotek, Jan)

Source: NEW JOURNAL OF CHEMISTRY **Volume:** 42 **Issue:** 14 **Pages:** 11908-11929 **DOI:** 10.1039/c8nj00419f **Published:** JUL 21 2018

Accession Number: WOS:000438394800083

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hermann, Petr A-1880-2008		0000-0001-6250-5125
Kotek, Jan B-1157-2017		0000-0003-1777-729X

ISSN: 1144-0546

eISSN: 1369-9261

Record 4 of 12

Title: Design Strategies of Metal Complexes Based on Chelating Polymer Ligands and Their Application in Nanomaterials Science

Author(s): Dzhardimalieva, GI (Dzhardimalieva, Gulzhian I.); Uflyand, IE (Uflyand, Igor E.)

Source: JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS **Volume:** 28 **Issue:** 4 **Pages:** 1305-1393 **DOI:** 10.1007/s10904-018-0841-8 **Published:** JUL 2018

Accession Number: WOS:000435603300001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
, Uflyand B-7664-2015		0000-0002-7164-8168
Dzhardimalieva, Gulzhian I I-8055-2013		0000-0002-4727-8910

ISSN: 1574-1443

eISSN: 1574-1451

Record 5 of 12

Title: In vitro evaluation of the monoclonal antibody Cu-64-IgG M75 against human carbonic anhydrase IX and its in vivo imaging

Author(s): Cepa, A (Cepa, Adam); Ralis, J (Ralis, Jan); Kral, V (Kral, Vlastimil); Paurova, M (Paurova, Monika); Kucka, J (Kucka, Jan); Humajova, J (Humajova, Jana); Laznicek, M (Laznicek, Milan); Lebeda, O (Lebeda, Ondrej)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 133 **Pages:** 9-13 **DOI:** 10.1016/j.apradiso.2017.12.013 **Published:** MAR 2018

Accession Number: WOS:000425577300003

PubMed ID: 29272822

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lebeda, Ondrej G-9328-2014		0000-0001-5810-1339
Kucka, Jan G-7884-2014		
Kral, Vlastimil G-3605-2014		

ISSN: 0969-8043

Record 6 of 12

Title: From ion exchange resins to polymer-supported reagents: an evolution of critical variables

Author(s): Alexandratos, SD (Alexandratos, Spiro D.)

Source: JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY **Volume:** 93 **Issue:** 1 **Pages:** 20-27 **DOI:** 10.1002/jctb.5457 **Published:** JAN 2018

Accession Number: WOS:000417508100004

ISSN: 0268-2575

eISSN: 1097-4660

Record 7 of 12**Title:** Metal Complexes with Polymer Chelating Ligands**Author(s):** Dzhardimalieva, GI (Dzhardimalieva, Gulzhian I.); Uflyand, IE (Uflyand, Igor E.)**Book Author(s):** Dzhardimalieva, GI (Dzhardimalieva, GI); Uflyand, IE (Uflyand, IE)**Source:** CHEMISTRY OF POLYMERIC METAL CHELATES **Book Series:** Springer Series in Materials Science **Volume:** 257 **Pages:** 199-366 **DOI:** 10.1007/978-3-319-56024-3_3 **Published:** 2018**Accession Number:** WOS:000441502200004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Dzhardimalieva, Gulzhian I	I-8055-2013	0000-0002-4727-8910
, Uflyand	B-7664-2015	0000-0002-7164-8168

ISSN: 0933-033X**eISSN:** 2196-2812**ISBN:** 978-3-319-56024-3; 978-3-319-56022-9**Book DOI:** 10.1007/978-3-319-56024-3**Record 8 of 12****Title:** Formation and decomplexation kinetics of copper(II) complexes with cyclen derivatives having mixed carboxylate and phosphonate pendant arms**Author(s):** Sevcik, R (Sevcik, R.); Vanek, J (Vanek, J.); Michalicova, R (Michalicova, R.); Lubal, P (Lubal, P.); Hermann, P (Hermann, P.); Santos, IC (Santos, I. C.); Santos, I (Santos, I.); Campello, MPC (Campello, M. P. C.)**Source:** DALTON TRANSACTIONS **Volume:** 45 **Issue:** 32 **Pages:** 12723-12733 **DOI:** 10.1039/c6dt01127f **Published:** AUG 28 2016**Accession Number:** WOS:000381478500017**PubMed ID:** 27460053

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Santos, Isabel	J-5649-2013	0000-0001-8350-480X
Lubal, Premysl	E-3036-2012	0000-0002-6334-6557
Cabral Campello, Maria Paula	J-6851-2013	0000-0003-2017-3358
Sevcik, Radek	H-2146-2014	0000-0002-0257-5436

ISSN: 1477-9226**eISSN:** 1477-9234**Record 9 of 12****Title:** Late First-Row Transition-Metal Complexes Containing a 2-Pyridylmethyl Pendant-Armed 15-Membered Macrocyclic Ligand. Field-Induced Slow Magnetic Relaxation in a Seven-Coordinate Cobalt(II) Compound**Author(s):** Antal, P (Antal, Peter); Drahos, B (Drahos, Bohuslav); Herchel, R (Herchel, Radovan); Travnicek, Z (Travnicek, Zdenek)**Source:** INORGANIC CHEMISTRY **Volume:** 55 **Issue:** 12 **Pages:** 5957-5972 **DOI:** 10.1021/acs.inorgchem.6b00415 **Published:** JUN 20 2016**Accession Number:** WOS:000378369900031**PubMed ID:** 27245288

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Herchel, Radovan	B-4339-2008	0000-0001-8262-4666
Antal, Peter		0000-0002-5513-6410
Travnicek, Zdenek		0000-0002-5890-7874

ISSN: 0020-1669**eISSN:** 1520-510X**Record 10 of 12****Title:** Cyclams with Ambidentate Methylthiazolyl Pendants for Stable, Inert, and Selective Cu(II) Coordination**Author(s):** Rodriguez-Rodriguez, A (Rodriguez-Rodriguez, Aurora); Halime, Z (Halime, Zakaria); Lima, LMP (Lima, Luis M. P.); Beyler, M (Beyler, Maryline); Deniaud, D (Deniaud, David); Le Poul, N (Le Poul, Nicolas); Delgado, R (Delgado, Rita); Platas-Iglesias, C (Platas-Iglesias, Carlos); Patinec, V (Patinec, Veronique); Tripier, R (Tripier, Raphael)**Source:** INORGANIC CHEMISTRY **Volume:** 55 **Issue:** 2 **Pages:** 619-632 **DOI:** 10.1021/acs.inorgchem.5b01779 **Published:** JAN 18 2016**Accession Number:** WOS:000369211700031**PubMed ID:** 26700420

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Platas-Iglesias, Carlos	L-4592-2013	0000-0002-6989-9654
Platas-Iglesias, Carlos	Y-9262-2018	0000-0002-6989-9654
Lima, Luis	B-3757-2011	0000-0002-9729-330X
Rodriguez-Rodriguez, Aurora	M-7234-2018	0000-0002-4951-4470
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Halime, Zakaria		0000-0003-3080-9727
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ISSN: 0020-1669
eISSN: 1520-510X

Record 11 of 12

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 12 of 12

Title: Cyclam Derivatives with a Bis(phosphinate) or a Phosphinato-Phosphonate Pendant Arm: Ligands for Fast and Efficient Copper(II) Complexation for Nuclear Medical Applications

Author(s): David, T (David, Tomas); Kubicek, V (Kubicek, Vojtech); Gutten, O (Gutten, Ondrej); Lubal, P (Lubal, Premysl); Kotek, J (Kotek, Jan); Pietzsch, HJ (Pietzsch, Hans-Juergen); Rulisek, L (Rulisek, Lubomir); Hermann, P (Hermann, Petr)

Source: INORGANIC CHEMISTRY **Volume:** 54 **Issue:** 24 **Pages:** 11751-11766 **DOI:** 10.1021/acs.inorgchem.5b01791 **Published:** DEC 21 2015

Accession Number: WOS:000367118100020

PubMed ID: 26615961

Author Identifiers:

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Kubicek, Vojtech	I-6607-2016	0000-0003-0171-5713
Hermann, Petr	A-1880-2008	0000-0001-6250-5125
Kotek, Jan	B-1157-2017	0000-0003-1777-729X
Lubal, Premysl	E-3036-2012	0000-0002-6334-6557
Gutten, Ondrej		0000-0003-2955-6275

ISSN: 0020-1669

eISSN: 1520-510X

Publication No 39 of 132

Title: New Binary Thermoresponsive Polymeric System for Local Chemoradiotherapy

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Konak, C (Konak, Cestmir); Vetrik, M (Vetrik, Miroslav); Kozempel, J (Kozempel, Jan); Lebeda, O (Lebeda, Ondrej)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 111 **Issue:** 5 **Pages:** 2220-2228 **DOI:** 10.1002/app.29237 **Published:** MAR 5 2009

Accession Number: WOS:000262322900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konak, Cestmir	H-7177-2014	
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Kozempel, Jan	E-2281-2011	0000-0002-6315-9225

Vetrik, Miroslav G-3495-2014
Kucka, Jan G-7884-2014
Mackova, Hana G-3247-2014
Lebeda, Ondrej G-9328-2014
Kozempel, Jan J-1088-2019

0000-0001-5810-1339
0000-0002-6315-9225

ISSN: 0021-8995

Record 1 of 12

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Nadar, Robin	E-1828-2016	
Stephan, Holger	F-9789-2014	0000-0002-2972-2803
Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 2 of 12

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 3 of 12

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 4 of 12

Title: Thermoresponsive polymer system based on poly(N-vinylcaprolactam) intended for local radiotherapy applications

Author(s): Cernoch, P (Cernoch, Peter); Cernochova, Z (Cernochova, Zulfiya); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Petrova, S (Petrova, Svetlana); Stepanek, P (Stepanek, Petr)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 98 **Pages:** 7-12 **DOI:** 10.1016/j.apradiso.2015.01.005 **Published:** APR 2015

Accession Number: WOS:000352245100002

PubMed ID: 25617711

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Petrova, Svetlana	S-9341-2018	0000-0003-1516-1002
Cernochova, Zulfiya	H-6730-2014	
Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Petrova, Svetlana	H-3384-2014	0000-0001-7364-4737

ISSN: 0969-8043

Record 5 of 12

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

eISSN: 1521-3927

Record 6 of 12

Title: One-pot synthesis of hyperbranched glycopolymers by RAFT polymerization

Author(s): Wei, ZK (Wei, Zhenke); Hao, XJ (Hao, Xiaojuan); Gan, ZH (Gan, Zhihua); Hughes, TC (Hughes, Timothy C.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 50 **Issue:** 12 **Pages:** 2378-2388 **DOI:** 10.1002/pola.26012 **Published:** JUN 15 2012

Accession Number: WOS:000303758200008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hao, Xiaojuan	C-6989-2009	
Hughes, Timothy	A-9319-2011	0000-0002-7990-4509
Hao, Xiaojuan		0000-0003-2705-0000

ISSN: 0887-624X

Record 7 of 12

Title: Controlled synthesis of radiolabelled amine methacrylate water-soluble polymers with end-groups of varying hydrophobicity and studies of adsorption behaviour

Author(s): Long, M (Long, Mark); Thornthwaite, DW (Thornthwaite, David W.); Rogers, SH (Rogers, Suzanne H.); Livens, FR (Livens, Francis R.); Rannard, SP (Rannard, Steve P.)

Source: POLYMER CHEMISTRY **Volume:** 3 **Issue:** 1 **Pages:** 154-161 **DOI:** 10.1039/c1py00397f **Published:** 2012

Accession Number: WOS:000298547200017

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Rannard, Steve		0000-0002-6946-1097

ISSN: 1759-9954

Record 8 of 12

Title: Thermoresponsive polymeric radionuclide delivery system-An injectable brachytherapy

Author(s): Hruby, M (Hruby, Martin); Pouckova, P (Pouckova, Pavla); Zadinova, M (Zadinova, Marie); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 42 **Issue:** 5 **Pages:** 484-488 **DOI:** 10.1016/j.ejps.2011.02.002 **Published:** APR 18 2011

Accession Number: WOS:000290822800006

PubMed ID: 21324355

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kucka, Jan	G-7884-2014	

ISSN: 0928-0987

Record 9 of 12

Title: New coupling strategy for radionuclide labeling of synthetic polymers

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Vetrik, M (Vetrik, Miroslav)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 2 **Pages:** 334-339 **DOI:** 10.1016/j.apradiso.2009.11.039 **Published:** FEB 2010

Accession Number: WOS:000276117500018

PubMed ID: 20004106

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Mackova, Hana	G-3247-2014	

ISSN: 0969-8043

Record 10 of 12

Title: STIMULI-RESPONSIVE POLYMERIC MICELLES FOR DRUG DELIVERY PURPOSES

Author(s): Hruby, M (Hruby, Martin)

Edited by: Li S; Tiwari A; Prabakaran M; Aryal S

Source: SMART POLYMER MATERIALS FOR BIOMEDICAL APPLICATIONS **Book Series:** Materials Science and Technologies **Pages:** 193-211 **Published:** 2010

Accession Number: WOS:000283525900012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISBN: 978-1-60876-192-0

Record 11 of 12

Title: Thermoresponsive, Hydrolytically Degradable Polymer Micelles Intended for Radionuclide Delivery

Author(s): Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Filippov, SK (Filippov, Sergey K.); Vetricka, D (Vetricka, David); Mackova, H (Mackova, Hana); Karlsson, G (Karlsson, Goran); Edwards, K (Edwards, Katarina); Rihova, B (Rihova, Blanka); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 9 **Issue:** 10 **Pages:** 1016-1027 **DOI:** 10.1002/mabi.200900083 **Published:** OCT 8 2009

Accession Number: WOS:000271174100009

PubMed ID: 19554646

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Edwards, Katarina	A-1159-2012	0000-0003-0674-2219
Kucka, Jan	G-7884-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Konak, Cestmir	H-7177-2014	
Ulbrich, Karel	G-5145-2014	
Mackova, Hana	G-3247-2014	
Vetricka, David	O-2384-2017	0000-0002-6098-1213
Rihova, Blanka	J-6314-2014	

ISSN: 1616-5187

Record 12 of 12

Title: Novel polymer vectors of Cu-64

Author(s): Kozempel, J (Kozempel, J.); Hruby, M (Hruby, M.); Novakova, M (Novakova, M.); Kucka, J (Kucka, J.); Leseticky, L (Leseticky, L.); Lebeda, O (Lebeda, O.)

Source: RADIOCHIMICA ACTA **Volume:** 97 **Issue:** 12 **Pages:** 747-752 **DOI:** 10.1524/ract.2009.1669 **Published:** 2009

Accession Number: WOS:000273180400011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Hruby, Martin	H-6479-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Kucka, Jan	G-7884-2014	

ISSN: 0033-8230

Publication No 40 of 132

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Stephan, Holger	F-9789-2014	0000-0002-2972-2803
Nadar, Robin	E-1828-2016	
Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 1 of 11

Title: Iodine-Rich Polymersomes Enable Versatile SPECT/CT Imaging and Potent Radioisotope Therapy for Tumor in Vivo

Author(s): Cao, JS (Cao, Jinsong); Wei, YH (Wei, Yaohua); Zhang, YX (Zhang, Yanxiang); Wang, GL (Wang, Guanglin); Ji, X (Ji, Xiang); Zhong, ZY (Zhong, Zhiyuan)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 11 **Issue:** 21 **Pages:** 18953-18959 **DOI:** 10.1021/acsami.9b04294 **Published:** MAY 29 2019

Accession Number: WOS:000470034700008

PubMed ID: 31062589

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zhong, Zhiyuan	D-8508-2011	0000-0003-4175-4741

ISSN: 1944-8244
eISSN: 1944-8252

Record 2 of 11

Title: Stimuli-responsive nanotheranostics based on lanthanide-doped upconversion nanoparticles for cancer imaging and therapy: current advances and future challenges

Author(s): Wang, YH (Wang, Yinghui); Song, SY (Song, Shuyan); Zhang, ST (Zhang, Songtao); Zhang, HJ (Zhang, Hongjie)

Source: NANO TODAY **Volume:** 25 **Pages:** 38-67 **DOI:** 10.1016/j.nantod.2019.02.007 **Published:** APR 2019

Accession Number: WOS:000466258900009

ISSN: 1748-0132

eISSN: 1878-044X

Record 3 of 11

Title: Pretargeting in nuclear imaging and radionuclide therapy: Improving efficacy of theranostics and nanomedicines

Author(s): Steen, EJJ (Steen, E. Johanna L.); Edem, PE (Edem, Patricia E.); Norregaard, K (Norregaard, Kamilla); Jorgensen, JT (Jorgensen, Jesper T.); Shalgunov, V (Shalgunov, Vladimir); Kjaer, A (Kjaer, Andreas); Herth, MM (Herth, Matthias M.)

Source: BIOMATERIALS **Volume:** 179 **Pages:** 209-245 **DOI:** 10.1016/j.biomaterials.2018.06.021 **Published:** OCT 2018

Accession Number: WOS:000441490200018

PubMed ID: 30007471

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Norregaard, Kamilla		0000-0003-1953-9703
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Shalgunov, Vladimir		0000-0001-8956-1207
Kjaer, Andreas	E-8932-2015	0000-0002-2706-5547

ISSN: 0142-9612

eISSN: 1878-5905

Record 4 of 11

Title: Tailoring Porous Silicon for Biomedical Applications: From Drug Delivery to Cancer Immunotherapy

Author(s): Li, W (Li, Wei); Liu, ZH (Liu, Zehua); Fontana, F (Fontana, Flavia); Ding, YP (Ding, Yaping); Liu, DF (Liu, Dongfei); Hirvonen, JT (Hirvonen, Jouni T.); Santos, HA (Santos, Helder A.)

Source: ADVANCED MATERIALS **Volume:** 30 **Issue:** 24 **Special Issue:** SI **Article Number:** 1703740 **DOI:** 10.1002/adma.201703740 **Published:** JUN 13 2018

Accession Number: WOS:000436455800009

PubMed ID: 29534311

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Wei	C-4096-2011	0000-0002-6997-9611
Santos, Helder A.	B-5253-2009	0000-0001-7850-6309
Fontana, Flavia		0000-0001-9112-6917
Liu, Dongfei		0000-0002-2426-134X
Hirvonen, Jouni Tapio		0000-0002-5029-1657

ISSN: 0935-9648

eISSN: 1521-4095

Record 5 of 11

Title: Nanocarrier-Mediated Photochemotherapy and Photoradiotherapy

Author(s): Denkova, AG (Denkova, Antonia G.); de Kruijff, RM (de Kruijff, Robine M.); Serra-Crespo, P (Serra-Crespo, Pablo)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 7 **Issue:** 8 **Article Number:** 1701211 **DOI:** 10.1002/adhm.201701211 **Published:** APR 25 2018

Accession Number: WOS:000430804800012

PubMed ID: 29282903

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Serra Crespo, Pablo		0000-0002-5106-0527
de Kruijff, Robin		0000-0002-8562-874X

ISSN: 2192-2640

eISSN: 2192-2659

Record 6 of 11

Title: New Combination/Application of Polymer-Based Nanoparticles for Biomedical Engineering

Author(s): Chang, R (Chang, Ray); Wang, PY (Wang, Peng-Yuan); Tseng, CL (Tseng, Ching-Li)

Edited by: Chun HJ; Park CH; Kwon IK; Khang G

Source: CUTTING-EDGE ENABLING TECHNOLOGIES FOR REGENERATIVE MEDICINE **Book Series:** Advances in Experimental Medicine and Biology **Volume:** 1078 **Pages:** 271-290 **DOI:** 10.1007/978-981-13-0950-2_14 **Published:** 2018

Accession Number: WOS:000458000700015

PubMed ID: 30357628

ISSN: 0065-2598

eISSN: 2214-8019

ISBN: 978-981-13-0950-2

Book DOI: 10.1007/978-981-13-0950-2

Record 7 of 11

Title: Preclinical PET and SPECT for Radionanomedicine

Author(s): Im, HJ (Im, Hyung-Jun); Cheon, GJ (Cheon, Gi Jeong)

Edited by: Lee DS

Source: RADIONANOMEDICINE: COMBINED NUCLEAR AND NANOMEDICINE **Book Series:** Biological and Medical Physics Biomedical Engineering **Pages:** 279-292 **DOI:** 10.1007/978-3-319-67720-0_15 **Published:** 2018
Accession Number: WOS:000448506800022
ISSN: 1618-7210
ISBN: 978-3-319-67720-0; 978-3-319-67719-4
Book DOI: 10.1007/978-3-319-67720-0

Record 8 of 11

Title: The Choice of Biocompatible Polymer: Physico-Chemical Properties as the Key Factor to Be Considered

Author(s): Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 517-521 **Published:** 2018

Accession Number: WOS:000441289700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Panek, Jiri	H-7129-2014	
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Hruby, Martin	H-6479-2014	
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ISSN: 0009-2770

eISSN: 1213-7103

Record 9 of 11

Title: Dendrimer-based contrast agents for PET imaging

Author(s): Zhao, LZ (Zhao, Lingzhou); Shi, XY (Shi, Xiangyang); Zhao, JH (Zhao, Jinhua)

Source: DRUG DELIVERY **Volume:** 24 **Issue:** 2 **Pages:** 81-93 **DOI:** 10.1080/10717544.2017.1399299 **Published:** NOV 10 2017

Accession Number: WOS:000424472700002

PubMed ID: 29124984

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shi, Xiangyang	A-1289-2007	0000-0001-6785-6645

ISSN: 1071-7544

eISSN: 1521-0464

Record 10 of 11

Title: Poly(2-ethyl-2-oxazoline) conjugates with doxorubicin for cancer therapy: In vitro and in vivo evaluation and direct comparison to poly [N-(2-hydroxypropyl)methacrylamide] analogues

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Mattova, J (Mattova, Jana); Kucka, J (Kucka, Jan); Panek, J (Panek, Jiri); Janouskova, O (Janouskova, Olga); Hoherl, A (Hoherl, Anita); Verbraeken, B (Verbraeken, Bart); Vergaelen, M (Vergaelen, Maarten); Zadinova, M (Zadinova, Marie); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: BIOMATERIALS **Volume:** 146 **Pages:** 1-12 **DOI:** 10.1016/j.biomaterials.2017.09.003 **Published:** NOV 2017

Accession Number: WOS:000412958000001

PubMed ID: 28892751

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Panek, Jiri	H-7129-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Hoherl, Anita	G-6222-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
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ISSN: 0142-9612

eISSN: 1878-5905

Record 11 of 11

Title: pH-Responsive Nanoscale Coordination Polymer for Efficient Drug Delivery and Real-Time Release Monitoring

Author(s): Han, K (Han, Kai); Zhang, WY (Zhang, Wei-Yun); Zhang, J (Zhang, Jin); Ma, ZY (Ma, Zhao-Yu); Han, HY (Han, He-You)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 19 **Article Number:** 1700470 **DOI:** 10.1002/adhm.201700470 **Published:** OCT 11 2017

Accession Number: WOS:000412752400009

ISSN: 2192-2640

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Publication No 41 of 132

Title: Novel triphilic block copolymers based on poly(2-methyl-2-oxazoline)-block-poly(2-octyl-2-oxazoline) with different terminal perfluoroalkyl fragments: Synthesis and self-assembly behaviour

Author(s): Kabarov, LI (Kabarov, Leonid I.); Verbraeken, B (Verbraeken, Bart); Hruby, M (Hruby, Martin); Riabtseva, A (Riabtseva, Anna); Kovacik, L (Kovacik, Lubomir); Kereiche, S (Kereiche, Sami); Brus, J (Brus, Jiri); Stepanek, P (Stepanek, Petr); Hoogenboom, R (Hoogenboom, Richard); Filippov, SK (Filippov, Sergey K.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 645-655 **DOI:** 10.1016/j.eurpolymj.2016.10.016 **Published:** MAR 2017

Accession Number: WOS:000396952500053

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Kabarov, Leonid	B-9047-2016	0000-0002-5199-9980
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0014-3057

eISSN: 1873-1945

Record 1 of 11

Title: Polyoxazoline associated with cardanol for bio-based linear alkyl benzene surfactants

Author(s): Delage, B (Delage, Benoit); Briou, B (Briou, Benoit); Brossier, T (Brossier, Thomas); Catrouillet, S (Catrouillet, Sylvain); Robin, JJ (Robin, Jean-Jacques); Lapinte, V (Lapinte, Vincent)

Source: POLYMER INTERNATIONAL **Volume:** 68 **Issue:** 4 **Pages:** 755-763 **DOI:** 10.1002/pi.5763 **Published:** APR 2019

Accession Number: WOS:000461093900019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
lapinte, vincent	G-6217-2019	0000-0002-6089-6027
robin, jean-jacques	G-5884-2019	0000-0003-3604-4294

ISSN: 0959-8103

eISSN: 1097-0126

Record 2 of 11

Title: Impact of Polylactide Fluorinated End-Group Lengths and Their Dynamics on Perfluorohexane Microcapsule Morphology

Author(s): Picheth, GF (Picheth, Guilherme F.); Moine, L (Moine, Laurence); Houvenagel, S (Houvenagel, Sophie); Menezes, LRA (Menezes, Leociley R. A.); Sassaki, GL (Sassaki, Guilherme L.); Dejean, C (Dejean, Camille); Huang, N (Huang, Nicolas); de Freitas, RA (de Freitas, Rilton Alves); Tsapis, N (Tsapis, Nicolas)

Source: MACROMOLECULES **Volume:** 52 **Issue:** 6 **Pages:** 2589-2596 **DOI:** 10.1021/acs.macromol.9b00217 **Published:** MAR 26 2019

Accession Number: WOS:000462950300038

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Huang, Nicolas	F-4795-2013	0000-0003-2750-3778
Tsapis, Nicolas	D-5606-2009	0000-0003-2095-2626
Menezes, Leociley	P-4160-2015	0000-0001-8631-8607

ISSN: 0024-9297

eISSN: 1520-5835

Record 3 of 11

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Hruby, Martin H-6479-2014

ISSN: 0968-5243

eISSN: 1352-8661

Record 4 of 11

Title: Polyphilicity-An Extension of the Concept of Amphiphilicity in Polymers

Author(s): Heinz, D (Heinz, Daniel); Amado, E (Amado, Elkin); Kressler, J (Kressler, Joerg)

Source: POLYMERS **Volume:** 10 **Issue:** 9 **Article Number:** 960 **DOI:** 10.3390/polym10090960 **Published:** SEP 2018

Accession Number: WOS:000449988800029

PubMed ID: 30960885

eISSN: 2073-4360

Record 5 of 11

Title: Fluorophilic-Lipophilic-Hydrophilic Poly(2-oxazoline) Block Copolymers as MRI Contrast Agents: From Synthesis to Self-Assembly

Author(s): Kabarov, LI (Kabarov, Leonid I); Verbraeken, B (Verbraeken, Bart); Riabtseva, A (Riabtseva, Anna); Brus, J (Brus, Jiri); Radulescu, A (Radulescu, Aurel); Talmon, Y (Talmon, Yeshayahu); Stepanek, P (Stepanek, Petr); Hoogenboom, R (Hoogenboom, Richard); Filippov, SK (Filippov, Sergey K.)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 15 **Pages:** 6047-6056 **DOI:** 10.1021/acs.macromol.8b00957 **Published:** AUG 14 2018

Accession Number: WOS:000442185700061

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Talmon, Yeshayahu	N-1076-2019	0000-0002-9854-3972
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Radulescu, Aurel		0000-0002-6050-0176

ISSN: 0024-9297

eISSN: 1520-5835

Record 6 of 11

Title: Comb-Like Fluorophilic-Lipophilic-Hydrophilic Polymers for Nanocapsules as Ultrasound Contrast Agents

Author(s): Houvenagel, S (Houvenagel, Sophie); Moine, L (Moine, Laurence); Picheth, G (Picheth, Guilherme); Dejean, C (Dejean, Camille); Brulet, A (Brulet, Annie); Chenneviere, A (Chenneviere, Alexis); Faugeras, V (Faugeras, Vincent); Huang, N (Huang, Nicolas); Couture, O (Couture, Olivier); Tsapis, N (Tsapis, Nicolas)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 8 **Pages:** 3244-3256 **DOI:** 10.1021/acs.biomac.8b00506 **Published:** AUG 2018

Accession Number: WOS:000441852400009

PubMed ID: 29995383

Author Identifiers:

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Huang, Nicolas	F-4795-2013	0000-0003-2750-3778
Moine, Laurence		0000-0003-3306-9795

ISSN: 1525-7797

eISSN: 1526-4602

Record 7 of 11

Title: Tuning of Thermoresponsivity of a Poly(2-alkyl-2-oxazoline) Block Copolymer by Interaction with Surface-Active and Chaotropic Metallacarborane Anion

Author(s): Dordovic, V (Dordovic, Vladimir); Verbraeken, B (Verbraeken, Bart); Hogenboom, R (Hogenboom, Richard); Kereiche, S (Kereiche, Sami); Matejcek, P (Matejcek, Pavel); Uchman, M (Uchman, Mariusz)

Source: CHEMISTRY-AN ASIAN JOURNAL **Volume:** 13 **Issue:** 7 **Pages:** 838-845 **DOI:** 10.1002/asia.201701720 **Published:** APR 4 2018

Accession Number: WOS:000429415400017

PubMed ID: 29384259

ISSN: 1861-4728

eISSN: 1861-471X

Record 8 of 11

Title: Structural characterization of nanoparticles formed by fluorinated poly(2-oxazoline)-based polyphiles

Author(s): Riabtseva, A (Riabtseva, Anna); Kabarov, LI (Kabarov, Leonid I.); Noirez, L (Noirez, Laurence); Ryukhtin, V (Ryukhtin, VasyI); Nardin, C (Nardin, Corinne); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 99 **Pages:** 518-527 **DOI:** 10.1016/j.eurpolymj.2018.01.007 **Published:** FEB 2018

Accession Number: WOS:000427338100054

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ryukhtin, VasyI	J-5791-2012	0000-0003-0535-5719
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0014-3057

eISSN: 1873-1945

Record 9 of 11

Title: Thermo and pH dual-responsive drug-linked pseudo-polypeptide micelles with a comb-shaped polymer as a micellar exterior

Author(s): Chen, WZ (Chen, Weizhi); Su, LL (Su, Liling); Zhang, P (Zhang, Peng); Li, C (Li, Cheng); Zhang, D (Zhang, Dan); Wu, W (Wu, Wei); Jiang, XQ (Jiang, Xiqun)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 44 **Pages:** 6886-6894 **DOI:** 10.1039/c7py01389b **Published:** NOV 28 2017

Accession Number: WOS:000415068000018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jiang, Xiqun	I-8128-2014	0000-0003-0483-0282

ISSN: 1759-9954

eISSN: 1759-9962

Record 10 of 11

Title: (Cryo)Transmission Electron Microscopy of Phospholipid Model Membranes Interacting with Amphiphilic and Polyphilic Molecules

Author(s): Meister, A (Meister, Annette); Blume, A (Blume, Alfred)

Source: POLYMERS **Volume:** 9 **Issue:** 10 **Article Number:** UNSP 521 **DOI:** 10.3390/polym9100521 **Published:** OCT 2017

Accession Number: WOS:000414913800059

PubMed ID: 30965829

eISSN: 2073-4360

Record 11 of 11

Title: 50 years of poly(2-oxazoline)s

Author(s): Hoogenboom, R (Hoogenboom, Richard)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 448-450 **DOI:** 10.1016/j.eurpolymj.2017.01.014 **Published:** MAR 2017

Accession Number: WOS:000396952500038

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 0014-3057

eISSN: 1873-1945

Publication No 42 of 132

Title: Self-Assembly Thermodynamics of pH-Responsive Amino-Acid-Based Polymers with a Nonionic Surfactant

Author(s): Bogomolova, A (Bogomolova, Anna); Keller, S (Keller, Sandro); Klingler, J

(Klingler, Johannes); Sedlak, M (Sedlak, Marian); Rak, D (Rak, Dmytro); Sturcova, A (Sturcova, Adriana); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: LANGMUIR **Volume:** 30 **Issue:** 38 **Pages:** 11307-11318 **DOI:** 10.1021/la5031262 **Published:** SEP 30 2014

Accession Number: WOS:000342607000008

PubMed ID: 25192406

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bogomolova, Anna	O-2982-2016	
Sturcova, Adriana	G-7316-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Keller, Sandro	G-7202-2016	0000-0001-5469-8772
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Rak, Dmytro		0000-0001-7531-7772
Sedlak, Marian		0000-0003-2951-2846

ISSN: 0743-7463

Record 1 of 11

Title: Modern Methods for Studying Polymer Complexes in Aqueous and Organic Solutions

Author(s): Khutoryanskiy, VV (Khutoryanskiy, V. V.); Smyslov, RY (Smyslov, R. Yu.); Yakimansky, AV (Yakimansky, A. V.)

Source: POLYMER SCIENCE SERIES A **Volume:** 60 **Issue:** 5 **Pages:** 553-576 **DOI:** 10.1134/S0965545X18050085 **Published:** SEP 2018

Accession Number: WOS:000443573500001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Smyslov, Ruslan	E-4874-2014	0000-0003-3633-4347
Khutoryanskiy, Vitaliy V.	D-3712-2012	0000-0002-7221-2630

ISSN: 0965-545X

eISSN: 1555-6107

Record 2 of 11

Title: Precise synthesis of poly(N-acryloyl amino acid) through photoinduced living polymerization

Author(s): Li, GF (Li, Guofeng); Feng, WL (Feng, Wenli); Corrigan, N (Corrigan, Nathaniel); Boyer, C (Boyer, Cyrille); Wang, X (Wang, Xing); Xu, JT (Xu, Jiangtao)

Source: POLYMER CHEMISTRY **Volume:** 9 **Issue:** 20 **Pages:** 2733-2745 **DOI:** 10.1039/c8py00366a **Published:** MAY 28 2018

Accession Number: WOS:000432945100005

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Corrigan, Nathaniel		0000-0001-7876-1908

ISSN: 1759-9954

eISSN: 1759-9962

Record 3 of 11

Title: Effect of Acetonitrile and N, N-Dimethylformamide on the Formation of Poly(ethylene oxide)-Sodium Alkyl Sulfate Aggregates

Author(s): Ferreira, GMD (Ferreira, Guilherme M. D.); Ferreira, GMD (Ferreira, Gabriel M. D.); Hespanhol, MC (Hespanhol, Maria C.); Agudelo, AJ (Agudelo, Alvaro J. P.); Rezende, JP (Rezende, Jaqueline P.); Pires, ACS (Pires, Ana C. S.); Silva, LHM (Silva, Luis H. M.)

Source: JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY **Volume:** 29 **Issue:** 1 **Pages:** 45-57 **DOI:** 10.21577/0103-5053.20170111 **Published:** JAN 2018

Accession Number: WOS:000414146700007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Agudelo, Alvaro J P	Y-4421-2018	
Pires, Ana Clarissa dos Santos	P-2585-2019	0000-0002-0671-9687
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Ferreira, Gabriel Max Dias	N-3330-2016	0000-0003-1897-2804

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da Silva, Luis Henrique Mendes P-2272-2019 0000-0003-4846-9070
ISSN: 0103-5053
eISSN: 1678-4790

Record 4 of 11

Title: Steady-shear rheology and activation thermodynamics of the interpolymer complex between nonionic polymeric surfactant and hydrophobically modified polyacrylic acid in propylene glycol-water mixture

Author(s): Rumyantsev, M (Rumyantsev, Misha); Savinova, MV (Savinova, Maria V.)

Source: POLYMER BULLETIN **Volume:** 75 **Issue:** 1 **Pages:** 17-30 **DOI:** 10.1007/s00289-017-2013-3 **Published:** JAN 2018

Accession Number: WOS:000419586800002

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Author	Web of Science ResearcherID	ORCID Number
Rumyantsev, Misha		0000-0001-5245-7975

ISSN: 0170-0839

eISSN: 1436-2449

Record 5 of 11

Title: Structure Tuning of Electrostatically Self-Assembled Nanoparticles through pH: The Role of Charge Ratio

Author(s): Mariani, G (Mariani, Giacomo); Schweins, R (Schweins, Ralf); Grohn, F (Groehn, Franziska)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 218 **Issue:** 24 **Article Number:** 1700191 **DOI:** 10.1002/macp.201700191 **Published:** DEC 2017

Accession Number: WOS:000418337600010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
SCHWEINS, Ralf K	5904-2014	0000-0001-8078-2089

ISSN: 1022-1352

eISSN: 1521-3935

Record 6 of 11

Title: Facile fabrication of Sudan red particle microcapsules by a polymerizable gemini surfactant and molecular assembly mechanisms

Author(s): Wu, YQ (Wu, Yaqian); Yan, HK (Yan, Haike); Shi, XF (Shi, Xuefeng); Wang, JB (Wang, Jinben)

Source: SOFT MATTER **Volume:** 13 **Issue:** 9 **Pages:** 1881-1887 **DOI:** 10.1039/c6sm02799g **Published:** MAR 7 2017

Accession Number: WOS:000396030800015

PubMed ID: 28180226

ISSN: 1744-683X

eISSN: 1744-6848

Record 7 of 11

Title: Self assembly of a gamma-amino butyric acid based derivative into tunable nano/micro structures

Author(s): Brar, SK (Brar, Surinder K.); Singh, P (Singh, Prabhjot); Bajaj, M (Bajaj, Manish); Deep, A (Deep, Akash); Wangoo, N (Wangoo, Nishima); Sharma, RK (Sharma, Rohit K.)

Source: MATERIALS CHEMISTRY FRONTIERS **Volume:** 1 **Issue:** 3 **Pages:** 449-454 **DOI:** 10.1039/c6qm00007j **Published:** MAR 1 2017

Accession Number: WOS:000412444100004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bajaj, Manish R	1688-2019	

eISSN: 2052-1537

Record 8 of 11

Title: Polyelectrolyte pH-Responsive Protein-Containing Nanoparticles: The Physicochemical Supramolecular Approach

Author(s): Riabtseva, A (Riabtseva, Anna); Kaberov, LI (Kaberov, Leonid I.); Kucka, J (Kucka, Jan); Bogomolova, A (Bogomolova, Anna); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 33 **Issue:** 3 **Pages:** 764-772 **DOI:** 10.1021/acs.langmuir.6b03778 **Published:** JAN 24 2017

Accession Number: WOS:000392888600012

PubMed ID: 28045529

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Kabarov, Leonid	B-9047-2016	0000-0002-5199-9980
Kucka, Jan	G-7884-2014	
Bogomolova, Anna	O-2982-2016	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Hruby, Martin		0000-0002-5075-261X

ISSN: 0743-7463

Record 9 of 11

Title: The effect of spacer on the structure of surfactant at liquid/air interface: A molecular dynamics simulation study

Author(s): Zhang, L (Zhang, Li); Wu, P (Wu, Pan); Wei, QY (Wei, Qiuyun); Shen, JW (Shen, Jia-Wei); Liu, ZP (Liu, Zhipei); Ren, T (Ren, Tao); Zhang, W (Zhang, Wei); Wang, XP (Wang, Xinping)

Source: JOURNAL OF MOLECULAR LIQUIDS **Volume:** 222 **Pages:** 988-994 **DOI:** 10.1016/j.molliq.2016.07.142 **Published:** OCT 2016

Accession Number: WOS:000384784400120

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shen, Jia-Wei	A-5269-2009	0000-0002-4020-4062

ISSN: 0167-7322

eISSN: 1873-3166

Record 10 of 11

Title: Structure Tuning of Electrostatically Self-Assembled Nanoparticles through pH

Author(s): Mariani, G (Mariani, Giacomo); Schweins, R (Schweins, Ralf); Grohn, F (Groehn, Franziska)

Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 120 **Issue:** 7 **Pages:** 1380-1389 **DOI:** 10.1021/acs.jpcc.5b10966 **Published:** FEB 25 2016

Accession Number: WOS:000371102800020

PubMed ID: 26632654

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
SCHWEINS, Ralf	K-5904-2014	0000-0001-8078-2089

ISSN: 1520-6106

Record 11 of 11

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Publication No 43 of 132

Title: Simultaneous detection of multiple targets for ultrastructural immunocytochemistry

Author(s): Philimonenko, VV (Philimonenko, V. V.); Philimonenko, AA (Philimonenko, A. A.); Sloufova, I (Sloufova, I.); Hruby, M (Hruby, M.); Novotny, F (Novotny, F.); Halbhuber, Z (Halbhuber, Z.); Krivjanska, M (Krivjanska, M.); Nebesarova, J (Nebesarova, J.); Slouf, M (Slouf, M.); Hozak, P (Hozak, P.)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 141 **Issue:** 3 **Pages:** 229-239 **DOI:** 10.1007/s00418-013-1178-6 **Published:** MAR 2014

Accession Number: WOS:000332082300001

PubMed ID: 24449180

Author Identifiers:

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NOVOTNY, FILIP	R-2406-2019	0000-0003-0471-1865
Philimonenko, Vlada	G-3522-2014	
Hozak, Pavel	J-4182-2014	0000-0003-1901-1394
Sloufova, Ivana	F-5344-2014	0000-0002-4757-6029
Hruby, Martin	H-6479-2014	
Nebesarova, Jana	G-7351-2014	
Novotny, Filip	G-2741-2014	0000-0003-0471-1865

ISSN: 0948-6143

eISSN: 1432-119X

Record 1 of 11

Title: ColorEM: analytical electron microscopy for element-guided identification and imaging of the building blocks of life

Author(s): Pirozzi, NM (Pirozzi, Nicole M.); Hoogenboom, JP (Hoogenboom, Jacob P.); Giepmans, BNG (Giepmans, Ben N. G.)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 150 **Issue:** 5 **Pages:** 509-520 **DOI:** 10.1007/s00418-018-1707-4 **Published:** NOV 2018

Accession Number: WOS:000446855800007

PubMed ID: 30120552

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Giepmans, Ben N.G.	R-4564-2016	0000-0001-5105-5915
Hoogenboom, Jacob	F-4444-2014	0000-0003-4539-8772

ISSN: 0948-6143

eISSN: 1432-119X

Record 2 of 11

Title: Ultrastructural histochemistry in biomedical research: Alive and kicking

Author(s): Malatesta, M (Malatesta, Manuela)

Source: EUROPEAN JOURNAL OF HISTOCHEMISTRY **Volume:** 62 **Issue:** 4 **Pages:** 319-323 **Article Number:** 2990 **DOI:** 10.4081/ejh.2018.2990 **Published:** 2018

Accession Number: WOS:000455167400009

PubMed ID: 30418011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
MALATESTA, Manuela		0000-0001-8196-9232

ISSN: 1121-760X

eISSN: 2038-8306

Record 3 of 11

Title: Techniques and Applications of Surface-Enhanced Raman Scattering Spectroscopy (SERSS) Focused on Cultural Heritage

Author(s): Kuckova, S (Kuckova, Stepanka); Hamidi-Asl, E (Hamidi-Asl, Ezat); Matulkova, I (Matulkova, Irena); Hynek, R (Hynek, Radovan); de Wael, K (de Wael, Karolien); Sanyova, J (Sanyova, Jana); Janssens, K (Janssens, Koen)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 312-316 **Published:** 2018

Accession Number: WOS:000433031600005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
De Wael, Karolien	U-5545-2018	
Matulkova, Irena	G-6892-2014	0000-0002-9289-6400

ISSN: 0009-2770

eISSN: 1213-7103

Record 4 of 11

Title: Colocalization coefficients evaluating the distribution of molecular targets in microscopy methods based on pointed patterns

Author(s): Pastorek, L (Pastorek, Lukas); Sobol, M (Sobol, Margarita); Hozak, P (Hozak, Pavel)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 146 **Issue:** 4 **Pages:** 391-406 **DOI:** 10.1007/s00418-016-1467-y **Published:** OCT 2016

Accession Number: WOS:000385169600004

PubMed ID: 27460592

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hozak, Pavel	G-3513-2014	0000-0003-1901-1394

ISSN: 0948-6143

eISSN: 1432-119X

Record 5 of 11

Title: Novel method of simultaneous multiple immunogold localization on resin sections in high resolution scanning electron microscopy

Author(s): Nebesarova, J (Nebesarova, Jana); Wandrol, P (Wandrol, Petr); Vancova, M (Vancova, Marie)

Source: NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE **Volume:** 12 **Issue:** 1 **Pages:** 105-108 **DOI:** 10.1016/j.nano.2015.09.008 **Published:** JAN 2016

Accession Number: WOS:000371800600010

PubMed ID: 26472050

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Nebesarova, Jana	G-7351-2014	
Vancova, Marie	G-8347-2014	

ISSN: 1549-9634

eISSN: 1549-9642

Record 6 of 11

Title: Correlated light and electron microscopy: ultrastructure lights up!

Author(s): de Boer, P (de Boer, Pascal); Hoogenboom, JP (Hoogenboom, Jacob P.); Giepmans, BNG (Giepmans, Ben N. G.)

Source: NATURE METHODS **Volume:** 12 **Issue:** 6 **Pages:** 503-513 **DOI:** 10.1038/nmeth.3400 **Published:** JUN 2015

Accession Number: WOS:000355248100017

PubMed ID: 26020503

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Giepmans, Ben N.G.	R-4564-2016	0000-0001-5105-5915
Hoogenboom, Jacob	F-4444-2014	0000-0003-4539-8772

ISSN: 1548-7091

eISSN: 1548-7105

Record 7 of 11

Title: Quantitative immunocytochemistry at the ultrastructural level: a stereology-based approach to molecular nanomorphomics

Author(s): Mayhew, TM (Mayhew, Terry M.)

Source: CELL AND TISSUE RESEARCH **Volume:** 360 **Issue:** 1 **Pages:** 43-59 **DOI:** 10.1007/s00441-014-2038-y **Published:** APR 2015

Accession Number: WOS:000352072500005

PubMed ID: 25403623

ISSN: 0302-766X

eISSN: 1432-0878

Record 8 of 11

Title: Morphomics: An integral part of systems biology of the human placenta

Author(s): Mayhew, TM (Mayhew, T. M.)

Source: PLACENTA **Volume:** 36 **Issue:** 4 **Pages:** 329-340 **DOI:** 10.1016/j.placenta.2015.01.001 **Published:** APR 2015

Accession Number: WOS:000351796500001

PubMed ID: 25637410

ISSN: 0143-4004

eISSN: 1532-3102

Record 9 of 11

Title: The Histochemistry and Cell Biology pandect: the year 2014 in review

Author(s): Taatjes, DJ (Taates, Douglas J.); Roth, J (Roth, Juergen)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 143 **Issue:** 4 **Pages:** 339-368 **DOI:** 10.1007/s00418-015-1313-7 **Published:** APR 2015

Accession Number: WOS:000351204800001

PubMed ID: 25744491

ISSN: 0948-6143

eISSN: 1432-119X

Record 10 of 11

Title: From gross anatomy to the nanomorphome: stereological tools provide a paradigm for advancing research in quantitative morphomics

Author(s): Mayhew, TM (Mayhew, Terry M.); Lucocq, JM (Lucocq, John M.)

Source: JOURNAL OF ANATOMY **Volume:** 226 **Issue:** 4 **Pages:** 309-321 **DOI:** 10.1111/joa.12287 **Published:** APR 2015

Accession Number: WOS:000352584400002

PubMed ID: 25753334

ISSN: 0021-8782

eISSN: 1469-7580

Record 11 of 11

Title: Simultaneous detection of multiple targets for ultrastructural immunocytochemistry (vol 141, pg 229, 2014)

Author(s): Philimonenko, VV (Philimonenko, V. V.); Philimonenko, AA (Philimonenko, A. A.); Sloufova, I (Sloufova, I.); Hruby, M (Hruby, M.); Novotny, F (Novotny, F.); Halbhuber, Z (Halbhuber, Z.); Krivjanska, M (Krivjanska, M.); Nebesarova, J (Nebesarova, J.); Slouf, M (Slouf, M.); Hozak, P (Hozak, P.)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 141 **Issue:** 3 **Pages:** 241-241 **DOI:** 10.1007/s00418-014-1196-z **Published:** MAR 2014

Accession Number: WOS:000332082300002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sloufova, Ivana	F-5344-2014	0000-0002-4757-6029
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Novotny, Filip	G-2741-2014	0000-0003-0471-1865
Nebesarova, Jana	G-7351-2014	
Hruby, Martin	H-6479-2014	
Philimonenko, Vlada	G-3522-2014	
Hozak, Pavel	J-4182-2014	0000-0003-1901-1394

ISSN: 0948-6143

eISSN: 1432-119X

Publication No 44 of 132

Title: Glycogen-graft-poly(2-alkyl-2-oxazolines) - the new versatile biopolymer-based thermoresponsive macromolecular toolbox

Author(s): Pospisilova, A (Pospisilova, Aneta); Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Turner, S (Turner, Stuart); Sedlacek, O (Sedlacek, Ondrej); Matushkin, N (Matushkin, Nikolai); Cernochova, Z (Cernochova, Zulfia); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 106 **Pages:** 61580-61588 **DOI:** 10.1039/c4ra10315g **Published:** 2014

Accession Number: WOS:000345656600045

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernochova, Zulfia	H-6730-2014	
Hruby, Martin	H-6479-2014	
Bogomolova, Anna	O-2982-2016	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 2046-2069

Record 1 of 11

Title: A review of natural polysaccharides for drug delivery applications: Special focus on cellulose, starch and glycogen

Author(s): Gopinath, V (Gopinath, V.); Saravanan, S (Saravanan, S.); Al-Maleki, AR (Al-Maleki, A. R.); Ramesh, M (Ramesh, M.); Vadivelu, J (Vadivelu, Jamuna)

Source: BIOMEDICINE & PHARMACOTHERAPY **Volume:** 107 **Pages:** 96-108 **DOI:** 10.1016/j.biopha.2018.07.136 **Published:** NOV 2018

Accession Number: WOS:000445036200012

PubMed ID: 30086465

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Venkatraman, Dr. Gopinath	C-7001-2015	0000-0002-7917-8586
VADIVELU, JAMUNARANI S	B-8696-2010	
Sekaran, Saravanan		0000-0002-2212-0180

ISSN: 0753-3322
eISSN: 1950-6007

Record 2 of 11

Title: Effect of N-isopropylacrylamide thermoresponsive blocks on the rheological properties of water-soluble thermoassociative copolymers synthesized via RAFT polymerization

Author(s): Diaz-Silvestre, SE (Diaz-Silvestre, Sergio E.); St Thomas, C (St Thomas, Claude); Maldonado-Textle, H (Maldonado-Textle, Hortensia); Rivera-Vallejo, C (Rivera-Vallejo, Claudia); de Leon-Gomez, RED (Diaz de Leon-Gomez, Ramon Enrique); Jimenez-Regalado, EJ (Jimenez-Regalado, Enrique J.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 296 **Issue:** 10 **Pages:** 1699-1710 **DOI:** 10.1007/s00396-018-4391-y **Published:** OCT 2018

Accession Number: WOS:000443305300009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
St Thomas, Claude		0000-0003-1004-7323

ISSN: 0303-402X
eISSN: 1435-1536

Record 3 of 11

Title: Hybrid thermoresponsive graft constructs of fungal polysaccharide beta-glucan: Physico-chemical and immunomodulatory properties

Author(s): Loukotova, L (Loukotova, L.); Konefal, R (Konefal, R.); Venclikova, K (Venclikova, K.); Machova, D (Machova, D.); Janouskova, O (Janouskova, O.); Rabyk, M (Rabyk, M.); Netopilik, M (Netopilik, M.); Chanova, EM (Chanova, E. Mazl); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 106 **Pages:** 118-127 **DOI:** 10.1016/j.eurpolymj.2018.07.004 **Published:** SEP 2018

Accession Number: WOS:000445993400014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Loukotova, Lenka	K-3599-2017	
Netopilik, Milos	G-5222-2014	
Rabyk, Mariia	O-4625-2015	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Chanova, Eliska Mazl	H-6751-2014	0000-0003-0240-1206

ISSN: 0014-3057
eISSN: 1873-1945

Record 4 of 11

Title: PMMA-g-OEtOx Graft Copolymers: Influence of Grafting Degree and Side Chain Length on the Conformation in Aqueous Solution

Author(s): Muljajew, I (Muljajew, Irina); Weber, C (Weber, Christine); Nischang, I (Nischang, Ivo); Schubert, US (Schubert, Ulrich S.)

Source: MATERIALS **Volume:** 11 **Issue:** 4 **Article Number:** 528 **DOI:** 10.3390/ma11040528 **Published:** APR 2018

Accession Number: WOS:000434710200070

PubMed ID: 29601496

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Weber, Christine	G-7345-2011	0000-0003-0712-5255
Nischang, Ivo	S-2156-2018	0000-0001-6182-5215
Schubert, Ulrich S	B-5777-2009	0000-0003-4978-4670

ISSN: 1996-1944

Record 5 of 11

Title: Biological characterization of a novel hybrid copolymer carrier system based on glycogen

Author(s): Jiratova, M (Jiratova, Marketa); Pospisilova, A (Pospisilova, Aneta); Rabyk, M (Rabyk, Maria); Parizek, M (Parizek, Martin); Kovar, J (Kovar, Jan); Galisova, A (Galisova, Andrea); Hruby, M (Hruby, Martin); Jirak, D (Jirak, Daniel)

Source: DRUG DELIVERY AND TRANSLATIONAL RESEARCH **Volume:** 8 **Issue:** 1 **Pages:** 73-82 **DOI:** 10.1007/s13346-017-0436-x **Published:** FEB 2018

Accession Number: WOS:000428713100008

PubMed ID: 29134553

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Rabyk, Mariia	O-4625-2015	
Hruby, Martin	H-6479-2014	
Kovar, Jan		0000-0002-3352-8210

ISSN: 2190-393X

eISSN: 2190-3948

Record 6 of 11

Title: Thermoresponsive beta-glucan-based polymers for bimodal immunoradiotherapy - Are they able to promote the immune system?

Author(s): Loukotova, L (Loukotova, Lenka); Kucka, J (Kucka, Jan); Rabyk, M (Rabyk, Mariia); Hoehlerl, A (Hoehlerl, Anita); Venclikova, K (Venclikova, Kristyna); Janouskova, O (Janouskova, Olga); Paral, P (Paral, Petr); Kolarova, V (Kolarova, Vera); Heizer, T (Heizer, Tomas); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 268 **Pages:** 78-91 **DOI:** 10.1016/j.jconrel.2017.10.010 **Published:** DEC 28 2017

Accession Number: WOS:000417329800008

PubMed ID: 29031896

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Kucka, Jan	G-7884-2014	
Sefc, Ludek	J-1848-2014	0000-0003-2846-220X
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Loukotova, Lenka	K-3599-2017	
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Hruby, Martin	H-6479-2014	
Hoehlerl, Anita	G-6222-2014	
		0000-0001-5124-0926
		0000-0003-3391-3546

ISSN: 0168-3659

eISSN: 1873-4995

Record 7 of 11

Title: Well-defined hyperstar copolymers based on a thiol-yne hyperbranched core and a poly(2-oxazoline) shell for biomedical applications

Author(s): Hartlieb, M (Hartlieb, Matthias); Floyd, T (Floyd, Thomas); Cook, AB (Cook, Alexander B.); Sanchez-Cano, C (Sanchez-Cano, Carlos); Catrouillet, S (Catrouillet, Sylvain); Burns, JA (Burns, James A.); Perrier, S (Perrier, Sebastien)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 13 **Pages:** 2041-2054 **DOI:** 10.1039/c7py00303j **Published:** APR 4 2017

Accession Number: WOS:000398993800007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sanchez-Cano, Carlos	A-3786-2017	0000-0002-9522-0019
Hartlieb, Matthias	F-8363-2011	0000-0001-5330-7186
Cook, Alexander		0000-0002-5005-1039

ISSN: 1759-9954

eISSN: 1759-9962

Record 8 of 11

Title: Poly(2-oxazoline)-based micro- and nanoparticles: A review

Author(s): Wilson, P (Wilson, Paul); Ke, PC (Ke, Pu Chun); Davis, TP (Davis, Thomas P.); Kempe, K (Kempe, Kristian)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 88 **Pages:** 486-515 **DOI:** 10.1016/j.eurpolymj.2016.09.011 **Published:** MAR 2017

Accession Number: WOS:000396952500041

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wilson, Paul	E-8820-2013	0000-0002-9760-899X
Davis, Thomas	B-6395-2008	0000-0003-2581-4986
Ke, Pu Chun	K-2805-2013	0000-0003-2134-0859
Ke, Pu Chun	N-6707-2019	0000-0003-2134-0859

ISSN: 0014-3057

eISSN: 1873-1945

Record 9 of 11

Title: Internal Nanoparticle Structure of Temperature-Responsive Self-Assembled PNIPAM-b-PEG-b-PNIPAM Triblock Copolymers in Aqueous Solutions: NMR, SANS, and Light Scattering Studies

Author(s): Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Kabarov, L (Kabarov, Leonid); Velychkivska, N (Velychkivska, Nadiia); Starovoytova, L (Starovoytova, Larisa); Cernochova, Z (Cernochova, Zulfiya); Rogers, SE (Rogers, Sarah E.); Lau, WM (Lau, Wing Man); Khutoryanskiy, VV (Khutoryanskiy, Vitaliy V.); Cook, MT (Cook, Michael T.)

Source: LANGMUIR **Volume:** 32 **Issue:** 21 **Pages:** 5314-5323 **DOI:** 10.1021/acs.langmuir.6b00284 **Published:** MAY 31 2016

Accession Number: WOS:000377151300012

PubMed ID: 27159129

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kabarov, Leonid	B-9047-2016	0000-0002-5199-9980
Khutoryanskiy, Vitaliy V.	D-3712-2012	0000-0002-7221-2630
Lau, Man	D-1374-2010	0000-0002-2998-6470
Velychkivska, Nadiia	N-6642-2015	
Bogomolova, Anna	O-2982-2016	
Starovoytova, Larisa	E-3931-2012	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Cernochova, Zulfiya	H-6730-2014	
Cook, Michael		0000-0002-0772-682X

ISSN: 0743-7463

Record 10 of 11

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 11 of 11

Title: Five-Membered Ring Systems: With O and N Atoms

Author(s): Cordero, FM (Cordero, Franca M.); Giomi, D (Giomi, Donatella); Lascialfari, L (Lascialfari, Luisa)

Edited by: Gribble GW; Joule JA

Source: PROGRESS IN HETEROCYCLIC CHEMISTRY, VOL 27 **Book Series:** Progress in Heterocyclic Chemistry **Volume:** 27 **Pages:** 321-350 **DOI:** 10.1016/B978-0-08-100024-3.00011-8 **Published:** 2015

Accession Number: WOS:000367824100012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lascialfari, Luisa	B-8301-2014	0000-0002-7724-6362

ISSN: 0959-6380

ISBN: 978-0-08-100047-2; 978-0-08-100024-3

Publication No 45 of 132

Title: Hydrazone-based hydrogel hydrolytically degradable in acidic environment

Author(s): Vetrik, M (Vetrik, Miroslav); Pradny, M (Pradny, Martin); Hruby, M (Hruby,

Martin); Michalek, J (Michalek, Jiri)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 96 **Issue:** 5 **Pages:** 756-759 **DOI:** 10.1016/j.polymdegradstab.2011.02.020 **Published:** MAY 2011

Accession Number: WOS:000290078200004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetrik, Miroslav	G-3495-2014	
Hruby, Martin	H-6479-2014	
Michalek, Jiri	D-7251-2013	0000-0002-1253-0258
Pradny, Martin	H-8496-2014	

ISSN: 0141-3910

Record 1 of 11

Title: Preparation of poly[3-(methacryloylamino) propyl] trimethylammonium chloride coated mesh for oil-water separation

Author(s): Wu, JY (Wu, Jeng-Yi); Huang, CW (Huang, Chao-Wei); Tsai, PS (Tsai, Ping-Szu)

Source: DESALINATION AND WATER TREATMENT **Volume:** 158 **Pages:** 301-308 **DOI:** 10.5004/dwt.2019.24246 **Published:** AUG 2019

Accession Number: WOS:000472923900030

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Huang, Chao-Wei	V-7282-2019	

ISSN: 1944-3994
eISSN: 1944-3986

Record 2 of 11

Title: Bioresorbable pH- and temperature-responsive injectable hydrogels-incorporating electrosprayed particles for the sustained release of insulin

Author(s): Nguyen, DT (Dang Tri Nguyen); Phan, VHG (Phan, V. H. Giang); Lee, DS (Lee, Doo Sung); Thambi, T (Thambi, Thavasyappan); Huynh, DP (Dai Phu Huynh)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 162 **Pages:** 36-46 **DOI:** 10.1016/j.polymdegradstab.2019.02.013 **Published:** APR 2019

Accession Number: WOS:000465055500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Thambi, Thavasyappan		0000-0002-6618-2084

ISSN: 0141-3910
eISSN: 1873-2321

Record 3 of 11

Title: 3D Laser Micro- and Nanoprinting: Challenges for Chemistry

Author(s): Barner-Kowollik, C (Barner-Kowollik, Christopher); Bastmeyer, M (Bastmeyer, Martin); Blasco, E (Blasco, Eva); Delaittre, G (Delaittre, Guillaume); Muller, P (Mueller, Patrick); Richter, B (Richter, Benjamin); Wegener, M (Wegener, Martin)

Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 56 **Issue:** 50 **Pages:** 15828-15845 **DOI:** 10.1002/anie.201704695 **Published:** DEC 11 2017

Accession Number: WOS:000417200600004

PubMed ID: 28580704

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Barner-Kowollik, Christopher	B-6287-2008	0000-0002-6745-0570
Bastmeyer, Martin	H-9342-2013	
Wegener, Martin	S-5456-2016	0000-0002-9770-2441
Blasco, Eva	C-7210-2016	
Delaittre, Guillaume	C-8663-2012	

ISSN: 1433-7851
eISSN: 1521-3773

Record 4 of 11

Title: Aqueous RAFT at pH zero: enabling controlled polymerization of unprotected acyl hydrazide methacrylamides

Author(s): Hoff, EA (Hoff, Emily A.); Abel, BA (Abel, Brooks A.); Tretbar, CA (Tretbar, Chase A.); McCormick, CL (McCormick,

Charles L.); Patton, DL (Patton, Derek L.)

Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 34 **Pages:** 4978-4982 **DOI:** 10.1039/c6py01563h **Published:** SEP 14 2017

Accession Number: WOS:000409022200005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoff, Emily		0000-0003-3041-9489

ISSN: 1759-9954

eISSN: 1759-9962

Record 5 of 11

Title: Hyaluronic Acid and Its Derivatives in Coating and Delivery Systems: Applications in Tissue Engineering, Regenerative Medicine and Immunomodulation

Author(s): Knopf-Marques, H (Knopf-Marques, Helena); Pravda, M (Pravda, Martin); Wolfova, L (Wolfova, Lucie); Velebny, V (Velebny, Vladimir); Schaaf, P (Schaaf, Pierre); Vrana, NE (Vrana, Nihal Engin); Lavalley, P (Lavalley, Philippe)

Source: Advanced Healthcare Materials **Volume:** 5 **Issue:** 22 **Pages:** 2841-2855 **DOI:** 10.1002/adhm.201600316 **Published:** NOV 23 2016

Accession Number: WOS:000388999900001

PubMed ID: 27709832

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vrana, Nihal Engin A-2029-2010		0000-0002-5398-6710
Lavalley, Philippe E-6328-2016		0000-0001-8798-912X
Pravda, Martin		0000-0002-2625-7379

ISSN: 2192-2640

eISSN: 2192-2659

Record 6 of 11

Title: Properties of Poly(ethylene glycol) Hydrogels Cross-Linked via Strain-Promoted Alkyne-Azide Cycloaddition (SPAAC)

Author(s): Hodgson, SM (Hodgson, Sabrina M.); Bakaic, E (Bakaic, Emilia); Stewart, SA (Stewart, S. Alison); Hoare, T (Hoare, Todd); Adronov, A (Adronov, Alex)

Source: BIOMACROMOLECULES **Volume:** 17 **Issue:** 3 **Pages:** 1093-1100 **DOI:** 10.1021/acs.biomac.5b01711 **Published:** MAR 2016

Accession Number: WOS:000372391800041

PubMed ID: 26842783

ISSN: 1525-7797

eISSN: 1526-4602

Record 7 of 11

Title: Stimuli-Responsive Degradable Polymeric Hydrogels

Author(s): Cheng, XF (Cheng Xinfeng); Jin, Y (Jin Yong); Qi, R (Qi Rui); Fan, BZ (Fan Baozhu); Li, HP (Li Hanping)

Source: PROGRESS IN CHEMISTRY **Volume:** 27 **Issue:** 12 **Pages:** 1784-1798 **DOI:** 10.7536/PC150629 **Published:** DEC 2015

Accession Number: WOS:000367963100010

ISSN: 1005-281X

Record 8 of 11

Title: Designing Injectable, Covalently Cross-Linked Hydrogels for Biomedical Applications

Author(s): Patenaude, M (Patenaude, Mathew); Smeets, NMB (Smeets, Niels M. B.); Hoare, T (Hoare, Todd)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 35 **Issue:** 6 **Pages:** 598-617 **DOI:** 10.1002/marc.201300818 **Published:** MAR 2014

Accession Number: WOS:000333191700002

PubMed ID: 24477984

ISSN: 1022-1336

eISSN: 1521-3927

Record 9 of 11

Title: Tuning Gelation Time and Morphology of Injectable Hydrogels Using Ketone-Hydrazide Cross-Linking

Author(s): Patenaude, M (Patenaude, Mathew); Campbell, S (Campbell, Scott); Kinio, D (Kinio, Dennis); Hoare, T (Hoare, Todd)

Source: BIOMACROMOLECULES **Volume:** 15 **Issue:** 3 **Pages:** 781-790 **DOI:** 10.1021/bm401615d **Published:** MAR 2014

Accession Number: WOS:000332756600010

PubMed ID: 24432725

ISSN: 1525-7797
eISSN: 1526-4602

Record 10 of 11

Title: Injectable, Degradable Thermoresponsive Poly(N-isopropylacrylamide) Hydrogels
Author(s): Patenaude, M (Patenaude, Mathew); Hoare, T (Hoare, Todd)
Source: ACS MACRO LETTERS **Volume:** 1 **Issue:** 3 **Pages:** 409-413 **DOI:** 10.1021/mz200121k **Published:** MAR 2012
Accession Number: WOS:000301969600016
ISSN: 2161-1653

Record 11 of 11

Title: Injectable, Mixed Natural-Synthetic Polymer Hydrogels with Modular Properties
Author(s): Patenaude, M (Patenaude, Mathew); Hoare, T (Hoare, Todd)
Source: BIOMACROMOLECULES **Volume:** 13 **Issue:** 2 **Pages:** 369-378 **DOI:** 10.1021/bm2013982 **Published:** FEB 2012
Accession Number: WOS:000300115900010
PubMed ID: 22251304
ISSN: 1525-7797

Publication No 46 of 132

Title: Biodistribution of a radiolabelled thermoresponsive polymer in mice
Author(s): Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Lebeda, O (Lebeda, Ondrej)
Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 6 **Pages:** 1073-1078 **DOI:** 10.1016/j.apradiso.2010.01.022 **Published:** JUN 2010
Accession Number: WOS:000276422100016
PubMed ID: 20122844

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0969-8043

Record 1 of 11

Title: F-19 Magnetic Resonance Imaging of Injectable Polymeric Implants with Multiresponsive Behavior
Author(s): Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Jager, E (Jager, Eliezer); Laaser, JE (Laaser, Jennifer E.); Lodge, TP (Lodge, Timothy P.); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)
Source: CHEMISTRY OF MATERIALS **Volume:** 30 **Issue:** 15 **Pages:** 4892-4896 **DOI:** 10.1021/acs.chemmater.8b02115 **Published:** AUG 14 2018
Accession Number: WOS:000442186500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin		0000-0002-5075-261X

ISSN: 0897-4756

eISSN: 1520-5002

Record 2 of 11

Title: Thermoresponsive beta-glucan-based polymers for bimodal immunoradiotherapy - Are they able to promote the immune system?
Author(s): Loukotova, L (Loukotova, Lenka); Kucka, J (Kucka, Jan); Rabyk, M (Rabyk, Mariia); Hoherl, A (Hoherl, Anita); Venclikova, K (Venclikova, Kristyna); Janouskova, O (Janouskova, Olga); Paral, P (Paral, Petr); Kolarova, V (Kolarova, Vera); Heizer, T (Heizer, Tomas); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)
Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 268 **Pages:** 78-91 **DOI:** 10.1016/j.jconrel.2017.10.010 **Published:** DEC 28 2017
Accession Number: WOS:000417329800008

PubMed ID: 29031896

Author Identifiers:

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
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Kucka, Jan	G-7884-2014	
Sefc, Ludek	J-1848-2014	0000-0003-2846-220X
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Loukotova, Lenka	K-3599-2017	
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Hruby, Martin	H-6479-2014	
Hocherl, Anita	G-6222-2014	
		0000-0001-5124-0926
Hoecherl, Anita		0000-0003-3391-3546

ISSN: 0168-3659
eISSN: 1873-4995

Record 3 of 11

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Nadar, Robin	E-1828-2016	
Stephan, Holger	F-9789-2014	0000-0002-2972-2803
Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 4 of 11

Title: Double stimuli-responsive polymer systems: How to use crosstalk between pH- and thermosensitivity for drug depots

Author(s): Bogomolova, A (Bogomolova, A.); Kabarov, L (Kabarov, L.); Sedlacek, O (Sedlacek, O.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.); Kral, V (Kral, V.); Wang, XY (Wang, X. Y.); Liu, SL (Liu, S. L.); Ye, XD (Ye, X. D.); Hruby, M (Hruby, M.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 84 **Pages:** 54-64 **DOI:** 10.1016/j.eurpolymj.2016.09.010 **Published:** NOV 2016

Accession Number: WOS:000390181800005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kral, Vladimir	I-9518-2017	0000-0001-5034-4184
Bogomolova, Anna	O-2982-2016	
Liu, Shilin	F-1997-2010	0000-0002-3704-3798
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kabarov, Leonid	B-9047-2016	0000-0002-5199-9980
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Ye, Xiaodong	A-6983-2010	0000-0003-2143-1726
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	

ISSN: 0014-3057

eISSN: 1873-1945

Record 5 of 11

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Stepanek, Petr G-2882-2014
Hruby, Martin H-6479-2014
Panek, Jiri H-7129-2014
Kucka, Jan G-7884-2014

0000-0003-1433-678X

ISSN: 0862-8408

eISSN: 1802-9973

Record 6 of 11

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 7 of 11

Title: Thermoresponsive polymer system based on poly(N-vinylcaprolactam) intended for local radiotherapy applications

Author(s): Cernoch, P (Cernoch, Peter); Cernochova, Z (Cernochova, Zulfiya); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Petrova, S (Petrova, Svetlana); Stepanek, P (Stepanek, Petr)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 98 **Pages:** 7-12 **DOI:** 10.1016/j.apradiso.2015.01.005 **Published:** APR 2015

Accession Number: WOS:000352245100002

PubMed ID: 25617711

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Petrova, Svetlana	S-9341-2018	0000-0003-1516-1002
Cernochova, Zulfiya	H-6730-2014	
Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Petrova, Svetlana	H-3384-2014	0000-0001-7364-4737

ISSN: 0969-8043

Record 8 of 11

Title: Preparation and evaluation of radioiodinated thermoresponsive polymer based on poly(N-isopropyl acrylamide) for radiotherapy

Author(s): Karir, T (Karir, Tarveen); Sarma, HD (Sarma, Haladhar D.); Samuel, G (Samuel, Grace); Hassan, PA (Hassan, Puthusserickal A.); Padmanabhan, D (Padmanabhan, D.); Venkatesh, M (Venkatesh, Meera)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 130 **Issue:** 2 **Pages:** 860-868 **DOI:** 10.1002/app.39235 **Published:** OCT 15 2013

Accession Number: WOS:000322238200018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sarma, Haladhar Dev C	C-2350-2009	0000-0001-7168-4487

ISSN: 0021-8995

Record 9 of 11

Title: Lutetium-177 and iodine-131 loaded chelating polymer microparticles intended for radioembolization of liver malignancies

Author(s): Hruby, M (Hruby, Martin); Skodova, M (Skodova, Michaela); Mackova, H (Mackova, Hana); Skopal, J (Skopal, Jan); Tomes, M (Tomes, Marek); Kropacek, M (Kropacek, Martin); Zimova, J (Zimova, Jana); Kucka, J (Kucka, Jan)

Source: REACTIVE & FUNCTIONAL POLYMERS **Volume:** 71 **Issue:** 12 **Pages:** 1155-1159 **DOI:** 10.1016/j.reactfunctpolym.2011.09.003 **Published:** DEC 2011

Accession Number: WOS:000297524300005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Skodova, Michaela	I-7597-2014	

Tomes, Marek O-7442-2014
Zimova, Jana G-8566-2014
Mackova, Hana G-3247-2014
Kucka, Jan G-7884-2014
ISSN: 1381-5148

Record 10 of 11

Title: Thermoresponsive polymeric radionuclide delivery system-An injectable brachytherapy

Author(s): Hruby, M (Hruby, Martin); Pouckova, P (Pouckova, Pavla); Zadinova, M (Zadinova, Marie); Kucka, J (Kucka, Jan); Lebeda, O (Lebeda, Ondrej)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 42 **Issue:** 5 **Pages:** 484-488 **DOI:** 10.1016/j.ejps.2011.02.002 **Published:** APR 18 2011

Accession Number: WOS:000290822800006

PubMed ID: 21324355

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kucka, Jan	G-7884-2014	

ISSN: 0928-0987

Record 11 of 11

Title: Monitoring Atom Transfer Radical Polymerisation using C-14-radiolabelled initiators

Author(s): Long, M (Long, Mark); Rogers, SH (Rogers, Suzanne H.); Thornthwaite, DW (Thornthwaite, David W.); Livens, FR (Livens, Francis R.); Rannard, SP (Rannard, Steve P.)

Source: POLYMER CHEMISTRY **Volume:** 2 **Issue:** 3 **Pages:** 581-588 **DOI:** 10.1039/c0py00275e **Published:** MAR 2011

Accession Number: WOS:000287378000015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Rannard, Steve		0000-0002-6946-1097

ISSN: 1759-9954
eISSN: 1759-9962

Publication No 47 of 132

Title: New chemical modification of liquid polybutadienes: Radical addition of aliphatic aldehydes onto pending vinyl groups

Author(s): Podesva, J (Podesva, Jiri); Hruby, M (Hruby, Martin); Spevacek, J (Spevacek, Jiri); Hrdlickova, M (Hrdlickova, Miluse); Netopilik, M (Netopilik, Milos)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 46 **Issue:** 12 **Pages:** 3919-3925 **DOI:** 10.1002/pola.22720 **Published:** JUN 15 2008

Accession Number: WOS:000256643500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Spevacek, Jiri	H-2076-2014	0000-0002-1455-3488
Netopilik, Milos	G-5222-2014	
Podesva, Jiri	G-8987-2014	

ISSN: 0887-624X

Record 1 of 10

Title: Differences between ab initio emulsion and miniemulsion polymerization of styrene mediated by an alkenyl-functionalized amphiphilic RAFT agent

Author(s): Yang, L (Yang, Lei); Yin, J (Yin, Jie); Zhao, QQ (Zhao, Qiangqiang); Cui, ZH (Cui, Zhihua); Shen, YF (Shen, Yifeng); Wang, Y (Wang, Yu)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 296 **Issue:** 10 **Pages:** 1615-1625 **DOI:** 10.1007/s00396-018-4386-8 **Published:** OCT 2018

Accession Number: WOS:000443305300001

ISSN: 0303-402X

eISSN: 1435-1536

Record 2 of 10

Title: Transition Metal-Catalyzed Functionalization of Polyolefins Containing C-C, C = C, and C-H Bonds

Author(s): Mohanty, AD (Mohanty, Angela D.); Bae, C (Bae, Chulsung)

Edited by: Perez PJ

Source: ADVANCES IN ORGANOMETALLIC CHEMISTRY, VOL 64 **Book Series:** Advances in Organometallic Chemistry **Volume:** 64 **Pages:** 1-39 **DOI:** 10.1016/bs.adomc.2015.08.002 **Published:** 2015

Accession Number: WOS:000370521000002

ISSN: 0065-3055

ISBN: 978-0-12-802940-4

Record 3 of 10

Title: Ab Initio Emulsion and Miniemulsion Polymerization of Styrene Mediated by a Cyclohexenyl-Functionalized Amphiphilic RAFT Agent

Author(s): Yang, L (Yang, Lei); Xu, JQ (Xu, Jianqing); Sun, P (Sun, Peng); Shen, YF (Shen, Yifeng); Luo, YW (Luo, Yingwu)

Source: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH **Volume:** 53 **Issue:** 28 **Pages:** 11259-11268 **DOI:** 10.1021/ie501888b **Published:** JUL 16 2014

Accession Number: WOS:000339227700006

ISSN: 0888-5885

Record 4 of 10

Title: Styrene Solution Polymerization and Mini-emulsion Polymerization Mediated by Amphiphilic RAFT Agent Containing Inert Alkenyl Vinyl Bonds

Author(s): Yang, L (Yang, Lei); Sun, P (Sun, Peng); Qi, DM (Qi, Dong-ming); Shen, YF (Shen, Yi-feng)

Source: ACTA POLYMERICA SINICA **Issue:** 3 **Pages:** 316-325 **DOI:** 10.3724/SP.J.1105.2014.13245 **Published:** MAR 20 2014

Accession Number: WOS:000334978900004

ISSN: 1000-3304

Record 5 of 10

Title: Synthesis of Diverse Well-Defined Functional Polymers Based on Hydrozirconation and Subsequent Anti-Markovnikov Halogenation of 1,2-Polybutadiene

Author(s): Zheng, J (Zheng, Jun); Liu, F (Liu, Feng); Lin, YC (Lin, Yichao); Zhang, ZJ (Zhang, Zhijie); Zhang, GC (Zhang, Guangchun); Wang, L (Wang, Lu); Liu, Y (Liu, Yan); Tang, T (Tang, Tao)

Source: MACROMOLECULES **Volume:** 45 **Issue:** 3 **Pages:** 1190-1197 **DOI:** 10.1021/ma202628p **Published:** FEB 14 2012

Accession Number: WOS:000300124200007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Lu	O-1547-2015	0000-0003-3265-655X

ISSN: 0024-9297

Record 6 of 10

Title: Diversified Applications of Chemically Modified 1,2-Polybutadiene

Author(s): Yuan, JY (Yuan, Jiayin); ten Brummelhuis, N (ten Brummelhuis, Niels); Junginger, M (Junginger, Mathias); Xie, ZL (Xie, Zailai); Lu, Y (Lu, Yan); Taubert, A (Taubert, Andreas); Schlaad, H (Schlaad, Helmut)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 32 **Issue:** 15 **Pages:** 1157-1162 **DOI:** 10.1002/marc.201100254 **Published:** AUG 3 2011

Accession Number: WOS:000294151400004

PubMed ID: 21710531

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yuan, Jiayin	B-7324-2011	0000-0003-1016-5135
Lu, Yan	M-2034-2014	0000-0003-3055-0073
Taubert, Andreas	C-3246-2009	0000-0002-9329-0072
ten Brummelhuis, Niels		0000-0003-3534-2679

ISSN: 1022-1336

Record 7 of 10

Title: Cycloalkenyl-Functionalized Polymers and Block Copolymers: Syntheses via Selective RAFT Polymerizations and Demonstration of

Their Versatile Reactivity

Author(s): Ma, J (Ma, Jun); Cheng, C (Cheng, Chong); Wooley, KL (Wooley, Karen L.)

Source: MACROMOLECULES **Volume:** 42 **Issue:** 5 **Pages:** 1565-1573 **DOI:** 10.1021/ma8024255 **Published:** MAR 10 2009

Accession Number: WOS:000263883000026

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wooley, Karen D-4399-2015		0000-0003-4086-384X
Cheng, Chong K-2050-2014		

ISSN: 0024-9297

eISSN: 1520-5835

Record 8 of 10

Title: The Power of RAFT for Creating Polymers Having Imbedded Side-Chain Functionalities: Norbornenyl-Functionalized Polymers and their Transformations via ROMP and Thiol-ene Reactions

Author(s): Ma, J (Ma, Jun); Cheng, C (Cheng, Chong); Wooley, KL (Wooley, Karen L.)

Source: AUSTRALIAN JOURNAL OF CHEMISTRY **Volume:** 62 **Issue:** 11 **Pages:** 1507-1519 **DOI:** 10.1071/CH09243 **Published:** 2009

Accession Number: WOS:000271976400012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cheng, Chong K-2050-2014		
Wooley, Karen D-4399-2015		0000-0003-4086-384X

ISSN: 0004-9425

Record 9 of 10

Title: Synthetic macromolecules

Author(s): Kurosu, H (Kurosu, Hiromichi); Yamanobe, T (Yamanobe, Takeshi)

Edited by: Webb GA

Source: NUCLEAR MAGNETIC RESONANCE, VOL 38 **Book Series:** Nuclear Magnetic Resonance **Volume:** 38 **Pages:** 370-410 **DOI:** 10.1039/b704480c **Published:** 2009

Accession Number: WOS:000288757600011

ISSN: 0305-9804

ISBN: 978-1-84755-102-3

Book DOI: 10.1039/9781847551023

Record 10 of 10

Title: Well-Defined Polymers Bearing Pendent Alkene Functionalities via Selective RAFT Polymerization

Author(s): Ma, J (Ma, Jun); Cheng, C (Cheng, Chong); Sun, GR (Sun, Guorong); Wooley, KL (Wooley, Karen L.)

Source: MACROMOLECULES **Volume:** 41 **Issue:** 23 **Pages:** 9080-9089 **DOI:** 10.1021/ma802057u **Published:** DEC 9 2008

Accession Number: WOS:000261335100024

PubMed ID: 20640195

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wooley, Karen D-4399-2015		0000-0003-4086-384X
Cheng, Chong K-2050-2014		
Sun, Guorong D-2089-2013		

ISSN: 0024-9297

eISSN: 1520-5835

Publication No 48 of 132

Title: Thermoresponsive polymers - From laboratory curiosity to advanced materials for medicinal applications

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Lebeda, O (Lebeda, Ondrej); Ulbrich, K (Ulbrich, Karel)

Source: CHEMICKE LISTY **Volume:** 102 **Issue:** 1 **Pages:** 21-27 **Published:** 2008

Accession Number: WOS:000253252500004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Ulbrich, Karel	G-5145-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kucka, Jan	G-7884-2014	

ISSN: 0009-2770

Record 1 of 10

Title: The Choice of Biocompatible Polymer: Physico-Chemical Properties as the Key Factor to Be Considered

Author(s): Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 517-521 **Published:** 2018

Accession Number: WOS:000441289700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Record 2 of 10

Title: Phase Separation in Aqueous Solutions of Polyethylaminophosphazene Hydrochloride during Heating

Author(s): Grinberg, VY (Grinberg, V. Ya.); Grinberg, NV (Grinberg, N. V.); Burova, TV (Burova, T. V.); Dubovik, AS (Dubovik, A. S.); Tur, DR (Tur, D. R.); Papkov, VS (Papkov, V. S.)

Source: POLYMER SCIENCE SERIES A **Volume:** 52 **Issue:** 11 **Pages:** 1220-1227 **DOI:** 10.1134/S0965545X10110167 **Published:** NOV 2010

Accession Number: WOS:000286638600013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Дубовик, Александр	S-3890-2016	

ISSN: 0965-545X
eISSN: 1555-6107

Record 3 of 10

Title: Dual stimuli responsive PEG based hyperbranched polymers

Author(s): Dong, YX (Dong, Yixiao); Gunning, P (Gunning, Paul); Cao, HL (Cao, Hongliang); Mathew, A (Mathew, Asha); Newland, B (Newland, Ben); Saeed, AO (Saeed, Aram Omer); Magnusson, JP (Magnusson, Johannes Pall); Alexander, C (Alexander, Cameron); Tai, HY (Tai, Hongyun); Pandit, A (Pandit, Abhay); Wang, WX (Wang, Wenxin)

Source: POLYMER CHEMISTRY **Volume:** 1 **Issue:** 6 **Pages:** 827-830 **DOI:** 10.1039/c0py00101e **Published:** AUG 2010

Accession Number: WOS:000280651300005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tai, Hongyun	A-6572-2012	0000-0002-1480-7484
Saeed, Aram	N-2639-2015	0000-0003-2903-5875
Dong, Yixiao	N-8003-2017	
Cao, Hongliang	J-4681-2016	0000-0002-9342-7980
Pandit, Abhay	B-6187-2008	0000-0002-6292-4933
Alexander, Cameron	N-7729-2014	0000-0001-8337-1875
Wang, Wenxin		0000-0002-5053-0611
Newland, Ben		0000-0002-5214-2604

ISSN: 1759-9954

eISSN: 1759-9962

Record 4 of 10

Title: Investigation of internal microstructure and thermo-responsive properties of composite PNIPAM/silica microcapsules

Author(s): Cejkova, J (Cejkova, Jitka); Hanus, J (Hanus, Jaroslav); Stepanek, F (Stepanek, Frantisek)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 346 **Issue:** 2 **Pages:** 352-360 **DOI:** 10.1016/j.jcis.2010.02.060 **Published:** JUN 15 2010

Accession Number: WOS:000277482200011

PubMed ID: 20304409

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Stepanek, Frantisek C-1218-2009 0000-0001-9288-4568

ISSN: 0021-9797

eISSN: 1095-7103

Record 5 of 10

Title: Biodistribution of a radiolabelled thermoresponsive polymer in mice

Author(s): Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Lebeda, O (Lebeda, Ondrej)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 6 **Pages:** 1073-1078 **DOI:** 10.1016/j.apradiso.2010.01.022 **Published:** JUN 2010

Accession Number: WOS:000276422100016

PubMed ID: 20122844

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0969-8043

Record 6 of 10

Title: New coupling strategy for radionuclide labeling of synthetic polymers

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Vetrik, M (Vetrik, Miroslav)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 2 **Pages:** 334-339 **DOI:** 10.1016/j.apradiso.2009.11.039 **Published:** FEB 2010

Accession Number: WOS:000276117500018

PubMed ID: 20004106

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Mackova, Hana	G-3247-2014	

ISSN: 0969-8043

Record 7 of 10

Title: Controlled polymer synthesis-from biomimicry towards synthetic biology

Author(s): Pasparakis, G (Pasparakis, George); Krasnogor, N (Krasnogor, Natalio); Cronin, L (Cronin, Leroy); Davis, BG (Davis, Benjamin G.); Alexander, C (Alexander, Cameron)

Source: CHEMICAL SOCIETY REVIEWS **Volume:** 39 **Issue:** 1 **Pages:** 286-300 **DOI:** 10.1039/b809333b **Published:** 2010

Accession Number: WOS:000272711300022

PubMed ID: 20023853

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cronin, Leroy L	B-7752-2008	0000-0001-8035-5757
Davis, Benjamin G	C-5281-2011	0000-0002-5056-407X
Alexander, Cameron	N-7729-2014	0000-0001-8337-1875
Pasparakis, Georgios		0000-0002-8823-6186

ISSN: 0306-0012

Record 8 of 10

Title: Polymeric gels and hydrogels for biomedical and pharmaceutical applications

Author(s): Jagur-Grodzinski, J (Jagur-Grodzinski, Joseph)

Source: POLYMERS FOR ADVANCED TECHNOLOGIES **Volume:** 21 **Issue:** 1 **Pages:** 27-47 **DOI:** 10.1002/pat.1504 **Published:** JAN 2010

Accession Number: WOS:000273184400002

ISSN: 1042-7147

Record 9 of 10

Title: STIMULI-RESPONSIVE POLYMERIC MICELLES FOR DRUG DELIVERY PURPOSES

Author(s): Hruby, M (Hruby, Martin)

Edited by: Li S; Tiwari A; Prabakaran M; Aryal S

Source: SMART POLYMER MATERIALS FOR BIOMEDICAL APPLICATIONS **Book Series:** Materials Science and Technologies **Pages:** 193-211 **Published:** 2010

Accession Number: WOS:000283525900012

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Hruby, Martin H-6479-2014

ISBN: 978-1-60876-192-0

Record 10 of 10

Title: New Binary Thermoresponsive Polymeric System for Local Chemoradiotherapy

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Konak, C (Konak, Cestmir); Vetrik, M (Vetrik, Miroslav); Kozempel, J (Kozempel, Jan); Lebeda, O (Lebeda, Ondrej)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 111 **Issue:** 5 **Pages:** 2220-2228 **DOI:** 10.1002/app.29237 **Published:** MAR 5 2009

Accession Number: WOS:000262322900007

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Vetrik, Miroslav G-3495-2014

Hruby, Martin H-6479-2014

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Konak, Cestmir H-7177-2014

Kozempel, Jan J-1088-2019 0000-0002-6315-9225

ISSN: 0021-8995

Publication No 49 of 132

Title: The effect of simultaneous magnesium application on the biological effects of titanium

Author(s): Kuzel, S (Kuzel, S.); Cigler, P (Cigler, P.); Hruby, M (Hruby, M.); Vydra, J (Vydra, J.); Pavlikova, D (Pavlikova, D.); Tlustos, P (Tlustos, P.)

Source: PLANT SOIL AND ENVIRONMENT **Volume:** 53 **Issue:** 1 **Pages:** 16-23 **DOI:** 10.17221/3189-PSE **Published:** JAN 2007

Accession Number: WOS:000254472600003

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

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Cigler, Petr B-1142-2012

Hruby, Martin H-6479-2014

Tlustos, Pavel L-5312-2019 0000-0003-1274-0658

ISSN: 1214-1178

eISSN: 1805-9368

Record 1 of 10

Title: Assessing the impacts of sewage sludge amendment containing nano-TiO₂ on tomato plants: A life cycle study

Author(s): Bakshi, M (Bakshi, Mansi); Line, C (Line, Clarisse); Bedolla, DE (Bedolla, Diana E.); Stein, RJ (Stein, Ricardo Jose); Kaegi, R (Kaegi, Ralf); Sarret, G (Sarret, Geraldine); del Real, AEP (del Real, Ana E. Pradas); Castillo-Michel, H (Castillo-Michel, Hiram); Abhilash, PC (Abhilash, P. C.); Larue, C (Larue, Camille)

Source: JOURNAL OF HAZARDOUS MATERIALS **Volume:** 369 **Pages:** 191-198 **DOI:** 10.1016/j.jhazmat.2019.02.036 **Published:** MAY 5 2019

Accession Number: WOS:000462689800022

PubMed ID: 30776602

Author Identifiers:

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Abhilash, P.C. C-2740-2009
ISSN: 0304-3894
eISSN: 1873-3336

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Record 2 of 10

Title: Rooting and growth of root cuttings of two old rose cultivars 'Harison's Yellow' and 'Poppius' treated with IBA and biostimulants
Author(s): Monder, MJ (Monder, Marta Joanna)
Source: ACTA AGROBOTANICA **Volume:** 72 **Issue:** 2 **Article Number:** 1774 **DOI:** 10.5586/aa.1774 **Published:** 2019
Accession Number: WOS:000474433100011
ISSN: 0065-0951
eISSN: 2300-357X

Record 3 of 10

Title: Comparative Impact Assessment of TiO₂ and ZnO Nanoparticles to Rocket (*Eruca sativa* L) Plant
Author(s): Adiloglu, S (Adiloglu, Sevinc); Solmaz, Y (Solmaz, Yusuf); Cifci, DI (Cifci, Deniz Izlen); Meric, S (Merici, Sureyya)
Edited by: Ahsan A; Ismail AF
Source: NANOTECHNOLOGY IN WATER AND WASTEWATER TREATMENT: THEORY AND APPLICATIONS **Book Series:** Micro & Nano Technologies **Pages:** 115-123 **DOI:** 10.1016/B978-0-12-813902-8.00006-X **Published:** 2019
Accession Number: WOS:000473685000006
ISBN: 978-0-12-813903-5; 978-0-12-813902-8
Book DOI: 10.1016/C2017-0-00526-8

Record 4 of 10

Title: EFFECT OF APPLICATION OF Mg-TYTANIT STIMULATOR ON WINTER WHEAT YIELDING AND QUANTITATIVE PARAMETERS OF WHEAT STRAW AND GRAIN
Author(s): Kovacik, P (Kovacik, Peter); Wisniowska-Kielian, B (Wisniowska-Kielian, Barbara); Smolen, S (Smolen, Sylwester)
Source: JOURNAL OF ELEMENTOLOGY **Volume:** 23 **Issue:** 2 **Pages:** 697-708 **DOI:** 10.5601/jelem.2017.22.2.1461 **Published:** 2018
Accession Number: WOS:000437430400024
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Smolen, Sylwester	S-4081-2019	0000-0001-8093-3801

ISSN: 1644-2296

Record 5 of 10

Title: Titanium as a Beneficial Element for Crop Production
Author(s): Lyu, SH (Lyu, Shiheng); Wei, XY (Wei, Xiangying); Chen, JJ (Chen, Jianjun); Wang, C (Wang, Cun); Wang, XM (Wang, Xiaoming); Pan, DM (Pan, Dongming)
Source: FRONTIERS IN PLANT SCIENCE **Volume:** 8 **Article Number:** 597 **DOI:** 10.3389/fpls.2017.00597 **Published:** APR 25 2017
Accession Number: WOS:000400043400002
PubMed ID: 28487709
ISSN: 1664-462X

Record 6 of 10

Title: EFFECT OF TITANIUM ON GROWTH OF VERY EARLY-MATURING POTATO CULTIVARS
Author(s): Wadas, W (Wadas, Wanda); Kalinowski, K (Kalinowski, Krzysztof)
Source: ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS **Volume:** 16 **Issue:** 6 **Pages:** 125-138 **DOI:** 10.24326/asphc.2017.6.11 **Published:** 2017
Accession Number: WOS:000426534400011
Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wadas, Wanda	C-9358-2018	0000-0001-7676-4136

ISSN: 1644-0692

Record 7 of 10

Title: IMPACT OF FOLIAR APPLICATION OF THE BIOSTIMULATOR Mg-TYTANIT ON THE FORMATION OF WINTER OILSEED RAPE PHYTOMASS AND TITANIUM CONTENT
Author(s): Kovacik, P (Kovacik, Peter); Simansky, V (Simansky, Vladimir); Wierzbowska, J (Wierzbowska, Jadwiga); Renco, M (Renco,

Marek)

Source: JOURNAL OF ELEMENTOLOGY **Volume:** 21 **Issue:** 4 **Pages:** 1235-1251 **DOI:** 10.5601/jelem.2016.21.2.1155 **Published:** 2016

Accession Number: WOS:000390779100021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Wierzbowska, Jadwiga		0000-0003-2637-2999

ISSN: 1644-2296

Record 8 of 10

Title: Bioinorganic Chemistry of Titanium

Author(s): Buettner, KM (Buettner, Katherine M.); Valentine, AM (Valentine, Ann M.)

Source: CHEMICAL REVIEWS **Volume:** 112 **Issue:** 3 **Pages:** 1863-1881 **DOI:** 10.1021/cr1002886 **Published:** MAR 2012

Accession Number: WOS:000301988700017

PubMed ID: 22074443

ISSN: 0009-2665

Record 9 of 10

Title: Interactions between iron and titanium metabolism in spinach: A chlorophyll fluorescence study in hydropony

Author(s): Cigler, P (Cigler, Petr); Olejnickova, J (Olejnickova, Julie); Hruby, M (Hruby, Martin); Csefalvay, L (Csefalvay, Ladislav); Peterka, J (Peterka, Jiri); Kuzel, S (Kuzel, Stanislav)

Source: JOURNAL OF PLANT PHYSIOLOGY **Volume:** 167 **Issue:** 18 **Pages:** 1592-1597 **DOI:** 10.1016/j.jplph.2010.06.021 **Published:** 2010

Accession Number: WOS:000286484000010

PubMed ID: 20708819

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cigler, Petr	B-1142-2012	
Olejnickova, Julie	E-3654-2015	
Hruby, Martin	H-6479-2014	
Peterka, Jiri	D-9498-2016	0000-0001-9526-6968
Csefalvay, Ladislav	G-9761-2014	0000-0002-5589-6989
Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240

ISSN: 0176-1617

Record 10 of 10

Title: Elicitation of Pharmacologically Active Substances in an Intact Medical Plant

Author(s): Kuzel, S (Kuzel, Stanislav); Vydra, J (Vydra, Jan); Triska, J (Triska, Jan); Vrchotova, N (Vrchotova, Nadezda); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)

Source: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY **Volume:** 57 **Issue:** 17 **Pages:** 7907-7911 **DOI:** 10.1021/jf9011246 **Published:** SEP 9 2009

Accession Number: WOS:000269376000041

PubMed ID: 19663425

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Cigler, Petr	B-1142-2012	
Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240
Triska, Jan	H-3094-2014	0000-0003-3846-2158
Vrchotova, Nadezda	G-8425-2014	

ISSN: 0021-8561

eISSN: 1520-5118

Publication No 50 of 132

Title: Multistage-targeted pH-responsive polymer conjugate of Auger electron emitter: Optimized design and in vivo activity

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Mattova, J (Mattova, Jana); Parizek, M (Parizek, Martin); Studenovsky, M (Studenovsky, Martin); Zadinova, M (Zadinova, Marie); Pouckova, P (Pouckova, Pavia); Hruby, M (Hruby, Martin)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 63 **Pages:** 216-225 **DOI:** 10.1016/j.ejps.2014.07.012 **Published:** OCT 15 2014

Accession Number: WOS:000343388300026

PubMed ID: 25110352

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Studenovsky, Martin	H-4627-2014	
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Parizek, Martin	G-3114-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045

ISSN: 0928-0987

eISSN: 1879-0720

Record 1 of 9

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Nadar, Robin	E-1828-2016	
Stephan, Holger	F-9789-2014	0000-0002-2972-2803
Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 2 of 9

Title: The effect of ionizing radiation on biocompatible polymers: From sterilization to radiolysis and hydrogel formation

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Monnery, BD (Monnery, Bryn D.); Slouf, M (Slouf, Miroslav); Vetrik, M (Vetrik, Miroslav); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 137 **Pages:** 1-10 **DOI:** 10.1016/j.polymdegradstab.2017.01.005 **Published:** MAR 2017

Accession Number: WOS:000396948100001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Kucka, Jan	G-7884-2014	
Monnery, Bryn		0000-0001-5691-5451

ISSN: 0141-3910

eISSN: 1873-2321

Record 3 of 9

Title: Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Cernoch, P (Cernoch, Peter); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Stepanek, P (Stepanek, Petr); Vetrik, M (Vetrik, Miroslav); Lodge, TP (Lodge, Timothy P.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 32 **Issue:** 24 **Pages:** 6115-6122 **DOI:** 10.1021/acs.langmuir.6b01527 **Published:** JUN 21 2016

Accession Number: WOS:000378470000013

PubMed ID: 27238593

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernoch, Peter	H-6988-2014	
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891

ISSN: 0743-7463

Record 4 of 9

Title: Targeted Drug Delivery with Polymers and Magnetic Nanoparticles: Covalent and Noncovalent Approaches, Release Control, and Clinical Studies

Author(s): Ulbrich, K (Ulbrich, Karel); Hola, K (Hola, Katerina); Subr, V (Subr, Vladimir); Bakandritsos, A (Bakandritsos, Aristides); Tucek, J (Tucek, Jiri); Zboril, R (Zboril, Radek)

Source: CHEMICAL REVIEWS **Volume:** 116 **Issue:** 9 **Special Issue:** SI **Pages:** 5338-5431 **DOI:** 10.1021/acs.chemrev.5b00589 **Published:** MAY 11 2016

Accession Number: WOS:000375888300013

PubMed ID: 27109701

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Zboril, Radek	K-1530-2019	
Zboril, Radek	F-5153-2015	0000-0002-3147-2196
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Bakandritsos, Aristides		0000-0003-4411-9348
Tucek, Jiri		0000-0003-2037-4950

ISSN: 0009-2665

eISSN: 1520-6890

Record 5 of 9

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 6 of 9

Title: Radionuclides emitting short-range particles and modular nanotransporters for their delivery to target cancer cells

Author(s): Sobolev, AS (Sobolev, Alexander S.); Aliev, RA (Aliev, Ramiz A.); Kalmykov, SN (Kalmykov, Stepan N.)

Source: RUSSIAN CHEMICAL REVIEWS **Volume:** 85 **Issue:** 9 **Pages:** 1011-1032 **DOI:** 10.1070/RCR4601 **Published:** 2016

Accession Number: WOS:000391301900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sobolev, Alexander S.	P-6302-2015	0000-0001-8315-7764
Aliev, Ramiz		0000-0002-4150-928X

ISSN: 0036-021X

eISSN: 1468-4837

Record 7 of 9

Title: Polymer-Based Prodrugs: Improving Tumor Targeting and the Solubility of Small Molecule Drugs in Cancer Therapy

Author(s): Dragojevic, S (Dragojevic, Sonja); Ryu, JS (Ryu, Jung Su); Raucher, D (Raucher, Drazen)

Source: MOLECULES **Volume:** 20 **Issue:** 12 **Pages:** 21750-21769 **DOI:** 10.3390/molecules201219804 **Published:** DEC 2015

Accession Number: WOS:000367533400057

PubMed ID: 26690101

Author Identifiers:

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Lobmann, Korbinian		0000-0002-8710-6347
Rades, Thomas		0000-0002-7521-6020

ISSN: 1420-3049

Record 8 of 9

Title: Optimized protocol for the radioiodination of hydrazone-type polymer drug delivery systems

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 95 **Pages:** 129-134 **DOI:** 10.1016/j.apradiso.2014.10.016 **Published:** JAN 2015

Accession Number: WOS:000347585200021

PubMed ID: 25464189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0969-8043

Record 9 of 9

Title: Formation of DNA Adducts by Ellipticine and Its Micellar Form in Rats - A Comparative Study

Author(s): Stiborova, M (Stiborova, Marie); Manhartova, Z (Manhartova, Zuzana); Hodek, P (Hodek, Petr); Adam, V (Adam, Vojtech); Kizek, R (Kizek, Rene); Frei, E (Frei, Eva)

Source: SENSORS **Volume:** 14 **Issue:** 12 **Pages:** 22982-22997 **DOI:** 10.3390/s141222982 **Published:** DEC 2014

Accession Number: WOS:000346794300043

PubMed ID: 25479328

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hodek, Petr	G-1561-2010	0000-0003-3449-4697
Adam, Vojtech	D-7686-2012	0000-0002-8527-286X
Kizek, Rene		0000-0002-0467-6169

ISSN: 1424-8220

Publication No 51 of 132

Title: Immobilized metal affinity chromatography of phosphorylated proteins using high performance sorbents

Author(s): Novotna, L (Novotna, Lenka); Hruby, M (Hruby, Martin); Benes, MJ (Benes, Milan J.); Kucerovala, Z (Kucerovala, Zdenka)

Source: CHROMATOGRAPHIA **Volume:** 68 **Issue:** 5-6 **Pages:** 381-386 **DOI:** 10.1365/s10337-008-0727-y **Published:** SEP 2008

Accession Number: WOS:000259186700011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Benes, Milan	H-6778-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0009-5893

Record 1 of 8

Title: Chromatopanning for the identification of gallium binding peptides

Author(s): Schonberger, N (Schoenberger, Nora); Braun, R (Braun, Robert); Matys, S (Matys, Sabine); Lederer, FL (Lederer, Franziska L.); Lehmann, F (Lehmann, Falk); Flemming, K (Flemming, Katrin); Pollmann, K (Pollmann, Katrin)

Source: JOURNAL OF CHROMATOGRAPHY A **Volume:** 1600 **Pages:** 158-166 **DOI:** 10.1016/j.chroma.2019.04.037 **Published:** AUG 30 2019

Accession Number: WOS:000472687800019

PubMed ID: 31040030

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Braun, Robert		0000-0003-0639-4664
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ISSN: 0021-9673
eISSN: 1873-3778

Record 2 of 8

Title: Facile synthesis of Fe₃O₄@PDA core-shell microspheres functionalized with various metal ions: A systematic comparison of commonly-used metal ions for IMAC enrichment

Author(s): Jiang, JB (Jiang, Jiebing); Sun, XN (Sun, Xueni); Li, Y (Li, Yan); Deng, CH (Deng, Chunhui); Duan, GL (Duan, Gengli)

Source: TALANTA **Volume:** 178 **Pages:** 600-607 **DOI:** 10.1016/j.talanta.2017.09.071 **Published:** FEB 1 2018

Accession Number: WOS:000416615500079

PubMed ID: 29136869

ISSN: 0039-9140

eISSN: 1873-3573

Record 3 of 8

Title: Preparation of a novel Zr⁴⁺-immobilized metal affinity membrane for selective adsorption of phosphoprotein

Author(s): He, MF (He, Maofang); Wang, CZ (Wang, Chaozhan); Wei, YM (Wei, Yinmao)

Source: JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES **Volume:** 1029 **Pages:** 184-190 **DOI:** 10.1016/j.jchromb.2016.07.003 **Published:** SEP 1 2016

Accession Number: WOS:000381651900024

PubMed ID: 27433983

ISSN: 1570-0232

eISSN: 1873-376X

Record 4 of 8

Title: Highly efficient solid-phase derivatization of sugar phosphates with titanium-immobilized hydrophilic polydopamine-coated silica

Author(s): Qin, Q (Qin, Qian); Wang, BH (Wang, Bohong); Chang, MM (Chang, Mengmeng); Zhou, ZH (Zhou, Zhihui); Shi, XZ (Shi, Xianzhe); Xu, GW (Xu, Guowang)

Source: JOURNAL OF CHROMATOGRAPHY A **Volume:** 1457 **Pages:** 125-133 **DOI:** 10.1016/j.chroma.2016.06.046 **Published:** JUL 29 2016

Accession Number: WOS:000380080000015

PubMed ID: 27371021

ISSN: 0021-9673

eISSN: 1873-3778

Record 5 of 8

Title: Hydrophilic Polydopamine-Coated Graphene for Metal Ion Immobilization as a Novel Immobilized Metal Ion Affinity Chromatography Platform for Phosphoproteome Analysis

Author(s): Yan, YH (Yan, Yinghua); Zheng, ZF (Zheng, Zhifang); Deng, CH (Deng, Chunhui); Li, Y (Li, Yan); Zhang, XM (Zhang, Xiangmin); Yang, PY (Yang, Pengyuan)

Source: ANALYTICAL CHEMISTRY **Volume:** 85 **Issue:** 18 **Pages:** 8483-8487 **DOI:** 10.1021/ac401668e **Published:** SEP 17 2013

Accession Number: WOS:000330017400002

PubMed ID: 23941301

ISSN: 0003-2700

eISSN: 1520-6882

Record 6 of 8

Title: Facile synthesis of Ti⁴⁺-immobilized Fe₃O₄@polydopamine core-shell microspheres for highly selective enrichment of phosphopeptides

Author(s): Yan, YH (Yan, Yinghua); Zheng, ZF (Zheng, Zhifang); Deng, CH (Deng, Chunhui); Zhang, XM (Zhang, Xiangmin); Yang, PY (Yang, Pengyuan)

Source: CHEMICAL COMMUNICATIONS **Volume:** 49 **Issue:** 44 **Pages:** 5055-5057 **DOI:** 10.1039/c3cc41330f **Published:** 2013

Accession Number: WOS:000318561500023

PubMed ID: 23625148

ISSN: 1359-7345

Record 7 of 8

Title: Albumin
Author(s): Lundblad, RL (Lundblad, Roger L.)
Book Author(s): Lundblad, RL (Lundblad, RL)
Source: BIOTECHNOLOGY OF PLASMA PROTEINS **Book Series:** Protein Science-CRC **Pages:** 83-181 **Published:** 2013
Accession Number: WOS:000362272500005
ISSN: 2155-0530
ISBN: 978-1-4398-5027-5; 978-1-4398-5026-8

Record 8 of 8

Title: A poly(ethylene glycol)-brush decorated magnetic polymer for highly specific enrichment of phosphopeptides
Author(s): Zhao, L (Zhao, Liang); Qin, HQ (Qin, Hongqiang); Hu, ZY (Hu, Zhengyan); Zhang, Y (Zhang, Yi); Wu, RA (Wu, Ren'an); Zou, HF (Zou, Hanfa)
Source: CHEMICAL SCIENCE **Volume:** 3 **Issue:** 9 **Pages:** 2828-2838 **DOI:** 10.1039/c2sc20363d **Published:** 2012
Accession Number: WOS:000306931300023
ISSN: 2041-6520
eISSN: 2041-6539

Publication No 52 of 132

Title: Poly(ethylene oxide)-coated polyamide nanoparticles degradable by glutathione
Author(s): Hruby, M (Hruby, Martin); Konak, C (Konak, Cestmir); Ulbrich, K (Ulbrich, Karel)
Source: COLLOID AND POLYMER SCIENCE **Volume:** 285 **Issue:** 5 **Pages:** 569-574 **DOI:** 10.1007/s00396-006-1585-5 **Published:** FEB 2007
Accession Number: WOS:000243803400011

Author Identifiers:

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Konak, Cestmir H-7177-2014
Hruby, Martin H-6479-2014
Ulbrich, Karel G-5145-2014

ISSN: 0303-402X

Record 1 of 9

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems
Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)
Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016
Accession Number: WOS:000386686800003
PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
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Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 2 of 9

Title: Nature-Inspired Stimuli-Responsive Polymers for Drug Delivery
Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Felklova, V (Felklova, Veronika); Stepanek, P (Stepanek, Petr)
Source: CHEMICKE LISTY **Volume:** 109 **Issue:** 7 **Pages:** 482-487 **Published:** JUL 2015
Accession Number: WOS:000360567700002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

Record 3 of 9

Title: Zwitterionic light-responsive polymeric micelles for controlled drug delivery

Author(s): Shen, HJ (Shen, Hanjian); Zhou, M (Zhou, Min); Zhang, Q (Zhang, Qian); Keller, A (Keller, Andreas); Shen, Y (Shen, Yan)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 293 **Issue:** 6 **Pages:** 1685-1694 **DOI:** 10.1007/s00396-015-3550-7 **Published:** JUN 2015

Accession Number: WOS:000355334600011

ISSN: 0303-402X

eISSN: 1435-1536

Record 4 of 9

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 5 of 9

Title: Nanoparticle processes modelling: The role of key parameters for population balances for on-line crystallization processes applications

Author(s): Costa, CBB (Borba Costa, Caliane Bastos); Maciel, R (Maciel Filho, Rubens)

Source: POWDER TECHNOLOGY **Volume:** 202 **Issue:** 1-3 **Pages:** 89-94 **DOI:** 10.1016/j.powtec.2010.04.021 **Published:** AUG-OCT 2010

Accession Number: WOS:000279844200010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Biofabris, Inct	I-2418-2013	
Costa, Caliane Bastos Borba	N-7117-2016	0000-0002-9983-566X
Costa, Caliane	A-9393-2013	

ISSN: 0032-5910

Record 6 of 9

Title: Preparation and characterization of smart polymer brush-modified magnetic nanoparticles for biomedicine application

Author(s): Wang, SX (Wang, Shixing); Zhou, Y (Zhou, Yang); Guan, W (Guan, Wen); Ding, BJ (Ding, Bingjun)

Source: JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 11 **Issue:** 4 **Pages:** 909-916 **DOI:** 10.1007/s11051-008-9481-1 **Published:** MAY 2009

Accession Number: WOS:000264838100017

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Guan, Wen	E-7792-2010	

ISSN: 1388-0764

eISSN: 1572-896X

Record 7 of 9

Title: T-Cell Activation by Antigen-Loaded pH-Sensitive Hydrogel Particles in Vivo: The Effect of Particle Size

Author(s): Cohen, JA (Cohen, Joel A.); Beaudette, TT (Beaudette, Tristan T.); Tseng, WW (Tseng, William W.); Bachelder, EM (Bachelder, Eric M.); Mende, I (Mende, Ines); Engleman, EG (Engleman, Edgar G.); Frechet, MJM (Frechet, Jean M. J.)

Source: BIOCONJUGATE CHEMISTRY **Volume:** 20 **Issue:** 1 **Pages:** 111-119 **DOI:** 10.1021/bc800338n **Published:** JAN 2009

Accession Number: WOS:000262659700015

PubMed ID: 19102625

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
FRECHET, Jean M	P-1497-2016	

Record 8 of 9

Title: Triggered decomposition of polymeric nanoparticles

Author(s): Jhaveri, SB (Jhaveri, Sarav B.); Carter, KR (Carter, Kenneth R.)

Source: MACROMOLECULES **Volume:** 40 **Issue:** 22 **Pages:** 7874-7877 **DOI:** 10.1021/ma071750x **Published:** OCT 30 2007

Accession Number: WOS:000250377900023

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Carter, Kenneth G	G-2594-2015	0000-0002-7081-2296

ISSN: 0024-9297

Record 9 of 9

Title: PEG-SS-PPS: Reduction-sensitive disulfide block copolymer vesicles for intracellular drug delivery

Author(s): Cerritelli, S (Cerritelli, Simona); Velluto, D (Velluto, Diana); Hubbell, JA (Hubbell, Jeffrey A.)

Source: BIOMACROMOLECULES **Volume:** 8 **Issue:** 6 **Pages:** 1966-1972 **DOI:** 10.1021/bm070085x **Published:** JUN 2007

Accession Number: WOS:000247107900027

PubMed ID: 17497921

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Xu, Qingguo	C-1962-2014	0000-0003-3191-0771
Hubbell, Jeffrey A	A-9266-2008	0000-0003-0276-5456

ISSN: 1525-7797

Publication No 53 of 132

Title: Polyelectrolyte pH-Responsive Protein-Containing Nanoparticles: The Physicochemical Supramolecular Approach

Author(s): Riabtseva, A (Riabtseva, Anna); Kabarov, LI (Kabarov, Leonid I.); Kucka, J (Kucka, Jan); Bogomolova, A (Bogomolova, Anna); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 33 **Issue:** 3 **Pages:** 764-772 **DOI:** 10.1021/acs.langmuir.6b03778 **Published:** JAN 24 2017

Accession Number: WOS:000392888600012

PubMed ID: 28045529

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Kucka, Jan	G-7884-2014	
Bogomolova, Anna	O-2982-2016	
Kabarov, Leonid	B-9047-2016	0000-0002-5199-9980
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Hruby, Martin		0000-0002-5075-261X

ISSN: 0743-7463

Record 1 of 8

Title: pH-sensitive Eudragit (R) L 100 nanoparticles promote cutaneous penetration and drug release on the skin

Author(s): Dong, P (Dong, Pin); Sahle, FF (Sahle, Fitsum Feleke); Lohan, SB (Lohan, Silke B.); Saeidpour, S (Saeidpour, Siavash); Albrecht, S (Albrecht, Stephanie); Teutloff, C (Teutloff, Christian); Bodmeier, R (Bodmeier, Roland); Unbehauen, M (Unbehauen, Michael); Wolff, C (Wolff, Christopher); Haag, R (Haag, Rainer); Lademann, J (Lademann, Jurgen); Patzel, A (Patzel, Alexa); Schaefer-Korting, M (Schaefer-Korting, Monika); Meinke, MC (Meinke, Martina C.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 295 **Pages:** 214-222 **DOI:** 10.1016/j.jconrel.2018.12.045 **Published:** FEB 2019

Accession Number: WOS:000457149000019

PubMed ID: 30597246

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Saeidpour, Siavash A-8167-2017		0000-0003-0597-2565

ISSN: 0168-3659
eISSN: 1873-4995

Record 2 of 8

Title: Scalable Manufacturing of Enteric Encapsulation Systems for Site Specific Oral Insulin Delivery

Author(s): Sun, LL (Sun, Lilong); Liu, ZJ (Liu, Zhijia); Tian, HK (Tian, Houkuan); Le, ZC (Le, Zhicheng); Liu, LX (Liu, Lixin); Leong, KW (Leong, Kam W.); Mao, HQ (Mao, Hai-Quan); Chen, YM (Chen, Yongming)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 1 **Pages:** 528-538 **DOI:** 10.1021/acs.biomac.8b01530 **Published:** JAN 2019

Accession Number: WOS:000456349600046

PubMed ID: 30537806

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Leong, Kam	O-9302-2019	0000-0002-8133-4955
Chen, Yongming E-3656-2015		0000-0003-2843-5543
Liu, Zhijia		0000-0002-8438-6961
Mao, Hai-Quan		0000-0002-4262-9988
Liu, Lixin		0000-0001-6133-4977

ISSN: 1525-7797

eISSN: 1526-4602

Record 3 of 8

Title: Novel block glycopolymers prepared as delivery nanocarriers for controlled release of bortezomib

Author(s): Zhang, XT (Zhang, Xiaoting); Yuan, TY (Yuan, Tianyu); Dong, HL (Dong, Hailiang); Xu, JM (Xu, Jiaming); Wang, DY (Wang, Danyue); Tong, H (Tong, Han); Ji, XH (Ji, Xiaohuan); Sun, B (Sun, Bin); Zhu, MF (Zhu, Meifang); Jiang, XZ (Jiang, Xiaoze)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 296 **Issue:** 11 **Pages:** 1827-1839 **DOI:** 10.1007/s00396-018-4406-8 **Published:** NOV 2018

Accession Number: WOS:000448691100010

PubMed ID: 30416246

ISSN: 0303-402X

eISSN: 1435-1536

Record 4 of 8

Title: Structural characteristics and rheological properties of ovalbumin-gum arabic complex coacervates

Author(s): Niu, FH (Niu, Fuge); Kou, MX (Kou, Mengxuan); Fan, JM (Fan, Jiamci); Pan, WC (Pan, Weichun); Feng, ZJ (Feng, Zhi-Juan); Su, YJ (Su, Yujie); Yang, YJ (Yang, Yanjun); Zhou, WH (Zhou, Wenhua)

Source: FOOD CHEMISTRY **Volume:** 260 **Pages:** 1-6 **DOI:** 10.1016/j.foodchem.2018.03.141 **Published:** SEP 15 2018

Accession Number: WOS:000430886500001

PubMed ID: 29699649

ISSN: 0308-8146

eISSN: 1873-7072

Record 5 of 8

Title: Adsorption of lysozyme on pH-responsive PnBA-b-PAA polymeric nanoparticles: studies by stopped-flow SAXS and ITC

Author(s): Filippov, SK (Filippov, Sergey K.); Papagiannopoulos, A (Papagiannopoulos, Aristeidis); Riabtseva, A (Riabtseva, Anna); Pispas, S (Pispas, Stergios)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 296 **Issue:** 7 **Pages:** 1183-1191 **DOI:** 10.1007/s00396-018-4329-4 **Published:** JUL 2018

Accession Number: WOS:000435592300009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Filippov, Sergey B-8438-2009		0000-0002-4253-5076

ISSN: 0303-402X
eISSN: 1435-1536

Record 6 of 8

Title: Cyclodextrin/polyethylenimine-based supramolecular nanoparticles for loading and sustained release of ATP

Author(s): Liang, L (Liang, Lu); Chen, Y (Chen, Yong); Chen, XM (Chen, Xu-Man); Zhang, Y (Zhang, Yi); Liu, Y (Liu, Yu)

Source: CHINESE CHEMICAL LETTERS **Volume:** 29 **Issue:** 6 **Pages:** 989-991 **DOI:** 10.1016/j.cclet.2017.12.022 **Published:** JUN 2018

Accession Number: WOS:000436910700061

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
LIU, Yu C-3197-2012

ISSN: 1001-8417

eISSN: 1878-5964

Record 7 of 8

Title: Self-assembly in Polymer Systems Inspired by Living Nature

Author(s): Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 294-300 **Published:** 2018

Accession Number: WOS:000433031600002

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
Hruby, Martin H-6479-2014

ISSN: 0009-2770

eISSN: 1213-7103

Record 8 of 8

Title: Stimuli Responsive Gradient Polymers

Author(s): Guo, XF (Guo, Xiaofeng); Pan, XY (Pan, Xiangyu); Wei, XH (Wei, Xiaohu); Feng, AC (Feng, Anchao); Thang, SH (Thang, San H.)

Source: PROGRESS IN CHEMISTRY **Volume:** 29 **Issue:** 10 **Pages:** 1184-1194 **DOI:** 10.7536/PC170340 **Published:** OCT 2017

Accession Number: WOS:000416321700003

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
Thang, San 0000-0003-2629-3895

ISSN: 1005-281X

Publication No 54 of 132

Title: Thermoresponsive micelles for radionuclide delivery

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Panek, J (Panek, Jiri); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Kucka, J (Kucka, Jan); Ulbrich, K (Ulbrich, Karel)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 148 **Issue:** 1 **Pages:** E60-E62 **DOI:** 10.1016/j.jconrel.2010.07.024 **Published:** NOV 20 2010

Accession Number: WOS:000296426400040

PubMed ID: 21529629

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Panek, Jiri H-7129-2014

Mackova, Hana G-3247-2014

Hruby, Martin H-6479-2014

Ulbrich, Karel G-5145-2014

Kucka, Jan G-7884-2014

Filippov, Sergey B-8438-2009

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ISSN: 0168-3659

Record 1 of 8

Title: Internal Nanoparticle Structure of Temperature-Responsive Self-Assembled PNIPAM-b-PEG-b-PNIPAM Triblock Copolymers in Aqueous Solutions: NMR, SANS, and Light Scattering Studies

Author(s): Filippov, SK (Filippov, Sergey K.); Bogomolova, A (Bogomolova, Anna); Kabarov, L (Kabarov, Leonid); Velychivska, N (Velychivska, Nadiia); Starovoytova, L (Starovoytova, Larisa); Cernochova, Z (Cernochova, Zulfiya); Rogers, SE (Rogers, Sarah E.); Lau, WM (Lau, Wing Man); Khutoryanskiy, VV (Khutoryanskiy, Vitaly V.); Cook, MT (Cook, Michael T.)

Source: LANGMUIR **Volume:** 32 **Issue:** 21 **Pages:** 5314-5323 **DOI:** 10.1021/acs.langmuir.6b00284 **Published:** MAY 31 2016

Accession Number: WOS:000377151300012

PubMed ID: 27159129

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kabarov, Leonid	B-9047-2016	0000-0002-5199-9980
Khutoryanskiy, Vitaliy V.	D-3712-2012	0000-0002-7221-2630
Lau, Man	D-1374-2010	0000-0002-2998-6470
Velychkivska, Nadiia	N-6642-2015	
Bogomolova, Anna	O-2982-2016	
Starovoytova, Larisa	E-3931-2012	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Cernochova, Zulfiya	H-6730-2014	
Cook, Michael		0000-0002-0772-682X

ISSN: 0743-7463

Record 2 of 8

Title: Thermoresponsive gels based on ABC triblock copolymers: effect of the length of the PEG side group

Author(s): Constantinou, AP (Constantinou, A. P.); Georgiou, TK (Georgiou, T. K.)

Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 11 **Pages:** 2045-2056 **DOI:** 10.1039/c5py02072g **Published:** 2016

Accession Number: WOS:000372249400005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Constantinou, Anna P.	J-3795-2018	

ISSN: 1759-9954

eISSN: 1759-9962

Record 3 of 8

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 4 of 8

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 5 of 8

Title: Novel thermosensitive telechelic PEGs with antioxidant activity: synthesis, molecular properties and conformational behaviour

Author(s): Sergeeva, O (Sergeeva, Olga); Vlasov, PS (Vlasov, Petr S.); Domnina, NS (Domnina, Nina S.); Bogomolova, A (Bogomolova, Anna); Konarev, PV (Konarev, Petr V.); Svergun, DI (Svergun, Dmitri I.); Walterova, Z (Walterova, Zuzana); Horsky, J (Horsky, Jiri); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: RSC ADVANCES **Volume:** 4 **Issue:** 79 **Pages:** 41763-41771 **DOI:** 10.1039/c4ra06978a **Published:** 2014

Accession Number: WOS:000342161600008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konarev, Petr	W-1380-2017	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Bogomolova, Anna	O-2982-2016	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Vlasov, Petr	K-4465-2013	0000-0003-4912-4293
Domnina, Nina	K-7611-2013	0000-0002-7124-899X
Horsky, Jiri	G-3442-2014	0000-0002-1700-6332

ISSN: 2046-2069

Record 6 of 8

Title: Thermoresponsive gels based on ABA triblock copolymers: Does the asymmetry matter?

Author(s): Ward, MA (Ward, Mark A.); Georgiou, TK (Georgiou, Theoni K.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 51 **Issue:** 13 **Pages:** 2850-2859 **DOI:** 10.1002/pola.26674 **Published:** JUL 1 2013

Accession Number: WOS:000319681900012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Georgiou, Theoni	A-4229-2008	0000-0003-4474-6931

ISSN: 0887-624X

eISSN: 1099-0518

Record 7 of 8

Title: Multicompartment thermoresponsive gels: does the length of the hydrophobic side group matter?

Author(s): Ward, MA (Ward, Mark A.); Georgiou, TK (Georgiou, Theoni K.)

Source: POLYMER CHEMISTRY **Volume:** 4 **Issue:** 6 **Pages:** 1893-1902 **DOI:** 10.1039/c2py21032k **Published:** 2013

Accession Number: WOS:000315167700019

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Georgiou, Theoni	A-4229-2008	0000-0003-4474-6931

ISSN: 1759-9954

Record 8 of 8

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

eISSN: 1521-3927

Publication No 55 of 132

Title: Temoporfin-loaded 1-tetradecanol-based thermoresponsive solid lipid nanoparticles for photodynamic therapy

Author(s): Brezanirova, I (Brezanirova, Ingrid); Hruby, M (Hruby, Martin); Kralova, J (Kralova, Jarmila); Kral, V (Kral, Vladimir); Cernochova, Z (Cernochova, Zulfiya); Cernoch, P (Cernoch, Peter); Slouf, M (Slouf, Miroslav); Kredatusova, J (Kredatusova, Jana); Stepanek, P (Stepanek, Petr)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 241 **Pages:** 34-44 **DOI:**

10.1016/j.jconrel.2016.09.009 **Published:** NOV 10 2016

Accession Number: WOS:000386251700004

PubMed ID: 27622757

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernochova, Zulfiya	H-6730-2014	
Kral, Vladimir	I-9518-2017	0000-0001-5034-4184
Kredatusova, Jana	G-8468-2014	
Hruby, Martin	H-6479-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Cernoch, Peter	H-6988-2014	
Kralova, Jarmila	G-3834-2014	0000-0002-4735-8857

ISSN: 0168-3659

eISSN: 1873-4995

Record 1 of 7

Title: Current state of the nanoscale delivery systems for temoporfin-based photodynamic therapy: Advanced delivery strategies

Author(s): Yakavets, I (Yakavets, Ilya); Millard, M (Millard, Marie); Zorin, V (Zorin, Vladimir); Lassalle, HP (Lassalle, Henri-Pierre); Bezdetnaya, L (Bezdetnaya, Lina)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 304 **Pages:** 268-287 **DOI:** 10.1016/j.jconrel.2019.05.035 **Published:** JUN 28 2019

Accession Number: WOS:000473719700026

PubMed ID: 31136810

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yakavets, Ilya	R-9066-2016	0000-0003-0373-5160

ISSN: 0168-3659

eISSN: 1873-4995

Record 2 of 7

Title: One-Pot Method for Preparation of Magnetic Multi-Core Nanocarriers for Drug Delivery

Author(s): Dragar, C (Dragar, Crt); Potrc, T (Potrc, Tanja); Nemec, S (Nemec, Sebastjan); Roskar, R (Roskar, Robert); Pajk, S (Pajk, Stane); Kocbek, P (Kocbek, Petra); Kralj, S (Kralj, Slavko)

Source: MATERIALS **Volume:** 12 **Issue:** 3 **Article Number:** 540 **DOI:** 10.3390/ma12030540 **Published:** FEB 1 2019

Accession Number: WOS:000460768000209

PubMed ID: 30759725

ISSN: 1996-1944

Record 3 of 7

Title: Iron Oxide Nanoparticles: Innovative Tool in Cancer Diagnosis and Therapy

Author(s): Martinkova, P (Martinkova, Pavla); Brtnicky, M (Brtnicky, Martin); Kynicky, J (Kynicky, Jindrich); Pohanka, M (Pohanka, Miroslav)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 7 **Issue:** 5 **Article Number:** 1700932 **DOI:** 10.1002/adhm.201700932 **Published:** MAR 7 2018

Accession Number: WOS:000426758500012

PubMed ID: 29205944

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brtnicky, Martin	I-4939-2018	0000-0001-5237-722X
Pohanka, Miroslav	D-7607-2012	0000-0001-8804-8356
Valkova, Pavla		0000-0001-7176-7995

ISSN: 2192-2640

eISSN: 2192-2659

Record 4 of 7

Title: Silica-based nanoparticles are efficient delivery systems for temoporfin

Author(s): Brezanirova, I (Brezanirova, Ingrid); Zaruba, K (Zaruba, Kamil); Kralova, J (Kralova, Jarmila); Sinica, A (Sinica, Alla);

Adamkova, H (Adamkova, Hana); Ulbrich, P (Ulbrich, Pavel); Pouckova, P (Pouckova, Pavla); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Kral, V (Kral, Vladimir)

Source: PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY **Volume:** 21 **Pages:** 275-284 **DOI:** 10.1016/j.pdpdt.2017.12.014 **Published:** MAR 2018

Accession Number: WOS:000430644200045

PubMed ID: 29288831

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zaruba, Kamil F-2125-2018		
Stepanek, Petr G-2882-2014		0000-0003-1433-678X
Ulbrich, Pavel F-5747-2010		
Hruby, Martin H-6479-2014		
Ulbrich, Pavel		0000-0002-9076-8210

ISSN: 1572-1000

eISSN: 1873-1597

Record 5 of 7

Title: The photodynamic therapy activity of 3-(1-hydroxyethyl)-3-devinyl-13(1)-(dicyanomethylene) pyropheophorbide-a methyl ester (HDCPPa) against HeLa cell in vitro

Author(s): Li, WT (Li, Wenting); Wang, Q (Wang, Qi); Tan, GH (Tan, Guanghui); Zhang, HY (Zhang, Hongyue); Cheng, JJ (Cheng, Jianjun); Wang, ZQ (Wang, Zhiqiang); Jin, YX (Jin, Yingxue)

Source: JOURNAL OF PORPHYRINS AND PHTHALOCYANINES **Volume:** 21 **Issue:** 9 **Pages:** 589-598 **DOI:** 10.1142/S1088424617500584 **Published:** SEP 2017

Accession Number: WOS:000416231500003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Zhiqiang		0000-0002-5573-455X

ISSN: 1088-4246

eISSN: 1099-1409

Record 6 of 7

Title: Targeting integrin-rich tumors with temoporfin-loaded vitamin-E-succinate-grafted chitosan oligosaccharide/D-alpha-tocopheryl polyethylene glycol 1000 succinate nanoparticles to enhance photodynamic therapy efficiency

Author(s): Wu, JR (Wu, Junru); Feng, S (Feng, Shu); Liu, WC (Liu, Wenchao); Gao, F (Gao, Feng); Chen, YZ (Chen, Yanzuo)

Source: INTERNATIONAL JOURNAL OF PHARMACEUTICS **Volume:** 528 **Issue:** 1-2 **Pages:** 287-298 **DOI:** 10.1016/j.ijpharm.2017.06.021 **Published:** AUG 7 2017

Accession Number: WOS:000408007600026

PubMed ID: 28606509

ISSN: 0378-5173

eISSN: 1873-3476

Record 7 of 7

Title: Solid lipid nanoparticles for thermoresponsive targeting: evidence from spectrophotometry, electrochemical, and cytotoxicity studies

Author(s): Rehman, M (Rehman, Mubashar); Ihsan, A (Ihsan, Ayesha); Madni, A (Madni, Asadullah); Bajwa, SZ (Bajwa, Sadia Zafar); Shi, D (Shi, Di); Webster, TJ (Webster, Thomas J.); Khan, WS (Khan, Waheed S.)

Source: INTERNATIONAL JOURNAL OF NANOMEDICINE **Volume:** 12 **Pages:** 8325-8336 **DOI:** 10.2147/IJN.S147506 **Published:** 2017

Accession Number: WOS:000415814100001

PubMed ID: 29200845

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Rehman, Mubashar J-1508-2015		0000-0002-7605-8861
Ihsan, Ayesha C-6933-2013		0000-0001-6605-1466
Bajwa, Sadia Zafar		0000-0002-4755-0267

ISSN: 1178-2013

Publication No 56 of 132

Title: Poly(glycidyl methacrylate)/silver nanocomposite microspheres as a radioiodine scavenger: Electrophoretic characterisation of carboxyl- and amine-modified particles

Author(s): Mackova, H (Mackova, Hana); Oukacine, F (Oukacine, Farid); Plichta, Z (Plichta,

Zdenek); Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Taverna, M (Taverna, Myriam); Horak, D (Horak, Daniel)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 421 **Pages:** 146-153 **DOI:** 10.1016/j.jcis.2014.01.042 **Published:** MAY 1 2014

Accession Number: WOS:000334478600020

PubMed ID: 24594043

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Mackova, Hana	G-3247-2014	
Horak, Daniel	G-3487-2014	0000-0002-6907-9701
taverna, myriam		0000-0002-3656-8293
OUKACINE, FARID		0000-0001-9983-5005

ISSN: 0021-9797

eISSN: 1095-7103

Record 1 of 7

Title: Poly(aspartic acid) surface modification of macroporous poly(glycidyl methacrylate) microspheres

Author(s): Wu, XY (Wu, Xiaoyuan); Jiang, WW (Jiang, Wenwei); Luo, Y (Luo, Yu); Li, JJ (Li, Jingjing)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 136 **Issue:** 20 **Article Number:** 47441 **DOI:** 10.1002/app.47441 **Published:** MAY 20 2019

Accession Number: WOS:000459632600005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jiang, Wenwei		0000-0003-2204-850X
wu, xiaoyuan		0000-0003-2011-362X

ISSN: 0021-8995

eISSN: 1097-4628

Record 2 of 7

Title: Preparation of metal-polymer nanocomposites by chemical reduction of metal ions: functions of polymer matrices

Author(s): Dzhardimalieva, GI (Dzhardimalieva, Gulzhian I.); Uflyand, IE (Uflyand, Igor E.)

Source: JOURNAL OF POLYMER RESEARCH **Volume:** 25 **Issue:** 12 **Article Number:** 255 **DOI:** 10.1007/s10965-018-1646-8 **Published:** NOV 13 2018

Accession Number: WOS:000450016900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
, Uflyand	B-7664-2015	0000-0002-7164-8168
Dzhardimalieva, Gulzhian I	I-8055-2013	0000-0002-4727-8910

ISSN: 1022-9760

eISSN: 1572-8935

Record 3 of 7

Title: Monodisperse raspberry-like multihollow polymer/Ag nanocomposite microspheres for rapid catalytic degradation of methylene blue

Author(s): Tian, Q (Tian, Qiong); Yu, XJ (Yu, Xiaojing); Zhang, LF (Zhang, Lifeng); Yu, DM (Yu, Demei)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 491 **Pages:** 294-304 **DOI:** 10.1016/j.jcis.2016.12.047 **Published:** APR 1 2017

Accession Number: WOS:000393149500032

PubMed ID: 28049054

ISSN: 0021-9797

eISSN: 1095-7103

Record 4 of 7

Title: Poly(glycidyl methacrylate)-A soft template for the facile preparation of poly(glycidyl methacrylate) core-copper nanoparticle shell nanocomposite

Author(s): Safiullah, M (Safiullah, Mohammed); Wasi, KA (Wasi, K. Abdul); Basha, KA (Basha, K. Anver)

Source: APPLIED SURFACE SCIENCE **Volume:** 357 **Pages:** 112-121 **DOI:** 10.1016/j.apsusc.2015.08.254 **Part:** A **Published:** DEC 1 2015

Accession Number: WOS:000366216900014

ISSN: 0169-4332

eISSN: 1873-5584

Record 5 of 7

Title: Synthesis of poly(glycidyl methacrylate)-copper nanocomposite beads by in-situ suspension polymerization and deposition method - A comparative study

Author(s): Safiullah, SM (Safiullah, S. Mohammed); Wasi, KA (Wasi, K. Abdul); Basha, KA (Basha, K. Anver)

Source: POLYMER **Volume:** 66 **Pages:** 29-37 **DOI:** 10.1016/j.polymer.2015.04.018 **Published:** JUN 1 2015

Accession Number: WOS:000355884100006

ISSN: 0032-3861

eISSN: 1873-2291

Record 6 of 7

Title: Synthesis and Shape Control of Uniform Polymer Microparticles by Tailored Adsorption of Poly(ethylene oxide)-b-Poly(epsilon-caprolactone) Copolymer

Author(s): Acter, S (Acter, Shahinur); Cho, J (Cho, Jangwoo); Kim, JW (Kim, Jeong Won); Byun, A (Byun, Aram); Park, KH (Park, Kyoung-Ho); Kim, JW (Kim, Jin Woong)

Source: BULLETIN OF THE KOREAN CHEMICAL SOCIETY **Volume:** 36 **Issue:** 5 **Pages:** 1467-1473 **DOI:** 10.1002/bkcs.10288 **Published:** MAY 2015

Accession Number: WOS:000354133600026

ISSN: 0253-2964

eISSN: 1229-5949

Record 7 of 7

Title: Preparation of large micron-sized monodisperse polystyrene/silver core-shell microspheres with compact shell structure and their electrical conductive and catalytic properties

Author(s): Hu, YG (Hu, Yougen); Zhao, T (Zhao, Tao); Zhu, PL (Zhu, Pengli); Liang, XW (Liang, Xianwen); Sun, R (Sun, Rong); Wong, CP (Wong, Ching-Ping)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 1 **Pages:** 58-67 **DOI:** 10.1039/c4ra12475h **Published:** 2015

Accession Number: WOS:000345924600009

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
zhu, pengli	K-9613-2014	
Wong, CP	M-6587-2017	0000-0003-3556-8053
Hu, Yougen	V-1369-2018	0000-0002-5258-199X

ISSN: 2046-2069

Publication No 57 of 132

Title: Interactions between iron and titanium metabolism in spinach: A chlorophyll fluorescence study in hydropony

Author(s): Cigler, P (Cigler, Petr); Olejnickova, J (Olejnickova, Julie); Hruby, M (Hruby, Martin); Csefalvay, L (Csefalvay, Ladislav); Peterka, J (Peterka, Jiri); Kuzel, S (Kuzel, Stanislav)

Source: JOURNAL OF PLANT PHYSIOLOGY **Volume:** 167 **Issue:** 18 **Pages:** 1592-1597 **DOI:** 10.1016/j.jplph.2010.06.021 **Published:** 2010

Accession Number: WOS:000286484000010

PubMed ID: 20708819

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Olejnickova, Julie	E-3654-2015	
Peterka, Jiri	D-9498-2016	0000-0001-9526-6968
Cigler, Petr	B-1142-2012	
Csefalvay, Ladislav	G-9761-2014	0000-0002-5589-6989

Kuzel, Stanislav	D-9510-2016	0000-0002-4058-6240
m, sf001	E-2385-2013	0000-0003-4662-6917
Hruby, Martin	H-6479-2014	

ISSN: 0176-1617

Record 1 of 7

Title: Dose-dependent physiological responses of *Triticum aestivum* L. to soil applied TiO₂ nanoparticles: Alterations in chlorophyll content, H₂O₂ production, and genotoxicity

Author(s): Rafique, R (Rafique, Rafia); Zahra, Z (Zahra, Zahra); Virk, N (Virk, Nasar); Shahid, M (Shahid, Muhammad); Pinelli, E (Pinelli, Eric); Park, TJ (Park, Tae Jung); Kallerhoff, J (Kallerhoff, Jean); Arshad, M (Arshad, Muhammad)

Source: AGRICULTURE ECOSYSTEMS & ENVIRONMENT **Volume:** 255 **Pages:** 95-101 **DOI:** 10.1016/j.agee.2017.12.010 **Published:** MAR 1 2018

Accession Number: WOS:000425578600011

ISSN: 0167-8809

eISSN: 1873-2305

Record 2 of 7

Title: Alteration of trace element concentrations in plants by adhering particles - Methods of correction

Author(s): Pospiech, S (Pospiech, Solveig); Fahlbusch, W (Fahlbusch, Wiebke); Sauer, B (Sauer, Benedikt); Pasold, T (Pasold, Tino); Ruppert, H (Ruppert, Hans)

Source: CHEMOSPHERE **Volume:** 182 **Pages:** 501-508 **DOI:** 10.1016/j.chemosphere.2017.05.038 **Published:** SEP 2017

Accession Number: WOS:000403991700060

PubMed ID: 28521165

ISSN: 0045-6535

eISSN: 1879-1298

Record 3 of 7

Title: Titanium as a Beneficial Element for Crop Production

Author(s): Lyu, SH (Lyu, Shiheng); Wei, XY (Wei, Xiangying); Chen, JJ (Chen, Jianjun); Wang, C (Wang, Cun); Wang, XM (Wang, Xiaoming); Pan, DM (Pan, Dongming)

Source: FRONTIERS IN PLANT SCIENCE **Volume:** 8 **Article Number:** 597 **DOI:** 10.3389/fpls.2017.00597 **Published:** APR 25 2017

Accession Number: WOS:000400043400002

PubMed ID: 28487709

ISSN: 1664-462X

Record 4 of 7

Title: EFFECTS OF FOLIAR APPLICATION OF TITANIUM ON SEED YIELD IN TIMOTHY (*Phleum pratense* L.)

Author(s): Radkowski, A (Radkowski, Adam); Radkowska, I (Radkowska, Iwona); Lemek, T (Lemek, Tadeusz)

Source: ECOLOGICAL CHEMISTRY AND ENGINEERING S-CHEMIA I INŻYNIERIA EKOLOGICZNA S **Volume:** 22 **Issue:** 4 **Pages:** 691-701 **DOI:** 10.1515/eces-2015-0042 **Published:** DEC 2015

Accession Number: WOS:000370246800015

ISSN: 1898-6196

Record 5 of 7

Title: ACCUMULATION AND PRECIPITATION OF MAGNESIUM, CALCIUM, AND SULFUR IN TWO ACACIA (LEGUMINOSAE; MIMOSOIDEAE) SPECIES GROWN IN DIFFERENT SUBSTRATES PROPOSED FOR MINE-SITE REHABILITATION

Author(s): He, HH (He, Honghua); Kirilak, Y (Kirilak, Yaowanuj); Kuo, J (Kuo, John); Lambers, H (Lambers, Hans)

Source: AMERICAN JOURNAL OF BOTANY **Volume:** 102 **Issue:** 2 **Pages:** 290-301 **DOI:** 10.3732/ajb.1400543 **Published:** FEB 2015

Accession Number: WOS:000349539800013

PubMed ID: 25667081

Author Identifiers:

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HE, HONGHUA	E-1110-2013	0000-0002-5785-2242

ISSN: 0002-9122

eISSN: 1537-2197

Record 6 of 7

Title: The Effect of Titanium Amendment in N-Withholding Nutrient Solution on Physiological and Photosynthesis Attributes and Micronutrient Uptake of Tomato

Author(s): Haghighi, M (Haghighi, Maryam); Heidarian, S (Heidarian, Salman); da Silva, JAT (da Silva, Jaime A. Teixeira)

Source: BIOLOGICAL TRACE ELEMENT RESEARCH **Volume:** 150 **Issue:** 1-3 **Pages:** 381-390 **DOI:** 10.1007/s12011-012-9481-y **Published:** DEC 2012

Accession Number: WOS:000312075800054

PubMed ID: 22864688

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Haghighi, Maryam		0000-0002-7590-0359
ISSN: 0163-4984		

Record 7 of 7

Title: Cd affects the translocation of some metals either Fe-like or Ca-like way in poplar

Author(s): Solti, A (Solti, Adam); Sarvari, E (Sarvari, Eva); Toth, B (Toth, Brigitta); Basa, B (Basa, Brigitta); Levai, L (Levai, Laszlo); Fodor, F (Fodor, Ferenc)

Source: PLANT PHYSIOLOGY AND BIOCHEMISTRY **Volume:** 49 **Issue:** 5 **Special Issue:** SI **Pages:** 494-498 **DOI:** 10.1016/j.plaphy.2011.01.011 **Published:** MAY 2011

Accession Number: WOS:000291077700006

PubMed ID: 21295989

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Author	Web of Science ResearcherID	ORCID Number
Solti, Adam	K-3025-2014	0000-0003-1479-5492
Sarvari, Eva		0000-0003-1416-1860
ISSN: 0981-9428		

Publication No 58 of 132

Title: Thermoresponsive beta-glucan-based polymers for bimodal immunoradiotherapy - Are they able to promote the immune system?

Author(s): Loukotova, L (Loukotova, Lenka); Kucka, J (Kucka, Jan); Rabyk, M (Rabyk, Mariia); Hoherl, A (Hoherl, Anita); Venclikova, K (Venclikova, Kristyna); Janouskova, O (Janouskova, Olga); Paral, P (Paral, Petr); Kolarova, V (Kolarova, Vera); Heizer, T (Heizer, Tomas); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 268 **Pages:** 78-91 **DOI:** 10.1016/j.jconrel.2017.10.010 **Published:** DEC 28 2017

Accession Number: WOS:000417329800008

PubMed ID: 29031896

Author Identifiers:

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Loukotova, Lenka	K-3599-2017	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Hoherl, Anita	G-6222-2014	
Sefc, Ludek	J-1848-2014	0000-0003-2846-220X
Rabyk, Mariia	O-4625-2015	
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Hruby, Martin	H-6479-2014	
Hoeherl, Anita		0000-0003-3391-3546
		0000-0001-5124-0926

ISSN: 0168-3659

eISSN: 1873-4995

Record 1 of 6

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author Web of Science ResearcherID ORCID Number
Hruby, Martin H-6479-2014

ISSN: 0968-5243

eISSN: 1352-8661

Record 2 of 6

Title: Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update

Author(s): Lorson, T (Lorson, Thomas); Lubtow, MM (Luebtow, Michael M.); Wegener, E (Wegener, Erik); Haider, MS (Haider, Malik S.); Borova, S (Borova, Solomiia); Nahm, D (Nahm, Daniel); Jordan, R (Jordan, Rainer); Sokolski-Papkov, M (Sokolski-Papkov, Marina); Kabanov, AV (Kabanov, Alexander V.); Luxenhofer, R (Luxenhofer, Robert)

Source: BIOMATERIALS **Volume:** 178 **Pages:** 204-280 **DOI:** 10.1016/j.biomaterials.2018.05.022 **Published:** SEP 2018

Accession Number: WOS:000440959000018

PubMed ID: 29945064

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Luxenhofer, Robert	C-2825-2008	0000-0001-5567-7404
Kabanov, Alexander N	3356-2013	0000-0002-3665-946X

ISSN: 0142-9612

eISSN: 1878-5905

Record 3 of 6

Title: Hybrid thermoresponsive graft constructs of fungal polysaccharide beta-glucan: Physico-chemical and immunomodulatory properties

Author(s): Loukotova, L (Loukotova, L.); Konefal, R (Konefal, R.); Venclikova, K (Venclikova, K.); Machova, D (Machova, D.); Janouskova, O (Janouskova, O.); Rabyk, M (Rabyk, M.); Netopilik, M (Netopilik, M.); Chanova, EM (Chanova, E. Mazl); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 106 **Pages:** 118-127 **DOI:** 10.1016/j.eurpolymj.2018.07.004 **Published:** SEP 2018

Accession Number: WOS:000445993400014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Loukotova, Lenka	K-3599-2017	
Netopilik, Milos	G-5222-2014	
Rabyk, Mariia	O-4625-2015	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Chanova, Eliska Mazl	H-6751-2014	0000-0003-0240-1206

ISSN: 0014-3057

eISSN: 1873-1945

Record 4 of 6

Title: F-19 Magnetic Resonance Imaging of Injectable Polymeric Implants with Multiresponsive Behavior

Author(s): Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Jager, E (Jager, Eliezer); Laaser, JE (Laaser, Jennifer E.); Lodge, TP (Lodge, Timothy P.); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: CHEMISTRY OF MATERIALS **Volume:** 30 **Issue:** 15 **Pages:** 4892-4896 **DOI:** 10.1021/acs.chemmater.8b02115 **Published:** AUG 14 2018

Accession Number: WOS:000442186500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin		0000-0002-5075-261X

ISSN: 0897-4756

Record 5 of 6**Title:** Self-Assembled Thermoresponsive Polymeric Nanogels for F-19 MR Imaging**Author(s):** Kolouchova, K (Kolouchova, Kristyna); Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Babuka, D (Babuka, David); Blahut, J (Blahut, Jan); Kotek, J (Kotek, Jan); Vit, M (Vit, Martin); Trousil, J (Trousil, Jiri); Konefal, R (Konefal, Rafal); Janouskova, O (Janouskova, Olga); Podhorska, B (Podhorska, Bohumila); Slouf, M (Slouf, Miroslav); Hruby, M (Hruby, Martin)**Source:** BIOMACROMOLECULES **Volume:** 19 **Issue:** 8 **Pages:** 3515-3524 **DOI:** 10.1021/acs.biomac.8b00812 **Published:** AUG 2018**Accession Number:** WOS:000441852400034**PubMed ID:** 30011367

Author Identifiers:

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Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Hruby, Martin	H-6479-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Kotek, Jan	B-1157-2017	0000-0003-1777-729X

ISSN: 1525-7797**eISSN:** 1526-4602**Record 6 of 6****Title:** Polysaccharides as Building Blocks of Hybrid Copolymers**Author(s):** Loukotova, L (Loukotova, Lenka); Hruby, M (Hruby, Martin)**Source:** CHEMICKÉ LISTY **Volume:** 112 **Issue:** 8 **Pages:** 498-507 **Published:** 2018**Accession Number:** WOS:000441289700003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Loukotova, Lenka	K-3599-2017	

ISSN: 0009-2770**eISSN:** 1213-7103**Publication No 59 of 132****Title:** Curcumin-bortezomib loaded polymeric nanoparticles for synergistic cancer therapy**Author(s):** Medel, S (Medel, Sandra); Syrova, Z (Syrova, Zdenka); Kovacik, L (Kovacik, Lubomir); Hrdy, J (Hrdy, Jiri); Hornacek, M (Hornacek, Matus); Jager, E (Jager, Eliezer); Hruby, M (Hruby, Martin); Lund, R (Lund, Reidar); Cmarko, D (Cmarko, Dusan); Stepanek, P (Stepanek, Petr); Raska, I (Raska, Ivan); Nystrom, B (Nystrom, Bo)**Source:** EUROPEAN POLYMER JOURNAL **Volume:** 93 **Pages:** 116-131 **DOI:** 10.1016/j.eurpolymj.2017.05.036 **Published:** AUG 2017**Accession Number:** WOS:000407186200012

Author Identifiers:

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Hrdy, Jiri	L-5368-2013	0000-0003-0612-4509
Cmarko, Dusan		0000-0002-7467-8565
Medel, Sandra		0000-0002-2403-5545
Hornacek, Matus		0000-0001-6698-8486

ISSN: 0014-3057**eISSN:** 1873-1945

Record 1 of 6

Title: Blood-compatible, stable micelles of sodium alginate - Curcumin bioconjugate for anti-cancer applications

Author(s): Lachowicz, D (Lachowicz, Dorota); Karabasz, A (Karabasz, Alicja); Bzowska, M (Bzowska, Monika); Szuwarzynski, M (Szuwarzynski, Michal); Karewicz, A (Karewicz, Anna); Nowakowska, M (Nowakowska, Maria)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 113 **Pages:** 208-219 **DOI:** 10.1016/j.eurpolymj.2019.01.058 **Published:** APR 2019

Accession Number: WOS:000463979200024

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lachowicz, Dorota		0000-0001-9394-5297

ISSN: 0014-3057

eISSN: 1873-1945

Record 2 of 6

Title: Another look at phenolic compounds in cancer therapy the effect of polyphenols on ubiquitin-proteasome system

Author(s): Golonko, A (Golonko, Aleksandra); Pienkowski, T (Pienkowski, Tomasz); Swislocka, R (Swislocka, Renata); Lazny, R (Lazny, Ryszard); Roszko, M (Roszko, Marek); Lewandowski, W (Lewandowski, Wlodzimierz)

Source: EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY **Volume:** 167 **Pages:** 291-311 **DOI:** 10.1016/j.ejmech.2019.01.044 **Published:** APR 1 2019

Accession Number: WOS:000461728400020

PubMed ID: 30776692

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Author	Web of Science ResearcherID	ORCID Number
Roszko, Marek		0000-0003-1848-2100
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ISSN: 0223-5234

eISSN: 1768-3254

Record 3 of 6

Title: Curcumin in combination with anti-cancer drugs: A nanomedicine review

Author(s): Batra, H (Batra, Harshul); Pawar, S (Pawar, Shrikant); Bahl, D (Bahl, Dherya)

Source: PHARMACOLOGICAL RESEARCH **Volume:** 139 **Pages:** 91-105 **DOI:** 10.1016/j.phrs.2018.11.005 **Published:** JAN 2019

Accession Number: WOS:000458709000008

PubMed ID: 30408575

ISSN: 1043-6618

Record 4 of 6

Title: Effects of curcumin-/boron-based compound complexation on antioxidant and antiproliferation activity

Author(s): Kim, JY (Kim, Jun Yeong); Kang, YY (Kang, Yoon Young); Kim, EJ (Kim, Eun Ji); Ahn, JH (Ahn, Joong-Hoon); Mok, H (Mok, Hyejung)

Source: APPLIED BIOLOGICAL CHEMISTRY **Volume:** 61 **Issue:** 4 **Pages:** 403-408 **DOI:** 10.1007/s13765-018-0374-4 **Published:** AUG 2018

Accession Number: WOS:000440115400005

ISSN: 2468-0834

eISSN: 2468-0842

Record 5 of 6

Title: Preparation of active polysaccharide-loaded maltodextrin nanoparticles and their stability as a function of ionic strength and pH (vol 76, pg 164, 2017)

Author(s): Qiu, C (Qiu, Chao); Qin, Y (Qin, Yang); Jiang, SS (Jiang, Suisui); Liu, CZ (Liu, Chengzhen); Xiong, L (Xiong, Liu); Sun, QJ (Sun, Qingjie)

Source: LWT-FOOD SCIENCE AND TECHNOLOGY **Volume:** 88 **Pages:** 219-220 **DOI:** 10.1016/j.lwt.2017.10.036 **Published:** FEB 2018

Accession Number: WOS:000416197100031

ISSN: 0023-6438

eISSN: 1096-1127

Record 6 of 6

Title: Curcumin loaded nanocarriers obtained by self-assembly of a linear D,L-octapeptide-poly(ethylene glycol) conjugate

Author(s): Novelli, F (Novelli, Federica); De Santis, S (De Santis, Serena); Diociaiuti, M (Diociaiuti, Marco); Giordano, C (Giordano,

Cesare); Morosetti, S (Morosetti, Stefano); Punzi, P (Punzi, Pasqualina); Sciubba, F (Sciubba, Fabio); Viali, V (Viali, Valerio); Masci, G (Masci, Giancarlo); Scipioni, A (Scipioni, Anita)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 98 **Pages:** 28-38 **DOI:** 10.1016/j.eurpolymj.2017.11.010 **Published:** JAN 2018

Accession Number: WOS:000425561700004

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ISSN: 0014-3057

eISSN: 1873-1945

Publication No 60 of 132

Title: Chelating polymeric beads as potential therapeutics for Wilson's disease

Author(s): Mattova, J (Mattova, Jana); Pouckova, P (Pouckova, Pavia); Kucka, J (Kucka, Jan); Skodova, M (Skodova, Michaela); Vetrik, M (Vetrik, Miroslav); Stepanek, P (Stepanek, Petr); Urbanek, P (Urbanek, Petr); Petrik, M (Petrik, Milos); Novy, Z (Novy, Zbynek); Hruby, M (Hruby, Martin)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 62 **Pages:** 1-7 **DOI:** 10.1016/j.ejps.2014.05.002 **Published:** OCT 1 2014

Accession Number: WOS:000340301500001

PubMed ID: 24815561

Author Identifiers:

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Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Vetrik, Miroslav	G-3495-2014	
Skodova, Michaela	I-7597-2014	
Urbanek, Petr	F-4363-2017	0000-0002-1506-1135
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ISSN: 0928-0987

eISSN: 1879-0720

Record 1 of 6

Title: Polymer sequestrants for biological and environmental applications

Author(s): Archer, WR (Archer, William R.); Hall, BA (Hall, Brady A.); Thompson, TN (Thompson, Tiffany N.); Wadsworth, OJ (Wadsworth, Ophelia J.); Schulz, MD (Schulz, Michael D.)

Source: POLYMER INTERNATIONAL **Volume:** 68 **Issue:** 7 **Pages:** 1220-1237 **DOI:** 10.1002/pi.5774 **Published:** JUL 2019

Accession Number: WOS:000470904600002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Archer, William		0000-0002-6326-6602

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Record 2 of 6

Title: Design Strategies of Metal Complexes Based on Chelating Polymer Ligands and Their Application in Nanomaterials Science

Author(s): Dzhardimalieva, GI (Dzhardimalieva, Gulzhian I.); Uflyand, IE (Uflyand, Igor E.)

Source: JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS **Volume:** 28 **Issue:** 4 **Pages:** 1305-1393 **DOI:** 10.1007/s10904-018-0841-8 **Published:** JUL 2018

Accession Number: WOS:000435603300001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
, Uflyand	B-7664-2015	0000-0002-7164-8168
Dzhardimalieva, Gulzhian I I	8055-2013	0000-0002-4727-8910

ISSN: 1574-1443

eISSN: 1574-1451

Record 3 of 6

Title: Biopolymer strategy for the treatment of Wilson's disease

Author(s): Vetrik, M (Vetrik, Miroslav); Mattova, J (Mattova, Jana); Mackova, H (Mackova, Hana); Kucka, J (Kucka, Jan); Pouckova, P (Pouckova, Pavla); Kukackova, O (Kukackova, Olivia); Brus, J (Brus, Jiri); Eigner-Henke, S (Eigner-Henke, Sebastian); Sedlacek, O (Sedlacek, Ondrej); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 273 **Pages:** 131-138 **DOI:** 10.1016/j.jconrel.2018.01.026 **Published:** MAR 10 2018

Accession Number: WOS:000426298100011

PubMed ID: 29407674

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetrik, Miroslav	G-3495-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
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Kucka, Jan	G-7884-2014	
Kukackova, Olivia	G-5692-2014	
Hruby, Martin	H-6479-2014	
Mackova, Hana	G-3247-2014	
Sefc, Ludek	J-1848-2014	0000-0003-2846-220X
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

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Record 4 of 6

Title: Metal Complexes with Polymer Chelating Ligands

Author(s): Dzhardimalieva, GI (Dzhardimalieva, Gulzhian I.); Uflyand, IE (Uflyand, Igor E.)

Book Author(s): Dzhardimalieva, GI (Dzhardimalieva, GI); Uflyand, IE (Uflyand, IE)

Source: CHEMISTRY OF POLYMERIC METAL CHELATES **Book Series:** Springer Series in Materials Science **Volume:** 257 **Pages:** 199-366 **DOI:** 10.1007/978-3-319-56024-3_3 **Published:** 2018

Accession Number: WOS:000441502200004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Dzhardimalieva, Gulzhian I I	8055-2013	0000-0002-4727-8910
, Uflyand	B-7664-2015	0000-0002-7164-8168

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ISBN: 978-3-319-56024-3; 978-3-319-56022-9

Book DOI: 10.1007/978-3-319-56024-3

Record 5 of 6

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

Record 6 of 6

Title: Chemical Analysis of Suspected Unrecorded Alcoholic Beverages from the States of Sao Paulo and Minas Gerais, Brazil

Author(s): Negri, G (Negri, Giuseppina); Neto, JARS (Rodrigues Soares Neto, Julino Assuncao); Carlini, ELD (de Araujo Carlini, Elisaldo Luiz)

Source: JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY **Article Number:** 230170 **DOI:** 10.1155/2015/230170 **Published:** 2015

Accession Number: WOS:000362777400001

PubMed ID: 26495155

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Carlini, Elisaldo	C-8720-2014	0000-0002-9181-6659
Negri, Giuseppina	F-3221-2012	0000-0002-4858-6632

ISSN: 2090-8865

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Publication No 61 of 132

Title: Chelating polymeric particles intended for the therapy of Wilson's disease

Author(s): Skodova, M (Skodova, Michaela); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Skopal, J (Skopal, Jan); Walterova, Z (Walterova, Zuzana); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Mattova, J (Mattova, Jana); Pouckova, P (Pouckova, Pavia); Urbanek, P (Urbanek, Petr); Hruby, M (Hruby, Martin)

Source: REACTIVE & FUNCTIONAL POLYMERS **Volume:** 73 **Issue:** 11 **Pages:** 1426-1431 **DOI:** 10.1016/j.reactfunctpolym.2013.07.010 **Published:** NOV 2013

Accession Number: WOS:000326431800004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Skodova, Michaela	I-7597-2014	
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Urbanek, Petr	F-4363-2017	0000-0002-1506-1135
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	

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Record 1 of 6

Title: Design Strategies of Metal Complexes Based on Chelating Polymer Ligands and Their Application in Nanomaterials Science

Author(s): Dzhardimalieva, GI (Dzhardimalieva, Gulzhian I.); Uflyand, IE (Uflyand, Igor E.)

Source: JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS **Volume:** 28 **Issue:** 4 **Pages:** 1305-1393 **DOI:** 10.1007/s10904-018-0841-8 **Published:** JUL 2018

Accession Number: WOS:000435603300001

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(Sedlacek, Ondrej); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

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Hruby, Martin	H-6479-2014	
Mackova, Hana	G-3247-2014	
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Book Author(s): Dzhardimalieva, GI (Dzhardimalieva, GI); Uflyand, IE (Uflyand, IE)

Source: CHEMISTRY OF POLYMERIC METAL CHELATES **Book Series:** Springer Series in Materials Science **Volume:** 257 **Pages:** 199-366 **DOI:** 10.1007/978-3-319-56024-3_3 **Published:** 2018

Accession Number: WOS:000441502200004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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, Uflyand	B-7664-2015	0000-0002-7164-8168

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Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

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Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

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Record 5 of 6

Title: Polymer antidotes for toxin sequestration

Author(s): Weisman, A (Weisman, Adam); Chou, B (Chou, Beverly); O'Brien, J (O'Brien, Jeffrey); Shea, KJ (Shea, Kenneth J.)

Source: ADVANCED DRUG DELIVERY REVIEWS **Volume:** 90 **Pages:** 81-100 **DOI:** 10.1016/j.addr.2015.05.011 **Published:** AUG 1 2015

Accession Number: WOS:000360949700008

PubMed ID: 26026975

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shea, Kenneth	Q-9857-2019	0000-0001-5926-0059

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eISSN: 1872-8294

Record 6 of 6

Title: Chelating polymeric beads as potential therapeutics for Wilson's disease

Author(s): Mattova, J (Mattova, Jana); Pouckova, P (Pouckova, Pavia); Kucka, J (Kucka, Jan); Skodova, M (Skodova, Michaela); Vetrik, M (Vetrik, Miroslav); Stepanek, P (Stepanek, Petr); Urbanek, P (Urbanek, Petr); Petrik, M (Petrik, Milos); Novy, Z (Novy, Zbynek); Hruby, M (Hruby, Martin)

Source: EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES **Volume:** 62 **Pages:** 1-7 **DOI:** 10.1016/j.ejps.2014.05.002 **Published:** OCT 1 2014

Accession Number: WOS:000340301500001

PubMed ID: 24815561

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Petrik, Milos	G-3490-2015	
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Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
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Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Petrik, Milos		0000-0003-1334-5916
Novy, Zbynek		0000-0002-7716-2142

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Publication No 62 of 132

Title: Lutetium-177 and iodine-131 loaded chelating polymer microparticles intended for radioembolization of liver malignancies

Author(s): Hruby, M (Hruby, Martin); Skodova, M (Skodova, Michaela); Mackova, H (Mackova, Hana); Skopal, J (Skopal, Jan); Tomes, M (Tomes, Marek); Kropacek, M (Kropacek, Martin); Zimova, J (Zimova, Jana); Kucka, J (Kucka, Jan)

Source: REACTIVE & FUNCTIONAL POLYMERS **Volume:** 71 **Issue:** 12 **Pages:** 1155-1159 **DOI:** 10.1016/j.reactfunctpolym.2011.09.003 **Published:** DEC 2011

Accession Number: WOS:000297524300005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Tomes, Marek	O-7442-2014	
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Skodova, Michaela	I-7597-2014	
Zimova, Jana	G-8566-2014	

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Record 1 of 6

Title: Design Strategies of Metal Complexes Based on Chelating Polymer Ligands and Their Application in Nanomaterials Science

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Accession Number: WOS:000435603300001

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Author	Web of Science ResearcherID	ORCID Number
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Dzhardimalieva, Gulzhian I	I-8055-2013	0000-0002-4727-8910

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Record 2 of 6

Title: Polymer Chelating Ligands: Classification, Synthesis, Structure, and Chemical Transformations

Author(s): Dzhardimalieva, GI (Dzhardimalieva, Gulzhian I.); Uflyand, IE (Uflyand, Igor E.)

Book Author(s): Dzhardimalieva, GI (Dzhardimalieva, GI); Uflyand, IE (Uflyand, IE)

Source: CHEMISTRY OF POLYMERIC METAL CHELATES **Book Series:** Springer Series in Materials Science **Volume:** 257 **Pages:** 13-197 **DOI:** 10.1007/978-3-319-56024-3_2 **Published:** 2018

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Record 3 of 6

Title: Metal Complexes with Polymer Chelating Ligands

Author(s): Dzhardimalieva, GI (Dzhardimalieva, Gulzhian I.); Uflyand, IE (Uflyand, Igor E.)

Book Author(s): Dzhardimalieva, GI (Dzhardimalieva, GI); Uflyand, IE (Uflyand, IE)

Source: CHEMISTRY OF POLYMERIC METAL CHELATES **Book Series:** Springer Series in Materials Science **Volume:** 257 **Pages:** 199-366 **DOI:** 10.1007/978-3-319-56024-3_3 **Published:** 2018

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Book DOI: 10.1007/978-3-319-56024-3

Record 4 of 6

Title: Neutron Activated Samarium-153 Microparticles for Transarterial Radioembolization of Liver Tumour with Post-Procedure Imaging Capabilities

Author(s): Hashikin, NA (Hashikin, Nurul Ab Aziz); Yeong, CH (Yeong, Chai-Hong); Abdullah, BJJ (Abdullah, Basri Johan Jeet); Ng, KH (Ng, Kwan-Hoong); Chung, LY (Chung, Lip-Yong); Dahalan, R (Dahalan, Rehir); Perkins, AC (Perkins, Alan Christopher)

Source: PLOS ONE **Volume:** 10 **Issue:** 9 **Article Number:** e0138106 **DOI:** 10.1371/journal.pone.0138106 **Published:** SEP 18 2015

Accession Number: WOS:000361790200058

PubMed ID: 26382059

Author Identifiers:

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HONG, YEONG CHAI	C-1083-2010	0000-0003-1572-4143
Ng, Kwan Hoong	D-2231-2009	
Hashikin, Nurul		0000-0001-8890-1361
Perkins, Alan		0000-0002-1054-8200

ISSN: 1932-6203

Record 5 of 6

Title: Chelating polymeric particles intended for the therapy of Wilson's disease

Author(s): Skodova, M (Skodova, Michaela); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Skopal, J (Skopal, Jan); Walterova, Z (Walterova, Zuzana); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr); Mattova, J (Mattova, Jana); Pouckova, P (Pouckova, Pavla); Urbanek, P (Urbanek, Petr); Hruby, M (Hruby, Martin)

Source: REACTIVE & FUNCTIONAL POLYMERS **Volume:** 73 **Issue:** 11 **Pages:** 1426-1431 **DOI:** 10.1016/j.reactfunctpolym.2013.07.010 **Published:** NOV 2013

Accession Number: WOS:000326431800004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Pouckova, Pavla	D-8362-2016	0000-0001-6713-8045
Vetrik, Miroslav	G-3495-2014	
Hruby, Martin	H-6479-2014	

Skodova, Michaela I-7597-2014
Urbanek, Petr F-4363-2017 0000-0002-1506-1135
Sedlacek, Ondrej E-1345-2013 0000-0001-5731-2687
Stepanek, Petr G-2882-2014 0000-0003-1433-678X
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Record 6 of 6

Title: Glycogen as a Biodegradable Construction Nanomaterial for in vivo Use

Author(s): Filippov, SK (Filippov, Sergey K.); Sedlacek, O (Sedlacek, Ondrej); Bogomolova, A (Bogomolova, Anna); Vetrik, M (Vetrik, Miroslav); Jirak, D (Jirak, Daniel); Kovar, J (Kovar, Jan); Kucka, J (Kucka, Jan); Bals, S (Bals, Sara); Turner, S (Turner, Stuart); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 12 **Issue:** 12 **Pages:** 1731-1738 **DOI:** 10.1002/mabi.201200294 **Published:** DEC 2012

Accession Number: WOS:000312242600016

PubMed ID: 23169686

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kovar, Jan	P-7049-2019	
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Bogomolova, Anna	O-2982-2016	
Turner, Stuart	E-9219-2010	0000-0002-1073-4783
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Vetrik, Miroslav	G-3495-2014	
Bals, Sara	F-6963-2016	0000-0002-4249-8017
Jirak, Daniel	Q-5357-2017	0000-0001-6834-3462
Kovar, Jan		0000-0002-3352-8210

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Publication No 63 of 132

Title: EVALUATION OF THE RUNOFF COMPONENTS ON THE SLOPE OF AN OPEN-CAST MINE BY MEANS OF ENVIRONMENTAL ISOTOPES O-18 AND T

Author(s): BUZEK, F (BUZEK, F); HANZLIK, J (HANZLIK, J); HRUBY, M (HRUBY, M); TRYZNA, P (TRYZNA, P)

Source: JOURNAL OF HYDROLOGY **Volume:** 127 **Issue:** 1-4 **Pages:** 23-36 **DOI:** 10.1016/0022-1694(91)90106-R **Published:** OCT 1991

Accession Number: WOS:A1991GN04500002

ISSN: 0022-1694

Record 1 of 7

Title: Spatially resolved soil solution chemistry in a central European atmospherically polluted high-elevation catchment

Author(s): Petrash, DA (Petrash, Daniel A.); Buzek, F (Buzek, Frantisek); Novak, M (Novak, Martin); Cejkova, B (Cejkova, Bohuslava); Kram, P (Kram, Pavel); Chuman, T (Chuman, Tomas); Curik, J (Curik, Jan); Veselovsky, F (Veselovsky, Frantisek); Stepanova, M (Stepanova, Marketa); Myska, O (Myska, Oldrich); Holeckova, P (Holeckova, Pavla); Bohdalkova, L (Bohdalkova, Leona)

Source: SOIL **Volume:** 5 **Issue:** 2 **Pages:** 205-221 **DOI:** 10.5194/soil-5-205-2019 **Published:** JUL 31 2019

Accession Number: WOS:000477979000001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Petrash, Daniel R-	1150-2017	0000-0001-5039-0543

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Record 2 of 7

Title: Consequences of Lower Miocene CO₂ degassing on geological and paleoenvironmental settings of the Ahnikov/Merkur Mine paleontological locality (Most Basin, Czech Republic)

Author(s): Mach, K (Mach, Karel); Zak, K (Zak, Karel); Teodoridis, V (Teodoridis, Vasilis); Kvacek, Z (Kvacek, Zlatko)

Source: NEUES JAHRBUCH FUR GEOLOGIE UND PALAONTOLOGIE-ABHANDLUNGEN **Volume:** 285 **Issue:** 3 **Pages:** 235-266 **DOI:** 10.1127/njgpa/2017/0680 **Published:** SEP 2017

Accession Number: WOS:000423278600001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kvacek, Zlatko		0000-0002-8674-673X

ISSN: 0077-7749

Record 3 of 7

Title: The origin of thermal waters in the northeastern part of the Eger Rift, Czech Republic

Author(s): Dupalova, T (Dupalova, Tereza); Sracek, O (Sracek, Ondra); Vencelides, Z (Vencelides, Zbynek); Zak, K (Zak, Karel)

Source: APPLIED GEOCHEMISTRY **Volume:** 27 **Issue:** 3 **Pages:** 689-702 **DOI:** 10.1016/j.apgeochem.2011.11.016 **Published:** MAR 2012

Accession Number: WOS:000300403400014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Zak, Karel	I-8802-2014	

ISSN: 0883-2927

Record 4 of 7

Title: Drainage water temperature as a basis for verifying drainage runoff composition on slopes

Author(s): Zajicek, A (Zajicek, Antonin); Kvitek, T (Kvitek, Tomas); Kaplicka, M (Kaplicka, Marketa); Dolezal, F (Dolezal, Frantisek); Kulhavy, Z (Kulhavy, Zbynek); Bystricky, V (Bystricky, Vaclav); Zlabek, P (Zlabek, Pavel)

Source: HYDROLOGICAL PROCESSES **Volume:** 25 **Issue:** 20 **Pages:** 3204-3215 **DOI:** 10.1002/hyp.8039 **Published:** SEP 30 2011

Accession Number: WOS:000296276000008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kvitek, Tomas	J-2670-2016	0000-0002-3698-0309
Bystricky, Vaclav	J-2677-2016	
Zajicek, Antonin		0000-0002-5977-6108

ISSN: 0885-6087

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Record 5 of 7

Title: Isotopic evidence for processes of sulfur retention/release in 13 forested catchments spanning a strong pollution gradient (Czech Republic, central Europe)

Author(s): Novak, M (Novak, M); Kirchner, JW (Kirchner, JW); Fottova, D (Fottova, D); Prechova, E (Prechova, E); Jackova, I (Jackova, I); Kram, P (Kram, P); Hruska, J (Hruska, J)

Source: GLOBAL BIOGEOCHEMICAL CYCLES **Volume:** 19 **Issue:** 4 **Article Number:** GB4012 **DOI:** 10.1029/2004GB002396 **Published:** NOV 10 2005

Accession Number: WOS:000233354900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Novak, Martin	A-7157-2011	
Hruska, Jakub	G-1562-2014	
Kirchner, James W	B-6126-2009	0000-0001-6577-3619
Kram, Pavel		0000-0002-1512-2276

ISSN: 0886-6236

Record 6 of 7

Title: Temporal trends of bulk precipitation and stream water chemistry (1977-1997) in a small forested area, Krusne hory, northern Bohemia, Czech Republic

Author(s): Peters, NE (Peters, NE); Cerny, J (Cerny, J); Havel, M (Havel, M); Krejci, R (Krejci, R)

Source: HYDROLOGICAL PROCESSES **Volume:** 13 **Issue:** 17 **Pages:** 2721-2741 **DOI:** 10.1002/(SICI)1099-1085(19991215)13:17<2721::AID-HYP844>3.3.CO;2-W **Published:** DEC 15 1999

Accession Number: WOS:000084686600006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Krejci, Radovan	L-3257-2013	0000-0002-9384-9702

ISSN: 0885-6087

Record 7 of 7

Title: 3-COMPONENT MODEL OF RUNOFF GENERATION, LYSINA CATCHMENT, CZECH-REPUBLIC

Author(s): BUZEK, F (BUZEK, F); HRUSKA, J (HRUSKA, J); KRAM, P (KRAM, P)

Source: WATER AIR AND SOIL POLLUTION **Volume:** 79 **Issue:** 1-4 **Pages:** 391-408 **DOI:** 10.1007/BF01100449 **Published:** JAN 1995

Accession Number: WOS:A1995QU75300024

Conference Title: BIOGEOMON, International Symposium on Ecosystem Behavior and the Evaluation of Integrated Monitoring of Small Catchments

Conference Date: SEP 18-20, 1993

Conference Location: PRAGUE, CZECH REPUBLIC

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruska, Jakub	G-1562-2014	
Kram, Pavel		0000-0002-1512-2276

ISSN: 0049-6979

Publication No 64 of 132

Title: Porous Heat-Treated Polyacrylonitrile Scaffolds for Bone Tissue Engineering

Author(s): Vetrik, M (Vetrik, Miroslav); Parizek, M (Parizek, Martin); Hadraba, D (Hadraba, Daniel); Kukackova, O (Kukackova, Olivia); Brus, J (Brus, Jiri); Hlidkova, H (Hlidkova, Helena); Komankova, L (Komankova, Lucie); Hodan, J (Hodan, Jiri); Sedlacek, O (Sedlacek, Ondrej); Slouf, M (Slouf, Miroslav); Bacakova, L (Bacakova, Lucie); Hruby, M (Hruby, Martin)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 10 **Issue:** 10 **Pages:** 8496-8506 **DOI:** 10.1021/acsami.7b18839 **Published:** MAR 14 2018

Accession Number: WOS:000427910800013

PubMed ID: 29437373

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hlidkova, Helena	N-6593-2015	0000-0002-3468-301X
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hadraba, Daniel	O-2399-2019	0000-0001-8745-1258
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Bacakova, Lucie	C-2664-2012	0000-0002-1818-9484
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Kukackova, Olivia	G-5692-2014	

ISSN: 1944-8244

Record 1 of 5

Title: Bionic design and 3D printing of porous titanium alloy scaffolds for bone tissue repair

Author(s): Zhao, L (Zhao, Li); Pei, X (Pei, Xuan); Jiang, LH (Jiang, Lihua); Hu, C (Hu, Cheng); Sun, JX (Sun, Jianxun); Xing, F (Xing, Fei); Zhou, CC (Zhou, Changchun); Fan, YJ (Fan, Yujiang); Zhang, XD (Zhang, Xingdong)

Source: COMPOSITES PART B-ENGINEERING **Volume:** 162 **Pages:** 154-161 **DOI:** 10.1016/j.compositesb.2018.10.094 **Published:** APR 1 2019

Accession Number: WOS:000460193400016

ISSN: 1359-8368

eISSN: 1879-1069

Record 2 of 5

Title: Current state of fabrication technologies and materials for bone tissue engineering

Author(s): Wubneh, A (Wubneh, Abiy); Tsekoura, EK (Tsekoura, Eleni K.); Ayranci, C (Ayranci, Cagri); Uludag, H (Uludag, Hasan)

Source: ACTA BIOMATERIALIA **Volume:** 80 **Pages:** 1-30 **DOI:** 10.1016/j.actbio.2018.09.031 **Published:** OCT 15 2018

Accession Number: WOS:000449133400001

PubMed ID: 30248515

ISSN: 1742-7061
eISSN: 1878-7568

Record 3 of 5

Title: To study surface and sub-surface nanomechanical properties of electrospun polyacrylonitrile (PAN) nanofibers/polydimethylsiloxane (PDMS) composites

Author(s): Deshpande, TD (Deshpande, Tushar D.); Singh, YRG (Singh, Yogesh R. G.); Patil, S (Patil, Sandip); Joshi, YM (Joshi, Yogesh M.); Sharma, A (Sharma, Ashutosh)

Source: SOFT MATTER **Volume:** 14 **Issue:** 38 **Pages:** 7829-7838 **DOI:** 10.1039/c8sm01271g **Published:** OCT 14 2018

Accession Number: WOS:000448355500002

PubMed ID: 30191946

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Deshpande, Tushar		0000-0003-2094-8336
Singh, Yogesh R.G.		0000-0001-6628-7153
Joshi, Yogesh	A-4846-2011	0000-0001-6692-858X

ISSN: 1744-683X

eISSN: 1744-6848

Record 4 of 5

Title: Facile preparation of biocompatible poly(L-lactic acid)-modified halloysite nanotubes/poly(epsilon-caprolactone) porous scaffolds by solvent evaporation of Pickering emulsion templates

Author(s): Hu, Y (Hu, Yang); Liu, SF (Liu, Shuifeng); Li, X (Li, Xin); Yuan, T (Yuan, Teng); Zou, XJ (Zou, Xiuju); He, YY (He, Yinyan); Dong, XM (Dong, Xianming); Zhou, WY (Zhou, Wuyi); Yang, ZH (Yang, Zhuohong)

Source: JOURNAL OF MATERIALS SCIENCE **Volume:** 53 **Issue:** 20 **Pages:** 14774-14788 **DOI:** 10.1007/s10853-018-2588-6 **Published:** OCT 2018

Accession Number: WOS:000440287100057

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Li, Xin	A-2698-2011	0000-0002-4842-5054
Yuan, Teng		0000-0003-1114-7895
Zou, Xiuju		0000-0003-4851-4329

ISSN: 0022-2461

eISSN: 1573-4803

Record 5 of 5

Title: Structural Characterization of the New Generation of Drugs and Biomaterials: Application of NMR Crystallography

Author(s): Urbanova, M (Urbanova, Martina); Czernek, J (Czernek, Jiri); Brus, J (Brus, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 522-530 **Published:** 2018

Accession Number: WOS:000441289700006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Urbanova, Martina	G-9793-2014	0000-0003-1316-6395
Czernek, Jiri	H-6708-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 65 of 132

Title: Self-assembled chitosan-alginate polyplex nanoparticles containing temoporfin

Author(s): Brezaniova, I (Brezaniova, Ingrid); Trousil, J (Trousil, Jiri); Cernochova, Z (Cernochova, Zulfia); Kral, V (Kral, Vladimir); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Slouf, M (Slouf, Miroslav)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 295 **Issue:** 8 **Pages:** 1259-1270 **DOI:** 10.1007/s00396-016-3992-6 **Published:** AUG 2017

Accession Number: WOS:000406174700002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247
Hruby, Martin	H-6479-2014	
Cernochova, Zulfiya	H-6730-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kral, Vladimir	I-9518-2017	0000-0001-5034-4184

ISSN: 0303-402X

eISSN: 1435-1536

Record 1 of 5

Title: Current state of the nanoscale delivery systems for temoporfin-based photodynamic therapy: Advanced delivery strategies

Author(s): Yakavets, I (Yakavets, Ilya); Millard, M (Millard, Marie); Zorin, V (Zorin, Vladimir); Lassalle, HP (Lassalle, Henri-Pierre); Bezdetnaya, L (Bezdetnaya, Lina)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 304 **Pages:** 268-287 **DOI:** 10.1016/j.jconrel.2019.05.035 **Published:** JUN 28 2019

Accession Number: WOS:000473719700026

PubMed ID: 31136810

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Yakavets, Ilya	R-9066-2016	0000-0003-0373-5160

ISSN: 0168-3659

eISSN: 1873-4995

Record 2 of 5

Title: Physical-chemical measurement method development for self-assembled, core-shell nanoparticles

Author(s): Farkas, N (Farkas, Natalia); Scaria, PV (Scaria, Puthupparampil V.); Woodle, MC (Woodle, Martin C.); Dagata, JA (Dagata, John A.)

Source: SCIENTIFIC REPORTS **Volume:** 9 **Article Number:** 1655 **DOI:** 10.1038/s41598-018-38194-y **Published:** FEB 7 2019

Accession Number: WOS:000458017800123

PubMed ID: 30733537

ISSN: 2045-2322

Record 3 of 5

Title: Biocompatibility Profile and In Vitro Cellular Uptake of Self-assembled Alginate Nanoparticles

Author(s): Zhang, P (Zhang, Pei); Zhao, SR (Zhao, Shirui); Yu, YY (Yu, Yaoyao); Wang, H (Wang, Huan); Yang, Y (Yang, Yan); Liu, CG (Liu, Chenguang)

Source: MOLECULES **Volume:** 24 **Issue:** 3 **Article Number:** 555 **DOI:** 10.3390/molecules24030555 **Published:** FEB 1 2019

Accession Number: WOS:000458934000179

PubMed ID: 30717442

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
YANG, YAN		0000-0001-9922-1126

ISSN: 1420-3049

Record 4 of 5

Title: Inverse-Micelle Synthesis of Doxorubicin-Loaded Alginate/Chitosan Nanoparticles and In Vitro Assessment of Breast Cancer Cytotoxicity

Author(s): Rosch, JG (Rosch, Justin G.); Winter, H (Winter, Hayden); DuRoss, AN (DuRoss, Allison N.); Sahay, G (Sahay, Gaurav); Sun, C (Sun, Conroy)

Source: COLLOID AND INTERFACE SCIENCE COMMUNICATIONS **Volume:** 28 **Pages:** 69-74 **DOI:** 10.1016/j.colcom.2018.12.002 **Published:** JAN 2019

Accession Number: WOS:000455809100011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sun, Conroy	S-3222-2019	

ISSN: 2215-0382

Record 5 of 5

Title: Polysaccharide Based Nanoparticles

Author(s): Khan, W (Khan, Wahid); Abtew, E (Abtew, Ester); Modani, S (Modani, Sheela); Domb, AJ (Domb, Abraham J.)

Source: ISRAEL JOURNAL OF CHEMISTRY **Volume:** 58 **Issue:** 12 **Special Issue:** SI **Pages:** 1315-1329 **DOI:** 10.1002/ijch.201800051 **Published:** DEC 2018

Accession Number: WOS:000455528500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Domb, Abraham J.		0000-0002-2241-7726

ISSN: 0021-2148

eISSN: 1869-5868

Publication No 66 of 132

Title: The effect of ionizing radiation on biocompatible polymers: From sterilization to radiolysis and hydrogel formation

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Monnery, BD (Monnery, Bryn D.); Slouf, M (Slouf, Miroslav); Vetrik, M (Vetrik, Miroslav); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: POLYMER DEGRADATION AND STABILITY **Volume:** 137 **Pages:** 1-10 **DOI:** 10.1016/j.polymdegradstab.2017.01.005 **Published:** MAR 2017

Accession Number: WOS:000396948100001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetrik, Miroslav	G-3495-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Kucka, Jan	G-7884-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	
Monnery, Bryn		0000-0001-5691-5451

ISSN: 0141-3910

eISSN: 1873-2321

Record 1 of 5

Title: Evaluation of electron beam-induced crosslinking of poly(epsilon-caprolactone)-Effect of elevated temperatures

Author(s): Huang, Y (Huang, Ying); Gohs, U (Gohs, Uwe); Muller, MT (Mueller, Michael Thomas); Zschech, C (Zschech, Carsten); Wiessner, S (Wiessner, Sven)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 136 **Issue:** 33 **Article Number:** 47866 **DOI:** 10.1002/app.47866 **Published:** SEP 5 2019

Accession Number: WOS:000468820800007

ISSN: 0021-8995

eISSN: 1097-4628

Record 2 of 5

Title: PHEMA Hydrogels Obtained by Infrared Radiation for Cartilage Tissue Engineering

Author(s): Passos, MF (Passos, Marcelle F.); Carvalho, NMS (Carvalho, Nayara M. S.); Rodrigues, AA (Rodrigues, Ana Amelia); Bavaresco, VP (Bavaresco, Vanessa P.); Jardim, AL (Jardim, Andre L.); Maciel, MRW (Maciel, Maria Regina W.); Maciel, R (Maciel Filho, Rubens)

Source: INTERNATIONAL JOURNAL OF CHEMICAL ENGINEERING **Article Number:** 4249581 **DOI:** 10.1155/2019/4249581 **Published:** 2019

Accession Number: WOS:000458405400001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Passos, Marcelle	S-2720-2019	0000-0002-5616-2127

ISSN: 1687-806X

eISSN: 1687-8078

Record 3 of 5

Title: Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update

Author(s): Lorson, T (Lorson, Thomas); Lubtow, MM (Lubtow, Michael M.); Wegener, E (Wegener, Erik); Haider, MS (Haider, Malik S.); Borova, S (Borova, Solomiia); Nahm, D (Nahm, Daniel); Jordan, R (Jordan, Rainer); Sokolski-Papkov, M (Sokolski-Papkov, Marina); Kabanov, AV (Kabanov, Alexander V.); Luxenhofer, R (Luxenhofer, Robert)

Source: BIOMATERIALS **Volume:** 178 **Pages:** 204-280 **DOI:** 10.1016/j.biomaterials.2018.05.022 **Published:** SEP 2018

Accession Number: WOS:000440959000018

PubMed ID: 29945064

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Luxenhofer, Robert	C-2825-2008	0000-0001-5567-7404
Kabanov, Alexander N	3356-2013	0000-0002-3665-946X

ISSN: 0142-9612

eISSN: 1878-5905

Record 4 of 5

Title: Sterilization of hydrogels for biomedical applications: A review

Author(s): Galante, R (Galante, Raquel); Pinto, TJA (Pinto, Terezinha J. A.); Colaco, R (Colaco, Rogerio); Serro, AP (Serro, Ana Paula)

Source: JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS **Volume:** 106 **Issue:** 6 **Pages:** 2472-2492 **DOI:** 10.1002/jbm.b.34048 **Published:** AUG 2018

Accession Number: WOS:000442988800039

PubMed ID: 29247599

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pinto, Terezinha de Jesus Andreoli		0000-0002-0238-8227
Colaco, Rogerio		0000-0002-5529-1621
Serro, Ana	H-7797-2012	0000-0002-6179-9296

ISSN: 1552-4973

eISSN: 1552-4981

Record 5 of 5

Title: Poly(2-oxazoline) Hydrogels: State-of-the-Art and Emerging Applications

Author(s): Dargaville, TR (Dargaville, Tim R.); Park, JR (Park, Jong-Ryul); Hoogenboom, R (Hoogenboom, Richard)

Source: MACROMOLECULAR BIOSCIENCE **Volume:** 18 **Issue:** 6 **Article Number:** 1800070 **DOI:** 10.1002/mabi.201800070 **Published:** JUN 2018

Accession Number: WOS:000435279400013

PubMed ID: 29736908

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard B	8977-2008	0000-0001-7398-2058
Dargaville, Tim		0000-0003-4665-9508

ISSN: 1616-5187

eISSN: 1616-5195

Publication No 67 of 132

Title: Double stimuli-responsive polymer systems: How to use crosstalk between pH- and thermosensitivity for drug depots

Author(s): Bogomolova, A (Bogomolova, A.); Kabarov, L (Kabarov, L.); Sedlacek, O (Sedlacek, O.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.); Kral, V (Kral, V.); Wang, XY (Wang, X. Y.); Liu, SL (Liu, S. L.); Ye, XD (Ye, X. D.); Hruby, M (Hruby, M.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 84 **Pages:** 54-64 **DOI:** 10.1016/j.eurpolymj.2016.09.010 **Published:** NOV 2016

Accession Number: WOS:000390181800005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

Bogomolova, Anna	O-2982-2016	
Liu, Shilin	F-1997-2010	0000-0002-3704-3798
Hruby, Martin	H-6479-2014	
Ye, Xiaodong	A-6983-2010	0000-0003-2143-1726
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kral, Vladimir	I-9518-2017	0000-0001-5034-4184
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0014-3057

eISSN: 1873-1945

Record 1 of 5

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0968-5243

eISSN: 1352-8661

Record 2 of 5

Title: F-19 Magnetic Resonance Imaging of Injectable Polymeric Implants with Multiresponsive Behavior

Author(s): Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Jager, E (Jager, Eliezer); Laaser, JE (Laaser, Jennifer E.); Lodge, TP (Lodge, Timothy P.); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: CHEMISTRY OF MATERIALS **Volume:** 30 **Issue:** 15 **Pages:** 4892-4896 **DOI:** 10.1021/acs.chemmater.8b02115 **Published:** AUG 14 2018

Accession Number: WOS:000442186500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin		0000-0002-5075-261X

ISSN: 0897-4756

eISSN: 1520-5002

Record 3 of 5

Title: Temperature and pH dual responsive 2-(dimethylamino)ethanethiol modified starch derivatives via a thiol-yne reaction for drug delivery

Author(s): Jong, K (Jong, Kwanghyok); Ju, BZ (Ju, Benzhi); Xiu, JH (Xiu, Jinghai); Her, R (Her, Ryohua); Son, S (Son, Sunil)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 296 **Issue:** 3 **Pages:** 627-636 **DOI:** 10.1007/s00396-018-4284-0 **Published:** MAR 2018

Accession Number: WOS:000425527300021

ISSN: 0303-402X

eISSN: 1435-1536

Record 4 of 5

Title: Self-assembly in Polymer Systems Inspired by Living Nature

Author(s): Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 294-300 **Published:** 2018

Accession Number: WOS:000433031600002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Record 5 of 5**Title:** Repetitive on-demand drug release from polymeric matrices containing a macroscopic spherical iron core**Author(s):** Rovers, SA (Rovers, Stefan A.); Kemmere, MF (Kemmere, Maartje F.); Keurentjes, JTF (Keurentjes, Jos T. F.); Hoogenboom, R (Hoogenboom, Richard)**Source:** JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE **Volume:** 28 **Issue:** 10 **Article Number:** 163 **DOI:** 10.1007/s10856-017-5983-7 **Published:** OCT 2017**Accession Number:** WOS:000411111500019**PubMed ID:** 28914395

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 0957-4530
eISSN: 1573-4838

Publication No 68 of 132**Title:** Thermoresponsive polymer system based on poly(N-vinylcaprolactam) intended for local radiotherapy applications**Author(s):** Cernoch, P (Cernoch, Peter); Cernochova, Z (Cernochova, Zulfiya); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin); Petrova, S (Petrova, Svetlana); Stepanek, P (Stepanek, Petr)**Source:** APPLIED RADIATION AND ISOTOPES **Volume:** 98 **Pages:** 7-12 **DOI:** 10.1016/j.apradiso.2015.01.005 **Published:** APR 2015**Accession Number:** WOS:000352245100002**PubMed ID:** 25617711

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Cernochova, Zulfiya	H-6730-2014	
Cernoch, Peter	H-6988-2014	
Petrova, Svetlana	S-9341-2018	0000-0003-1516-1002
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0969-8043**Record 1 of 5****Title:** The Effect Acetic Acid has on Poly(N-Vinylcaprolactam) LCST for Biomedical Applications**Author(s):** Dalton, MB (Dalton, Maurice B.); Halligan, SC (Halligan, Shane C.); Killion, JA (Killion, John A.); Wang, WX (Wang, Wenxin); Dong, YX (Dong, Yixiao); Nugent, MJD (Nugent, Michael J. D.); Geever, LM (Geever, Luke M.)**Source:** POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING **Volume:** 57 **Issue:** 12 **Pages:** 1165-1174 **DOI:** 10.1080/03602559.2017.1373400 **Published:** 2018**Accession Number:** WOS:000436083900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wang, Wenxin		0000-0002-5053-0611
Nugent, Michael	A-8643-2019	0000-0002-7469-4389
Halligan, Shane		0000-0002-6595-7714

ISSN: 0360-2559**eISSN:** 1525-6111**Record 2 of 5****Title:** A simple neridronate-based surface coating strategy for upconversion nanoparticles: highly colloidally stable I-125-radiolabeled NaYF₄:Yb³⁺/Er³⁺@PEG nanoparticles for multimodal in vivo tissue imaging**Author(s):** Kostiv, U (Kostiv, Uliana); Lobaz, V (Lobaz, Volodymyr); Kucka, J (Kucka, Jan); Svec, P (Svec, Pavel); Sedlacek, O (Sedlacek, Ondrej); Hruby, M (Hruby, Martin); Janouskova, O (Janouskova, Olga); Francova, P (Francova, Pavla); Kolarova, V (Kolarova, Vera); Sevc, L (Sevc, Ludek); Horak, D (Horak, Daniel)

Source: NANOSCALE **Volume:** 9 **Issue:** 43 **Pages:** 16680-16688 **DOI:** 10.1039/c7nr05456d **Published:** NOV 21 2017

Accession Number: WOS:000414960900019

PubMed ID: 29067394

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin	H-6479-2014	
Lobaz, Volodymyr	N-5149-2015	0000-0003-0479-2837
Sefc, Ludek	J-1848-2014	0000-0003-2846-220X
Francova, Pavla	J-2686-2017	0000-0003-0210-5378
Svec, Pavel	E-5527-2013	0000-0002-6604-2815
Kostiv, Uliana	O-9408-2015	0000-0001-8354-8618
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
		0000-0001-5124-0926

ISSN: 2040-3364

eISSN: 2040-3372

Record 3 of 5

Title: Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Cernoch, P (Cernoch, Peter); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Stepanek, P (Stepanek, Petr); Vetrik, M (Vetrik, Miroslav); Lodge, TP (Lodge, Timothy P.); Hruby, M (Hruby, Martin)

Source: LANGMUIR **Volume:** 32 **Issue:** 24 **Pages:** 6115-6122 **DOI:** 10.1021/acs.langmuir.6b01527 **Published:** JUN 21 2016

Accession Number: WOS:000378470000013

PubMed ID: 27238593

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Cernoch, Peter	H-6988-2014	
Hruby, Martin	H-6479-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891

ISSN: 0743-7463

Record 4 of 5

Title: Poly(N-vinylcaprolactam), a comprehensive review on a thermoresponsive polymer becoming popular

Author(s): Cortez-Lemus, NA (Cortez-Lemus, Norma A.); Licea-Claverie, A (Licea-Claverie, Angel)

Source: PROGRESS IN POLYMER SCIENCE **Volume:** 53 **Pages:** 1-51 **DOI:** 10.1016/j.progpolymsci.2015.08.001 **Published:** FEB 2016

Accession Number: WOS:000374074300001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Licea-Claverie, Angel		0000-0002-0725-0980

ISSN: 0079-6700

eISSN: 1873-1619

Record 5 of 5

Title: Synthesis of well-defined alkyne terminated poly(N-vinyl caprolactam) with stringent control over the LCST by RAFT

Author(s): Gois, JR (Gois, Joana R.); Costa, JRC (Costa, Joao R. C.); Popov, AV (Popov, Anatoliy V.); Serraa, AC (Serraa, Armenio C.); Coelho, JFJ (Coelho, Jorge F. J.)

Source: RSC ADVANCES **Volume:** 6 **Issue:** 21 **Pages:** 16996-17007 **DOI:** 10.1039/c6ra01014h **Published:** 2016

Accession Number: WOS:000371163900012

PubMed ID: 27019706

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Coelho, Jorge		0000-0001-9351-1704
Gois, Joana Rita		0000-0003-1828-0728
Serra, Armenio	C-9698-2014	0000-0001-8664-2757

ISSN: 2046-2069

Publication No 69 of 132

Title: Optimized protocol for the radioiodination of hydrazone-type polymer drug delivery systems

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 95 **Pages:** 129-134 **DOI:** 10.1016/j.apradiso.2014.10.016 **Published:** JAN 2015

Accession Number: WOS:000347585200021

PubMed ID: 25464189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kucka, Jan	G-7884-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 0969-8043

Record 1 of 5

Title: Optical and chemical sensor properties of Langmuir-Blodgett thin films coated with N-cyclohexylmethacrylamide monomer

Author(s): Erdogan, M (Erdogan, M.); Acikbas, Y (Acikbas, Y.); Soykan, C (Soykan, C.); Cankaya, N (Cankaya, N.); Capan, R (Capan, R.)

Source: JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS **Volume:** 20 **Issue:** 9-10 **Pages:** 520-525 **Published:** SEP-OCT 2018

Accession Number: WOS:000452505200012

ISSN: 1454-4164

eISSN: 1841-7132

Record 2 of 5

Title: Poly(2-ethyl-2-oxazoline) conjugates with doxorubicin for cancer therapy: In vitro and in vivo evaluation and direct comparison to poly [N-(2-hydroxypropyl)methacrylamide] analogues

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Mattova, J (Mattova, Jana); Kucka, J (Kucka, Jan); Panek, J (Panek, Jiri); Janouskova, O (Janouskova, Olga); Hoherl, A (Hoherl, Anita); Verbraeken, B (Verbraeken, Bart); Vergaelen, M (Vergaelen, Maarten); Zadinova, M (Zadinova, Marie); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: BIOMATERIALS **Volume:** 146 **Pages:** 1-12 **DOI:** 10.1016/j.biomaterials.2017.09.003 **Published:** NOV 2017

Accession Number: WOS:000412958000001

PubMed ID: 28892751

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Hoherl, Anita	G-6222-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Monnery, Bryn		0000-0001-5691-5451

ISSN: 0142-9612

eISSN: 1878-5905

Record 3 of 5

Title: Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?

Author(s): Pant, K (Pant, Kritee); Sedlacek, O (Sedlacek, Ondrej); Nadar, RA (Nadar, Robin A.); Hruby, M (Hruby, Martin); Stephan, H (Stephan, Holger)

Source: ADVANCED HEALTHCARE MATERIALS **Volume:** 6 **Issue:** 6 **Article Number:** UNSP 1601115 **DOI:** 10.1002/adhm.201601115 **Published:** MAR 22 2017

Accession Number: WOS:000399717800005

PubMed ID: 28218487

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
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Stephan, Holger	F-9789-2014	0000-0002-2972-2803
Hruby, Martin	H-6479-2014	
Pant, Kritee		0000-0003-3653-957X

ISSN: 2192-2640

eISSN: 2192-2659

Record 4 of 5

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 5 of 5

Title: Characterization of PDPA-b-PDMA-b-PDPA triblock copolymer Langmuir-Blodgett films for organic vapor sensing application

Author(s): Acikbas, Y (Acikbas, Y.); Taktak, F (Taktak, F.); Tuncer, C (Tuncer, C.); Butun, V (Butun, V.); Capan, R (Capan, R.); Erdogan, M (Erdogan, M.)

Source: MOLECULAR CRYSTALS AND LIQUID CRYSTALS **Volume:** 634 **Issue:** 1 **Pages:** 104-117 **DOI:** 10.1080/15421406.2016.1177911 **Published:** 2016

Accession Number: WOS:000384677300012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
BUTUN, Vural	V-5171-2017	0000-0003-4542-5080

ISSN: 1542-1406

eISSN: 1563-5287

Publication No 70 of 132

Title: Biopolymer-based degradable nanofibres from renewable resources produced by freeze-drying

Author(s): Vetrik, M (Vetrik, Miroslav); Pradny, M (Pradny, Martin); Kobera, L (Kobera, Libor); Slouf, M (Slouf, Miroslav); Rabyk, M (Rabyk, Mariia); Pospisilova, A (Pospisilova, Aneta); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: RSC ADVANCES **Volume:** 3 **Issue:** 35 **Pages:** 15282-15289 **DOI:** 10.1039/c3ra42647e **Published:** 2013

Accession Number: WOS:000323132100052

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pradny, Martin	H-8496-2014	
Rabyk, Mariia	O-4625-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kobera, Libor	G-5237-2014	0000-0002-8826-948X
Vetrik, Miroslav	G-3495-2014	
Hruby, Martin	H-6479-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X

ISSN: 2046-2069

Record 1 of 5

Title: Glycogen-based self-healing hydrogels with ultra-stretchable, flexible, and enhanced mechanical properties via sacrificial bond interactions

Author(s): Hussain, I (Hussain, Imtiaz); Sayed, SM (Sayed, Sayed Mir); Liu, SL (Liu, Shunli); Oderinde, O (Oderinde, Olayinka); Yao, F (Yao, Fang); Fu, GD (Fu, Guodong)

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 117 **Pages:** 648-658 **DOI:** 10.1016/j.ijbiomac.2018.04.088 **Published:** OCT 1 2018

Accession Number: WOS:000442057700074

PubMed ID: 29679673

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Oderinde, Olayinka Kehinde	B-8825-2018	0000-0002-2050-0948

ISSN: 0141-8130

eISSN: 1879-0003

Record 2 of 5

Title: Lactosylated Glycogen Nanoparticles for Targeting Prostate Cancer Cells

Author(s): Besford, QA (Besford, Quinn A.); Wojnilowicz, M (Wojnilowicz, Marcin); Suma, T (Suma, Tomoya); Bertleff-Zieschang, N (Bertleff-Zieschang, Nadja); Caruso, F (Caruso, Frank); Cayalieri, F (Cayalieri, Francesca)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 9 **Issue:** 20 **Pages:** 16870-16880 **DOI:** 10.1021/acsami.7b02676 **Published:** MAY 24 2017

Accession Number: WOS:000402498600015

PubMed ID: 28362077

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Caruso, Frank	A-9587-2011	0000-0002-0197-497X
CAVALIERI, FRANCESCA	Q-1982-2015	0000-0001-5391-5069

ISSN: 1944-8244

Record 3 of 5

Title: Modified glycogen as construction material for functional biomimetic microfibers

Author(s): Rabyk, M (Rabyk, Mariia); Hruby, M (Hruby, Martin); Vetrik, M (Vetrik, Miroslav); Kucka, J (Kucka, Jan); Proks, V (Proks, Vladimir); Parizek, M (Parizek, Martin); Konefal, R (Konefal, Rafal); Krist, P (Krist, Pavel); Chvatil, D (Chvatil, David); Bacakova, L (Bacakova, Lucie); Slouf, M (Slouf, Miroslav); Stepanek, P (Stepanek, Petr)

Source: CARBOHYDRATE POLYMERS **Volume:** 152 **Pages:** 271-279 **DOI:** 10.1016/j.carbpol.2016.06.107 **Published:** NOV 5 2016

Accession Number: WOS:000380944500031

PubMed ID: 27516273

Author Identifiers:

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Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Krist, Pavel	G-8620-2014	
Parizek, Martin	G-3114-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Bacakova, Lucie	C-2664-2012	0000-0002-1818-9484
Rabyk, Mariia	O-4625-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X

ISSN: 0144-8617

eISSN: 1879-1344

Record 4 of 5

Title: Fabrication of hydroxyapatite/chitosan porous materials for Pb(II) removal from aqueous solution

Author(s): Lei, Y (Lei, Yong); Guan, JJ (Guan, Jun-Jie); Chen, W (Chen, Wei); Ke, QF (Ke, Qin-Fei); Zhang, CQ (Zhang, Chang-Qing); Guo, YP (Guo, Ya-Ping)

Source: RSC ADVANCES **Volume:** 5 **Issue:** 32 **Pages:** 25462-25470 **DOI:** 10.1039/c5ra01628b **Published:** 2015

Accession Number: WOS:000351354000079

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Guo, Ya-Ping		0000-0002-5450-2968

Record 5 of 5

Title: Interfacial strength and mechanical properties of biocomposites based on ramie fibers and poly(butylene succinate)

Author(s): Zhou, M (Zhou, Mi); Yan, JJ (Yan, Jiajie); Li, YH (Li, Yuhang); Geng, CZ (Geng, Chengzhen); He, C (He, Chao); Wang, K (Wang, Ke); Fu, Q (Fu, Qiang)

Source: RSC ADVANCES **Volume:** 3 **Issue:** 48 **Pages:** 26418-26426 **DOI:** 10.1039/c3ra43713b **Published:** 2013

Accession Number: WOS:000327261700124

ISSN: 2046-2069

Publication No 71 of 132

Title: Preparation of stable Pd nanocubes and their use in biological labeling

Author(s): Slouf, M (Slouf, Miroslav); Hruby, M (Hruby, Martin); Bakaeva, Z (Bakaeva, Zulfiya); Vlkova, H (Vlkova, Helena); Nebesarova, J (Nebesarova, Jana); Philimonenko, AA (Philimonenko, Anatoly A.); Hozak, P (Hozak, Pavel)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 100 **Pages:** 205-208 **DOI:** 10.1016/j.colsurfb.2012.05.023 **Published:** DEC 1 2012

Accession Number: WOS:000307683900029

PubMed ID: 22771526

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Nebesarova, Jana	G-7351-2014	
Cernochova, Zulfiya	H-6730-2014	
Hruby, Martin	H-6479-2014	
Hozak, Pavel	J-4182-2014	0000-0003-1901-1394

ISSN: 0927-7765

Record 1 of 5

Title: Syzygium aromaticum extract mediated, rapid and facile biogenic synthesis of shape-controlled (3D) silver nanocubes

Author(s): Chaudhari, AN (Chaudhari, Anuj N.); Ingale, AG (Ingale, Arun G.)

Source: BIOPROCESS AND BIOSYSTEMS ENGINEERING **Volume:** 39 **Issue:** 6 **Pages:** 883-891 **DOI:** 10.1007/s00449-016-1567-z **Published:** JUN 2016

Accession Number: WOS:000376486400003

PubMed ID: 26921103

ISSN: 1615-7591

eISSN: 1615-7605

Record 2 of 5

Title: Simultaneous detection of multiple targets for ultrastructural immunocytochemistry

Author(s): Philimonenko, VV (Philimonenko, V. V.); Philimonenko, AA (Philimonenko, A. A.); Sloufova, I (Sloufova, I.); Hruby, M (Hruby, M.); Novotny, F (Novotny, F.); Halbhuber, Z (Halbhuber, Z.); Krivjanska, M (Krivjanska, M.); Nebesarova, J (Nebesarova, J.); Slouf, M (Slouf, M.); Hozak, P (Hozak, P.)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 141 **Issue:** 3 **Pages:** 229-239 **DOI:** 10.1007/s00418-013-1178-6 **Published:** MAR 2014

Accession Number: WOS:000332082300001

PubMed ID: 24449180

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sloufova, Ivana	F-5344-2014	0000-0002-4757-6029
NOVOTNY, FILIP	R-2406-2019	0000-0003-0471-1865
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Novotny, Filip	G-2741-2014	0000-0003-0471-1865
Hozak, Pavel	J-4182-2014	0000-0003-1901-1394
Philimonenko, Vlada	G-3522-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Nebesarova, Jana	G-7351-2014	

ISSN: 0948-6143
eISSN: 1432-119X

Record 3 of 5

Title: Nanomaterials

Author(s): Alves, OL (Alves, Oswaldo L.); de Moraes, ACM (Mazarin de Moraes, Ana Carolina); Simoes, MB (Simoes, Mateus Batista); Fonseca, LC (Fonseca, Leandro Carneiro); do Nascimento, RO (do Nascimento, Rafaella Oliveira); Holtz, RD (Holtz, Raphael Dias); de Faria, AF (de Faria, Andreia Fonseca)

Edited by: Duran N; Guterres SS; Alves OL

Source: NANOTOXICOLOGY: MATERIALS, METHODOLOGIES, AND ASSESSMENTS **Book Series:** Nanomedicine and Nanotoxicology **Pages:** 1-29 **DOI:** 10.1007/978-1-4614-8993-1_1 **Published:** 2014

Accession Number: WOS:000332364400003

Author Identifiers:

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Nascimento, Rafaella		0000-0002-4023-7534

ISSN: 2194-0452

eISSN: 2194-0460

ISBN: 978-1-4614-8993-1; 978-1-4614-8992-4

Book DOI: 10.1007/978-1-4614-8993-1

Record 4 of 5

Title: Tunable adsorption of bovine serum albumin by annealed cationic spherical polyelectrolyte brushes

Author(s): Wang, SY (Wang, Siyi); Chen, KM (Chen, Kaimin); Kayitmazer, AB (Kayitmazer, A. Basak); Li, L (Li, Li); Guo, XH (Guo, Xuhong)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 107 **Pages:** 251-256 **DOI:** 10.1016/j.colsurfb.2013.02.026 **Published:** JUL 1 2013

Accession Number: WOS:000318141900033

PubMed ID: 23523004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Chen, Kaimin	A-2694-2011	
Kayitmazer, A. Basak		0000-0003-1885-2984

ISSN: 0927-7765

Record 5 of 5

Title: Electrocatalytic activity of well-defined and homogeneous cubic-shaped Pd nanoparticles

Author(s): Arjona, N (Arjona, N.); Guerra-Balcazar, M (Guerra-Balcazar, M.); Ortiz-Frade, L (Ortiz-Frade, L.); Osorio-Monreal, G (Osorio-Monreal, G.); Alvarez-Contreras, L (Alvarez-Contreras, L.); Ledesma-Garcia, J (Ledesma-Garcia, J.); Arriaga, LG (Arriaga, L. G.)

Source: JOURNAL OF MATERIALS CHEMISTRY A **Volume:** 1 **Issue:** 48 **Pages:** 15524-15529 **DOI:** 10.1039/c3ta13891g **Published:** 2013

Accession Number: WOS:000327446900046

Author Identifiers:

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Ortiz-Frade, Luis		0000-0001-6523-8018

ISSN: 2050-7488

eISSN: 2050-7496

Publication No 72 of 132

Title: Phosphotriesterase modified by poly[N-(2-hydroxypropyl)methacrylamide]

Author(s): Jun, D (Jun, Daniel); Kuca, K (Kuca, Kamil); Bajgar, J (Bajgar, Jiri); Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Renault, F (Renault, Frederique); Masson, P (Masson, Patrick)

Source: TOXICOLOGY **Volume:** 233 **Issue:** 1-3 **Pages:** 235-235 **DOI:** 10.1016/j.tox.2006.04.046 **Published:** APR 20 2007

Accession Number: WOS:000246226400047

Conference Title: 10th International Medical Chemical Defence Conference

Conference Date: APR 26-27, 2006

Conference Location: Bundeswehr Med Acad, Munich, GERMANY

Conference Sponsors: Bundeswehr Inst Pharmacol & Toxicol

Conference Host: Bundeswehr Med Acad

Author Identifiers:

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Jun, Daniel	S-8647-2017	0000-0002-0882-6304
Masson, Patrick	J-3964-2013	0000-0002-7837-3662
Hruby, Martin	H-6479-2014	

ISSN: 0300-483X

Record 1 of 5

Title: Nerve Agents: Catalytic Scavengers as an Alternative Approach for Medical Countermeasures

Author(s): Masson, P (Masson, Patrick)

Edited by: Worek F; Jenner J; Thiermann H

Source: CHEMICAL WARFARE TOXICOLOGY, VOL 2: MANAGEMENT OF POISONING **Book Series:** Issues in Toxicology **Volume:** 27 **Pages:** 43-81 **Published:** 2016

Accession Number: WOS:000400669400003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Masson, Patrick	J-3964-2013	0000-0002-7837-3662

ISSN: 1757-7179

ISBN: 978-1-78262-807-1; 978-1-78262-803-3

Record 2 of 5

Title: Catalytic Bioscavengers: The New Generation of Bioscavenger-Based Medical Countermeasures

Author(s): Masson, P (Masson, Patrick)

Edited by: Gupta RC

Source: HANDBOOK OF TOXICOLOGY OF CHEMICAL WARFARE AGENTS, 2ND EDITION **Pages:** 1107-1123 **DOI:** 10.1016/B978-0-12-800159-2.00075-0 **Published:** 2015

Accession Number: WOS:000429131200075

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Masson, Patrick	J-3964-2013	0000-0002-7837-3662

ISBN: 978-0-12-800494-4; 978-0-12-800159-2

Record 3 of 5

Title: Organophosphate hydrolases as catalytic bioscavengers of organophosphorus nerve agents

Author(s): Trovaslet-Leroy, M (Trovaslet-Leroy, Marie); Musilova, L (Musilova, Lucie); Renault, F (Renault, Frederique); Brazzolotto, X (Brazzolotto, Xavier); Misik, J (Misik, Jan); Novotny, L (Novotny, Ladislav); Froment, MT (Froment, Marie-Therese); Gillon, E (Gillon, Emilie); Loidice, M (Loidice, Melanie); Verdier, L (Verdier, Laurent); Masson, P (Masson, Patrick); Rochu, D (Rochu, Daniel); Jun, D (Jun, Daniel); Nachon, F (Nachon, Florian)

Source: TOXICOLOGY LETTERS **Volume:** 206 **Issue:** 1 **Special Issue:** SI **Pages:** 14-23 **DOI:** 10.1016/j.toxlet.2011.05.1041 **Published:** SEP 25 2011

Accession Number: WOS:000294940400004

PubMed ID: 21683774

Conference Title: 13th International Medical Chemical Defence Conference (MCDC)

Conference Date: APR 14, 2011

Conference Location: Bundeswehr Med Acad, Munich, GERMANY

Conference Sponsors: Bundeswehr Inst Pharmacol & Toxicol

Conference Host: Bundeswehr Med Acad

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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ISSN: 0378-4274
eISSN: 1879-3169

Record 4 of 5

Title: Catalytic Bioscavengers Against Toxic Esters, an Alternative Approach for Prophylaxis and Treatments of Poisonings

Author(s): Masson, P (Masson, Patrick); Rochu, D (Rochu, Daniel)

Source: ACTA NATURAE **Volume:** 1 **Issue:** 1 **Pages:** 68-78 **Published:** APR-JUN 2009

Accession Number: WOS:000208481600007

PubMed ID: 22649587

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Masson, Patrick	J-3964-2013	0000-0002-7837-3662

ISSN: 2075-8251

Record 5 of 5

Title: Catalytic Bioscavengers: The Next Generation of Bioscavenger-Based Medical Countermeasures

Author(s): Masson, P (Masson, Patrick); Rochu, D (Rochu, Daniel)

Edited by: Gupta RC

Source: HANDBOOK OF TOXICOLOGY OF CHEMICAL WARFARE AGENTS **Pages:** 1053-1065 **DOI:** 10.1016/B978-012374484-5.00070-5 **Published:** 2009

Accession Number: WOS:000321306800071

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Masson, Patrick	J-3964-2013	0000-0002-7837-3662

ISBN: 9780-0-80-92273-7; 978-0-12-374484-5

Publication No 73 of 132

Title: Self-Assembled Thermoresponsive Polymeric Nanogels for F-19 MR Imaging

Author(s): Kolouchova, K (Kolouchova, Kristyna); Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Babuka, D (Babuka, David); Blahut, J (Blahut, Jan); Kotek, J (Kotek, Jan); Vit, M (Vit, Martin); Trousil, J (Trousil, Jiri); Konefal, R (Konefal, Rafal); Janouskova, O (Janouskova, Olga); Podhorska, B (Podhorska, Bohumila); Slouf, M (Slouf, Miroslav); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 8 **Pages:** 3515-3524 **DOI:** 10.1021/acs.biomac.8b00812 **Published:** AUG 2018

Accession Number: WOS:000441852400034

PubMed ID: 30011367

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Hruby, Martin	H-6479-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Blahut, Jan	B-2073-2017	0000-0001-7752-8370
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247
Kotek, Jan	B-1157-2017	0000-0003-1777-729X

ISSN: 1525-7797

eISSN: 1526-4602

Record 1 of 4

Title: Rifampicin Nanoformulation Enhances Treatment of Tuberculosis in Zebrafish

Author(s): Trousil, J (Trousil, Jiri); Syrova, Z (Syrova, Zdenka); Dal, NJK (Dal, Nils-Jorgen K.); Rak, D (Rak, Dmytro); Konefal, R (Konefal, Rafal); Pavlova, E (Pavlova, Ewa); Matejkova, J (Matejkova, Jana); Cmarko, D (Cmarko, Dusan); Kubickova, P (Kubickova, Pavla); Pavlis, O (Pavlis, Oto); Urbanek, T (Urbanek, Tomas); Sedlak, M (Sedlak, Marian); Fenaroli, F (Fenaroli, Federico); Raska, I (Raska, Ivan); Stepanek, P (Stepanek, Petr); Hraby, M (Hraby, Martin)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 4 **Pages:** 1798-1815 **DOI:** 10.1021/acs.biomac.9b00214 **Published:** APR 2019

Accession Number: WOS:000464248300033

PubMed ID: 30785284

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hraby, Martin	H-6479-2014	
Pavlova, Ewa	H-6195-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Rak, Dmytro		0000-0001-7531-7772

ISSN: 1525-7797

eISSN: 1526-4602

Record 2 of 4

Title: Protein-Engineered Nanoscale Micelles for Dynamic F-19 Magnetic Resonance and Therapeutic Drug Delivery

Author(s): Hill, LK (Hill, Lindsay K.); Frezzo, JA (Frezza, Joseph A.); Katyal, P (Katyal, Priya); Hoang, DM (Dung Minh Hoang); Gironda, ZB (Gironda, Zakia Ben Youss); Xu, C (Xu, Cynthia); Xie, X (Xie, Xuan); Delgado-Fukushima, E (Delgado-Fukushima, Erika); Wadghiri, YZ (Wadghiri, Youssef Z.); Montclare, JK (Montclare, Jin Kim)

Source: ACS NANO **Volume:** 13 **Issue:** 3 **Pages:** 2969-2985 **DOI:** 10.1021/acsnano.8b07481 **Published:** MAR 2019

Accession Number: WOS:000462950500025

PubMed ID: 30758189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Katyal, Priya		0000-0003-3066-3537
Montclare, Jin		0000-0001-6857-3591

ISSN: 1936-0851

eISSN: 1936-086X

Record 3 of 4

Title: Applications of nanoparticles in biomedical imaging

Author(s): Han, XJ (Han, Xiangjun); Xu, K (Xu, Ke); Taratula, O (Taratula, Olena); Farsad, K (Farsad, Khashayar)

Source: NANOSCALE **Volume:** 11 **Issue:** 3 **Pages:** 799-819 **DOI:** 10.1039/c8nr07769j **Published:** JAN 21 2019

Accession Number: WOS:000460162900001

PubMed ID: 30603750

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
han, xiangjun		0000-0003-1931-9065

ISSN: 2040-3364

eISSN: 2040-3372

Record 4 of 4

Title: Importance of Thermally Induced Aggregation on F-19 Magnetic Resonance Imaging of Perfluoropolyether-Based Comb-Shaped Poly(2-oxazoline)s

Author(s): Zhang, C (Zhang, Cheng); Sanchez, RJP (Sanchez, Ronny Javier Pibaque); Fu, CK (Fu, Changkui); Clayden-Zabik, R (Clayden-Zabik, Ryan); Peng, H (Peng, Hui); Kempe, K (Kempe, Kristian); Whittaker, AK (Whittaker, Andrew K.)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 1 **Pages:** 365-374 **DOI:** 10.1021/acs.biomac.8b01549 **Published:** JAN 2019

Accession Number: WOS:000456349600032

PubMed ID: 30495941

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Whittaker, Andrew	E-6172-2011	0000-0002-1948-8355
ZHANG, CHENG		0000-0002-2722-7497

ISSN: 1525-7797

eISSN: 1526-4602

Publication No 74 of 132

Title: Silica-based nanoparticles are efficient delivery systems for temoporfin

Author(s): Brezaniova, I (Brezaniova, Ingrid); Zaruba, K (Zaruba, Kamil); Kralova, J (Kralova, Jarmila); Sinica, A (Sinica, Alla); Adamkova, H (Adamkova, Hana); Ulbrich, P (Ulbrich, Pavel); Pouckova, P (Pouckova, Pavla); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Kral, V (Kral, Vladimir)

Source: PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY **Volume:** 21 **Pages:** 275-284 **DOI:** 10.1016/j.pdpdt.2017.12.014 **Published:** MAR 2018

Accession Number: WOS:000430644200045

PubMed ID: 29288831

Author Identifiers:

Author	Web of Science	ResearcherID	ORCID	Number
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Hruby, Martin	H-6479			2014
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Zaruba, Kamil	F-2125			2018
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Ulbrich, Pavel	F-5747			2010
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Stepanek, Petr	G-2882			2014
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	0000-0003-1433-678X
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Ulbrich, Pavel	0000-0002-9076-8210
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ISSN: 1572-1000

eISSN: 1873-1597

Record 1 of 4

Title: Current state of the nanoscale delivery systems for temoporfin-based photodynamic therapy: Advanced delivery strategies

Author(s): Yakavets, I (Yakavets, Ilya); Millard, M (Millard, Marie); Zorin, V (Zorin, Vladimir); Lassalle, HP (Lassalle, Henri-Pierre); Bezdetnaya, L (Bezdetnaya, Lina)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 304 **Pages:** 268-287 **DOI:** 10.1016/j.jconrel.2019.05.035 **Published:** JUN 28 2019

Accession Number: WOS:000473719700026

PubMed ID: 31136810

Author Identifiers:

Author	Web of Science	ResearcherID	ORCID	Number
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Yakavets, Ilya	R-9066			2016
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	0000-0003-0373-5160
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ISSN: 0168-3659

eISSN: 1873-4995

Record 2 of 4

Title: Porphyrin- xylan-coated silica nanoparticles for anticancer photodynamic therapy

Author(s): Bouramtane, S (Bouramtane, Soukaina); Bretin, L (Bretin, Ludovic); Pinon, A (Pinon, Aline); Leger, D (Leger, David); Liagre, B (Liagre, Bertrand); Richard, L (Richard, Laurence); Bregier, F (Bregier, Frederique); Sol, V (Sol, Vincent); Chaleix, V (Chaleix, Vincent)

Source: CARBOHYDRATE POLYMERS **Volume:** 213 **Pages:** 168-175 **DOI:** 10.1016/j.carbpol.2019.02.070 **Published:** JUN 1 2019

Accession Number: WOS:000461316200018

PubMed ID: 30879656

Author Identifiers:

Author	Web of Science	ResearcherID	ORCID	Number
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BRETIN, Ludovic				
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chaleix, vincent				
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Bregier, Frederique				
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sol, vincent				
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ISSN: 0144-8617

eISSN: 1879-1344

Record 3 of 4

Title: Photodynamic therapy: A hot topic in dermato-oncology

Author(s): Tampa, M (Tampa, Mircea); Sarbu, MI (Sarbu, Maria-Isabela); Matei, C (Matei, Clara); Mitran, CI (Mitran, Cristina-Iulia); Mitran, MI (Mitran, Madalina-Irina); Caruntu, C (Caruntu, Constantin); Constantin, C (Constantin, Carolina); Neagu, M (Neagu, Monica); Georgescu, SR (Georgescu, Simona-Roxana)

Source: ONCOLOGY LETTERS **Volume:** 17 **Issue:** 5 **Pages:** 4085-4093 **DOI:** 10.3892/ol.2019.9939 **Published:** MAY 2019

Accession Number: WOS:000465880900005
PubMed ID: 30944601
ISSN: 1792-1074
eISSN: 1792-1082

Record 4 of 4

Title: Gold-Based Nanoparticles Systems in Phototherapy - Current Strategies
Author(s): Blaszkiewicz, P (Blaszkiewicz, Paulina); Kotkowiak, M (Kotkowiak, Michal)
Source: CURRENT MEDICINAL CHEMISTRY **Volume:** 25 **Issue:** 42 **Pages:** 5914-5929 **DOI:** 10.2174/0929867325666181031120757 **Published:** 2018
Accession Number: WOS:000457846900009
PubMed ID: 30378476

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Blaszkiewicz, Paulina	S-2633-2019	0000-0002-2355-8889
Kotkowiak, Michal	G-2584-2015	

ISSN: 0929-8673
eISSN: 1875-533X

Publication No 75 of 132

Title: One-pot synthesis of reactive oxygen species (ROS)-self-immolative polyoxalate prodrug nanoparticles for hormone dependent cancer therapy with minimized side effects
Author(s): Hocherl, A (Hoecherl, Anita); Jager, E (Jaeger, Eliezer); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin); Konefal, R (Konefal, Rafal); Janouskova, O (Janouskova, Olga); Spevacek, J (Spevacek, Jiri); Jiang, YM (Jiang, Yaming); Schmidt, PW (Schmidt, Peter W.); Lodge, TP (Lodge, Timothy P.); Stepanek, P (Stepanek, Petr)
Source: POLYMER CHEMISTRY **Volume:** 8 **Issue:** 13 **Pages:** 1999-2004 **DOI:** 10.1039/c7py00270j **Published:** APR 4 2017
Accession Number: WOS:000398993800002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Jager, Alessandro	D-8647-2016	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Hoecherl, Anita	G-6222-2014	
Jager, Eliezer	D-8924-2016	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Spevacek, Jiri	H-2076-2014	0000-0002-1455-3488
Hoecherl, Anita		0000-0003-3391-3546
Schmidt, Peter		0000-0001-6702-411X

ISSN: 1759-9954

eISSN: 1759-9962

Record 1 of 5

Title: Recent Progress in the Biological Applications of Reactive Oxygen Species-Responsive Polymers
Author(s): Fan, ZY (Fan, Zhiyuan); Xu, HP (Xu, Huaping)
Source: POLYMER REVIEWS **DOI:** 10.1080/15583724.2019.1641515 **Early Access Date:** JULY 2019
Accession Number: WOS:000477388600001
ISSN: 1558-3724
eISSN: 1558-3716

Record 2 of 5

Title: Selectively Biodegradable Polyesters: Nature-Inspired Construction Materials for Future Biomedical Applications
Author(s): Urbanek, T (Urbanek, Tomas); Jager, E (Jaeger, Eliezer); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin)

Source: POLYMERS **Volume:** 11 **Issue:** 6 **Article Number:** 1061 **DOI:** 10.3390/polym11061061 **Published:** JUN 2019
Accession Number: WOS:000473819100133
PubMed ID: 31248100
eISSN: 2073-4360

Record 3 of 5

Title: Logical design and application of prodrug platforms

Author(s): Meng, QY (Meng, Qingye); Hu, H (Hu, Hao); Zhou, LP (Zhou, Liping); Zhang, YX (Zhang, Yixin); Yu, B (Yu, Bing); Shen, YQ (Shen, Youqing); Cong, HL (Cong, Hailin)

Source: POLYMER CHEMISTRY **Volume:** 10 **Issue:** 3 **Pages:** 306-324 **DOI:** 10.1039/c8py01160e **Published:** JAN 21 2019

Accession Number: WOS:000458581100002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shen, Youqing	E-6144-2011	0000-0003-1837-7976
Hu, Hao		0000-0003-4796-9882

ISSN: 1759-9954

eISSN: 1759-9962

Record 4 of 5

Title: Poly(ethylene oxide monomethyl ether)-block-poly(propylene succinate) Nanoparticles: Synthesis and Characterization, Enzymatic and Cellular Degradation, Micellar Solubilization of Paclitaxel, and in Vitro and in Vivo Evaluation

Author(s): Jager, A (Jager, Alessandro); Jager, E (Jager, Eliezer); Syrova, Z (Syrova, Zdenka); Mazel, T (Mazel, Tomas); Kovacik, L (Kovacik, Lubomir); Raska, I (Raska, Ivan); Hoherl, A (Hoherl, Anita); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Humajova, J (Humajova, Jana); Pouckova, P (Pouckova, Pavla); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 7 **Pages:** 2443-2458 **DOI:** 10.1021/acs.biomac.8b00048 **Published:** JUL 2018

Accession Number: WOS:000438470800009

PubMed ID: 29601729

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Hoherl, Anita	G-6222-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Jager, Alessandro	D-8647-2016	

ISSN: 1525-7797

eISSN: 1526-4602

Record 5 of 5

Title: Fast Degradable Polycaprolactone for Drug Delivery

Author(s): Chang, SH (Chang, Seo Hee); Lee, HJ (Lee, Hyun Jung); Park, S (Park, Sohee); Kim, Y (Kim, Yelin); Jeong, B (Jeong, Byeongmoon)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 6 **Special Issue:** SI **Pages:** 2302-2307 **DOI:** 10.1021/acs.biomac.8b00266 **Published:** JUN 2018

Accession Number: WOS:000435226200053

PubMed ID: 29742350

ISSN: 1525-7797

eISSN: 1526-4602

Publication No 76 of 132

Title: New coupling strategy for radionuclide labeling of synthetic polymers

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Novakova, M (Novakova, Michaela); Mackova, H (Mackova, Hana); Vetrik, M (Vetrik, Miroslav)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 68 **Issue:** 2 **Pages:** 334-339 **DOI:** 10.1016/j.apradiso.2009.11.039 **Published:** FEB 2010

Accession Number: WOS:000276117500018

PubMed ID: 20004106

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	

ISSN: 0969-8043

Record 1 of 4

Title: In Situ In Vivo radiolabeling of polymer-coated hydroxyapatite nanoparticles to track their biodistribution in mice

Author(s): Lobaz, V (Lobaz, Volodymyr); Konefal, R (Konefal, Rafal); Panek, J (Panek, Jiri); Vlk, M (Vlk, Martin); Kozempel, J (Kozempel, Jan); Petrik, M (Petrik, Milos); Novy, Z (Novy, Zbynek); Gurska, S (Gurska, Sona); Znojek, P (Znojek, Pawel); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 179 **Pages:** 143-152 **DOI:** 10.1016/j.colsurfb.2019.03.057 **Published:** JUL 1 2019

Accession Number: WOS:000471736600017

PubMed ID: 30954015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lobaz, Volodymyr	N-5149-2015	0000-0003-0479-2837
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Vlk, Martin	C-8308-2012	0000-0003-1044-1910
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Panek, Jiri	H-7129-2014	
Kozempel, Jan		0000-0002-6315-9225
Petrik, Milos		0000-0003-1334-5916

ISSN: 0927-7765

eISSN: 1873-4367

Record 2 of 4

Title: Peptide-Targeted Polymer Cancerostatics

Author(s): Bohmova, E (Bohmova, E.); Pola, R (Pola, R.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S153-S164 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800002

PubMed ID: 27762582

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Pola, Robert	G-5723-2014	0000-0003-0025-2016
Bohmova, Eliska	O-3988-2015	

ISSN: 0862-8408

eISSN: 1802-9973

Record 3 of 4

Title: Bifunctional Cyclam-Based Ligands with Phosphorus Acid Pendant Moieties for Radiocopper Separation: Thermodynamic and Kinetic Studies

Author(s): Paurova, M (Paurova, Monika); Havlickova, J (Havlickova, Jana); Pospisilova, A (Pospisilova, Aneta); Vetrik, M (Vetrik, Miroslav); Cisarova, I (Cisarova, Ivana); Stephan, H (Stephan, Holger); Pietzsch, HJ (Pietzsch, Hans-Juergen); Hruby, M (Hruby, Martin); Hermann, P (Hermann, Petr); Kotek, J (Kotek, Jan)

Source: CHEMISTRY-A EUROPEAN JOURNAL **Volume:** 21 **Issue:** 12 **Pages:** 4671-4687 **DOI:** 10.1002/chem.201405777 **Published:** MAR 16 2015

Accession Number: WOS:000350760000029

PubMed ID: 25649310

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetrik, Miroslav	G-3495-2014	
Paurova, Monika	B-1160-2017	0000-0002-2192-6844
Kotek, Jan	B-1157-2017	0000-0003-1777-729X
Hruby, Martin	H-6479-2014	
Cisarova, Ivana	B-1385-2017	0000-0002-9612-9831
Havlickova, Jana	S-3262-2017	0000-0002-3417-109X
Hermann, Petr	A-1880-2008	0000-0001-6250-5125
Stephan, Holger	F-9789-2014	0000-0002-2972-2803

ISSN: 0947-6539
eISSN: 1521-3765

Record 4 of 4

Title: Preparation and evaluation of radioiodinated thermoresponsive polymer based on poly(N-isopropyl acrylamide) for radiotherapy

Author(s): Karir, T (Karir, Tarveen); Sarma, HD (Sarma, Haladhar D.); Samuel, G (Samuel, Grace); Hassan, PA (Hassan, Puthusserickal A.); Padmanabhan, D (Padmanabhan, D.); Venkatesh, M (Venkatesh, Meera)

Source: JOURNAL OF APPLIED POLYMER SCIENCE **Volume:** 130 **Issue:** 2 **Pages:** 860-868 **DOI:** 10.1002/app.39235 **Published:** OCT 15 2013

Accession Number: WOS:000322238200018

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sarma, Haladhar Dev	C-2350-2009	0000-0001-7168-4487

ISSN: 0021-8995

Publication No 77 of 132

Title: STIMULI-RESPONSIVE POLYMERIC MICELLES FOR DRUG DELIVERY PURPOSES

Author(s): Hruby, M (Hruby, Martin)

Edited by: Li S; Tiwari A; Prabakaran M; Aryal S

Source: SMART POLYMER MATERIALS FOR BIOMEDICAL APPLICATIONS **Book**

Series: Materials Science and Technologies **Pages:** 193-211 **Published:** 2010

Accession Number: WOS:000283525900012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISBN: 978-1-60876-192-0

Record 1 of 4

Title: Temperature-heavy metal- and temperature-anion/molecule-responsive systems based on PEG acrylate copolymers containing dipyrrolyl ligands

Author(s): Kristanti, A (Kristanti, Ariella); Batchelor, R (Batchelor, Rhiannon); Albuszis, M (Albuszis, Marco); Yap, J (Yap, Jordan); Roth, PJ (Roth, Peter J.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 69 **Pages:** 499-509 **DOI:** 10.1016/j.eurpolymj.2015.01.042 **Published:** AUG 2015

Accession Number: WOS:000359504800045

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Roth, Peter F	F-8780-2012	0000-0002-8910-9031

ISSN: 0014-3057

eISSN: 1873-1945

Record 2 of 4

Title: Smart polymers in drug delivery systems On crossroads: Which way deserves following?

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Stepanek, P (Stepanek, Petr)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 65 **Special Issue:** SI **Pages:** 82-97 **DOI:** 10.1016/j.eurpolymj.2015.01.016 **Published:** APR 2015

Accession Number: WOS:000353076900007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey B	B-8438-2009	0000-0002-4253-5076

ISSN: 0014-3057

eISSN: 1873-1945

Record 3 of 4

Title: Poly(2-Oxazoline)s - Are They More Advantageous for Biomedical Applications Than Other Polymers?

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Filippov, SK (Filippov, Sergey K.); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: MACROMOLECULAR RAPID COMMUNICATIONS **Volume:** 33 **Issue:** 19 **Special Issue:** SI **Pages:** 1648-1662 **DOI:** 10.1002/marc.201200453 **Published:** OCT 15 2012

Accession Number: WOS:000309451000006

PubMed ID: 23034926

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Monnery, Bryn		0000-0001-5691-5451

ISSN: 1022-1336

eISSN: 1521-3927

Record 4 of 4

Title: UCST-driven self-assembly and crosslinking of diblock copolymer micelles

Author(s): Roth, PJ (Roth, Peter J.); Davis, TP (Davis, Thomas P.); Lowe, AB (Lowe, Andrew B.)

Source: POLYMER CHEMISTRY **Volume:** 3 **Issue:** 8 **Pages:** 2228-2235 **DOI:** 10.1039/c2py20204b **Published:** 2012

Accession Number: WOS:000305964400038

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Davis, Thomas	B-6395-2008	0000-0003-2581-4986
Lowe, Andrew	C-4684-2015	0000-0002-7874-2050
Roth, Peter	F-8780-2012	0000-0002-8910-9031

ISSN: 1759-9954

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Publication No 78 of 132

Title: Novel polymer vectors of Cu-64

Author(s): Kozempel, J (Kozempel, J.); Hruby, M (Hruby, M.); Novakova, M (Novakova, M.); Kucka, J (Kucka, J.); Leseticky, L (Leseticky, L.); Lebeda, O (Lebeda, O.)

Source: RADIOCHIMICA ACTA **Volume:** 97 **Issue:** 12 **Pages:** 747-752 **DOI:** 10.1524/ract.2009.1669 **Published:** 2009

Accession Number: WOS:000273180400011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Kozempel, Jan	J-1088-2019	0000-0002-6315-9225
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Kucka, Jan	G-7884-2014	
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225

ISSN: 0033-8230

Record 1 of 4

Title: Synthesis and Characterization of Theranostic Poly(HPMA)-c(RGDyK)-DOTA-Cu-64 Copolymer Targeting Tumor Angiogenesis: Tumor Localization Visualized by Positron Emission Tomography

Author(s): Yuan, JC (Yuan, Jianchao); Zhang, HY (Zhang, Haiyuan); Kaur, H (Kaur, Harpreet); Oupicky, D (Oupicky, David); Peng, FY (Peng, Fangyu)

Source: MOLECULAR IMAGING **Volume:** 12 **Issue:** 3 **DOI:** 10.2310/7290.2012.00038 **Published:** MAY 2013

Accession Number: WOS:000336723700001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Peng, Fangyu	D-1079-2015	0000-0002-3142-3845
Zhang, Haiyuan	D-2095-2012	
Zhang, Haiyuan	F-4176-2015	

Record 2 of 4

Title: Novel Polymeric Nanoparticles Assembled by Metal Ion Addition

Author(s): Skodova, M (Skodova, Michaela); Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Karlsson, G (Karlsson, Goran); Mackova, H (Mackova, Hana); Spirkova, M (Spirkova, Milena); Kankova, D (Kankova, Dana); Steinhart, M (Steinhart, Milos); Stepanek, P (Stepanek, Petr); Ulbrich, K (Ulbrich, Karel)

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS **Volume:** 212 **Issue:** 21 **Pages:** 2339-2348 **DOI:** 10.1002/macp.201100431 **Published:** NOV 1 2011

Accession Number: WOS:000297411600006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Skodova, Michaela	I-7597-2014	
Hruby, Martin	H-6479-2014	
Spirkova, Milena	H-4609-2014	
Mackova, Hana	G-3247-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Ulbrich, Karel	G-5145-2014	
Steinhart, Milos	H-6968-2014	

ISSN: 1022-1352

Record 3 of 4

Title: Radiochemistry

Author(s): Urch, DS (Urch, David S.)

Edited by: Berry FJ; Hope EG

Source: ANNUAL REPORTS ON THE PROGRESS OF CHEMISTRY, SECTION A: INORGANIC CHEMISTRY, VOL 107 **Book Series:** Annual Reports on the Progress of Chemistry Section A-Inorganic Chemistry **Volume:** 107 **Pages:** 519-538 **DOI:** 10.1039/clc90013g **Published:** 2011

Accession Number: WOS:000337482700035

ISSN: 0260-1818

Record 4 of 4

Title: Radiochemistry

Author(s): Urch, DS (Urch, David S.)

Edited by: Berry FJ; Hope EG

Source: ANNUAL REPORTS ON THE PROGRESS OF CHEMISTRY, SECTION A: INORGANIC CHEMISTRY, VOL 106 **Book Series:** Annual Reports on the Progress of Chemistry Section A-Inorganic Chemistry **Volume:** 106 **Pages:** 458-480 **DOI:** 10.1039/b920669h **Published:** 2010

Accession Number: WOS:000337478600030

ISSN: 0260-1818

Publication No 79 of 132

Title: Extremely rapid isotropic irradiation of nanoparticles with ions generated in situ by a nuclear reaction

Author(s): Havlik, J (Havlik, Jan); Petrakova, V (Petrakova, Vladimira); Kucka, J (Kucka, Jan); Raabova, H (Raabova, Helena); Panek, D (Panek, Dalibor); Stepan, V (Stepan, Vaclav); Cilova, ZZ (Cilova, Zuzana Zlamalova); Reineck, P (Reineck, Philipp); Stursa, J (Stursa, Jan); Kucera, J (Kucera, Jan); Hruby, M (Hruby, Martin); Cigler, P (Cigler, Petr)

Source: NATURE COMMUNICATIONS **Volume:** 9 **Article Number:** 4467 **DOI:** 10.1038/s41467-018-06789-8 **Published:** OCT 26 2018

Accession Number: WOS:000448414100017

PubMed ID: 30367036

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucera, Jan	G-8507-2014	

Havlik, Jan	H-1522-2012	0000-0001-7059-8720
Kucka, Jan	G-7884-2014	
Cigler, Petr	B-1142-2012	
Hruby, Martin	H-6479-2014	
Stursa, Jan	G-7950-2014	
Stepan, Vaclav	G-7865-2014	0000-0002-7696-2877
Reineck, Philipp	N-4801-2014	0000-0003-1549-937X

ISSN: 2041-1723

Record 1 of 3

Title: Quantum Sensing in a Physiological-Like Cell Niche Using Fluorescent Nanodiamonds Embedded in Electrospun Polymer Nanofibers

Author(s): Price, JC (Price, Joshua C.); Levett, SJ (Levett, Simon J.); Radu, V (Radu, Valentin); Simpson, DA (Simpson, David A.); Barcons, AM (Barcons, Aina Mogas); Adams, CF (Adams, Christopher F.); Mather, ML (Mather, Melissa L.)

Source: SMALL **Volume:** 15 **Issue:** 22 **Article Number:** 1900455 **DOI:** 10.1002/sml.201900455 **Published:** MAY 2019

Accession Number: WOS:000470928000014

PubMed ID: 31012244

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mather, Melissa		0000-0002-5551-1321

ISSN: 1613-6810

eISSN: 1613-6829

Record 2 of 3

Title: Not All Fluorescent Nanodiamonds Are Created Equal: A Comparative Study

Author(s): Reineck, P (Reineck, Philipp); Trindade, LF (Trindade, Leevan Fremiot); Havlik, J (Havlik, Jan); Stursa, J (Stursa, Jan); Heffernan, A (Heffernan, Ashleigh); Elbourne, A (Elbourne, Aaron); Orth, A (Orth, Antony); Capelli, M (Capelli, Marco); Cigler, P (Cigler, Petr); Simpson, DA (Simpson, David A.); Gibson, BC (Gibson, Brant C.)

Source: PARTICLE & PARTICLE SYSTEMS CHARACTERIZATION **Volume:** 36 **Issue:** 3 **Article Number:** 1900009 **DOI:** 10.1002/ppsc.201900009 **Published:** MAR 2019

Accession Number: WOS:000461878400001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Simpson, David		0000-0002-9768-7413
Simpson, David		0000-0001-9056-2469
Reineck, Philipp	N-4801-2014	0000-0003-1549-937X
Elbourne, Aaron		0000-0002-4472-4372

ISSN: 0934-0866

eISSN: 1521-4117

Record 3 of 3

Title: Increased nitrogen-vacancy centre creation yield in diamond through electron beam irradiation at high temperature

Author(s): Capelli, M (Capelli, M.); Heffernan, AH (Heffernan, A. H.); Ohshima, T (Ohshima, T.); Abe, H (Abe, H.); Jeske, J (Jeske, J.); Hope, A (Hope, A.); Greentree, AD (Greentree, A. D.); Reineck, P (Reineck, P.); Gibson, BC (Gibson, B. C.)

Source: CARBON **Volume:** 143 **Pages:** 714-719 **DOI:** 10.1016/j.carbon.2018.11.051 **Published:** MAR 2019

Accession Number: WOS:000456710500076

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Reineck, Philipp	N-4801-2014	0000-0002-8353-8492
		0000-0003-1549-937X

ISSN: 0008-6223

eISSN: 1873-3891

Publication No 80 of 132

Title: Biodegradable system for drug delivery of hydrolytically labile azanucleoside drugs

Author(s): Hruby, M (Hruby, Martin); Agrawal, K (Agrawal, Khushboo); Policianova, O (Policianova, Olivia); Brus, J (Brus, Jiri); Skopal, J (Skopal, Jan); Svec, P (Svec, Pavel); Otmar, M (Otmar, Miroslav); Dzubak, P (Dzubak, Petr); Stepanek, P (Stepanek, Petr); Hajduch, M (Hajduch, Marian)

Source: BIOMEDICAL PAPERS-OLOMOUC **Volume:** 160 **Issue:** 2 **Pages:** 222-230 **DOI:** 10.5507/bp.2016.013 **Published:** 2016

Accession Number: WOS:000379360500007

PubMed ID: 27003313

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hajduch, Marian	J-4015-2014	0000-0002-4834-908X
Dzubak, Petr	D-2175-2013	0000-0002-3098-5969
Svec, Pavel	E-5527-2013	0000-0002-6604-2815
Otmár, Miroslav	O-9556-2016	0000-0002-2532-1332
Kukackova, Olivia	G-5692-2014	
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Hruby, Martin	H-6479-2014	

ISSN: 1213-8118

eISSN: 1804-7521

Record 1 of 3

Title: Efficient Strategy for Determining the Atomic-Resolution Structure of Micro- and Nanocrystalline Solids within Polymeric Microbeads: Domain-Edited NMR Crystallography

Author(s): Brus, J (Brus, Jiri); Czernek, J (Czernek, Jiri); Hruby, M (Hruby, Martin); Svec, P (Svec, Pavel); Kobera, L (Kobera, Libor); Abbrent, S (Abrent, Sabina); Urbanova, M (Urbanova, Martina)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 14 **Pages:** 5364-5374 **DOI:** 10.1021/acs.macromol.8b00392 **Published:** JUL 24 2018

Accession Number: WOS:000440105200035

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Hruby, Martin	H-6479-2014	
Urbanova, Martina	G-9793-2014	0000-0003-1316-6395
Kobera, Libor	G-5237-2014	0000-0002-8826-948X
Czernek, Jiri	H-6708-2014	
Hruby, Martin		0000-0002-5075-261X

ISSN: 0024-9297

eISSN: 1520-5835

Record 2 of 3

Title: Natural Resources and Waste Products in Aquatic Media Remediation and Diclofenac Uptake

Author(s): Chmielewska, E (Chmielewska, Eva); Hawash, HBI (Hawash, Hamada B. I.); Gorova, R (Gorova, Renata); Kovalakova, M (Kovalakova, Maria); Majzlan, J (Majzlan, Juraj); Sasinkova, V (Sasinkova, Vlasta); Hudec, P (Hudec, Pavol)

Source: CURRENT GREEN CHEMISTRY **Volume:** 5 **Issue:** 2 **Pages:** 113-120 **DOI:** 10.2174/2213346105666180622125344 **Published:** 2018

Accession Number: WOS:000441098600005

ISSN: 2213-3461

eISSN: 2213-347X

Record 3 of 3

Title: Predicting the Crystal Structure of Decitabine by Powder NMR Crystallography: Influence of Long-Range Molecular Packing Symmetry on NMR Parameters

Author(s): Brus, J (Brus, Jiri); Czernek, J (Czernek, Jiri); Kobera, L (Kobera, Libor); Urbanova, M (Urbanova, Martina); Abbrent, S (Abrent, Sabina); Husak, M (Husak, Michal)

Source: CRYSTAL GROWTH & DESIGN **Volume:** 16 **Issue:** 12 **Pages:** 7102-7111 **DOI:** 10.1021/acs.cgd.6b01341 **Published:** DEC 2016

Accession Number: WOS:000389624200050

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Urbanova, Martina G-9793-2014
Abbrent, Sabina M-9812-2014
ISSN: 1528-7483
eISSN: 1528-7505

0000-0003-1316-6395
0000-0003-4228-4059

Publication No 81 of 132

Title: Supramolecular Structures and Self-Association Processes in Polymer Systems

Author(s): Hruby, M (Hruby, M.); Filippov, SK (Filippov, S. K.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S165-S178 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800003

PubMed ID: 27762583

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Hruby, Martin	H-6479-2014	

ISSN: 0862-8408

eISSN: 1802-9973

Record 1 of 3

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0968-5243

eISSN: 1352-8661

Record 2 of 3

Title: Drug Carriers With Star Polymer Structures

Author(s): Kotrchova, L (Kotrchova, L.); Kostka, L (Kostka, L.); Etrych, T (Etrych, T.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 67 **Pages:** S293-S303 **Supplement:** 2 **Published:** 2018

Accession Number: WOS:000450606900004

PubMed ID: 30379551

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kotrchova, Lenka	N-7510-2015	
Kostka, Libor	O-4694-2019	0000-0002-7770-1855
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Kostka, Libor	H-4182-2014	0000-0002-7770-1855

ISSN: 0862-8408

eISSN: 1802-9973

Record 3 of 3

Title: Self-assembly in Polymer Systems Inspired by Living Nature

Author(s): Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 294-300 **Published:** 2018

Accession Number: WOS:000433031600002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Publication No 82 of 132

Title: A Novel Nanoprobe for Multimodal Imaging Is Effectively Incorporated into Human Melanoma Metastatic Cell Lines

Author(s): Aasen, SN (Aasen, Synnove Nymark); Pospisilova, A (Pospisilova, Aneta); Eichler, TW (Eichler, Tilo Wolf); Panek, J (Panek, Jiri); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Spriet, E (Spriet, Endy); Jirak, D (Jirak, Daniel); Skaftnesmo, KO (Skaftnesmo, Kai Ove); Thorsen, F (Thorsen, Frits)

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES **Volume:** 16 **Issue:** 9 **Pages:** 21658-21680 **DOI:** 10.3390/ijms160921658 **Published:** SEP 2015

Accession Number: WOS:000364541000084

PubMed ID: 26370983

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Jirak, Daniel	Q-5357-2017	0000-0001-6834-3462

ISSN: 1422-0067

Record 1 of 3

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0968-5243
eISSN: 1352-8661

Record 2 of 3

Title: Glycogen-nucleic acid constructs for gene silencing in multicellular tumor spheroids

Author(s): Wojnilowicz, M (Wojnilowicz, Marcin); Besford, QA (Besford, Quinn A.); Wu, YL (Wu, Yun-Long); Loh, XJ (Loh, Xian Jun); Braunger, JA (Braunger, Julia A.); Glab, A (Glab, Agata); Cortez-Jugo, C (Cortez-Jugo, Christina); Caruso, F (Caruso, Frank); Cavalieri, F (Cavalieri, Francesca)

Source: BIOMATERIALS **Volume:** 176 **Pages:** 34-49 **DOI:** 10.1016/j.biomaterials.2018.05.024 **Published:** SEP 2018

Accession Number: WOS:000437038400004

PubMed ID: 29857273

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Wu, Yun-Long	J-2769-2019	0000-0001-6426-6340
Caruso, Frank	A-9587-2011	0000-0002-0197-497X
Loh, Xian Jun	H-6260-2013	0000-0001-8118-6502
Cortez-Jugo, Christina		0000-0001-5341-175X
CAVALIERI, FRANCESCA	Q-1982-2015	0000-0001-5391-5069

ISSN: 0142-9612

eISSN: 1878-5905

Record 3 of 3**Title:** Intracellular Fate of Polymer Therapeutics Investigated by Fluorescence Lifetime Imaging and Fluorescence Pattern Analysis**Author(s):** Panek, J (Panek, J.); Koziolova, E (Koziolova, E.); Stepanek, P (Stepanek, P.); Etrych, T (Etrych, T.); Janouskova, O (Janouskova, O.)**Source:** PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S217-S224 **Supplement:** 2 **Published:** 2016**Accession Number:** WOS:000386686800007**PubMed ID:** 27762587

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Panek, Jiri	H-7129-2014	
Etrych, Tomas	G-3420-2014	0000-0001-5908-5182
Koziolova, Eva	N-7265-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0862-8408**eISSN:** 1802-9973**Publication No 83 of 132****Title:** Collective polyelectrolyte diffusion as a function of counterion size and dielectric constant**Author(s):** Filippov, SK (Filippov, Sergey K.); Seery, TAP (Seery, Thomas A. P.); Kriz, J (Kriz, Jaroslav); Hruby, M (Hruby, Martin); Cernoch, P (Cernoch, Peter); Sedlacek, O (Sedlacek, Ondrej); Kadlec, P (Kadlec, Petr); Panek, J (Panek, Jiri); Stepanek, P (Stepanek, Petr)**Source:** POLYMER INTERNATIONAL **Volume:** 62 **Issue:** 9 **Pages:** 1271-1276 **DOI:** 10.1002/pi.4410 **Published:** SEP 2013**Accession Number:** WOS:000322580300002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Kriz, Jaroslav	H-7510-2014	
Cernoch, Peter	H-6988-2014	
Panek, Jiri	H-7129-2014	
Hruby, Martin	H-6479-2014	
Kadlec, Petr	G-8988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0959-8103**Record 1 of 3****Title:** Thermodynamics of the multi-stage self-assembly of pH-sensitive gradient copolymers in aqueous solutions**Author(s):** Cernochova, Z (Cernochova, Zulfiya); Bogomolova, A (Bogomolova, Anna); Borisova, OV (Borisova, Olga V.); Filippov, SK (Filippov, Sergey K.); Cernoch, P (Cernoch, Peter); Billon, L (Billon, Laurent); Borisov, OV (Borisov, Oleg V.); Stepanek, P (Stepanek, Petr)**Source:** SOFT MATTER **Volume:** 12 **Issue:** 32 **Pages:** 6788-6798 **DOI:** 10.1039/c6sm01105e **Published:** 2016**Accession Number:** WOS:000382112600009**PubMed ID:** 27451979

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bogomolova, Anna	O-2982-2016	
Cernoch, Peter	H-6988-2014	
Cernochova, Zulfiya	H-6730-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Borisov, Oleg	I-5177-2017	

ISSN: 1744-683X**eISSN:** 1744-6848

Record 2 of 3

Title: Rheological behavior and molecular relaxation of polycations with macrocounterions in aqueous solutions

Author(s): Ye, YL (Ye, Yilan); Yonggang, SG (Yonggang, Shangguan); Zheng, Q (Zheng, Qiang)

Source: POLYMER CHEMISTRY **Volume:** 7 **Issue:** 1 **Pages:** 89-100 **DOI:** 10.1039/c5py01022e **Published:** 2016

Accession Number: WOS:000366863100010

ISSN: 1759-9954

eISSN: 1759-9962

Record 3 of 3

Title: Self-Assembly Thermodynamics of pH-Responsive Amino-Acid-Based Polymers with a Nonionic Surfactant

Author(s): Bogomolova, A (Bogomolova, Anna); Keller, S (Keller, Sandro); Klingler, J (Klingler, Johannes); Sedlak, M (Sedlak, Marian); Rak, D (Rak, Dmytro); Sturcova, A (Sturcova, Adriana); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr); Filippov, SK (Filippov, Sergey K.)

Source: LANGMUIR **Volume:** 30 **Issue:** 38 **Pages:** 11307-11318 **DOI:** 10.1021/la5031262 **Published:** SEP 30 2014

Accession Number: WOS:000342607000008

PubMed ID: 25192406

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bogomolova, Anna	O-2982-2016	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Keller, Sandro	G-7202-2016	0000-0001-5469-8772
Sturcova, Adriana	G-7316-2014	
Hruby, Martin	H-6479-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076
Rak, Dmytro		0000-0001-7531-7772
Sedlak, Marian		0000-0003-2951-2846

ISSN: 0743-7463

Publication No 84 of 132

Title: Affinity chromatography of porcine pepsin A using quinolin-8-ol as ligand

Author(s): Novotna, L (Novotna, L); Hruby, M (Hruby, M); Benes, MJ (Benes, MJ); Kuceroval, Z (Kuceroval, Z)

Source: JOURNAL OF CHROMATOGRAPHY A **Volume:** 1084 **Issue:** 1-2 **Pages:** 108-112 **DOI:** 10.1016/j.chroma.2004.10.058 **Published:** AUG 19 2005

Accession Number: WOS:000230862600017

PubMed ID: 16114243

Conference Title: 12th International Symposium on Advances and Applications of Chromatography in Industry

Conference Date: JUN 28-JUL 01, 2004

Conference Location: Slovak Tech Univ, Fac Chem & Food Technol, Bratislava, SLOVAKIA

Conference Sponsors: Minist Educ, Comenius Univ, Fac Nat Sci, Slovak Acad Sci, Polymer Inst, Slovak Chem Soc, Slovak Soc Ind Chem

Conference Host: Slovak Tech Univ, Fac Chem & Food Technol

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Benes, Milan	H-6778-2014	

ISSN: 0021-9673

Record 1 of 3

Title: Protein Binding-Induced Surfactant Aggregation Variation: A New Strategy of Developing Fluorescent Aqueous Sensor for Proteins

Author(s): Hu, WT (Hu, Wenting); Ding, LP (Ding, Liping); Cao, JH (Cao, Jianhua); Liu, LL (Liu, Lili); Wei, YT (Wei, Yuting); Fang, Y (Fang, Yu)

Source: ACS APPLIED MATERIALS & INTERFACES **Volume:** 7 **Issue:** 8 **Pages:** 4728-4736 **DOI:** 10.1021/am508421n **Published:** MAR 4 2015

Accession Number: WOS:000353005300035

PubMed ID: 25664917

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Fang, Yu	C-3120-2017	
Ding, Liping	C-3682-2017	0000-0002-1010-6066

ISSN: 1944-8244

Record 2 of 3

Title: Scissor-based fluorescent detection of pepsin using lysozyme-stabilized Au nanoclusters

Author(s): Li, W (Li, Wei); Gao, Z (Gao, Zhao); Su, RX (Su, Rongxin); Qi, W (Qi, Wei); Wang, LB (Wang, Libing); He, ZM (He, Zhimin)

Source: ANALYTICAL METHODS **Volume:** 6 **Issue:** 17 **Pages:** 6789-6795 **DOI:** 10.1039/c4ay00983e **Published:** SEP 7 2014

Accession Number: WOS:000340981600023

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Qi, Wei	I-2550-2018	
Su, Rongxin	B-6634-2014	0000-0001-9778-9113

ISSN: 1759-9660
eISSN: 1759-9679

Record 3 of 3

Title: Effect of the matrix structure and concentration of polymer-immobilized Ni²⁺-iminodiacetic acid complexes on retention of IgG(1)

Author(s): Kracalikova, K (Kracalikova, K); Tishchenko, G (Tishchenko, G); Bleha, M (Bleha, M)

Source: JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS **Volume:** 67 **Issue:** 1 **Pages:** 7-25 **DOI:** 10.1016/j.jbbm.2005.04.010 **Published:** APR 30 2006

Accession Number: WOS:000236812300002

PubMed ID: 16466797

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bleha, Miroslav	I-1980-2014	

ISSN: 0165-022X

Publication No 85 of 132

Title: Bifunctional ion exchange resin with thiol and quaternary ammonium groups for the sorption of arsenate

Author(s): Hruby, M (Hruby, M); Korostyatsynets, V (Korostyatsynets, V); Benes, MJ (Benes, MJ); Matejka, Z (Matejka, Z)

Source: COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS **Volume:** 68 **Issue:** 11 **Pages:** 2159-2170 **DOI:** 10.1135/cccc20032159 **Published:** 2003

Accession Number: WOS:000186148900008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Benes, Milan	H-6778-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0010-0765

Record 1 of 3

Title: Telechelic polymers by living and controlled/living polymerization methods

Author(s): Tasdelen, MA (Tasdelen, Mehmet Atilla); Kahveci, MU (Kahveci, Muhammet U.); Yagci, Y (Yagci, Yusuf)

Source: PROGRESS IN POLYMER SCIENCE **Volume:** 36 **Issue:** 4 **Special Issue:** SI **Pages:** 455-567 **DOI:** 10.1016/j.progpolymsci.2010.10.002 **Published:** APR 2011

Accession Number: WOS:000289130400001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kahveci, Muhammet	A-8907-2010	
Tasdelen, Mehmet Atilla	B-8338-2008	0000-0002-7012-7029
Ahmed, Mukhtar	G-7346-2012	0000-0002-7223-5541
Kahveci, Muhammet		0000-0001-7287-6181
tasdelen, mehmet atilla		0000-0002-1234-3364

ISSN: 0079-6700

Record 2 of 3

Title: Thermal stability of reversible addition-fragmentation chain transfer/macromolecular architecture design by interchange of xanthates chain-transfer agents

Author(s): Legge, TM (Legge, Thomas M.); Slark, AT (Slark, Andrew T.); Perrier, S (Perrier, Sebastien)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 44 **Issue:** 24 **Pages:** 6980-6987 **DOI:** 10.1002/pola.21803 **Published:** DEC 15 2006

Accession Number: WOS:000242467300007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Perrier, Sebastien		0000-0001-5055-9046

ISSN: 0887-624X

Record 3 of 3

Title: Macromolecular design via reversible addition-fragmentation chain transfer (RAFT)/Xanthates (MADIX) polymerization

Author(s): Perrier, S (Perrier, S); Takolpuckdee, P (Takolpuckdee, P)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY **Volume:** 43 **Issue:** 22 **Pages:** 5347-5393 **DOI:** 10.1002/pola.20986 **Published:** NOV 15 2005

Accession Number: WOS:000232954200001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Perrier, Sebastien		0000-0001-5055-9046

ISSN: 0887-624X

Publication No 86 of 132

Title: F-19 Magnetic Resonance Imaging of Injectable Polymeric Implants with Multiresponsive Behavior

Author(s): Sedlacek, O (Sedlacek, Ondrej); Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Jager, E (Jager, Eliezer); Laaser, JE (Laaser, Jennifer E.); Lodge, TP (Lodge, Timothy P.); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: CHEMISTRY OF MATERIALS **Volume:** 30 **Issue:** 15 **Pages:** 4892-4896 **DOI:** 10.1021/acs.chemmater.8b02115 **Published:** AUG 14 2018

Accession Number: WOS:000442186500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Hruby, Martin		0000-0002-5075-261X

ISSN: 0897-4756

eISSN: 1520-5002

Record 1 of 2

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Hruby, Martin H-6479-2014

ISSN: 0968-5243

eISSN: 1352-8661

Record 2 of 2

Title: Straightforward Route to Superhydrophilic Poly(2-oxazoline)s via Acylation of Well-Defined Polyethylenimine

Author(s): Sedlacek, O (Sedlacek, Ondrej); Janouskova, O (Janouskova, Olga); Verbraeken, B (Verbraeken, Bart); Hoogenboom, R (Hoogenboom, Richard)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 1 **Pages:** 222-230 **DOI:** 10.1021/acs.biomac.8b01366 **Published:** JAN 2019

Accession Number: WOS:000456349600019

PubMed ID: 30512933

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687

ISSN: 1525-7797

eISSN: 1526-4602

Publication No 87 of 132

Title: Efficient Strategy for Determining the Atomic-Resolution Structure of Micro- and Nanocrystalline Solids within Polymeric Microbeads: Domain-Edited NMR Crystallography

Author(s): Brus, J (Brus, Jiri); Czernek, J (Czernek, Jiri); Hruby, M (Hruby, Martin); Svec, P (Svec, Pavel); Kobera, L (Kobera, Libor); Abbrent, S (Abbreht, Sabina); Urbanova, M (Urbanova, Martina)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 14 **Pages:** 5364-5374 **DOI:** 10.1021/acs.macromol.8b00392 **Published:** JUL 24 2018

Accession Number: WOS:000440105200035

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kobera, Libor	G-5237-2014	0000-0002-8826-948X
Hruby, Martin	H-6479-2014	
Czernek, Jiri	H-6708-2014	
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Urbanova, Martina	G-9793-2014	0000-0003-1316-6395
Abbreht, Sabina	M-9812-2014	
Hruby, Martin		0000-0002-5075-261X
Abbreht, Sabina		0000-0003-4228-4059

ISSN: 0024-9297

eISSN: 1520-5835

Record 1 of 2

Title: Exploring Accuracy Limits of Predictions of the H-1 NMR Chemical Shielding Anisotropy in the Solid State

Author(s): Czernek, J (Czernek, Jiri); Brus, J (Brus, Jiri)

Source: MOLECULES **Volume:** 24 **Issue:** 9 **DOI:** 10.3390/molecules24091731 **Published:** MAY 1 2019

Accession Number: WOS:000469518100090

PubMed ID: 31058873

ISSN: 1420-3049

Record 2 of 2

Title: NMR Crystallography of the Polymorphs of Metergoline

Author(s): Czernek, J (Czernek, Jiri); Urbanova, M (Urbanova, Martina); Brus, J (Brus, Jiri)

Source: CRYSTALS **Volume:** 8 **Issue:** 10 **Article Number:** 378 **DOI:** 10.3390/cryst8100378 **Published:** OCT 2018

Accession Number: WOS:000448550400012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Urbanova, Martina	G-9793-2014	0000-0003-1316-6395
Czernek, Jiri	H-6708-2014	
Brus, Jiri	G-3459-2014	0000-0003-2692-612X

ISSN: 2073-4352

Publication No 88 of 132

Title: Poly(ethylene oxide monomethyl ether)-block-poly(propylene succinate) Nanoparticles: Synthesis and Characterization, Enzymatic and Cellular Degradation, Micellar Solubilization of Paclitaxel, and in Vitro and in Vivo Evaluation

Author(s): Jager, A (Jager, Alessandro); Jager, E (Jager, Eliezer); Syrova, Z (Syrova, Zdenka); Mazel, T (Mazel, Tomas); Kovacik, L (Kovacik, Lubomir); Raska, I (Raska, Ivan); Hocherl, A (Hocherl, Anita); Kucka, J (Kucka, Jan); Konefal, R (Konefal, Rafal); Humajova, J (Humajova, Jana); Pouckova, P (Pouckova, Pavla); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 19 **Issue:** 7 **Pages:** 2443-2458 **DOI:** 10.1021/acs.biomac.8b00048 **Published:** JUL 2018

Accession Number: WOS:000438470800009

PubMed ID: 29601729

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jager, Alessandro	D-8647-2016	
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Hocherl, Anita	G-6222-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 1525-7797

eISSN: 1526-4602

Record 1 of 2

Title: Selectively Biodegradable Polyesters: Nature-Inspired Construction Materials for Future Biomedical Applications

Author(s): Urbanek, T (Urbanek, Tomas); Jager, E (Jaeger, Eliezer); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin)

Source: POLYMERS **Volume:** 11 **Issue:** 6 **Article Number:** 1061 **DOI:** 10.3390/polym11061061 **Published:** JUN 2019

Accession Number: WOS:000473819100133

PubMed ID: 31248100

eISSN: 2073-4360

Record 2 of 2

Title: Revisiting the mechanistic pathways for bacterial mediated synthesis of noble metal nanoparticles

Author(s): Ali, J (Ali, Jafar); Ali, N (Ali, Naeem); Wang, L (Wang, Lei); Waseem, H (Waseem, Hassan); Pan, G (Pan, Gang)

Source: JOURNAL OF MICROBIOLOGICAL METHODS **Volume:** 159 **Pages:** 18-25 **DOI:** 10.1016/j.mimet.2019.02.010 **Published:** APR 2019

Accession Number: WOS:000465050500004

PubMed ID: 30797020

ISSN: 0167-7012

eISSN: 1872-8359

Publication No 89 of 132

Title: Glucocorticoids Reduce Aberrant O-Glycosylation of IgA1 in IgA Nephropathy Patients

Author(s): Kosztyu, P (Kosztyu, Petr); Hill, M (Hill, Martin); Jemelkova, J (Jemelkova, Jana); Czernekova, L (Czernekova, Lydie); Kafkova, LR (Kafkova, Leona Raskova); Hruby, M (Hruby, Miroslav); Matousovic, K (Matousovic, Karel); Vondrak, K (Vondrak, Karel); Zadrazil, J (Zadrazil, Josef); Sterzl, I (Sterzl, Ivan); Mestecky, J (Mestecky, Jiri); Raska, M (Raska, Milan)

Source: KIDNEY & BLOOD PRESSURE RESEARCH **Volume:** 43 **Issue:** 2 **Pages:** 350-359 **DOI:** 10.1159/000487903 **Published:** 2018

Accession Number: WOS:000434716500005

PubMed ID: 29529610

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Raska, Milan	E-9813-2013	0000-0002-8572-7246
Hill, Martin		0000-0002-1705-0835

ISSN: 1420-4096

eISSN: 1423-0143

Record 1 of 2

Title: T cells in IgA nephropathy: role in pathogenesis, clinical significance and potential therapeutic target

Author(s): Ruszkowski, J (Ruszkowski, Jakub); Lisowska, KA (Lisowska, Katarzyna A.); Pindel, M (Pindel, Malgorzata); Heleniak, Z (Heleniak, Zbigniew); Debska-Slizien, A (Debska-Slizien, Alicja); Witkowski, JM (Witkowski, Jacek M.)

Source: CLINICAL AND EXPERIMENTAL NEPHROLOGY **Volume:** 23 **Issue:** 3 **Pages:** 291-303 **DOI:** 10.1007/s10157-018-1665-0 **Published:** MAR 2019

Accession Number: WOS:000460115600001

PubMed ID: 30406499

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ruszkowski, Jakub		0000-0002-9666-9627
Lisowska, Katarzyna		0000-0002-6086-0024

ISSN: 1342-1751

eISSN: 1437-7799

Record 2 of 2

Title: Analysis of the relationship between Oxford classification, IgM deposition and multiple indexes and the adverse prognosis of patients with primary IgA nephropathy and related risk factors

Author(s): Hao, Y (Hao, Yan); Zhao, YL (Zhao, Yuliang); Huang, RS (Huang, Rongshuang); Fu, P (Fu, Ping)

Source: EXPERIMENTAL AND THERAPEUTIC MEDICINE **Volume:** 17 **Issue:** 2 **Pages:** 1234-1239 **DOI:** 10.3892/etm.2018.7050 **Published:** FEB 2019

Accession Number: WOS:000455641300036

PubMed ID: 30679997

ISSN: 1792-0981

eISSN: 1792-1015

Publication No 90 of 132

Title: Targeted polymeric drug carriers in the therapy of Tumor diseases

Author(s): Hruby, M (Hruby, M); Kucka, J (Kucka, J); Kozempel, J (Kozempel, J); Lebeda, O (Lebeda, O)

Source: CHEMICKE LISTY **Volume:** 100 **Issue:** 1 **Pages:** 10-16 **Published:** 2006

Accession Number: WOS:000234992900003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kozempel, Jan	E-2281-2011	0000-0002-6315-9225
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0009-2770

Record 1 of 2

Title: Lectinomics: A Tool in Clinical Diagnostics

Author(s): Bertok, T (Bertok, Tomas); Sefcovicova, J (Sefcovicova, Jana); Gemeiner, P (Gemeiner, Peter); Tkac, J (Tkac, Jan)

Source: CHEMICKE LISTY **Volume:** 106 **Issue:** 1 **Pages:** 20-26 **Published:** 2012

Accession Number: WOS:000299579700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Tkac, Jan		0000-0002-0765-7262
Bertok, Tomas		0000-0001-7075-2687

ISSN: 0009-2770

Record 2 of 2

Title: Thermoresponsive polymers - From laboratory curiosity to advanced materials for medicinal applications

Author(s): Hruby, M (Hruby, Martin); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Lebeda, O (Lebeda, Ondrej); Ulbrich, K (Ulbrich, Karel)

Source: CHEMICKE LISTY **Volume:** 102 **Issue:** 1 **Pages:** 21-27 **Published:** 2008

Accession Number: WOS:000253252500004

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mackova, Hana	G-3247-2014	
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Ulbrich, Karel	G-5145-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339

ISSN: 0009-2770

Publication No 91 of 132

Title: Rifampicin Nanoformulation Enhances Treatment of Tuberculosis in Zebrafish

Author(s): Trousil, J (Trousil, Jiri); Syrova, Z (Syrova, Zdenka); Dal, NJK (Dal, Nils-Jorgen K.); Rak, D (Rak, Dmytro); Konefal, R (Konefal, Rafal); Pavlova, E (Pavlova, Ewa); Matejkova, J (Matejkova, Jana); Cmarko, D (Cmarko, Dusan); Kubickova, P (Kubickova, Pavla); Pavlis, O (Pavlis, Oto); Urbanek, T (Urbanek, Tomas); Sedlak, M (Sedlak, Marian); Fenaroli, F (Fenaroli, Federico); Raska, I (Raska, Ivan); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 4 **Pages:** 1798-1815 **DOI:** 10.1021/acs.biomac.9b00214 **Published:** APR 2019

Accession Number: WOS:000464248300033

PubMed ID: 30785284

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Rak, Dmytro		0000-0001-7531-7772

ISSN: 1525-7797

eISSN: 1526-4602

Record 1 of 1

Title: Selectively Biodegradable Polyesters: Nature-Inspired Construction Materials for Future Biomedical Applications

Author(s): Urbanek, T (Urbanek, Tomas); Jager, E (Jaeger, Eliezer); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin)

Source: POLYMERS **Volume:** 11 **Issue:** 6 **Article Number:** 1061 **DOI:** 10.3390/polym11061061 **Published:** JUN 2019

Accession Number: WOS:000473819100133

PubMed ID: 31248100

eISSN: 2073-4360

Publication No 92 of 132

Title: Interplay of Thermosensitivity and pH Sensitivity of Amphiphilic Block-Gradient Copolymers of Dimethylaminoethyl Acrylate and Styrene

Author(s): Rabyk, M (Rabyk, Mariia); Destephen, A (Destephen, Aurelie); Lapp, A (Lapp, Alain); King, S (King, Stephen); Noirez, L (Noirez, Laurence); Billon, L (Billon, Laurent); Hruby, M (Hruby, Martin); Borisov, O (Borisov, Oleg); Stepanek, P (Stepanek, Petr); Deniau, E (Deniau, Elise)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 14 **Pages:** 5219-5233 **DOI:** 10.1021/acs.macromol.8b00621 **Published:** JUL 24 2018

Accession Number: WOS:000440105200022

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Rabyk, Mariia	O-4625-2015	
King, Stephen M	A-1204-2014	0000-0003-3386-9151
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin		0000-0002-5075-261X

ISSN: 0024-9297

eISSN: 1520-5835

Record 1 of 2

Title: Gradient copolymer micelles: an introduction to structures as well as structural transitions

Author(s): Zheng, C (Zheng, Chao)

Source: SOFT MATTER **Volume:** 15 **Issue:** 27 **Pages:** 5357-5370 **DOI:** 10.1039/c9sm00880b **Published:** JUL 21 2019

Accession Number: WOS:000477949200001

PubMed ID: 31210242

ISSN: 1744-683X

eISSN: 1744-6848

Record 2 of 2

Title: Interlock or Chemical Bond: Investigation on the Interface of Graphene Oxide and Styrenic Block Copolymers as Layer-by-Layer Films

Author(s): Lei, K (Lei, Kun); Zhang, CD (Zhang, Chidao); Wang, XL (Wang, Xinling); Sun, YL (Sun, Yunlong); Xiao, HJ (Xiao, Haijun); Zheng, Z (Zheng, Zhen)

Source: ACS OMEGA **Volume:** 4 **Issue:** 5 **Pages:** 9120-9128 **DOI:** 10.1021/acsomega.9b00515 **Published:** MAY 2019

Accession Number: WOS:000470094000135

ISSN: 2470-1343

Publication No 93 of 132

Title: Fluorescence & bioluminescence in the quest for imaging, probing & analysis of mycobacterial infections

Author(s): Trousil, J (Trousil, Jiri); Ulmann, V (Ulmann, Vit); Hruby, M (Hruby, Martin)

Source: FUTURE MICROBIOLOGY **Volume:** 13 **Issue:** 8 **Pages:** 933-951 **DOI:**

10.2217/fmb-2017-0296 **Published:** JUN 2018

Accession Number: WOS:000437922900010

PubMed ID: 29893148

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247
Hruby, Martin	H-6479-2014	
Ulmann, Vit		0000-0002-5203-8276

ISSN: 1746-0913

eISSN: 1746-0921

Record 1 of 1

Title: Rifampicin Nanoformulation Enhances Treatment of Tuberculosis in Zebrafish

Author(s): Trousil, J (Trousil, Jiri); Syrova, Z (Syrova, Zdenka); Dal, NJK (Dal, Nils-Jorgen K.); Rak, D (Rak, Dmytro); Konefal, R (Konefal, Rafal); Pavlova, E (Pavlova, Ewa); Matejkova, J (Matejkova, Jana); Cmarko, D (Cmarko, Dusan); Kubickova, P (Kubickova, Pavla); Pavlis, O (Pavlis, Oto); Urbanek, T (Urbanek, Tomas); Sedlak, M (Sedlak, Marian); Fenaroli, F (Fenaroli, Federico); Raska, I (Raska, Ivan); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: BIOMACROMOLECULES **Volume:** 20 **Issue:** 4 **Pages:** 1798-1815 **DOI:** 10.1021/acs.biomac.9b00214 **Published:** APR 2019

Accession Number: WOS:000464248300033

PubMed ID: 30785284

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Pavlova, Ewa	H-6195-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Rak, Dmytro		0000-0001-7531-7772

ISSN: 1525-7797

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Publication No 94 of 132

Title: Mannan-based conjugates as a multimodal imaging platform for lymph nodes

Author(s): Rabyk, M (Rabyk, M.); Galisova, A (Galisova, A.); Jiratova, M (Jiratova, M.); Patsula, V (Patsula, V.); Srbova, L (Srbova, L.); Loukotova, L (Loukotova, L.); Parnica, J (Parnica, J.); Jirak, D (Jirak, D.); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: JOURNAL OF MATERIALS CHEMISTRY B **Volume:** 6 **Issue:** 17 **Pages:** 2584-2596 **DOI:** 10.1039/c7tb02888a **Published:** MAY 7 2018

Accession Number: WOS:000431421800011

Author Identifiers:

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Loukotova, Lenka	K-3599-2017	
Rabyk, Mariia	O-4625-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Patsula, Vitalii	O-4584-2015	
Hruby, Martin		0000-0002-5075-261X

ISSN: 2050-750X

eISSN: 2050-7518

Record 1 of 1

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author **Web of Science ResearcherID** **ORCID Number**
Hruby, Martin H-6479-2014

ISSN: 0968-5243

eISSN: 1352-8661

Publication No 95 of 132

Title: Biopolymer strategy for the treatment of Wilson's disease

Author(s): Vetrik, M (Vetrik, Miroslav); Mattova, J (Mattova, Jana); Mackova, H (Mackova, Hana); Kucka, J (Kucka, Jan); Pouckova, P (Pouckova, Pavla); Kukackova, O (Kukackova, Olivia); Brus, J (Brus, Jiri); Eigner-Henke, S (Eigner-Henke, Sebastian); Sedlacek, O (Sedlacek, Ondrej); Sefc, L (Sefc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 273 **Pages:** 131-138 **DOI:** 10.1016/j.jconrel.2018.01.026 **Published:** MAR 10 2018

Accession Number: WOS:000426298100011

PubMed ID: 29407674

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Vetrik, Miroslav	G-3495-2014	
Kukackova, Olivia	G-5692-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Sefc, Ludek	J-1848-2014	0000-0003-2846-220X
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Mackova, Hana	G-3247-2014	

ISSN: 0168-3659

eISSN: 1873-4995

Record 1 of 1

Title: Structural Characterization of the New Generation of Drugs and Biomaterials: Application of NMR Crystallography

Author(s): Urbanova, M (Urbanova, Martina); Czernek, J (Czernek, Jiri); Brus, J (Brus, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 522-530 **Published:** 2018

Accession Number: WOS:000441289700006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Urbanova, Martina	G-9793-2014	0000-0003-1316-6395
Czernek, Jiri	H-6708-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 96 of 132

Title: Tungsten (VI) based "molecular puzzle" photoluminescent nanoparticles easily covered with biocompatible natural polysaccharides via direct chelation

Author(s): Lobaz, V (Lobaz, Volodymyr); Hladik, M (Hladik, Martin); Steinhart, M (Steinhart, Milos); Paruzel, A (Paruzel, Aleksandra); Cernoch, P (Cernoch, Peter); Panek, J (Panek, Jiri); Vetrik, M (Vetrik, Miroslav); Jirak, D (Jirak, Daniel); Jiratova, M (Jiratova, Marketa); Pop-Georgievski, O (Pop-Georgievski, Ognen); Slouf, M (Slouf, Miroslav); Garcia-Argote, S (Garcia-Argote, Sebastien); Pieters, G (Pieters, Gregory); Doris, E (Doris, Eric); Hruby, M (Hruby, Martin)

Source: JOURNAL OF COLLOID AND INTERFACE SCIENCE **Volume:** 512 **Pages:** 308-317 **DOI:** 10.1016/j.jcis.2017.10.056 **Published:** FEB 15 2018

Accession Number: WOS:000418729500034

PubMed ID: 29078182

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Vetrik, Miroslav	G-3495-2014	
doris, eric	V-2673-2019	0000-0003-1318-602X
Lobaz, Volodymyr	N-5149-2015	0000-0003-0479-2837
Cernoch, Peter	H-6988-2014	
Hruby, Martin	H-6479-2014	
Steinhart, Milos	H-6968-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Panek, Jiri	H-7129-2014	
Pop-Georgievski, Ognen	G-3498-2014	0000-0001-7938-9271

ISSN: 0021-9797

eISSN: 1095-7103

Record 1 of 1

Title: Preparation, physicochemical property and in vitro antioxidant activity of zinc-Hohenbuehelia serotina polysaccharides complex

Author(s): Wang, L (Wang, Lu); Li, XY (Li, Xiaoyu)

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 121 **Pages:** 862-869 **DOI:** 10.1016/j.ijbiomac.2018.10.118 **Published:** JAN 2019

Accession Number: WOS:000452346100098

PubMed ID: 30342126

ISSN: 0141-8130

eISSN: 1879-0003

Publication No 97 of 132

Title: Biological characterization of a novel hybrid copolymer carrier system based on glycogen

Author(s): Jiratova, M (Jiratova, Marketa); Pospisilova, A (Pospisilova, Aneta); Rabyk, M (Rabyk, Maria); Parizek, M (Parizek, Martin); Kovar, J (Kovar, Jan); Galisova, A (Galisova, Andrea); Hruby, M (Hruby, Martin); Jirak, D (Jirak, Daniel)

Source: DRUG DELIVERY AND TRANSLATIONAL RESEARCH **Volume:** 8 **Issue:** 1 **Pages:** 73-82 **DOI:** 10.1007/s13346-017-0436-x **Published:** FEB 2018

Accession Number: WOS:000428713100008

PubMed ID: 29134553

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Rabyk, Mariia	O-4625-2015	
Hruby, Martin	H-6479-2014	

Kovar, Jan

0000-0002-3352-8210

ISSN: 2190-393X

eISSN: 2190-3948

Record 1 of 1

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
Hruby, Martin H-6479-2014

ISSN: 0968-5243

eISSN: 1352-8661

Publication No 98 of 132

Title: The Choice of Biocompatible Polymer: Physico-Chemical Properties as the Key Factor to Be Considered

Author(s): Hruby, M (Hruby, Martin); Panek, J (Panek, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 517-521 **Published:** 2018

Accession Number: WOS:000441289700005

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
Hruby, Martin H-6479-2014
Panek, Jiri H-7129-2014

ISSN: 0009-2770

eISSN: 1213-7103

Record 1 of 1

Title: Solid Dispersions of Poorly Water Soluble Drug

Author(s): Gruberova, L (Gruberova, Lucie); Kratochvil, B (Kratochvil, Bohumil)

Source: CHEMICKE LISTY **Volume:** 113 **Issue:** 6 **Pages:** 383-390 **Published:** 2019

Accession Number: WOS:000473231800006

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 99 of 132

Title: Self-assembly in Polymer Systems Inspired by Living Nature

Author(s): Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 294-300 **Published:** 2018

Accession Number: WOS:000433031600002

Author Identifiers:

Author Web of Science ResearcherIDORCID Number
Hruby, Martin H-6479-2014

ISSN: 0009-2770
eISSN: 1213-7103

Record 1 of 1

Title: Solid Dispersions of Poorly Water Soluble Drug

Author(s): Gruberova, L (Gruberova, Lucie); Kratochvil, B (Kratochvil, Bohumil)

Source: CHEMICKE LISTY **Volume:** 113 **Issue:** 6 **Pages:** 383-390 **Published:** 2019

Accession Number: WOS:000473231800006

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 100 of 132

Title: Carbon nanospecies affecting amyloid formation

Author(s): Holubova, M (Holubova, M.); Konefal, R (Konefal, R.); Moravkova, Z (Moravkova, Z.); Zhigunov, A (Zhigunov, A.); Svoboda, J (Svoboda, J.); Pop-Georgievski, O (Pop-Georgievski, O.); Hromadkova, J (Hromadkova, J.); Groborz, O (Groborz, O.); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: RSC ADVANCES **Volume:** 7 **Issue:** 85 **Pages:** 53887-53898 **DOI:** 10.1039/c7ra11296c **Published:** 2017

Accession Number: WOS:000416831000028

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Svoboda, Jan	E-4750-2014	0000-0002-4989-4274
Holubova, Monika	N-6996-2015	0000-0003-1501-2031
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Moravkova, Zuzana	D-6162-2012	0000-0001-8128-1040
Pop-Georgievski, Ognen	G-3498-2014	0000-0001-7938-9271
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Zhigunov, Alexander	C-3924-2012	
Hromadkova, Jirina	D-1165-2016	
Hruby, Martin		0000-0002-5075-261X

ISSN: 2046-2069

Record 1 of 1

Title: Aggregation of amyloid peptides into fibrils driven by nanoparticles and their curvature effect

Author(s): Li, B (Li, Bin); Zhang, R (Zhang, Ran); Shi, XH (Shi, Xinghua)

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS **Volume:** 21 **Issue:** 4 **Pages:** 1784-1790 **DOI:** 10.1039/c8cp07211f **Published:** JAN 28 2019

Accession Number: WOS:000459584100011

PubMed ID: 30624452

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Shi, Xinghua	F-9378-2010	0000-0001-5012-3453
Zhang, Ran		0000-0002-6725-6428

ISSN: 1463-9076

eISSN: 1463-9084

Publication No 101 of 132

Title: Modified glycogen as construction material for functional biomimetic microfibers

Author(s): Rabyk, M (Rabyk, Mariia); Hruby, M (Hruby, Martin); Vetrik, M (Vetrik, Miroslav); Kucka, J (Kucka, Jan); Proks, V (Proks, Vladimir); Parizek, M (Parizek, Martin); Konefal, R (Konefal, Rafal); Krist, P (Krist, Pavel); Chvatil, D (Chvatil, David); Bacakova, L (Bacakova, Lucie); Slouf, M (Slouf, Miroslav); Stepanek, P (Stepanek, Petr)

Source: CARBOHYDRATE POLYMERS **Volume:** 152 **Pages:** 271-279 **DOI:** 10.1016/j.carbpol.2016.06.107 **Published:** NOV 5 2016

Accession Number: WOS:000380944500031

PubMed ID: 27516273

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Proks, Vladimir	C-1642-2013	
Hruby, Martin	H-6479-2014	
Krist, Pavel	G-8620-2014	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Bacakova, Lucie	C-2664-2012	0000-0002-1818-9484
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Rabyk, Mariia	O-4625-2015	
Vetrik, Miroslav	G-3495-2014	
Kucka, Jan	G-7884-2014	
Parizek, Martin	G-3114-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X

ISSN: 0144-8617

eISSN: 1879-1344

Record 1 of 1

Title: A review of natural polysaccharides for drug delivery applications: Special focus on cellulose, starch and glycogen

Author(s): Gopinath, V (Gopinath, V.); Saravanan, S (Saravanan, S.); Al-Maleki, AR (Al-Maleki, A. R.); Ramesh, M (Ramesh, M.); Vadivelu, J (Vadivelu, Jamuna)

Source: BIOMEDICINE & PHARMACOTHERAPY **Volume:** 107 **Pages:** 96-108 **DOI:** 10.1016/j.biopha.2018.07.136 **Published:** NOV 2018

Accession Number: WOS:000445036200012

PubMed ID: 30086465

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Venkatraman, Dr. Gopinath	C-7001-2015	0000-0002-7917-8586
VADIVELU, JAMUNARANI S	B-8696-2010	
Sekaran, Saravanan		0000-0002-2212-0180

ISSN: 0753-3322

eISSN: 1950-6007

Publication No 102 of 132

Title: Photoluminescent polysaccharide-coated germanium(IV) oxide nanoparticles

Author(s): Lobaz, V (Lobaz, V.); Rabyk, M (Rabyk, M.); Panek, J (Panek, J.); Doris, E (Doris, E.); Nallet, F (Nallet, F.); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: COLLOID AND POLYMER SCIENCE **Volume:** 294 **Issue:** 7 **Pages:** 1225-1235 **DOI:** 10.1007/s00396-016-3882-y **Published:** JUL 2016

Accession Number: WOS:000378567100013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Lobaz, Volodymyr	N-5149-2015	0000-0003-0479-2837
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Rabyk, Mariia	O-4625-2015	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
doris, eric	V-2673-2019	0000-0003-1318-602X

ISSN: 0303-402X

eISSN: 1435-1536

Record 1 of 1

Title: Interactions between Metal Oxides and Biomolecules: from Fundamental Understanding to Applications

Author(s): Limo, MJ (Limo, Marion J.); Sola-Rabada, A (Sola-Rabada, Anna); Boix, E (Boix, Estefania); Thota, V (Thota, Veeranjanyulu); Westcott, ZC (Westcott, Zayd C.); Puddu, V (Puddu, Valeria); Perry, CC (Perry, Carole C.)

Source: CHEMICAL REVIEWS **Volume:** 118 **Issue:** 22 **Pages:** 11118-11193 **DOI:** 10.1021/acs.chemrev.7b00660 **Published:** NOV 28 2018

Accession Number: WOS:000451933200004

PubMed ID: 30362737

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Perry, Professor Carole		0000-0003-1517-468X

ISSN: 0009-2665

eISSN: 1520-6890

Publication No 103 of 132

Title: Preparation and Characterization of Drug Forms of Bee Propolis

Author(s): Trousil, J (Trousil, Jiri); Hruby, M (Hruby, Martin); Slouf, M (Slouf, Miroslav); Stepanek, P (Stepanek, Petr)

Source: CHEMICKE LISTY **Volume:** 109 **Issue:** 10 **Pages:** 784-787 **Published:** OCT 2015

Accession Number: WOS:000366105900008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Hruby, Martin	H-6479-2014	
Trousil, Jiri	L-9019-2017	0000-0002-4979-7247

ISSN: 0009-2770

eISSN: 1213-7103

Record 1 of 1

Title: Electron Microscope - The Key to the Secrets of the Micro- and Nanoworld

Author(s): Hajkova, Z (Hajkova, Zdenka); Baueroval, P (Baueroval, Pavla); Fejfar, A (Fejfar, Antonin); Slouf, M (Slouf, Miroslav)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 2 **Pages:** 128-134 **Published:** 2018

Accession Number: WOS:000427969600010

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Fejfar, Antonin	A-3347-2009	0000-0003-0988-0772

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 104 of 132

Title: Glycogen-based hybrid copolymers as a biodegradable construction materials for drug delivery purposes

Author(s): Jiratova, M (Jiratova, M.); Pospisilova, A (Pospisilova, A.); Sekerkova, A (Sekerikova, A.); Parizek, M (Parizek, M.); Jirak, D (Jirak, D.); Hruby, M (Hruby, M.)

Source: EUROPEAN JOURNAL OF CANCER **Meeting Abstract:** 318 **Volume:** 51 **Pages:** S61-S61 **DOI:** 10.1016/S0959-8049(16)30183-6 **Supplement:** 3 **Published:** SEP 2015

Accession Number: WOS:000361887400189

Conference Title: European Cancer Congress

Conference Date: 2015

Conference Location: Vienna, AUSTRIA

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Jirak, Daniel	Q-5357-2017	0000-0001-6834-3462
Parizek, Martin	G-3114-2014	
Hruby, Martin	H-6479-2014	

ISSN: 0959-8049

eISSN: 1879-0852

Record 1 of 1

Title: A review of natural polysaccharides for drug delivery applications: Special focus on cellulose, starch and glycogen

Author(s): Gopinath, V (Gopinath, V.); Saravanan, S (Saravanan, S.); Al-Maleki, AR (Al-Maleki, A. R.); Ramesh, M (Ramesh, M.); Vadivelu, J (Vadivelu, Jamuna)

Source: BIOMEDICINE & PHARMACOTHERAPY **Volume:** 107 **Pages:** 96-108 **DOI:** 10.1016/j.biopha.2018.07.136 **Published:** NOV 2018

Accession Number: WOS:000445036200012

PubMed ID: 30086465

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Venkatraman, Dr. Gopinath	C-7001-2015	0000-0002-7917-8586
VADIVELU, JAMUNARANI S	B-8696-2010	
Sekaran, Saravanan		0000-0002-2212-0180

ISSN: 0753-3322

eISSN: 1950-6007

Publication No 105 of 132

Title: Self-Assembled Polymeric Chelate Nanoparticles as Potential Theranostic Agents

Author(s): Skodova, M (Skodova, M.); Cernoch, P (Cernoch, P.); Stepanek, P (Stepanek, P.); Chanova, E (Chanova, E.); Kucka, J (Kucka, J.); Kalalova, Z (Kalalova, Z.); Kankova, D (Kankova, D.); Hruby, M (Hruby, M.)

Source: CHEMPHYSICHEM **Volume:** 13 **Issue:** 18 **Pages:** 4244-4250 **DOI:** 10.1002/cphc.201200681 **Published:** DEC 21 2012

Accession Number: WOS:000313692600025

PubMed ID: 23132772

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mazl Chanova, Eliska	H-6751-2014	0000-0003-0240-1206
Cernoch, Peter	H-6988-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Skodova, Michaela	I-7597-2014	

ISSN: 1439-4235

Record 1 of 1

Title: Effect of Chemical Charging/Discharging on Plasmonic Behavior of Silver Metal Nanoparticles Prepared using Citrate-Stabilized Cadmium Selenide Quantum Dots

Author(s): Ingole, PP (Ingole, Pravin P.); Bhat, MA (Bhat, Mohsin A.)

Source: CHEMPHYSCHEM **Volume:** 17 **Issue:** 20 **Pages:** 3209-3216 **DOI:** 10.1002/cphc.201600823 **Published:** OCT 18 2016

Accession Number: WOS:000386790600010

PubMed ID: 27505007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Bhat, Mohsin Ahmad		0000-0002-1160-2192

ISSN: 1439-4235

eISSN: 1439-7641

Publication No 106 of 132

Title: Thermoresponsive polymer for local chemoradiotherapy with doxorubicin bound via a newly developed hydrolytically labile bond

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Konak, C (Konak, C.); Vetrik, M (Vetrik, M.); Lebeda, O (Lebeda, O.); Ulbrich, K (Ulbrich, K.)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 132 **Issue:** 3 **Pages:** E40-E41 **DOI:** 10.1016/j.jconrel.2008.09.026 **Published:** DEC 18 2008

Accession Number: WOS:000208691800030

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	
Lebeda, Ondrej	G-9328-2014	0000-0001-5810-1339
Vetrik, Miroslav	G-3495-2014	
Konak, Cestmir	H-7177-2014	
Ulbrich, Karel	G-5145-2014	

ISSN: 0168-3659

Record 1 of 1

Title: Optimized protocol for the radioiodination of hydrazone-type polymer drug delivery systems

Author(s): Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Hruby, M (Hruby, Martin)

Source: APPLIED RADIATION AND ISOTOPES **Volume:** 95 **Pages:** 129-134 **DOI:** 10.1016/j.apradiso.2014.10.016 **Published:** JAN 2015

Accession Number: WOS:000347585200021

PubMed ID: 25464189

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Hruby, Martin	H-6479-2014	

Publication No 107 of 132

Title: INFLUENCE OF CLONAZEPAM ON CORTICAL EPILEPTOGENIC FOCI IN THE RAT

Author(s): MARES, P (MARES, P); SCHICKEROVA, R (SCHICKEROVA, R); CELLEROVA, M (CELLEROVA, M); HRUBY, M (HRUBY, M); TOBERNY, M (TOBERNY, M)

Source: ACTIVITAS NERVOSA SUPERIOR **Volume:** 29 **Issue:** 1 **Pages:** 36-44 **Published:** 1987

Accession Number: WOS:A1987G715000006

PubMed ID: 3109195

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Mares, Pavel F-8903-2014

ISSN: 0001-7604

Record 1 of 1

Title: ACTION OF CLONAZEPAM AND CLORAZEPATE ON CORTICAL SELF-SUSTAINED AFTER-DISCHARGES IN THE RAT

Author(s): HEIDLER, I (HEIDLER, I); MARES, J (MARES, J); TROJAN, S (TROJAN, S); MARES, P (MARES, P); VORLICEK, J (VORLICEK, J)

Source: PHARMACOLOGY **Volume:** 37 **Issue:** 5 **Pages:** 321-327 **DOI:** 10.1159/000138483 **Published:** NOV 1988

Accession Number: WOS:A1988Q984200006

PubMed ID: 2907147

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Mares, Pavel F-8903-2014

Mares, Jan A-3946-2008

0000-0001-6272-5304

ISSN: 0031-7012

Publication No 108 of 132

Title: In Situ In Vivo radiolabeling of polymer-coated hydroxyapatite nanoparticles to track their biodistribution in mice

Author(s): Lobaz, V (Lobaz, Volodymyr); Konefal, R (Konefal, Rafal); Panek, J (Panek, Jiri); Vlk, M (Vlk, Martin); Kozempel, J (Kozempel, Jan); Petrik, M (Petrik, Milos); Novy, Z (Novy, Zbynek); Gurska, S (Gurska, Sona); Znojek, P (Znojek, Pawel); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: COLLOIDS AND SURFACES B-BIOINTERFACES **Volume:** 179 **Pages:** 143-152 **DOI:** 10.1016/j.colsurfb.2019.03.057 **Published:** JUL 1 2019

Accession Number: WOS:000471736600017

PubMed ID: 30954015

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Lobaz, Volodymyr N-5149-2015

0000-0003-0479-2837

Petrik, Milos

0000-0003-1334-5916

Kozempel, Jan

0000-0002-6315-9225

ISSN: 0927-7765
eISSN: 1873-4367

Publication No 109 of 132

Title: Selectively Biodegradable Polyesters: Nature-Inspired Construction Materials for Future Biomedical Applications

Author(s): Urbanek, T (Urbanek, Tomas); Jager, E (Jaeger, Eliezer); Jager, A (Jaeger, Alessandro); Hruby, M (Hruby, Martin)

Source: POLYMERS **Volume:** 11 **Issue:** 6 **Article Number:** 1061 **DOI:** 10.3390/polym11061061 **Published:** JUN 2019

Accession Number: WOS:000473819100133

PubMed ID: 31248100

eISSN: 2073-4360

Publication No 110 of 132

Title: Hybrid kappa-carrageenan-based polymers showing "schizophrenic" lower and upper critical solution temperatures and potassium responsiveness

Author(s): Loukotova, L (Loukotova, L.); Bogomolova, A (Bogomolova, A.); Konefal, R (Konefal, R.); Spirkova, M (Spirkova, M.); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: CARBOHYDRATE POLYMERS **Volume:** 210 **Pages:** 26-37 **DOI:** 10.1016/j.carbpol.2019.01.050 **Published:** APR 15 2019

Accession Number: WOS:000457707300004

PubMed ID: 30732762

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Loukotova, Lenka	K-3599-2017	
Bogomolova, Anna	O-2982-2016	
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Hruby, Martin	H-6479-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Spirkova, Milena	H-4609-2014	

ISSN: 0144-8617

eISSN: 1879-1344

Publication No 111 of 132

Title: Fluorine polymer probes for magnetic resonance imaging: quo vadis?

Author(s): Jirak, D (Jirak, Daniel); Galisova, A (Galisova, Andrea); Kolouchova, K (Kolouchova, Kristyna); Babuka, D (Babuka, David); Hruby, M (Hruby, Martin)

Source: MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE **Volume:** 32 **Issue:** 1 **Special Issue:** SI **Pages:** 173-185 **DOI:** 10.1007/s10334-018-0724-6 **Published:** FEB 2019

Accession Number: WOS:000460767000018

PubMed ID: 30498886

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Hruby, Martin H-6479-2014

ISSN: 0968-5243

eISSN: 1352-8661

Publication No 112 of 132

Title: Hybrid thermoresponsive graft constructs of fungal polysaccharide beta-glucan: Physico-chemical and immunomodulatory properties

Author(s): Loukotova, L (Loukotova, L.); Konefal, R (Konefal, R.); Venclikova, K (Venclikova, K.); Machova, D (Machova, D.); Janouskova, O (Janouskova, O.); Rabyk, M (Rabyk, M.); Netopilik, M (Netopilik, M.); Chanova, EM (Chanova, E. Mazl); Stepanek, P (Stepanek, P.); Hruby, M (Hruby, M.)

Source: EUROPEAN POLYMER JOURNAL **Volume:** 106 **Pages:** 118-127 **DOI:** 10.1016/j.eurpolymj.2018.07.004 **Published:** SEP 2018

Accession Number: WOS:000445993400014

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Loukotova, Lenka	K-3599-2017	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Venclikova, Kristyna	F-4017-2016	0000-0002-0760-753X
Konefal, Rafal	G-5886-2014	0000-0003-4568-4891
Rabyk, Mariia	O-4625-2015	
Netopilik, Milos	G-5222-2014	
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Mazl Chanova, Eliska	H-6751-2014	0000-0003-0240-1206

ISSN: 0014-3057

eISSN: 1873-1945

Publication No 113 of 132

Title: Aqueous-Based Functionalizations of Titanate Nanotubes: A Straightforward Route to High-Performance Epoxy Composites with Interfacially Bonded Nanofillers

Author(s): Benes, H (Benes, Hynek); Popelkova, D (Popelkova, Daniela); Sturcova, A (Sturcova, Adriana); Popelka, S (Popelka, Stepan); Juza, J (Juza, Josef); Pop-Georgievski, O (Pop-Georgievski, Ognen); Konefal, M (Konefal, Magdalena); Hruby, M (Hruby, Martin)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 15 **Pages:** 5989-6002 **DOI:** 10.1021/acs.macromol.8b01204 **Published:** AUG 14 2018

Accession Number: WOS:000442185700055

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Juza, Josef	G-9355-2012	0000-0002-1882-2024
Popelka, Stepan	G-5566-2014	
Sturcova, Adriana	G-7316-2014	
Benes, Hynek	G-4015-2014	
Pop-Georgievski, Ognen	G-3498-2014	0000-0001-7938-9271
Hruby, Martin	H-6479-2014	
Konefal, Magdalena	I-8656-2018	
Hruby, Martin		0000-0002-5075-261X
Konefal, Magdalena		0000-0001-7704-1546

ISSN: 0024-9297

Publication No 114 of 132

Title: Distribution of Diffusion Times Determined by Fluorescence (Lifetime) Correlation Spectroscopy

Author(s): Panek, J (Panek, Jiri); Loukotova, L (Loukotova, Lenka); Hruby, M (Hruby, Martin); Stepanek, P (Stepanek, Petr)

Source: MACROMOLECULES **Volume:** 51 **Issue:** 8 **Pages:** 2796-2804 **DOI:** 10.1021/acs.macromol.7b02158 **Published:** APR 24 2018

Accession Number: WOS:000431088700005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Loukotova, Lenka	K-3599-2017	
Hruby, Martin		0000-0002-5075-261X

ISSN: 0024-9297

eISSN: 1520-5835

Publication No 115 of 132

Title: 20 Years since The Bereavement of Prof. O. Wichterle

Author(s): Michalek, J (Michalek, Jiri); Hruby, M (Hruby, Martin); Kotek, J (Kotek, Jiri)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 489-489 **Published:** 2018

Accession Number: WOS:000441289700001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Michalek, Jiri	D-7251-2013	0000-0002-1253-0258
Hruby, Martin	H-6479-2014	
Kotek, Jiri	H-4284-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 116 of 132

Title: Polysaccharides as Building Blocks of Hybrid Copolymers

Author(s): Loukotova, L (Loukotova, Lenka); Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 8 **Pages:** 498-507 **Published:** 2018

Accession Number: WOS:000441289700003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	
Loukotova, Lenka	K-3599-2017	

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 117 of 132**Title:** Pure Aspartates for High Performance Coating Systems**Author(s):** Podesva, J (Podesva, Jiri); Hruby, M (Hruby, Martin); Trhlikova, O (Trhlikova, Olga); Smrckova, MD (Smrckova, Miroslava Duskova); Chmelikova, D (Chmelikova, Dana)**Source:** CHEMICKE LISTY **Volume:** 112 **Issue:** 2 **Pages:** 117-121 **Published:** 2018**Accession Number:** WOS:000427969600008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Trhlikova, Olga	G-5255-2014	0000-0003-3761-4033
Podesva, Jiri	G-8987-2014	
Hruby, Martin	H-6479-2014	
Smrckova, Miroslava Duskova	I-5530-2014	0000-0003-2684-9814

ISSN: 0009-2770**eISSN:** 1213-7103**Publication No 118 of 132****Title:** Preparation of ^{99m}Tc-labelled hydroxyapatite nanoparticles and their in vitro/in vivo characterisation**Author(s):** Novy, Z (Novy, Z.); Petrik, M (Petrik, M.); Gurska, S (Gurska, S.); Kozempel, J (Kozempel, J.); Vlk, M (Vlk, M.); Lobaz, V (Lobaz, V.); Kucka, J (Kucka, J.); Hruby, M (Hruby, M.); Drymlova, J (Drymlova, J.); Hajduch, M (Hajduch, M.)**Source:** EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING **Meeting Abstract:** EP-0262 **Volume:** 44 **Pages:** S540-S540 **Supplement:** 2 **Published:** OCT 2017**Accession Number:** WOS:000455019402017

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hajduch, Marian	J-4015-2014	0000-0002-4834-908X
Vlk, Martin	C-8308-2012	0000-0003-1044-1910

ISSN: 1619-7070**eISSN:** 1619-7089**Publication No 119 of 132****Title:** Reactive oxygen species-cleavable self-immolative diethylstilbestrol polyester nanoparticles give rise to cancer hormone therapy with minimized side effects**Author(s):** Hoherl, A (Hoherl, Anita); Jager, E (Jager, Eliezer); Janouskova, O (Janouskova, Olga); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)**Source:** JOURNAL OF CONTROLLED RELEASE **Volume:** 259 **Pages:** E7-E8 **DOI:** 10.1016/j.jconrel.2017.03.047 **Published:** AUG 10 2017**Accession Number:** WOS:000407591400006**Conference Title:** 4th Symposium on Innovative Polymers for Controlled Delivery (SIPCD)**Conference Date:** SEP 23-26, 2016**Conference Location:** Suzhou, PEOPLES R CHINA

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Stepanek, Petr G-2882-2014
Janouskova, Olga H-4110-2014
Hoherl, Anita G-6222-2014
Hruby, Martin H-6479-2014

0000-0003-1433-678X
0000-0002-1365-6274

ISSN: 0168-3659

eISSN: 1873-4995

Publication No 120 of 132

Title: Poly(2-ethyl-2-oxazoline) conjugate of doxorubicin bound via pH-sensitive hydrazone linker: comparison with poly[N-(2-hydroxypropyl)methacrylamide] peer

Author(s): Sedlacek, O (Sedlacek, Ondrej); Monnery, BD (Monnery, Bryn D.); Mattova, J (Mattova, Jana); Janouskova, O (Janouskova, Olga); Kucka, J (Kucka, Jan); Hoherl, A (Hoherl, Anita); Panek, J (Panek, Jiri); Hoogenboom, R (Hoogenboom, Richard); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 259 **Pages:** E100-E101 **DOI:** 10.1016/j.jconrel.2017.03.213 **Published:** AUG 10 2017

Accession Number: WOS:000407591400172

Conference Title: 4th Symposium on Innovative Polymers for Controlled Delivery (SIPCD)

Conference Date: SEP 23-26, 2016

Conference Location: Suzhou, PEOPLES R CHINA

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Janouskova, Olga	H-4110-2014	0000-0002-1365-6274
Panek, Jiri	H-7129-2014	
Kucka, Jan	G-7884-2014	
Hoherl, Anita	G-6222-2014	
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	
Hoogenboom, Richard	B-8977-2008	0000-0001-7398-2058

ISSN: 0168-3659

eISSN: 1873-4995

Publication No 121 of 132

Title: New treatment of Wilson's disease

Author(s): Vetrik, M (Vetrik, Miroslav); Mattova, J (Mattova, Jana); Kucka, J (Kucka, Jan); Mackova, H (Mackova, Hana); Sedlacek, O (Sedlacek, Ondrej); Pouckova, P (Pouckova, Pavla); Policianova, O (Policianova, Olivia); Brus, J (Brus, Jiri); Eigner, S (Eigner, Sebastian); Sevc, L (Sevc, Ludek); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin)

Source: JOURNAL OF CONTROLLED RELEASE **Volume:** 259 **Pages:** E97-E98 **DOI:** 10.1016/j.jconrel.2017.03.208 **Published:** AUG 10 2017

Accession Number: WOS:000407591400167

Conference Title: 4th Symposium on Innovative Polymers for Controlled Delivery (SIPCD)

Conference Date: SEP 23-26, 2016

Conference Location: Suzhou, PEOPLES R CHINA

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kuckackova, Olivia	G-5692-2014	

Hruby, Martin	H-6479-2014	
Vetrik, Miroslav	G-3495-2014	
Brus, Jiri	G-3459-2014	0000-0003-2692-612X
Mackova, Hana	G-3247-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Kucka, Jan	G-7884-2014	

ISSN: 0168-3659

eISSN: 1873-4995

Publication No 122 of 132

Title: Radiopharmaceuticals for Diagnostics and Therapy of Neuroendocrine Tumors

Author(s): Svec, P (Svec, Pavel); Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 111 **Issue:** 1 **Pages:** 3-10 **Published:** JAN 2017

Accession Number: WOS:000396360900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 123 of 132

Title: Therapeutics Against Amyloidosis

Author(s): Holubova, M (Holubova, Monika); Hruby, M (Hruby, Martin)

Source: CHEMICKE LISTY **Volume:** 110 **Issue:** 12 **Pages:** 851-859 **Published:** DEC 2016

Accession Number: WOS:000390899900003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Holubova, Monika	N-6996-2015	0000-0003-1501-2031
Hruby, Martin	H-6479-2014	

ISSN: 0009-2770

eISSN: 1213-7103

Publication No 124 of 132

Title: Block and gradient copoly(2-oxazoline) micelles: Strikingly different on the inside

Author(s): Filippov, S (Filippov, Sergey); Verbraeken, B (Verbraeken, Bart); Konarev, P (Konarev, Petr); Svergun, D (Svergun, Dmitri); Papadakis, C (Papadakis, Christine); Vishnevetskaya, N (Vishnevetskaya, Natalya); Radulescu, A (Radulescu, Aurel); Rogers, S (Rogers, Sarah); Stepanek, P (Stepanek, Petr); Hruby, M (Hruby, Martin); Hoogenboom, R (Hoogenboom, Richard)

Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY **Meeting Abstract:** 228 **Volume:** 252 **Published:** AUG 20 2016

Accession Number: WOS:000431460404169

ISSN: 0065-7727

Publication No 125 of 132

Title: Effect of ionizing irradiation on biocompatible polymers

Author(s): Hruby, M (Hruby, Martin); Sedlacek, O (Sedlacek, Ondrej); Kucka, J (Kucka, Jan); Vetrik, M (Vetrik, Miroslav); Monnery, B (Monnery, Bryn); Hoogenboom, R (Hoogenboom, Richard)

Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY **Meeting Abstract:** 232 **Volume:** 252 **Published:** AUG 20 2016

Accession Number: WOS:000431460404173

ISSN: 0065-7727

Publication No 126 of 132

Title: Poly(2-oxazolines) triblock copolymers with mutually immiscible hydrophilic, hydrophobic and fluorophilic blocks

Author(s): Kabarov, L (Kabarov, Leonid); Verbraeken, B (Verbraeken, Bart); Filippov, S (Filippov, Sergey); Hruby, M (Hruby, Martin); Riabtseva, A (Riabtseva, Anna); Kovacik, L (Kovacik, Lubomir); Stepanek, P (Stepanek, Petr); Hoogenboom, R (Hoogenboom, Richard)

Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY **Meeting Abstract:** 305 **Volume:** 252 **Published:** AUG 20 2016

Accession Number: WOS:000431460404245

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0065-7727

Publication No 127 of 132

Title: Biological and biophysical characteristics of a new polymer platform for drug delivery systems

Author(s): Jiratova, M (Jiratova, M.); Galisova, A (Galisova, A.); Parizek, M (Parizek, M.); Pospisilova, A (Pospisilova, A.); Rabyk, M (Rabyk, M.); Jirak, D (Jirak, D.); Hruby, M (Hruby, M.)

Source: EUROPEAN JOURNAL OF CANCER **Meeting Abstract:** 619 **Volume:** 61 **Pages:** S138-S138 **Supplement:** 1 **Published:** JUL 2016

Accession Number: WOS:000431649800487

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Galisova, Andrea		0000-0002-0902-2033

ISSN: 0959-8049

eISSN: 1879-0852

Publication No 128 of 132

Title: Seven Years of Radionuclide Laboratory at IMC - Important Achievements

Author(s): Hruby, M (Hruby, M.); Kucka, J (Kucka, J.); Panek, J (Panek, J.); Stepanek, P (Stepanek, P.)

Source: PHYSIOLOGICAL RESEARCH **Volume:** 65 **Pages:** S191-S201 **Supplement:** 2 **Published:** 2016

Accession Number: WOS:000386686800005

PubMed ID: 27762585

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Panek, Jiri H-7129-2014

Stepanek, Petr G-2882-2014

0000-0003-1433-678X

Hruby, Martin H-6479-2014

Kucka, Jan G-7884-2014

ISSN: 0862-8408

eISSN: 1802-9973

Publication No 129 of 132

Title: A novel, multimodal theranostic nanoprobe is effectively incorporated into melanoma brain metastatic cells

Author(s): Aasen, SN (Aasen, Synnove N.); Eichler, TW (Eichler, Tilo W.); Hruby, M (Hruby, Martin); Pospisilova, A (Pospisilova, Aneta); Stepanek, P (Stepanek, Petr); Spriet, E (Spriet, Endy); Jirak, D (Jirak, Daniel); Skaftnesmo, KO (Skaftnesmo, Kai Ove); Thorsen, F (Thorsen, Frits)

Source: CANCER RESEARCH **Meeting Abstract:** 5195 **Volume:** 75 **DOI:** 10.1158/1538-7445.AM2015-5195 **Supplement:** 15 **Published:** AUG 1 2015

Accession Number: WOS:000371597105368

Conference Title: 106th Annual Meeting of the American-Association-for-Cancer-Research (AACR)

Conference Date: APR 18-22, 2015

Conference Location: Philadelphia, PA

Conference Sponsors: Amer Assoc Canc Res

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Hruby, Martin H-6479-2014

Stepanek, Petr G-2882-2014

0000-0003-1433-678X

Jirak, Daniel Q-5357-2017

0000-0001-6834-3462

ISSN: 0008-5472

eISSN: 1538-7445

Publication No 130 of 132

Title: Nature-Inspired Stimuli-Responsive Polymers for Drug Delivery

Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Felklova, V (Felklova, Veronika); Stepanek, P (Stepanek, Petr)

Source: CHEMICKE LISTY **Volume:** 109 **Issue:** 7 **Pages:** 482-487 **Published:** JUL 2015

Accession Number: WOS:000360567700002

Author Identifiers:

Author Web of Science ResearcherID ORCID Number

Stepanek, Petr G-2882-2014 0000-0003-1433-678X
Hruby, Martin H-6479-2014
Filippov, Sergey B-8438-2009 0000-0002-4253-5076
ISSN: 0009-2770
eISSN: 1213-7103

Publication No 131 of 132

Title: Poly(2-alkyl-2-oxazolines) as promising radionuclide carriers for nuclear medicine
Author(s): Hruby, M (Hruby, Martin); Filippov, SK (Filippov, Sergey K.); Panek, J (Panek, Jiri); Kucka, J (Kucka, Jan); Sedlacek, O (Sedlacek, Ondrej); Stepanek, P (Stepanek, Petr)
Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY **Meeting Abstract:** 214-POLY **Volume:** 248 **Published:** AUG 10 2014
Accession Number: WOS:000349167405345
Conference Title: 248th National Meeting of the American-Chemical-Society (ACS)
Conference Date: AUG 10-14, 2014
Conference Location: San Francisco, CA
Conference Sponsors: Amer Chem Soc

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kucka, Jan	G-7884-2014	
Stepanek, Petr	G-2882-2014	0000-0003-1433-678X
Sedlacek, Ondrej	E-1345-2013	0000-0001-5731-2687
Hruby, Martin	H-6479-2014	
Panek, Jiri	H-7129-2014	
Filippov, Sergey	B-8438-2009	0000-0002-4253-5076

ISSN: 0065-7727

Publication No 132 of 132

Title: Simultaneous detection of multiple targets for ultrastructural immunocytochemistry
Author(s): Philimonenko, VV (Philimonenko, V. V.); Philimonenko, AA (Philimonenko, A. A.); Sloufova, I (Sloufova, I.); Hruby, M (Hruby, M.); Novotny, F (Novotny, F.); Halbhuber, Z (Halbhuber, Z.); Krivjanska, M (Krivjanska, M.); Nebesarova, J (Nebesarova, J.); Slouf, M (Slouf, M.); Hozak, P (Hozak, P.)
Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 141 **Issue:** 3 **Pages:** 241-241 **DOI:** 10.1007/s00418-014-1196-z **Published:** MAR 2014
Accession Number: WOS:000332082300002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sloufova, Ivana	F-5344-2014	0000-0002-4757-6029
Philimonenko, Vlada	G-3522-2014	
Nebesarova, Jana	G-7351-2014	
Slouf, Miroslav	F-6311-2012	0000-0003-1528-802X
Novotny, Filip	G-2741-2014	0000-0003-0471-1865
Hozak, Pavel	J-4182-2014	0000-0003-1901-1394
Hruby, Martin	H-6479-2014	

ISSN: 0948-6143

eISSN: 1432-119X

Record 1 of 11

Title: ColorEM: analytical electron microscopy for element-guided identification and imaging of the building blocks of life
Author(s): Pirozzi, NM (Pirozzi, Nicole M.); Hoogenboom, JP (Hoogenboom, Jacob P.); Giepmans, BNG (Giepmans, Ben N. G.)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 150 **Issue:** 5 **Pages:** 509-520 **DOI:** 10.1007/s00418-018-1707-4 **Published:** NOV 2018

Accession Number: WOS:000446855800007

PubMed ID: 30120552

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Giepmans, Ben N.G.	R-4564-2016	0000-0001-5105-5915
Hoogenboom, Jacob	F-4444-2014	0000-0003-4539-8772

ISSN: 0948-6143

eISSN: 1432-119X

Record 2 of 11

Title: Ultrastructural histochemistry in biomedical research: Alive and kicking

Author(s): Malatesta, M (Malatesta, Manuela)

Source: EUROPEAN JOURNAL OF HISTOCHEMISTRY **Volume:** 62 **Issue:** 4 **Pages:** 319-323 **Article Number:** 2990 **DOI:** 10.4081/ejh.2018.2990 **Published:** 2018

Accession Number: WOS:000455167400009

PubMed ID: 30418011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
MALATESTA, Manuela		0000-0001-8196-9232

ISSN: 1121-760X

eISSN: 2038-8306

Record 3 of 11

Title: Techniques and Applications of Surface-Enhanced Raman Scattering Spectroscopy (SERSS) Focused on Cultural Heritage

Author(s): Kuckova, S (Kuckova, Stepanka); Hamidi-Asl, E (Hamidi-Asl, Ezat); Matulkova, I (Matulkova, Irena); Hynek, R (Hynek, Radovan); de Wael, K (de Wael, Karolien); Sanyova, J (Sanyova, Jana); Janssens, K (Janssens, Koen)

Source: CHEMICKE LISTY **Volume:** 112 **Issue:** 5 **Pages:** 312-316 **Published:** 2018

Accession Number: WOS:000433031600005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
De Wael, Karolien	U-5545-2018	
Matulkova, Irena	G-6892-2014	0000-0002-9289-6400

ISSN: 0009-2770

eISSN: 1213-7103

Record 4 of 11

Title: Colocalization coefficients evaluating the distribution of molecular targets in microscopy methods based on pointed patterns

Author(s): Pastorek, L (Pastorek, Lukas); Sobol, M (Sobol, Margarita); Hozak, P (Hozak, Pavel)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 146 **Issue:** 4 **Pages:** 391-406 **DOI:** 10.1007/s00418-016-1467-y **Published:** OCT 2016

Accession Number: WOS:000385169600004

PubMed ID: 27460592

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Hozak, Pavel	G-3513-2014	0000-0003-1901-1394

ISSN: 0948-6143

Record 5 of 11

Title: Novel method of simultaneous multiple immunogold localization on resin sections in high resolution scanning electron microscopy

Author(s): Nebesarova, J (Nebesarova, Jana); Wandrol, P (Wandrol, Petr); Vancova, M (Vancova, Marie)

Source: NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE **Volume:** 12 **Issue:** 1 **Pages:** 105-108 **DOI:** 10.1016/j.nano.2015.09.008 **Published:** JAN 2016

Accession Number: WOS:000371800600010

PubMed ID: 26472050

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Nebesarova, Jana	G-7351-2014	
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Vancova, Marie	G-8347-2014	
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ISSN: 1549-9634

eISSN: 1549-9642

Record 6 of 11

Title: Correlated light and electron microscopy: ultrastructure lights up!

Author(s): de Boer, P (de Boer, Pascal); Hoogenboom, JP (Hoogenboom, Jacob P.); Giepmans, BNG (Giepmans, Ben N. G.)

Source: NATURE METHODS **Volume:** 12 **Issue:** 6 **Pages:** 503-513 **DOI:** 10.1038/nmeth.3400 **Published:** JUN 2015

Accession Number: WOS:000355248100017

PubMed ID: 26020503

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Giepmans, Ben N.G.	R-4564-2016	0000-0001-5105-5915
Hoogenboom, Jacob	F-4444-2014	0000-0003-4539-8772

ISSN: 1548-7091

eISSN: 1548-7105

Record 7 of 11

Title: Quantitative immunocytochemistry at the ultrastructural level: a stereology-based approach to molecular nanomorphomics

Author(s): Mayhew, TM (Mayhew, Terry M.)

Source: CELL AND TISSUE RESEARCH **Volume:** 360 **Issue:** 1 **Pages:** 43-59 **DOI:** 10.1007/s00441-014-2038-y **Published:** APR 2015

Accession Number: WOS:000352072500005

PubMed ID: 25403623

ISSN: 0302-766X

eISSN: 1432-0878

Record 8 of 11

Title: Morphomics: An integral part of systems biology of the human placenta

Author(s): Mayhew, TM (Mayhew, T. M.)

Source: PLACENTA **Volume:** 36 **Issue:** 4 **Pages:** 329-340 **DOI:** 10.1016/j.placenta.2015.01.001 **Published:** APR 2015

Accession Number: WOS:000351796500001

PubMed ID: 25637410

ISSN: 0143-4004

eISSN: 1532-3102

Record 9 of 11

Title: The Histochemistry and Cell Biology pandect: the year 2014 in review

Author(s): Taatjes, DJ (Taates, Douglas J.); Roth, J (Roth, Juergen)

Source: HISTOCHEMISTRY AND CELL BIOLOGY **Volume:** 143 **Issue:** 4 **Pages:** 339-368 **DOI:** 10.1007/s00418-015-1313-7 **Published:** APR 2015

Accession Number: WOS:000351204800001

PubMed ID: 25744491

ISSN: 0948-6143

eISSN: 1432-119X

Record 10 of 11

Title: From gross anatomy to the nanomorphome: stereological tools provide a paradigm for advancing research in quantitative morphomics

Author(s): Mayhew, TM (Mayhew, Terry M.); Lucocq, JM (Lucocq, John M.)

Source: JOURNAL OF ANATOMY **Volume:** 226 **Issue:** 4 **Pages:** 309-321 **DOI:** 10.1111/joa.12287 **Published:** APR 2015

Accession Number: WOS:000352584400002

PubMed ID: 25753334

ISSN: 0021-8782

eISSN: 1469-7580

Record 11 of 11

Title: Simultaneous detection of multiple targets for ultrastructural immunocytochemistry (vol 141, pg 229, 2014)

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