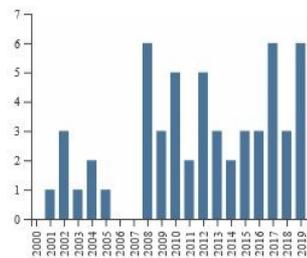


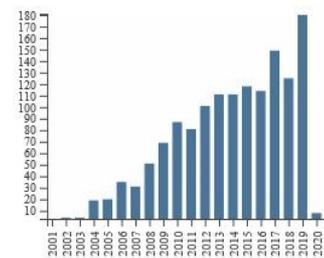
AUTHOR: (brabek j)

Timespan=2001-2020. Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI, CCR-EXPANDED, IC.

Total Publications by Year



Sum of Times Cited by Year



Results found: 55
 Sum of the Times Cited: 1419
 Average Citations per Item: 25.80
 h-index: 18

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|---|------|------|------|------|------|-------|----------------------------|
| | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| 1. Title: Focal adhesion kinase signaling activities and their implications in the control of cell survival and motility By: Hanks, SK; Ryzhova, L; Shin, NY; et al. Source: FRONTIERS IN BIOSCIENCE-LANDMARK Volume: 8 Pages: D982-D996 Published: MAY 2003 | 15 | 13 | 11 | 10 | 0 | 214 | 11.89 |
| 2. Title: The molecular mechanisms of transition between mesenchymal and amoeboid invasiveness in tumor cells By: Pankova, K.; Rosel, D.; Novotny, M.; et al. Source: CELLULAR AND MOLECULAR LIFE SCIENCES Volume: 67 Issue: 1 Pages: 63-71 Published: JAN 2010 | 17 | 23 | 20 | 17 | 1 | 148 | 13.45 |
| 3. Title: Contractile forces in tumor cell migration By: Mierke, Claudia Tanja; Rosel, Daniel; Fabry, Ben; et al. Source: EUROPEAN JOURNAL OF CELL BIOLOGY Volume: 87 Issue: 8-9 Pages: 669-676 Published: SEP 2008 | 4 | 9 | 8 | 9 | 0 | 110 | 8.46 |
| 4. Title: The role of the tissue microenvironment in the regulation of cancer cell motility and invasion By: Brabek, Jan; Mierke, Claudia T.; Roesel, Daniel; et al. Source: CELL COMMUNICATION AND SIGNALING Volume: 8 Article Number: 22 Published: SEP 7 2010 | 10 | 15 | 10 | 14 | 0 | 106 | 9.64 |
| 5. Title: Crk-associated substrate tyrosine phosphorylation sites are critical for invasion and metastasis of Src-transformed cells By: Brabek, J; Constancio, SS; Siesser, PF; et al. Source: MOLECULAR CANCER RESEARCH Volume: 3 Issue: 6 Pages: 307-315 Published: JUN 2005 | 1 | 1 | 1 | 3 | 0 | 88 | 5.50 |
| 6. Title: Up-regulation of Rho/ROCK signaling in sarcoma cells drives invasion and increased generation of protrusive forces By: Roesel, Daniel; Brabek, Jan; Tolde, Ondrej; et al. Source: MOLECULAR CANCER RESEARCH Volume: 6 Issue: 9 Pages: 1410-1420 Published: SEP 2008 | 6 | 3 | 6 | 1 | 0 | 78 | 6.00 |
| 7. Title: Global impact of oncogenic Src on a phosphotyrosine proteome By: Luo, Weifeng; Slebos, Robbert J.; Hill, Salisha; et al. Source: JOURNAL OF PROTEOME RESEARCH Volume: 7 Issue: 8 Pages: 3447-3460 Published: AUG 2008 | 3 | 7 | 0 | 5 | 0 | 70 | 5.38 |
| 8. | 2 | 1 | 0 | 1 | 0 | 69 | 4.06 |

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|---|------|------|------|------|------|-------|----------------------------|
| | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| Title: CAS promotes invasiveness of Src-transformed cells By: Brabek, J; Constancio, BS; Shin, NY; et al. Source: ONCOGENE Volume: 23 Issue: 44 Pages: 7406-7415 Published: SEP 23 2004 | | | | | | | |
| 9. Title: Regulation and localization of CAS substrate domain tyrosine phosphorylation By: Fonseca, PM; Shin, NY; Brabek, J; et al. Source: CELLULAR SIGNALLING Volume: 16 Issue: 5 Pages: 621-629 Published: MAY 2004 | 4 | 2 | 1 | 3 | 0 | 56 | 3.29 |
| 10. Title: Mechanosensors in integrin signaling: The emerging role of p130Cas By: Janostiak, Radoslav; Pataki, Andreea Csilla; Brabek, Jan; et al. Source: EUROPEAN JOURNAL OF CELL BIOLOGY Volume: 93 Issue: 10-12 Pages: 445-454 Published: OCT 2014 | 13 | 12 | 12 | 12 | 0 | 55 | 7.86 |

Close

Web of Science
Page 1 (Records 1 -- 10)

Print



Clarivate

Accelerating innovation

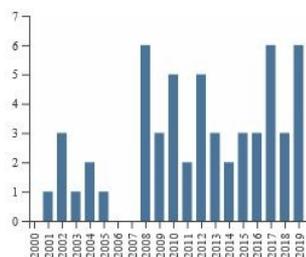
© 2020 Clarivate Copyright notice Terms of use Privacy statement Cookie policy

Sign up for the Web of Science newsletter Follow us

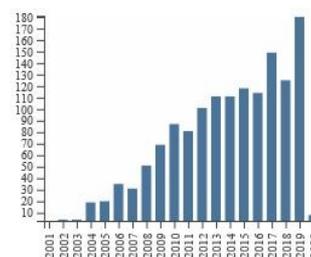
AUTHOR: (brabek j)

Timespan=2001-2020. Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI, CCR-EXPANDED, IC.

Total Publications by Year



Sum of Times Cited by Year



Results found: 55
 Sum of the Times Cited: 1419
 Average Citations per Item: 25.80
 h-index: 18

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|---|------|------|------|------|------|-------|----------------------------|
| | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| 1. Title: Migrastatics-Anti-metastatic and Anti-invasion Drugs: Promises and Challenges By: Gandalovicova, Aneta; Rosel, Daniel; Fernandes, Michael; et al. Source: TRENDS IN CANCER Volume: 3 Issue: 6 Pages: 391-406 Published: JUN 2017 | 0 | 3 | 10 | 33 | 3 | 49 | 12.25 |
| 2. Title: The structure of invadopodia in a complex 3D environment By: Tolde, Ondrej; Roesel, Daniel; Vesely, Pavel; et al. Source: EUROPEAN JOURNAL OF CELL BIOLOGY Volume: 89 Issue: 9 Pages: 674-680 Published: SEP 2010 | 6 | 2 | 4 | 2 | 0 | 49 | 4.45 |
| 3. Title: Cell polarity signaling in the plasticity of cancer cell invasiveness By: Gandalovicova, Aneta; Vomastek, Tomas; Rosel, Daniel; et al. Source: ONCOTARGET Volume: 7 Issue: 18 Pages: 25022-25049 Published: MAY 3 2016 | 3 | 12 | 12 | 7 | 0 | 34 | 6.80 |
| 4. Title: CAS directly interacts with vinculin to control mechanosensing and focal adhesion dynamics By: Janostiak, Radoslav; Brabek, Jan; Auernheimer, Vera; et al. Source: CELLULAR AND MOLECULAR LIFE SCIENCES Volume: 71 Issue: 4 Pages: 727-744 Published: FEB 2014 | 5 | 10 | 1 | 3 | 0 | 31 | 4.43 |
| 5. Title: Tyrosine phosphorylation within the SH3 domain regulates CAS subcellular localization, cell migration, and invasiveness By: Janostiak, Radoslav; Tolde, Ondrej; Bruhova, Zuzana; et al. Source: MOLECULAR BIOLOGY OF THE CELL Volume: 22 Issue: 22 Pages: 4256-4267 Published: NOV 15 2011 | 2 | 4 | 0 | 2 | 0 | 28 | 2.80 |
| 6. Title: Simultaneous blocking of IL-6 and IL-8 is sufficient to fully inhibit CAF-induced human melanoma cell invasiveness By: Jobe, Njainday Pulo; Rosel, Daniel; Dvorankova, Barbora; et al. Source: HISTOCHEMISTRY AND CELL BIOLOGY Volume: 146 Issue: 2 Pages: 205-217 Published: AUG 2016 | 1 | 6 | 5 | 12 | 1 | 25 | 5.00 |
| 7. Title: The fission yeast ortholog of the coregulator SKIP interacts with the small subunit of U2AF By: Ambrozkova, M; Puta, F; Fukova, I; et al. Source: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS Volume: 284 Issue: 5 Pages: 1148-1154 Published: JUN 29 2001 | 0 | 1 | 1 | 0 | 0 | 21 | 1.05 |
| 8. Title: ROCK Inhibitors as Emerging Therapeutic Candidates for Sarcomas By: Micuda, S.; Rosel, D.; Ryska, A.; et al. Source: CURRENT CANCER DRUG TARGETS Volume: 10 Issue: 2 Pages: 127-134 Published: MAR 2010 | 1 | 0 | 3 | 1 | 0 | 18 | 1.64 |

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|---|------|------|------|------|------|-------|----------------------------|
| 9. Title: Dynamics and Morphology of Focal Adhesions in Complex 3D Environment By: Tolde, O.; Roesel, D.; Janostiak, R.; et al. Source: FOLIA BIOLOGICA Volume: 58 Issue: 5 Pages: 177-184 Published: 2012 | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| 10. Title: Wnt Signaling Cascades and the Roles of Syndecan Proteoglycans By: Pataki, Csilla A.; Couchman, John R.; Brabek, Jan Source: JOURNAL OF HISTOCHEMISTRY & CYTOCHEMISTRY Volume: 63 Issue: 7 Pages: 465-480 Published: JUL 2015 | 2 | 3 | 1 | 1 | 0 | 16 | 1.78 |
| | 2 | 3 | 4 | 4 | 0 | 14 | 2.33 |

Close

Web of Science
Page 1 (Records 1 -- 10)

Print

◀ [1] ▶

Clarivate

Accelerating innovation

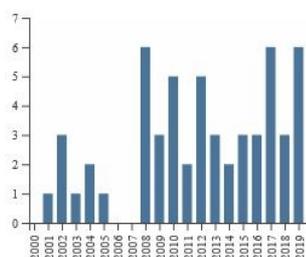
© 2020 Clarivate [Copyright notice](#) [Terms of use](#) [Privacy statement](#) [Cookie policy](#)

[Sign up for the Web of Science newsletter](#) [Follow us](#)

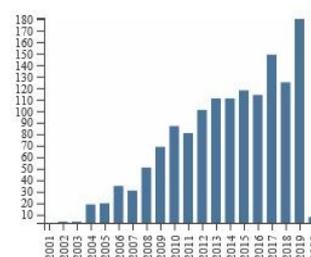
AUTHOR: (brabek j)

Timespan=2001-2020. Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI, CCR-EXPANDED, IC.

Total Publications by Year



Sum of Times Cited by Year



Results found: 55
 Sum of the Times Cited: 1419
 Average Citations per Item: 25.80
 h-index: 18

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|--|------|------|------|------|------|-------|----------------------------|
| | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| 1. Title: Metastasis of aggressive amoeboid sarcoma cells is dependent on Rho/ROCK/MLC signaling By: Kosla, Jan m; Pankova, Daniela; Plachy, Jiri; et al. Source: CELL COMMUNICATION AND SIGNALING Volume: 11 Article Number: 51 Published: JUL 30 2013 | 3 | 2 | 2 | 2 | 0 | 13 | 1.63 |
| 2. Title: SH3 Domain Tyrosine Phosphorylation - Sites, Role and Evolution By: Tatarova, Zuzana; Brabek, Jan; Roesel, Daniel; et al. Source: PLOS ONE Volume: 7 Issue: 5 Article Number: e36310 Published: MAY 15 2012 | 1 | 3 | 0 | 3 | 0 | 13 | 1.44 |
| 3. Title: The SH3 domain of Src can downregulate its kinase activity in the absence of the SH2 domain-pY527 interaction By: Brabek, J; Mojzita, D; Novotny, M; et al. Source: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS Volume: 296 Issue: 3 Pages: 664-670 Article Number: PII S0006-291X(02)00884-7 Published: AUG 23 2002 | 0 | 2 | 1 | 2 | 0 | 12 | 0.63 |
| 4. Title: Neoplastic progression of the human breast cancer cell line G3S1 is associated with elevation of cytoskeletal dynamics and upregulation of MT1-MMP By: Tolde, Ondrej; Roesel, Daniel; Mierke, Claudia T.; et al. Source: INTERNATIONAL JOURNAL OF ONCOLOGY Volume: 36 Issue: 4 Pages: 833-839 Published: APR 2010 | 1 | 1 | 1 | 1 | 1 | 11 | 1.00 |
| 5. Title: Invasive cells in animals and plants: searching for LECA machineries in later eukaryotic life By: Vaskovicova, Katarina; Zarsky, Viktor; Roesel, Daniel; et al. Source: BIOLOGY DIRECT Volume: 8 Article Number: UNSP 8 Published: APR 4 2013 | 1 | 1 | 0 | 1 | 0 | 10 | 1.25 |
| 6. Title: Drugs for solid cancer: the productivity crisis prompts a rethink By: Roesel, Daniel; Brabek, Jan; Vesely, Pavel; et al. Source: ONCOTARGETS AND THERAPY Volume: 6 Pages: 767-777 Published: 2013 | 2 | 2 | 1 | 1 | 0 | 10 | 1.25 |
| 7. Title: NG2-mediated Rho activation promotes amoeboid invasiveness of cancer cells By: Pankova, Daniela; Jobe, Njainday; Kratochvilova, Magdalena; et al. Source: EUROPEAN JOURNAL OF CELL BIOLOGY Volume: 91 Issue: 11-12 Pages: 969-977 Published: NOV-DEC 2012 | 2 | 2 | 2 | 2 | 0 | 9 | 1.00 |
| 8. Title: Fibroblasts potentiate melanoma cells in vitro invasiveness induced by UV-irradiated keratinocytes By: Jobe, Njainday Pulo; Zivicova, Veronika; Mifkova, Alzbeta; et al. Source: HISTOCHEMISTRY AND CELL BIOLOGY Volume: 149 Issue: 5 Pages: 503-516 Published: MAY 2018 | 0 | 0 | 0 | 7 | 0 | 7 | 2.33 |

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|--|------|------|------|------|------|-------|----------------------------|
| 9. Title: The role of focal adhesion anchoring domains of CAS in mechanotransduction By: Branis, Jaroslav; Pataki, Csilla; Spoerrer, Marina; et al. Source: SCIENTIFIC REPORTS Volume: 7 Article Number: 46233 Published: APR 13 2017 | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| 10. Title: Translation in solid cancer: are size-based response criteria an anachronism? By: Fernandes, M.; Rosel, D.; Brabek, J. Source: CLINICAL & TRANSLATIONAL ONCOLOGY Volume: 17 Issue: 1 Pages: 1-10 Published: JAN 2015 | 0 | 2 | 0 | 3 | 1 | 6 | 1.50 |
| | 4 | 1 | 0 | 1 | 0 | 6 | 1.00 |

Close

Web of Science
Page 1 (Records 1 -- 10)

Print

◀ [1] ▶

Clarivate

Accelerating innovation

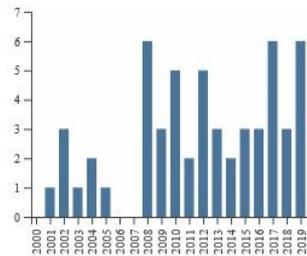
© 2020 Clarivate Copyright notice Terms of use Privacy statement Cookie policy

Sign up for the Web of Science newsletter Follow us

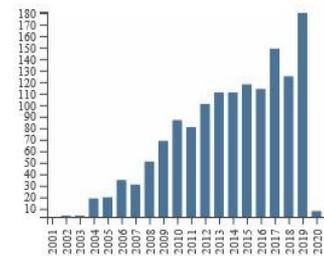
AUTHOR: (brabek j)

Timespan=2001-2020. Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI, CCR-EXPANDED, IC.

Total Publications by Year



Sum of Times Cited by Year



Results found: 55
 Sum of the Times Cited: 1419
 Average Citations per Item: 25.80
 h-index: 18

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|--|------|------|------|------|------|-------|----------------------------|
| | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| 1. Title: Interleukin-6: a molecule with complex biological impact in cancer By: Lacina, Lukas; Brabek, Jan; Kral, Vladimir; et al. Source: HISTOLOGY AND HISTOPATHOLOGY Volume: 34 Issue: 2 Pages: 125-136 Published: FEB 2019 | 0 | 0 | 0 | 4 | 1 | 5 | 2.50 |
| 2. Title: Limits to Precision Cancer Medicine By: Fernandes, Michael; Rosel, Daniel; Brabek, Jan Source: NEW ENGLAND JOURNAL OF MEDICINE Volume: 376 Issue: 1 Pages: 95-96 Published: JAN 5 2017 | 0 | 0 | 5 | 0 | 0 | 5 | 1.25 |
| 3. Title: Pragmatic medicine in solid cancer: a translational alternative to precision medicine By: Brabek, Jan; Rosel, Daniel; Fernandes, Michael Source: ONCOTARGETS AND THERAPY Volume: 9 Pages: 1839-1855 Published: 2016 | 0 | 2 | 1 | 2 | 0 | 5 | 1.00 |
| 4. Title: Affordable cancer care By: Brabek, Jan; Fernandes, Michael Source: LANCET ONCOLOGY Volume: 13 Issue: 1 Pages: E2-E3 Published: JAN 2012 | 1 | 0 | 0 | 0 | 0 | 5 | 0.56 |
| 5. Title: Quantitative phase imaging unravels new insight into dynamics of mesenchymal and amoeboid cancer cell invasion By: Tolde, Ondrej; Gandalovicova, Aneta; Krizova, Aneta; et al. Source: SCIENTIFIC REPORTS Volume: 8 Article Number: 12020 Published: AUG 13 2018 | 0 | 0 | 0 | 3 | 0 | 3 | 1.00 |
| 6. Title: Structural characterization of CAS SH3 domain selectivity and regulation reveals new CAS interaction partners By: Gemperle, Jakub; Hexnerova, Rozlie; Lepsik, Martin; et al. Source: SCIENTIFIC REPORTS Volume: 7 Article Number: 8057 Published: AUG 14 2017 | 0 | 0 | 1 | 2 | 0 | 3 | 0.75 |
| 7. Title: PKC alpha promotes the mesenchymal to amoeboid transition and increases cancer cell invasiveness By: Vaskovicova, Katarna; Szabadosova, Emilia; Cermak, Vladimr; et al. Source: BMC CANCER Volume: 15 Article Number: 326 Published: APR 29 2015 | 2 | 1 | 0 | 0 | 0 | 3 | 0.50 |
| 8. Title: Cancer, checkpoint inhibitors, and confusion By: Fernandes, Michael; Brabek, Jan Source: LANCET ONCOLOGY Volume: 18 Issue: 11 Pages: E632-E632 Published: NOV 2017 | 0 | 0 | 1 | 1 | 0 | 2 | 0.50 |
| 9. Title: ARHGAP42 is activated by Src-mediated tyrosine phosphorylation to promote cell motility By: Luo, Weifeng; Janostiak, Radoslav; Tolde, Ondrej; et al. Source: JOURNAL OF CELL SCIENCE Volume: 130 Issue: 14 Pages: 2382-2393 Published: JUL 15 2017 | 0 | 0 | 0 | 2 | 0 | 2 | 0.50 |

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|--|------|------|------|------|------|-------|----------------------------|
| 10. Title: Src Transformation of Colonic Epithelial Cells: Enhanced Anchorage-Independent Growth in an Apc(+/-min) Background By: Constancio-Lund, Sabata S.; Brabek, Jan; Hanks, Steven K. Source: MOLECULAR CARCINOGENESIS Volume: 48 Issue: 2 Pages: 156-166 Published: FEB 2009 | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| | 0 | 0 | 0 | 0 | 0 | 2 | 0.17 |

Close

Web of Science
Page 1 (Records 1 -- 10)
◀ [1] ▶

Print

Clarivate
Accelerating innovation

© 2020 Clarivate [Copyright notice](#) [Terms of use](#) [Privacy statement](#) [Cookie policy](#)

[Sign up for the Web of Science newsletter](#) [Follow us](#)

| 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|------|------|------|------|------|-------|----------------------------|
| 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |

Source: BIOORGANIC CHEMISTRY Volume: 90 Special Issue: SI Article Number: UNSP 103005 Published: SEP 2019

10. **Title:** Novel FRET-Based Src Biosensor Reveals Mechanisms of Src Activation and Its Dynamics in Focal Adhesions
By: Koudelkova, Lenka; Pataki, Andreea Csilla; Tolde, Ondrej; et al.
Source: CELL CHEMICAL BIOLOGY Volume: 26 Issue: 2 Pages: 255-+ Published: FEB 21 2019

Close

Web of Science
Page 1 (Records 1 -- 10)

Print

◀ [1] ▶

Clarivate

Accelerating innovation

© 2020 Clarivate Copyright notice Terms of use Privacy statement Cookie policy

Sign up for the Web of Science newsletter Follow us

Close

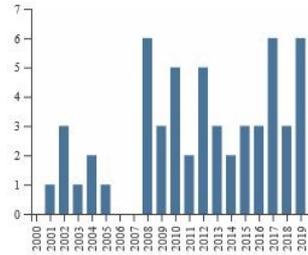
Print



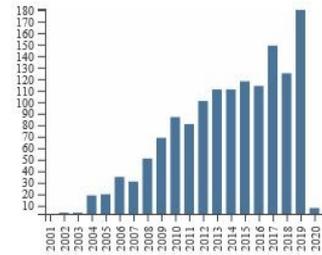
AUTHOR: (brabek j)

Timespan=2001-2020. Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI, CCR-EXPANDED, IC.

Total Publications by Year



Sum of Times Cited by Year



Results found: 55
 Sum of the Times Cited: 1419
 Average Citations per Item: 25.80
 h-index: 18

| | 2016 | 2017 | 2018 | 2019 | 2020 | Total | Average Citations per Year |
|--|------|------|------|------|------|-------|----------------------------|
| | 114 | 149 | 125 | 180 | 8 | 1419 | 70.95 |
| 1. Title: CAS interacts with vinculin to control mechanosensing and focal adhesion dynamics in cells. By: Janostiak, R.; Rosel, D.; Auemheimer, V.; et al. Source: MOLECULAR BIOLOGY OF THE CELL Volume: 23 Meeting Abstract: 2127 Published: 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 2. Title: Vinculin is important for p130Cas-mediated mechanotransduction By: Dey, T.; Janostiak, R.; Rosel, D.; et al. Conference: Annual Meeting of the American-Society-for-Cell-Biology (ASCB) Location: Denver, CO Date: DEC 03-07, 2011 Sponsor(s): Amer Soc Cell Biol (ASCB) Source: MOLECULAR BIOLOGY OF THE CELL Volume: 22 Meeting Abstract: 59 Published: 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 3. Title: Fibronectin-Replating Experiment: Procedure and Analysis By: Roesel, D.; Puta, F.; Brabek, J. Source: FOLIA BIOLOGICA Volume: 55 Issue: 4 Pages: 153-158 Published: 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 4. Title: CAS MEDIATES CROSSTALK OF SRC AND mTOR SIGNALING By: Bicanova, Kristyna; Teglova, Lucie; Rosel, Daniel; et al. Source: ANTICANCER RESEARCH Volume: 28 Issue: 5C Pages: 3217-3217 Meeting Abstract: 67 Published: SEP-OCT 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 5. Title: The role of tyrosine 90 in regulation of Src kinase activity and its interaction with signaling partners By: Gerndtova, Z.; Brabek, J.; Novotnue, M.; et al. Conference: Joint Conference of the 33rd FEBS Congress/11th IUBMB Conference Location: Athens, GREECE Date: JUN 28-JUL 03, 2008 Sponsor(s): Federat Biochem Soc; Int Union Biochem & Mol Biol Source: FEBS JOURNAL Volume: 275 Supplement: 1 Pages: 164-164 Published: JUN 2008 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

Close

Print

