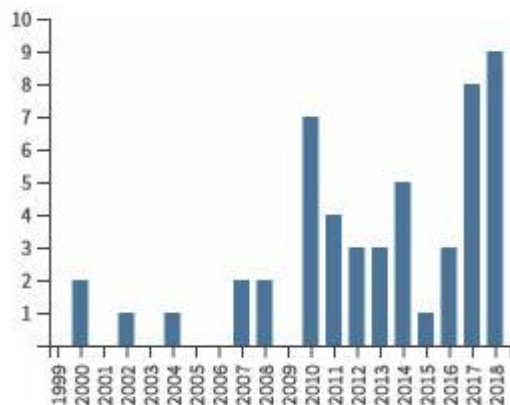
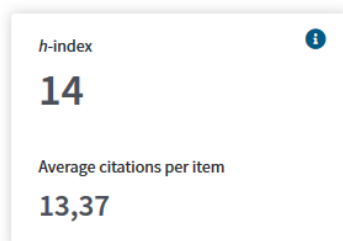
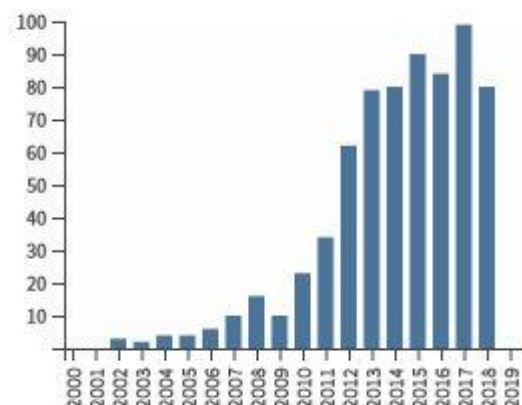


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Počet publikací dle roku



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☐	1. An alternative strategy for bacterial ribosome synthesis: <i>Bacillus subtilis</i> rRNA transcription regulation By: Krasny, L.; Course, RL EMBO JOURNAL Volume: 23 Issue: 22 Pages: 4473-4483 Published: NOV 10 2004	18	17	15	10	0	150	10.00
☐	2. 5D C-13-detected experiments for backbone assignment of unstructured proteins with a very low signal dispersion By: Novacek, Jiri; Zawadzka-Kazmierczuk, Anna; Papouskova, Veronika; et al. JOURNAL OF BIOMOLECULAR NMR Volume: 50 Issue: 1 Pages: 1-11 Published: MAY 2011	9	9	2	5	0	61	7.63
☐	3. Strategy for complete NMR assignment of disordered proteins with highly repetitive sequences based on resolution-enhanced 5D experiments By: Motackova, Veronika; Novacek, Jiri; Zawadzka-Kazmierczuk, Anna; et al. JOURNAL OF BIOMOLECULAR NMR Volume: 48 Issue: 3 Pages: 169-177 Published: NOV 2010	11	7	3	5	0	61	6.78
☐	4. The identity of the transcription+1 position is crucial for changes in gene expression in response to amino acid starvation in <i>Bacillus subtilis</i> By: Krasny, Libor; Tiserova, Hana; Jonak, Jiri; et al. MOLECULAR MICROBIOLOGY Volume: 69 Issue: 1 Pages: 42-54 Published: JUL 2008	7	3	11	3	0	61	5.55
☐	5. High dimensional and high resolution pulse sequences for backbone resonance assignment of intrinsically disordered proteins By: Zawadzka-Kazmierczuk, Anna; Kozminski, Wiktor; Sanderova, Hana; et al. JOURNAL OF BIOMOLECULAR NMR Volume: 52 Issue: 4 Pages: 329-337 Published: APR 2012	8	9	3	2	0	41	5.86
☐	6. Genome-wide identification of genes directly regulated by the pleiotropic transcription factor Spx in <i>Bacillus subtilis</i> By: Rochat, Tatiana; Nicolas, Pierre; Delumeau, Olivier; et al. NUCLEIC ACIDS RESEARCH Volume: 40 Issue: 19 Pages: 9571-9583 Published: OCT 2012	8	8	5	4	0	38	5.43
☐	7. The mechanism of RNA 5' capping with NAD(+), NADH and desphospho-CoA By: Bird, Jeremy G.; Zhang, Yu; Tian, Yuan; et al. NATURE Volume: 535 Issue: 7612 Pages: 444+ Published: JUL 21 2016	0	2	13	12	0	27	9.00
☐	8. The delta Subunit of RNA Polymerase Is Required for Rapid Changes in Gene Expression and Competitive Fitness of the Cell By: Rabatnova, Alzbeta; Sanderova, Hana; Matejckova, Jitka Jirat; et al. JOURNAL OF BACTERIOLOGY Volume: 195 Issue: 11 Pages: 2603-2611 Published: JUN 2013	1	4	6	2	0	22	3.67
☐	9. Rapid changes in gene expression: DNA determinants of promoter regulation by the concentration of the transcription initiating NTP in <i>Bacillus subtilis</i> By: Sojka, Ludek; Kouba, Tomas; Barvik, Ivan; et al. NUCLEIC ACIDS RESEARCH Volume: 39 Issue: 11 Pages: 4598-4611 Published: JUN 2011	2	2	4	1	0	21	2.63
☐	10. Solution structure of the N-terminal domain of <i>Bacillus subtilis</i> delta subunit of RNA polymerase and its classification based on structural homologs By: Motackova, Veronika; Sanderova, Hana; Zidek, Lukas; et al. PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS Volume: 78 Issue: 7 Pages: 1807-1810 Published: MAY 15 2010	2	1	3	0	0	21	2.33
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☐	11. Structure and expression of elongation factor Tu from <i>Bacillus stearothermophilus</i> By: Krasny, L.; Meders, JR; Tieleman, LH; et al. JOURNAL OF MOLECULAR BIOLOGY Volume: 283 Issue: 2 Pages: 371-381 Published: OCT 23 1998	1	0	1	0	0	20	0.95
☐	12. Spectral density mapping protocols for analysis of molecular motions in disordered proteins By: Kaderavek, Pavel; Zapletal, Vojtech; Rabatinova, Alzbeta; et al. JOURNAL OF BIOMOLECULAR NMR Volume: 58 Issue: 3 Pages: 193-207 Published: MAR 2014	5	5	3	2	0	16	3.20
☐	13. Characterization of HrdI, an interacting partner of RNA polymerase from <i>Bacillus subtilis</i> By: Wiedermannova, Jana; Sudzinova, Petra; Koval, Tomas; et al. NUCLEIC ACIDS RESEARCH Volume: 42 Issue: 8 Pages: 5151-5163 Published: APR 2014	1	5	6	1	0	15	3.00
☐	14. The suboptimal structures find the optimal RNAs: homology search for bacterial non-coding RNAs using suboptimal RNA structures By: Panek, Josef; Krasny, Libor; Bobek, Jan; et al. NUCLEIC ACIDS RESEARCH Volume: 39 Issue: 8 Pages: 3418-3426 Published: APR 2011	3	0	0	2	0	15	1.88
☐	15. Cloning and characterization of the str operon and elongation factor Tu expression in <i>Bacillus stearothermophilus</i> By: Krasny, L.; Vacik, T; Fucik, V; et al. JOURNAL OF BACTERIOLOGY Volume: 182 Issue: 21 Pages: 6114-6122 Published: NOV 2000	0	0	1	1	0	14	0.74
☐	16. epsilon, a New Subunit of RNA Polymerase Found in Gram-Positive Bacteria By: Keller, Andrew N.; Yang, Xiao; Wiedermannova, Jana; et al. JOURNAL OF BACTERIOLOGY Volume: 196 Issue: 20 Pages: 3622-3632 Published: OCT 2014	3	3	5	1	0	12	2.40
☐	17. Lipophosphonoxins: New Modular Molecular Structures with Significant Antibacterial Properties By: Rejman, Dominik; Rabatinova, Alzbeta; Pombinho, Antonio R.; et al. JOURNAL OF MEDICINAL CHEMISTRY Volume: 54 Issue: 22 Pages: 7884-7898 Published: NOV 24 2011	1	1	1	1	0	11	1.38
☐	18. YbxF, a protein associated with exponential-phase ribosomes in <i>Bacillus subtilis</i> By: Sojka, Ludek; Fucik, Vladimir; Krasny, Libor; et al. JOURNAL OF BACTERIOLOGY Volume: 189 Issue: 13 Pages: 4809-4814 Published: JUL 2007	1	1	1	2	0	10	0.83
☐	19. Structural Study of the Partially Disordered Full-Length delta Subunit of RNA Polymerase from <i>Bacillus subtilis</i> By: Papouskova, Veronika; Kaderavek, Pavel; Otrusnova, Olga; et al. CHEMBIOCHEM Volume: 14 Issue: 14 Pages: 1772-1779 Published: SEP 23 2013	3	0	3	0	0	9	1.50
☐	20. Influence of major-groove chemical modifications of DNA on transcription by bacterial RNA polymerases By: Ralndlova, Veronika; Janouskova, Martina; Slavickova, Michaela; et al. NUCLEIC ACIDS RESEARCH Volume: 44 Issue: 7 Pages: 3000-3012 Published: APR 20 2016	0	1	3	3	0	7	2.33
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	2015	2016	2017	2018	2019	Total	Average Citations per Year
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or restrict to items published between 1945 and 2019 Go	90	84	99	80	0	694	34.70
☐ 21. MsI, a novel sRNA interacting with the RNA polymerase core in mycobacteria By: Hnilicova, Jarmila; Matejkova, Jitka Jirat; Sikova, Michaela; et al. NUCLEIC ACIDS RESEARCH Volume: 42 Issue: 18 Pages: 11763-11776 Published: OCT 13 2014	2	1	1	2	0	6	1.20
☐ 22. Construction of in vitro transcription system for Corynebacterium glutamicum and its use in the recognition of promoters of different classes By: Holatko, Jiri; Silar, Radoslav; Rabatnova, Alzbeta; et al. APPLIED MICROBIOLOGY AND BIOTECHNOLOGY Volume: 96 Issue: 2 Pages: 521-529 Published: OCT 2012	0	3	1	1	0	6	0.86
☐ 23. Isolation of chimaeric forms of elongation factor EF-Tu by affinity chromatography By: Tomincova, H; Krasny, L; Jonak, J Conference: 2nd International Symposium on Separations in the Biosciences Location: PRAGUE, CZECH REPUBLIC Date: SEP 17-20, 2001 JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES Volume: 770 Issue: 1-2 Pages: 129-135 Article Number: PII S0378-4347(01)00525-4 Published: APR 25 2002	0	0	0	0	0	6	0.35
☐ 24. Non-canonical transcription initiation: the expanding universe of transcription initiating substrates By: Barvik, Ivan; Rejman, Dominik; Panova, Natalya; et al. FEMS MICROBIOLOGY REVIEWS Volume: 41 Issue: 2 Pages: 131-138 Published: MAR 2017	0	0	1	4	0	5	2.50
☐ 25. X-ray vs. NMR structure of N-terminal domain of delta-subunit of RNA polymerase By: Demo, Gabriel; Papouskova, Veronika; Komarek, Jan; et al. JOURNAL OF STRUCTURAL BIOLOGY Volume: 187 Issue: 2 Pages: 174-186 Published: AUG 2014	2	1	2	0	0	5	1.00
☐ 26. The N-terminal region is crucial for the thermostability of the G-domain of Bacillus stearothermophilus EF-Tu By: Sanderova, Hana; Tiserova, Hana; Barvik, Ivan; et al. BIOCHIMICA ET BIOPHYSICA ACTA-PROTEINS AND PROTEOMICS Volume: 1804 Issue: 1 Pages: 147-155 Published: JAN 2010	0	1	0	1	0	5	0.56
☐ 27. Biofilm Detection by the Impedance Method By: Zikmund, Ales; Ripka, Pavel; Krasny, Libor; et al. Conference: 2010 3rd International Conference on Biomedical Engineering and Informatics (BMEI 2010) Location: Yantai Univ, Yantai, PEOPLES R CHINA Date: OCT 16-18, 2010 Sponsor(s): IEEE Engn Med & Biol Soc 2010 3RD INTERNATIONAL CONFERENCE ON BIOMEDICAL ENGINEERING AND INFORMATICS (BMEI 2010), VOLS 1-7 Book Series: International Conference on Biomedical Engineering and Informatics Pages: 1432-1434 Published: 2010	1	0	1	0	0	5	0.56
☐ 28. 5-(Hydroxymethyl) uracil and -cytosine as potential epigenetic marks enhancing or inhibiting transcription with bacterial RNA polymerase By: Janouskova, Martina; Vanikova, Zuzana; Nici, Fabrizio; et al. CHEMICAL COMMUNICATIONS Volume: 53 Issue: 99 Pages: 13253-13255 Published: DEC 25 2017	0	0	0	4	0	4	2.00
☐ 29. Turning Off Transcription with Bacterial RNA Polymerase through CuAAC Click Reactions of DNA Containing 5-Ethynyluracil By: Slavickova, Michaela; Janouskova, Martina; Simonova, Anna; et al. CHEMISTRY-A EUROPEAN JOURNAL Volume: 24 Issue: 33 Pages: 8311-8314 Published: JUN 12 2018	0	0	0	3	0	3	3.00
☐ 30. S3EPY: a Sparky extension for determination of small scalar couplings from spin-state-selective excitation NMR experiments By: Novak, Petr; Zidek, Lukas; Motackova, Veronika; et al. JOURNAL OF BIOMOLECULAR NMR Volume: 46 Issue: 2 Pages: 191-197 Published: FEB 2010	0	0	1	0	0	3	0.33
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☐ 31. Stirci (Arachnida: Pseudoscorpiones) Dolního Povltavi a Podoripska. Pseudoscorpions (Arachnida: Pseudoscorpiones) of the Lower Vltava River area and the Rip Mt. area. By: Stahlavsky, Frantisek; Krasny, Libor Bohemia Centralis Volume: 28 Pages: 427-436 Published: 2007	1	0	0	0	0	3	0.25
☐ 32. CapZyme-Seq Comprehensively Defines Promoter-Sequence Determinants for RNA 5' Capping with NAD(+) By: Vvedenskaya, Irina O.; Bird, Jeremy G.; Zhang, Yuanchao; et al. MOLECULAR CELL Volume: 70 Issue: 3 Pages: 553-+ Published: MAY 3 2018	0	0	0	2	0	2	2.00
☐ 33. Triple resonance NMR relaxation experiments for studies of intrinsically disordered proteins By: Srb, Pavel; Novacek, Jiri; Kaderavek, Pavel; et al. JOURNAL OF BIOMOLECULAR NMR Volume: 69 Issue: 3 Pages: 133-146 Published: NOV 2017	0	0	0	2	0	2	1.00
☐ 34. Lipophosphonoxins II: Design, Synthesis, and Properties of Novel Broad Spectrum Antibacterial Agents By: Seydlova, Gabriela; Pohl, Radek; Zbornikova, Eva; et al. JOURNAL OF MEDICINAL CHEMISTRY Volume: 60 Issue: 14 Pages: 6098-6118 Published: JUL 27 2017	0	0	0	2	0	2	1.00
☐ 35. Kinetic modelling and meta-analysis of the B. subtilis SigA regulatory network during spore germination and outgrowth By: Ramanluk, O.; Cerny, M.; Krasny, Libor; et al. BIOCHIMICA ET BIOPHYSICA ACTA-GENE REGULATORY MECHANISMS Volume: 1860 Issue: 8 Pages: 894-904 Published: AUG 2017	0	0	0	1	0	1	0.50
☐ 36. Solution structure of domain 1.1 of the sigma(A) factor from Bacillus subtilis is preformed for binding to the RNA polymerase core By: Zachrdla, Milan; Padrt, Petr; Rabatinova, Alzbeta; et al. JOURNAL OF BIOLOGICAL CHEMISTRY Volume: 292 Issue: 28 Pages: 11610-11617 Published: JUL 14 2017	0	0	0	1	0	1	0.50
☐ 37. Relaxation data for sigma1.1 from Bacillus subtilis By: Zachrdla, Milan; Padrt, Petr; Rabatinova, Alzbeta; et al. Biological Magnetic Resonance Data Bank Source URL: http://rest.bmrb.wisc.edu/bmrb/27011/html Document Type: Data set	0	0	1	0	0	1	0.50
☐ 38. Insights into the Mechanism of Action of Bactericidal Lipophosphonoxins By: Panova, Natalya; Zbornikova, Eva; Simak, Ondrej; et al. PLOS ONE Volume: 10 Issue: 12 Article Number: e0145918 Published: DEC 30 2015	0	0	1	0	0	1	0.25
☐ 39. Spx, the central regulator of the heat- and oxidative stress response in B. subtilis, can repress transcription of translation-related genes. By: Schafer, Heinrich; Heinz, Anja; Sudzinova, Petra; et al. Molecular microbiology Published: 2018-Nov-27 (Epub 2018 Nov 27)	0	0	0	0	0	0	0.00
☐ 40. The Core and Holoenzyme forms of RNA Polymerase from Mycobacterium smegmatis. By: Kouba, Tomas; Pospisil, Jiri; Hnilicova, Jarmila; et al. Journal of bacteriology Published: 2018-Nov-26 (Epub 2018 Nov 26)	0	0	0	0	0	0	0.00
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☐	41. Ms1 RNA increases the amount of RNA polymerase in Mycobacterium smegmatis. By: Sikova, Michaela; Janouskova, Martina; Ramanluk, Olga; et al. Molecular microbiology Published: 2018-Nov-14 (Epub 2018 Nov 14)	0	0	0	0	0	0	0.00
☐	42. Transcription apparatus of the yeast virus-like elements: Architecture, function, and evolutionary origin By: Sykora, Michal; Pospisek, Martin; Novak, Josef; et al. PLOS PATHOGENS Volume: 14 Issue: 10 Article Number: e1007377 Published: OCT 2018	0	0	0	0	0	0	0.00
☐	43. sigma(l) from Bacillus subtilis: Impact on Gene Expression and Characterization of sigma(l)-Dependent Transcription That Requires New Types of Promoters with Extended-35 and-10 Elements By: Ramanluk, Olga; Prevorsevsky, Martin; Pospisil, Jiri; et al. JOURNAL OF BACTERIOLOGY Volume: 200 Issue: 17 Article Number: e00251-18 Published: SEP 2018	0	0	0	0	0	0	0.00
☐	44. RNA-seq of Bacillus subtilis (i) sigI-rsgI knock-out strain, (ii) rsgI disrupted strain, and (iii) wt strains during growth at 52[degree]C and 37[degree]C By: Prevorsevsky, Martin; Ramanluk, Olga; Krasny, Libor ArrayExpress Archive Source URL: http://www.ebi.ac.uk/arrayexpress/experiments/E-MTAB-6314 Document Type: Data study	0	0	0	0	0	0	0.00
☐	45. Backbone 15N relaxation data for c-terminal domain of delta subunit of RNA polymerase from bacillus subtilis By: Srb, Pavel; Novacek, Jiri; Kaderavek, Pavel; et al. Biological Magnetic Resonance Data Bank Source URL: http://rest.bmr.b.wisc.edu/bmrb/27245/html Document Type: Data set	0	0	1	0	0	0	0.00
☐	46. Lipophosphonoxins II: Design, Synthesis, and Properties of Novel Broad Spectrum Antibacterial Agents By: Seydlova, Gabriela; Pohl, Radek; Zbornikova, Eva; et al. Figshare DOI: http://dx.doi.org/10.1021/acs.jmedchem.7b00355.s002 Document Type: Data set	0	0	0	0	0	0	0.00
☐	47. Insights into the Mechanism of Action of Bactericidal Lipophosphonoxins By: Panova, Natalya; Zbornikova, Eva; Simak, Ondrej; et al. Figshare Source URL: https://figshare.com/articles/_Insights_Into_the_Mechanism_of_Action_of_Bactericidal_Lipophosphonoxins Document Type: Data study	0	0	0	0	0	0	0.00
☐	48. Relaxation data of the delta subunit of RNA polymerase from Bacillus subtilis By: Papouskova, Veronika; Zidek, Lukas; Kaderavek, Pavel; et al. Biological Magnetic Resonance Data Bank Source URL: http://rest.bmr.b.wisc.edu/bmrb/19284/html Document Type: Data set	0	0	0	0	0	0	0.00
☐	49. Delta subunit of RNA polymerase from Bacillus subtilis By: Motackova, Veronika; Novacek, Jiri; Zawadska-Kazmierczuk, Anna; et al. Biological Magnetic Resonance Data Bank Source URL: http://rest.bmr.b.wisc.edu/bmrb/16912/html Document Type: Data set	0	0	0	0	0	0	0.00
☐	50. Solution structure of the N-terminal domain of Bacillus subtilis delta subunit of RNA polymerase By: Motackova, Veronika; Sanderova, Hana; Zidek, Lukas; et al. Biological Magnetic Resonance Data Bank Source URL: http://rest.bmr.b.wisc.edu/bmrb/16635/html Document Type: Data set	0	0	0	0	0	0	0.00
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☐	51. Pyrrolidine analogues of nucleosides and nucleotides. By: Rejman, Dominik; Pohl, Radek; Kovackova, Sonja; et al. Nucleic acids symposium series (2004) Issue: 52 Pages: 577-8 Published: 2008	0	0	0	0	0	0	0.00
☐	52. Effect of host bacteria genotype on spontaneous reversions of Bacillus subtilis bacteriophage Phi 29 sus17 nonsense codon By: Fucik, V; Beran, J; Krasny, L; et al. FEMS MICROBIOLOGY LETTERS Volume: 183 Issue: 1 Pages: 143-146 Published: FEB 1 2000	0	0	0	0	0	0	0.00
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