

Nataliya Loiko

List of Publications by Year in descending order

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39
papers

338
citations

840776

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40
all docs

40
docs citations

40
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological peculiarities of the DNA-protein complexes in starved Escherichia coli cells. PLoS ONE, 2020, 15, e0231562.	2.5	26
2	Resting forms of Sinorhizobium meliloti. Microbiology, 2011, 80, 472-482.	1.2	19
3	Projection structures reveal the position of the DNA within DNA-Dps Co-crystals. Biochemical and Biophysical Research Communications, 2019, 517, 463-469.	2.1	19
4	Characterization of Bacillus cereus Dissociants. Microbiology, 2001, 70, 698-705.	1.2	18
5	Title is missing!. Microbiology, 2001, 70, 667-677.	1.2	17
6	Comparative Study of the Elemental Composition of Vegetative and Resting Microbial Cells. Microbiology, 2002, 71, 31-40.	1.2	17
7	Adaptation of lactic acid bacteria to unfavorable growth conditions. Microbiology, 2009, 78, 280-289.	1.2	17
8	Comparison of the adaptive potential of the Arthrobacter oxydans and Acinetobacter lwoffii isolates from permafrost sedimentary rock and the analogous collection strains. Microbiology, 2013, 82, 29-42.	1.2	16
9	Biocrystallization of bacterial nucleoid under stress. Russian Journal of Physical Chemistry B, 2017, 11, 833-838.	1.3	14
10	Interaction of deoxyribonucleic acid with deoxyribonucleic acid-binding protein from starved cells: cluster formation and crystal growing as a model of initial stages of nucleoid biocrystallization. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2600-2607.	3.5	14
11	Effect of stress on emergence of antibiotic-tolerant Escherichia coli cells. Microbiology, 2015, 84, 595-609.	1.2	13
12	Biocrystallization in Bacterial and Fungal Cells and Spores. Crystallography Reports, 2018, 63, 594-599.	0.6	12
13	Title is missing!. Microbiology, 2003, 72, 285-294.	1.2	11
14	Possible mechanisms of the influence of hexylresorcinol on the structure-dynamic and functional properties of lysozyme protein. Russian Journal of Physical Chemistry B, 2012, 6, 301-314.	1.3	11
15	Structure of DPS Protein Complexes with DNA. Russian Journal of Physical Chemistry B, 2019, 13, 769-777.	1.3	11
16	The role of microbial dormancy autoinducers in metabolism blockade. Microbiology, 2000, 69, 174-179.	1.2	9
17	Changes in physicochemical properties of proteins, caused by modification with alkylhydroxybenzenes. Applied Biochemistry and Microbiology, 2008, 44, 143-150.	0.9	9
18	Effect of, hexylresorcinol, a chemical analogue of bacterial anabiosis autoinducers on the stability of membrane structures. Applied Biochemistry and Microbiology, 2009, 45, 162-168.	0.9	9

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19	Biocrystalline structures in the nucleoids of the stationary and dormant prokaryotic cells. <i>Microbiology</i> , 2017, 86, 714-727.	1.2	9
20	Antimicrobial features of phenolic lipids. <i>Applied Biochemistry and Microbiology</i> , 2010, 46, 159-165.	0.9	8
21	Effect of inherent immunity factors on development of antibiotic tolerance and survival of bacterial populations under antibiotic attack. <i>Microbiology</i> , 2015, 84, 764-774.	1.2	8
22	Multi-crystal data collection using synchrotron radiation as exemplified with low-symmetry crystals of Dps. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2020, 76, 568-576.	0.8	7
23	Regulatory effect of microbial alkyloxybenzenes of different structure on the stress response of yeast. <i>Applied Biochemistry and Microbiology</i> , 2008, 44, 518-522.	0.9	6
24	Title is missing!. <i>Microbiology</i> , 2002, 71, 262-268.	1.2	4
25	Role of alkylhydroxybenzenes in bacterial adaptation to unfavorable growth conditions. <i>Microbiology</i> , 2010, 79, 747-752.	1.2	4
26	Changes in the phase variant spectra in the populations of lactic acid bacteria under antibiotic treatment. <i>Microbiology</i> , 2014, 83, 195-204.	1.2	4
27	Role of Humic Compounds in Viability Prolongation of the Cells of Hydrocarbon-Oxidizing Bacteria. <i>Microbiology</i> , 2019, 88, 764-768.	1.2	4
28	The influence of alkylhydroxybenzenes on electron stabilization processes in the quinone acceptor portion of the reaction centers of the bacterium <i>Rhodobacter sphaeroides</i> . <i>Microbiology</i> , 2010, 79, 262-264.	1.2	3
29	Applicability of MALDI mass spectrometry for diagnostics of phase variants in bacterial populations. <i>Microbiology</i> , 2015, 84, 328-346.	1.2	3
30	Functional Activity of Humic Substances in Survival Prolongation of Populations of Hydrocarbon-Oxidizing Bacteria <i>Acinetobacter junii</i> . <i>Microbiology</i> , 2020, 89, 74-85.	1.2	3
31	Brain Natriuretic Peptide (BNP) Affects Growth and Stress Tolerance of Representatives of the Human Microbiome, <i>Micrococcus luteus</i> C01 and <i>Alcaligenes faecalis</i> DOS7. <i>Biology</i> , 2022, 11, 984.	2.8	3
32	Development and population structure of mixed (S + M) <i>Pseudomonas aeruginosa</i> cultures in the late stationary growth phase. <i>Microbiology</i> , 2008, 77, 275-280.	1.2	2
33	Immobilization of Cells of Hydrocarbon-oxidizing Bacteria for Petroleum Bioremediation Using New Materials. <i>International Journal of Environmental Research</i> , 2021, 15, 971-984.	2.3	2
34	Effect of the reactivating factor of <i>Luteococcus japonicus</i> subsp. <i>casei</i> on the expression of SOS response genes. <i>Microbiology</i> , 2013, 82, 126-132.	1.2	1
35	Regulation of phase variation in type I pili formation in <i>Escherichia coli</i> : Role of alkylresorcinols, microbial autoregulators. <i>Microbiology</i> , 2017, 86, 560-570.	1.2	1
36	Projection Structures of DNA-Dps Co-crystals are Determined by the Length of the Incorporated DNA. <i>Microscopy and Microanalysis</i> , 2018, 24, 1240-1241.	0.4	1

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37	Nanocrystallization of the nucleoid of bacteria under stress. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e203-e203.	0.1	1
38	Regulation of catalytic activity and functionality of hen egg white lysozyme by alkylhydroxybenzenes. Moscow University Chemistry Bulletin, 2010, 65, 170-174.	0.6	0
39	Regulation of chicken egg lysozyme functional properties by interaction with 5-methylresorcinol. Russian Journal of Physical Chemistry B, 2014, 8, 549-553.	1.3	0