Nataliya Loiko

List of Publications by Year in descending order

39 papers	338 citations	840776 11 h-index	940533 16 g-index
40 all docs	40 docs citations	40 times ranked	217 citing authors

#	Article	IF	Citations
1	Brain Natriuretic Peptide (BNP) Affects Growth and Stress Tolerance of Representatives of the Human Microbiome, Micrococcus luteus C01 and Alcaligenes faecalis DOS7. Biology, 2022, 11, 984.	2.8	3
2	Immobilization of Cells of Hydrocarbon-oxidizing Bacteria for Petroleum Bioremediation Using New Materials. International Journal of Environmental Research, 2021, 15, 971-984.	2.3	2
3	Multi-crystal data collection using synchrotron radiation as exemplified with low-symmetry crystals of Dps. Acta Crystallographica Section F, Structural Biology Communications, 2020, 76, 568-576.	0.8	7
4	Functional Activity of Humic Substances in Survival Prolongation of Populations of Hydrocarbon-Oxidizing Bacteria Acinetobacter junii. Microbiology, 2020, 89, 74-85.	1.2	3
5	Morphological peculiarities of the DNA-protein complexes in starved Escherichia coli cells. PLoS ONE, 2020, 15, e0231562.	2.5	26
6	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
7	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
8	Role of Humic Compounds in Viability Prolongation of the Cells of Hydrocarbon-Oxidizing Bacteria. Microbiology, 2019, 88, 764-768.	1.2	4
9	Structure of DPS Protein Complexes with DNA. Russian Journal of Physical Chemistry B, 2019, 13, 769-777.	1.3	11
10	Projection Structures of DNA-Dps Co-crystals are Determined by the Length of the Incorporated DNA. Microscopy and Microanalysis, 2018, 24, 1240-1241.	0.4	1
11	Biocrystallization in Bacterial and Fungal Cells and Spores. Crystallography Reports, 2018, 63, 594-599.	0.6	12
12	Nanocrystallization of the nucleoid of bacteria under stress. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e203-e203.	0.1	1
13	Biocrystallization of bacterial nucleoid under stress. Russian Journal of Physical Chemistry B, 2017, 11, 833-838.	1.3	14
14	Biocrystalline structures in the nucleoids of the stationary and dormant prokaryotic cells. Microbiology, 2017, 86, 714-727.	1.2	9
15	Regulation of phase variation in type I pili formation in Escherichia coli: Role of alkylresorcinols, microbial autoregulators. Microbiology, 2017, 86, 560-570.	1.2	1
16	Effect of inherent immunity factors on development of antibiotic tolerance and survival of bacterial populations under antibiotic attack. Microbiology, 2015, 84, 764-774.	1.2	8
17	Applicability of MALDI mass spectrometry for diagnostics of phase variants in bacterial populations. Microbiology, 2015, 84, 328-346.	1.2	3
18	Effect of stress on emergence of antibiotic-tolerant Escherichia coli cells. Microbiology, 2015, 84, 595-609.	1.2	13

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19	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
20	Changes in the phase variant spectra in the populations of lactic acid bacteria under antibiotic treatment. Microbiology, 2014, 83, 195-204.	1.2	4
21	Effect of the reactivating factor of Luteococcus japonicus subsp. casei on the expression of SOS response genes. Microbiology, 2013, 82, 126-132.	1.2	1
22	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
23	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
24	Resting forms of Sinorhizobium meliloti. Microbiology, 2011, 80, 472-482.	1.2	19
25	Regulation of catalytic activity and functionality of hen egg white lysozyme by alkylhydroxybenzenes. Moscow University Chemistry Bulletin, 2010, 65, 170-174.	0.6	0
26	Antimicrobic features of phenolic lipids. Applied Biochemistry and Microbiology, 2010, 46, 159-165.	0.9	8
27	The influence of alkylhydroxybenzenes on electron stabilization processes in the quinone acceptor portion of the reaction centers of the bacterium Rhodobacter sphaeroides. Microbiology, 2010, 79, 262-264.	1.2	3
28	Role of alkylhydroxybenzenes in bacterial adaptation to unfavorable growth conditions. Microbiology, 2010, 79, 747-752.	1.2	4
29	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
30	Adaptation of lactic acid bacteria to unfavorable growth conditions. Microbiology, 2009, 78, 280-289.	1.2	17
31	Changes in physicochemical properties of proteins, caused by modification with alkylhydroxybenzenes. Applied Biochemistry and Microbiology, 2008, 44, 143-150.	0.9	9
32	Regulatory effect of microbial alkyloxybenzenes of different structure on the stress response of yeast. Applied Biochemistry and Microbiology, 2008, 44, 518-522.	0.9	6
33	Development and population structure of mixed (S + M) Pseudomonas aeruginosa cultures in the late stationary growth phase. Microbiology, 2008, 77, 275-280.	1.2	2
34	Title is missing!. Microbiology, 2003, 72, 285-294.	1.2	11
35	Title is missing!. Microbiology, 2002, 71, 262-268.	1.2	4
36	Comparative Study of the Elemental Composition of Vegetative and Resting Microbial Cells. Microbiology, 2002, 71, 31-40.	1.2	17

#	Article	IF	Citations
37	Title is missing!. Microbiology, 2001, 70, 667-677.	1.2	17
38	Characterization of Bacillus cereusDissociants. Microbiology, 2001, 70, 698-705.	1.2	18
39	The role of microbial dormancy autoinducers in metabolism blockade. Microbiology, 2000, 69, 174-179.	1.2	9