

Olga A Koksharova

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,131
citations

566801

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h-index

395343

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all docs

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docs citations

38
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Volatile Organic Compounds on Different Organisms: Agrobacteria, Plants and Insects. <i>Microorganisms</i> , 2022, 10, 69.	1.6	14
2	β -N-Methylamino-L-Alanine (BMAA) Causes Severe Stress in <i>Nostoc</i> sp. PCC 7120 Cells under Diazotrophic Conditions: A Proteomic Study. <i>Toxins</i> , 2021, 13, 325.	1.5	7
3	Phylogeographic, toxicological and ecological evidence for the global distribution of <i>Raphidiopsis raciborskii</i> and its northernmost presence in Lake Nero, Central Western Russia. <i>Harmful Algae</i> , 2020, 98, 101889.	2.2	15
4	Four New Genes of Cyanobacterium <i>Synechococcus elongatus</i> PCC 7942 Are Responsible for Sensitivity to 2-Nonanone. <i>Microorganisms</i> , 2020, 8, 1234.	1.6	0
5	The First Proteomic Study of <i>Nostoc</i> sp. PCC 7120 Exposed to Cyanotoxin BMAA under Nitrogen Starvation. <i>Toxins</i> , 2020, 12, 310.	1.5	14
6	Proteomic Insights into Starvation of Nitrogen-Replete Cells of <i>Nostoc</i> sp. PCC 7120 under β -N-Methylamino-L-Alanine (BMAA) Treatment. <i>Toxins</i> , 2020, 12, 372.	1.5	8
7	Cyanobacterial VOCs as Allelopathic Tools. , 2020, , 257-280.		2
8	Inhibition of cyanobacterial photosynthetic activity by natural ketones. <i>Journal of Phycology</i> , 2019, 55, 840-857.	1.0	10
9	Femtosecond Spectroscopy of Au Hot-Electron Injection into TiO ₂ : Evidence for Au/TiO ₂ Plasmon Photocatalysis by Bactericidal Au Ions and Related Phenomena. <i>Nanomaterials</i> , 2019, 9, 217.	1.9	25
10	SprI/SprR Quorum Sensing System of <i>Serratia proteamaculans</i> 94. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	4
11	Stress effects of cyanotoxin β -methylamino-L-alanine (BMAA) on cyanobacterial heterocyst formation and functionality. <i>Environmental Microbiology Reports</i> , 2018, 10, 369-377.	1.0	19
12	Removal of Antimicrobial Peptides from Aqueous Solutions Using Carbon Nanotubes. <i>Nanotechnologies in Russia</i> , 2018, 13, 443-447.	0.7	3
13	The Cyanotoxin BMAA Induces Heterocyst Specific Gene Expression in <i>Anabaena</i> sp. PCC 7120 under Repressive Conditions. <i>Toxins</i> , 2018, 10, 478.	1.5	11
14	Interaction of various types of photosystem I complexes with exogenous electron acceptors. <i>Photosynthesis Research</i> , 2017, 133, 175-184.	1.6	8
15	Nanocomplexes on the basis of Taunit associated with biocides as effective anti-cyanobacterial agents. <i>Russian Journal of Plant Physiology</i> , 2017, 64, 833-838.	0.5	1
16	Ketones 2-heptanone, 2-nonanone, and 2-undecanone inhibit DnaK-dependent refolding of heat-inactivated bacterial luciferases in <i>Escherichia coli</i> cells lacking small chaperon IbpB. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5765-5771.	1.7	20
17	Influence of volatile organic compounds emitted by <i>Pseudomonas</i> and <i>Serratia</i> strains on <i>Agrobacterium tumefaciens</i> biofilms. <i>Apms</i> , 2016, 124, 586-594.	0.9	24
18	Biochemical and Molecular Phylogenetic Study of Agriculturally Useful Association of a Nitrogen-Fixing Cyanobacterium and Nodule <i>Sinorhizobium</i> with <i>Medicago sativa</i> L. <i>BioMed Research International</i> , 2015, 2015, 1-16.	0.9	2

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19	Inhibitory and Toxic Effects of Volatiles Emitted by Strains of <i>Pseudomonas</i> and <i>Serratia</i> on Growth and Survival of Selected Microorganisms, <i>Caenorhabditis elegans</i> , and <i>Drosophila melanogaster</i> . <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	98
20	HepK, a protein-histidine kinase from the cyanobacterium <i>Anabaena</i> sp. strain PCC 7120, binds sequence-specifically to DNA. <i>Trends in Bacteriology</i> , 2014, 1, 3.	0.0	0
21	Molecular phylogeny of a green microalga isolated from White Sea sponge <i>Halichondria panicea</i> (Pallas, 1766). <i>Russian Journal of Plant Physiology</i> , 2013, 60, 536-540.	0.5	5
22	The pleiotropic effects of <i>ftn2</i> and <i>ftn6</i> mutations in cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>Protoplasma</i> , 2013, 250, 931-942.	1.0	15
23	Comparative and evolutionary aspects of cyanobacteria and plant plastid division study. <i>Russian Journal of Plant Physiology</i> , 2013, 60, 453-464.	0.5	1
24	Molecular Identification and Ultrastructural and Phylogenetic Studies of Cyanobacteria from Association with the White Sea Hydroid <i>Dynamena pumila</i> (L., 1758). <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	4
25	Activation of bioluminescence of sensor <i>Escherichia coli</i> strains used to detect N-acyl-homoserine lactones in presence of nitrofurans and NO generators. <i>Molecular Genetics, Microbiology and Virology</i> , 2010, 25, 71-76.	0.0	1
26	Application of molecular genetic and microbiological techniques in ecology and biotechnology of cyanobacteria. <i>Microbiology</i> , 2010, 79, 721-734.	0.5	10
27	Effect of nitrofurans and NO generators on biofilm formation by <i>Pseudomonas aeruginosa</i> PAO1 and <i>Burkholderia cenocepacia</i> 370. <i>Research in Microbiology</i> , 2009, 160, 353-357.	1.0	32
28	Comparative proteomics of cell division mutants and wild-type of <i>Synechococcus</i> sp. strain PCC 7942. <i>Microbiology (United Kingdom)</i> , 2007, 153, 2505-2517.	0.7	25
29	The first protein map of <i>Synechococcus</i> sp. strain PCC 7942. <i>Microbiology</i> , 2006, 75, 664-672.	0.5	6
30	EPR study of electron transport in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803: Oxygen-dependent interrelations between photosynthetic and respiratory electron transport chains. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2005, 1708, 238-249.	0.5	36
31	ARC6 Is a J-Domain Plastid Division Protein and an Evolutionary Descendant of the Cyanobacterial Cell Division Protein <i>Ftn2</i> [W]. <i>Plant Cell</i> , 2003, 15, 1918-1933.	3.1	237
32	A Novel Gene That Bears a DnaJ Motif Influences Cyanobacterial Cell Division. <i>Journal of Bacteriology</i> , 2002, 184, 5524-5528.	1.0	103
33	Novel DNA-Binding Proteins in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2002, 184, 3931-3940.	1.0	32
34	Genetic tools for cyanobacteria. <i>Applied Microbiology and Biotechnology</i> , 2002, 58, 123-137.	1.7	191
35	HcwA, an Autolysin, Is Required for Heterocyst Maturation in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2001, 183, 6841-6851.	1.0	46
36	Genetic and biochemical evidence for distinct key functions of two highly divergent GAPDH genes in catabolic and anabolic carbon flow of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Plant Molecular Biology</i> , 1998, 36, 183-194.	2.0	98

#	ARTICLE	IF	CITATIONS
37	â€œEcological photobiologyâ€™ session of the Russian Photobiology Society 9th Congress (Shepsi,) Tj ETQq1 1 0.784314 rgBT /Overl	1.5	1