

Miroslav Å¹/₂iviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

322
citations

933447

10
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996975

15
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40
all docs

40
docs citations

40
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Processing of whey from dairy industry waste. <i>Environmental Chemistry Letters</i> , 2005, 3, 29-32.	16.2	29
2	Influence of a Trout Farm on Water Quality and Macrozoobenthos Communities of the Receiving Stream (TreÄnjica River, Serbia). <i>International Review of Hydrobiology</i> , 2009, 94, 673-687.	0.9	26
3	Numerical and experimental LDL transport through arterial wall. <i>Microfluidics and Nanofluidics</i> , 2014, 16, 455-464.	2.2	18
4	Investigation of the radical scavenging potency of hydroxybenzoic acids and their carboxylate anions. <i>Monatshefte FÄ¼r Chemie</i> , 2014, 145, 953-962.	1.8	18
5	The response of chironomid taxonomy- and functional trait-based metrics to fish farm effluent pollution in lotic systems. <i>Environmental Pollution</i> , 2018, 242, 1058-1066.	7.5	17
6	The interactions of vanadium with <i>Phycomyces blakesleeanus</i> mycelium: enzymatic reduction, transport and metabolic effects. <i>Research in Microbiology</i> , 2013, 164, 61-69.	2.1	13
7	Fatty Acids Predominantly Affect Anti-Hydroxyl Radical Activity and FRAP Value: The Case Study of Two Edible Mushrooms. <i>Antioxidants</i> , 2019, 8, 480.	5.1	13
8	Oxygen regulation of alternative respiration in fungus <i>Phycomyces blakesleeanus</i> : connection with phosphate metabolism. <i>Research in Microbiology</i> , 2013, 164, 770-778.	2.1	12
9	The response of phytoplankton, zooplankton and macrozoobenthos communities to change in the water supply from surface to groundwater in aquaculture ponds. <i>Annales De Limnologie</i> , 2014, 50, 131-141.	0.6	12
10	Evaluation of oxidative stress biomarkers in the freshwater gammarid <i>Gammarus dulensis</i> exposed to trout farm outputs. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 84-95.	6.0	11
11	HPLC, UV-Vis and NMR spectroscopic and DFT characterization of purpurin isolated from <i>Rubia tinctorum</i> L.. <i>Hemijaska Industrija</i> , 2013, 67, 77-88.	0.7	11
12	Outwardly Rectifying Anionic Channel from the Plasma Membrane of the Fungus <i>Phycomyces blakesleeanus</i> . <i>Eukaryotic Cell</i> , 2009, 8, 1439-1448.	3.4	10
13	51V NMR investigation of cell-associated vanadate species in <i>Phycomyces blakesleeanus</i> mycelium. <i>Research in Microbiology</i> , 2016, 167, 521-528.	2.1	10
14	Synthesis and Biological Screening of New 4-Hydroxycoumarin Derivatives and Their Palladium(II) Complexes. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	4.0	10
15	Vanadate Influence on Metabolism of Sugar Phosphates in Fungus <i>Phycomyces blakesleeanus</i> . <i>PLoS ONE</i> , 2014, 9, e102849.	2.5	10
16	The effects of geothermal water inflow on longitudinal changes in benthic macroinvertebrate community composition of a temperate stream. <i>Journal of Thermal Biology</i> , 2013, 38, 255-263.	2.5	9
17	31P NMR study of polyphosphate levels during different growth phases of <i>Phycomyces blakesleeanus</i> . <i>Antonie Van Leeuwenhoek</i> , 2007, 91, 169-177.	1.7	8
18	Global warming effects on benthic macroinvertebrates: a model case study from a small geothermal stream. <i>Hydrobiologia</i> , 2014, 732, 147-159.	2.0	8

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19	Alternative respiration of fungus <i>Phycomyces blakesleeanus</i> . <i>Antonie Van Leeuwenhoek</i> , 2009, 95, 207-217.	1.7	7
20	Can Oxidation-Reduction Potential of Cerebrospinal Fluid Be a Monitoring Biomarker in Amyotrophic Lateral Sclerosis?. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1570-1575.	5.4	7
21	The Effect of Anoxia on PolyP Content of <i>Phycomyces blakesleeanus</i> Mycelium Studied by ³¹ P NMR Spectroscopy. <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 482-486.	3.8	6
22	Influence of a trout farm on macrozoobenthos communities of the Tresnjica river, Serbia. <i>Archives of Biological Sciences</i> , 2009, 61, 483-492.	0.5	6
23	A New Model System for Investigation of Ionic Channels in Filamentous Fungi: Evidence for Existence of Two K ⁺ -Permeable Ionic Channels in <i>Phycomyces blakesleeanus</i> . <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 491-495.	3.8	5
24	Osmotic swelling activates a novel anionic current with VRAC-like properties in a cytoplasmic droplet membrane from <i>Phycomyces blakesleeanus</i> sporangiophores. <i>Research in Microbiology</i> , 2015, 166, 162-173.	2.1	5
25	The influence of supplement feed preparation on the fatty acid composition of carp and Chironomidae larvae in a semi-intensive production system. <i>Archives of Biological Sciences</i> , 2013, 65, 1387-1396.	0.5	5
26	How changes in water quality under the influence of land-based trout farms shape chemism of the recipient streams—case study from Serbia. <i>Aquaculture International</i> , 2019, 27, 1625-1641.	2.2	4
27	Influence of trout farm effluents on selected oxidative stress biomarkers in larvae of <i>Ecdyonurus venosus</i> (Ephemeroptera, Heptageniidae). <i>Archives of Biological Sciences</i> , 2019, 71, 225-233.	0.5	4
28	New Records of <i>Thremma anomalum</i> (Trichoptera: Uenoidae) from Southeastern Europe with Notes on its Ecology. <i>Entomological News</i> , 2013, 123, 206-219.	0.2	3
29	<i>Ithytrichia</i> Eaton, 1873 (Hydroptilidae: Trichoptera): A Genus New for the Entomofauna of Serbia. <i>Entomological News</i> , 2015, 125, 52-62.	0.2	3
30	The interactions of vanadate monomer with the mycelium of fungus <i>Phycomyces blakesleeanus</i> : reduction or uptake?. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 365-373.	1.7	3
31	Effects of anoxia on ³¹ P NMR spectra of <i>Phycomyces blakesleeanus</i> during development. <i>Archives of Biological Sciences</i> , 2009, 61, 17-22.	0.5	3
32	Fatty acid profile in muscles of carp (<i>Cyprinus carpio</i> L.) raised in a semi-intensive production system fed with grains, pelleted and extruded feed. <i>Archives of Biological Sciences</i> , 2014, 66, 877-887.	0.5	3
33	Effect of long-term cyanide exposure on cyanide-sensitive respiration and phosphate metabolism in the fungus <i>Phycomyces blakesleeanus</i> . <i>Archives of Biological Sciences</i> , 2014, 66, 847-857.	0.5	3
34	Growth inhibition of fungus <i>Phycomyces blakesleeanus</i> by anion channel inhibitors anthracene-9-carboxylic and niflumic acid attained through decrease in cellular respiration and energy metabolites. <i>Microbiology (United Kingdom)</i> , 2017, 163, 364-372.	1.8	3
35	Intracellular Ca ²⁺ changes induced by D ₂ O/H ₂ O solvent isotope exchange in devacuolated internodal cells of <i>Chara gymnophylla</i> . <i>Plant Science</i> , 2001, 161, 569-578.	3.6	2
36	Biochemical and histological characterization of succulent plant <i>Tacitus bellus</i> response to <i>Fusarium verticillioides</i> infection in vitro. <i>Journal of Plant Physiology</i> , 2020, 244, 153086.	3.5	2

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37	Influence of sunflower oil qualities and antioxidants on oxidative stability on whey-based salad dressings. <i>Acta Chimica Slovenica</i> , 2012, 59, 42-9.	0.6	2
38	Effects of ion transport inhibitors on D2O induced action potential in Characeae. <i>Plant Science</i> , 1997, 128, 121-129.	3.6	1
39	Accumulation and seasonal variation of toxic and trace elements in tissues of <i>Cyprinus carpio</i> from semi-intensive aquaculture ponds. <i>Annales De Limnologie</i> , 2018, 54, 4.	0.6	0