

# Miroslav Å<sup>1</sup>/<sub>2</sub>iviÄ

## List of Publications by Year in descending order

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39  
papers

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citations

933447

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	<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
15	Numerical and experimental LDL transport through arterial wall. <i>Microfluidics and Nanofluidics</i> , 2014, 16, 455-464.	2.2	18
16	Investigation of the radical scavenging potency of hydroxybenzoic acids and their carboxylate anions. <i>Monatshefte für Chemie</i> , 2014, 145, 953-962.	1.8	18
17	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
18	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

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19	Vanadate Influence on Metabolism of Sugar Phosphates in Fungus <i>Phycomyces blakesleeanus</i> . PLoS ONE, 2014, 9, e102849.	2.5	10
20	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. Archives of Biological Sciences, 2014, 66, 877-887.	0.5	3
21	Effect of long-term cyanide exposure on cyanide-sensitive respiration and phosphate metabolism in the fungus <i>Phycomyces blakesleeanus</i> . Archives of Biological Sciences, 2014, 66, 847-857.	0.5	3
22	The effects of geothermal water inflow on longitudinal changes in benthic macroinvertebrate community composition of a temperate stream. Journal of Thermal Biology, 2013, 38, 255-263.	2.5	9
23	New Records of <i>Thremma anomalum</i> (Trichoptera: Ulenoidae) from Southeastern Europe with Notes on its Ecology. Entomological News, 2013, 123, 206-219.	0.2	3
24	Oxygen regulation of alternative respiration in fungus <i>Phycomyces blakesleeanus</i> : connection with phosphate metabolism. Research in Microbiology, 2013, 164, 770-778.	2.1	12
25	The interactions of vanadium with <i>Phycomyces blakesleeanus</i> mycelium: enzymatic reduction, transport and metabolic effects. Research in Microbiology, 2013, 164, 61-69.	2.1	13
26	The influence of supplement feed preparation on the fatty acid composition of carp and Chironomidae larvae in a semi-intensive production system. Archives of Biological Sciences, 2013, 65, 1387-1396.	0.5	5
27	HPLC, UV-Vis and NMR spectroscopic and DFT characterization of purpurin isolated from <i>Rubia tinctorum</i> L. Hemijska Industrija, 2013, 67, 77-88.	0.7	11
28	Influence of sunflower oil qualities and antioxidants on oxidative stability on whey-based salad dressings. Acta Chimica Slovenica, 2012, 59, 42-9.	0.6	2
29	Outwardly Rectifying Anionic Channel from the Plasma Membrane of the Fungus <i>Phycomyces blakesleeanus</i> . Eukaryotic Cell, 2009, 8, 1439-1448.	3.4	10
30	Influence of a Trout Farm on Water Quality and Macrozoobenthos Communities of the Receiving Stream (Trešnjica River, Serbia). International Review of Hydrobiology, 2009, 94, 673-687.	0.9	26
31	Alternative respiration of fungus <i>Phycomyces blakesleeanus</i> . Antonie Van Leeuwenhoek, 2009, 95, 207-217.	1.7	7
32	Effects of anoxia on <sup>31</sup> P NMR spectra of <i>Phycomyces blakesleeanus</i> during development. Archives of Biological Sciences, 2009, 61, 17-22.	0.5	3
33	Influence of a trout farm on macrozoobenthos communities of the Tresnjica river, Serbia. Archives of Biological Sciences, 2009, 61, 483-492.	0.5	6
34	<sup>31</sup> P NMR study of polyphosphate levels during different growth phases of <i>Phycomyces blakesleeanus</i> . Antonie Van Leeuwenhoek, 2007, 91, 169-177.	1.7	8
35	The Effect of Anoxia on PolyP Content of <i>Phycomyces blakesleeanus</i> Mycelium Studied by <sup>31</sup> P NMR Spectroscopy. Annals of the New York Academy of Sciences, 2005, 1048, 482-486.	3.8	6
36	A New Model System for Investigation of Ionic Channels in Filamentous Fungi: Evidence for Existence of Two K <sup>+</sup> -Permeable Ionic Channels in <i>Phycomyces blakesleeanus</i> . Annals of the New York Academy of Sciences, 2005, 1048, 491-495.	3.8	5

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37	Processing of whey from dairy industry waste. <i>Environmental Chemistry Letters</i> , 2005, 3, 29-32.	16.2	29
38	Intracellular Ca <sup>2+</sup> changes induced by D <sub>2</sub> O/H <sub>2</sub> O solvent isotope exchange in devacuolated internodal cells of <i>Chara gymnophylla</i> . <i>Plant Science</i> , 2001, 161, 569-578.	3.6	2
39	Effects of ion transport inhibitors on D <sub>2</sub> O induced action potential in Characeae. <i>Plant Science</i> , 1997, 128, 121-129.	3.6	1