

Evzen Stuchlik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7276610/publications.pdf>

Version: 2024-02-01

74
papers

2,427
citations

159585
30
h-index

214800
47
g-index

77
all docs

77
docs citations

77
times ranked

2191
citing authors

#	ARTICLE	IF	CITATIONS
1	Global change revealed by palaeolimnological records from remote lakes: a review. Journal of Paleolimnology, 2013, 49, 513-535.	1.6	173
2	Title is missing!. Journal of Paleolimnology, 2002, 28, 25-46.	1.6	135
3	Ecological thresholds in European alpine lakes. Freshwater Biology, 2009, 54, 2494-2517.	2.4	117
4	Regionalisation of chemical variability in European mountain lakes. Freshwater Biology, 2009, 54, 2452-2469.	2.4	91
5	Atmospheric Semivolatile Organochlorine Compounds in European High-Mountain Areas (Central) Tj ETQq1 1 0.784314 rgBT /Overlook	10.0	85
6	Regionalisation of remote European mountain lake ecosystems according to their biota: environmental versus geographical patterns. Freshwater Biology, 2009, 54, 2470-2493.	2.4	79
7	Trace elements in alpine and arctic lake sediments as a record of diffuse atmospheric contamination across Europe. Freshwater Biology, 2009, 54, 2518-2532.	2.4	78
8	Factors governing nutrient status of mountain lakes in the Tatra Mountains. Freshwater Biology, 2000, 43, 369-383.	2.4	75
9	Altitudinal Gradients of PBDEs and PCBs in Fish from European High Mountain Lakes. Environmental Science & Technology, 2007, 41, 2196-2202.	10.0	65
10	Long-Range Transported Atmospheric Pollutants in Snowpacks Accumulated at Different Altitudes in the Tatra Mountains (Slovakia). Environmental Science & Technology, 2011, 45, 9268-9275.	10.0	64
11	Reversibility of acidification of mountain lakes after reduction in nitrogen and sulphur emissions in Central Europe. Limnology and Oceanography, 1998, 43, 357-361.	3.1	62
12	Natural inactivation of phosphorus by aluminum in atmospherically acidified water bodies. Water Research, 2001, 35, 3783-3790.	11.3	61
13	Hysteresis in Reversal of Central European Mountain Lakes from Atmospheric Acidification. Water, Air and Soil Pollution, 2002, 2, 91-114.	0.8	58
14	Acidification of lakes in Āumava (Bohemia) and in the High Tatra Mountains (Slovakia). Hydrobiologia, 1994, 274, 37-47.	2.0	57
15	Chemical composition of the Tatra Mountain lakes: Recovery from acidification. Biologia (Poland), 2006, 61, S21-S33.	1.5	57
16	Phosphorus loading of mountain lakes: Terrestrial export and atmospheric deposition. Limnology and Oceanography, 2011, 56, 1343-1354.	3.1	56
17	Atmospheric polycyclic aromatic hydrocarbons in remote European and Atlantic sites located above the boundary mixing layer. Environmental Science and Pollution Research, 2010, 17, 1207-1216.	5.3	55
18	Water temperatures and ice cover in lakes of the Tatra Mountains. Biologia (Poland), 2006, 61, S77-S90.	1.5	53

#	ARTICLE	IF	CITATIONS
19	Response of alpine lakes and soils to changes in acid deposition: the MAGIC model applied to the Tatra Mountain region, Slovakia-Poland. <i>Journal of Limnology</i> , 2004, 63, 143.	1.1	52
20	Long-term trends and spatial variability in nitrate leaching from alpine catchmentâ€“lake ecosystems in the Tatra Mountains (Slovakiaâ€“Poland). <i>Environmental Pollution</i> , 2005, 136, 89-101.	7.5	51
21	Effects of Acidic Deposition on in-Lake Phosphorus Availability: A Lesson from Lakes Recovering from Acidification. <i>Environmental Science & Technology</i> , 2015, 49, 2895-2903.	10.0	49
22	The nitrogen phosphorus relationship in mountain lakes: Influence of atmospheric input, watershed, and pH. <i>Limnology and Oceanography</i> , 1995, 40, 930-937.	3.1	48
23	Acidification in European mountain lake districts: A regional assessment of critical load exceedance. <i>Aquatic Sciences</i> , 2005, 67, 237-251.	1.5	47
24	Phytoplankton and Zooplankton Associations in a Set of Alpine High Altitude Lakes: Geographic Distribution and Ecology. <i>Hydrobiologia</i> , 2006, 562, 99-122.	2.0	47
25	Chemical and Biochemical Characteristics of Alpine Soils in the Tatra Mountains and their Correlation with Lake Water Quality. <i>Water, Air, and Soil Pollution</i> , 2004, 153, 307-328.	2.4	46
26	Phytoplankton in three Tatra Mountain lakes of different acidification status. <i>Journal of Limnology</i> , 1999, 58, 107.	1.1	43
27	Diversity and distribution patterns of benthic invertebrates along alpine gradients. A study of remote European freshwater lakes. <i>Advances in Limnology</i> , 2009, 62, 167-190.	0.4	37
28	Climate Change Increasing Calcium and Magnesium Leaching from Granitic Alpine Catchments. <i>Environmental Science & Technology</i> , 2017, 51, 159-166.	10.0	35
29	Acidification and the structure of crustacean zooplankton in mountain lakes: The Tatra Mountains (Slovakia, Poland). <i>Biologia (Poland)</i> , 2006, 61, S121-S134.	1.5	34
30	Chemical composition of the Tatra Mountain lakes: Response to acidification. <i>Biologia (Poland)</i> , 2006, 61, S11-S20.	1.5	33
31	Polycyclic Aromatic Hydrocarbons in Soils from European High Mountain Areas. <i>Water, Air, and Soil Pollution</i> , 2011, 215, 655-666.	2.4	30
32	Polycyclic aromatic hydrocarbons in lake sediments from the High Tatras. <i>Environmental Pollution</i> , 2011, 159, 1234-1240.	7.5	29
33	Effect of humic acid on water chemistry, bioavailability and toxicity of aluminium in the freshwater snail, <i>Lymnaea stagnalis</i> , at neutral pH. <i>Environmental Pollution</i> , 2006, 140, 340-347.	7.5	25
34	Chemical characteristics of lakes in the High Tatra Mountains, Slovakia. <i>Hydrobiologia</i> , 1994, 274, 49-56.	2.0	22
35	Atmospheric deposition of polybromodiphenyl ethers in remote mountain regions of Europe. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4441-4457.	4.9	21
36	Catchment biogeochemistry modifies long-term effects of acidic deposition on chemistry of mountain lakes. <i>Biogeochemistry</i> , 2015, 125, 315-335.	3.5	21

#	ARTICLE	IF	CITATIONS
37	Cosmic-Impact Event in Lake Sediments from Central Europe Postdates the Laacher See Eruption and Marks Onset of the Younger Dryas. <i>Journal of Geology</i> , 2018, 126, 561-575.	1.4	21
38	Are they still viable? Physical conditions and abundance of <i>Daphnia pulicaria</i> resting eggs in sediment cores from lakes in the Tatra Mountains. <i>Biologia (Poland)</i> , 2006, 61, S135-S146.	1.5	20
39	Long-term change of the littoral Cladocera in the Tatra Mountain lakes through a major acidification event. <i>Biologia (Poland)</i> , 2006, 61, S109-S119.	1.5	19
40	Drivers of atmospheric deposition of polycyclic aromatic hydrocarbons at European high-altitude sites. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16081-16097.	4.9	18
41	Climate change accelerates recovery of the Tatra Mountain lakes from acidification and increases their nutrient and chlorophyll a concentrations. <i>Aquatic Sciences</i> , 2019, 81, 1.	1.5	17
42	Seasonal dynamics of chironomids in the profundal zone of a mountain lake (L'adov' pleso, the Tatra) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	16
43	Increasing and decreasing trends of the atmospheric deposition of organochlorine compounds in European remote areas during the last decade. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6069-6085.	4.9	16
44	Phytoplankton of a mountain lake (L'adov' pleso, the Tatra Mountains, Slovakia): Seasonal development and first indications of a response to decreased acid deposition. <i>Biologia (Poland)</i> , 2006, 61, S91-S100.	1.5	15
45	Macroinvertebrate Community and Chemistry of the Most Atmospherically Acidified Streams in the Czech Republic. <i>Water, Air, and Soil Pollution</i> , 2006, 173, 261-272.	2.4	13
46	Role of exogenous and endogenous silicon in ameliorating behavioural responses to aluminium in a freshwater snail. <i>Environmental Pollution</i> , 2004, 132, 427-433.	7.5	12
47	Holocene subfossil chironomid stratigraphy (Diptera: Chironomidae) in the sediment of Ple'jn' Lake (the Bohemian Forest, Czech Republic): Palaeoenvironmental implications. <i>Biologia (Poland)</i> , 2006, 61, S401-S411.	1.5	11
48	Complexity in the Biological Recovery of Tatra Mountain Lakes from Acidification. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	11
49	Chemical characteristics of lakes in the High Tatra Mountains, Slovakia. , 1994, , 49-56.		11
50	Predicting long-term recovery of a strongly acidified stream using MAGIC and climate models (Litavka,) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.9	10
51	Differences in benthic macroinvertebrate structure of headwater streams with extreme hydrochemistry. <i>Biologia (Poland)</i> , 2013, 68, 303-313.	1.5	10
52	Acid atmospheric deposition in a forested mountain catchment. <i>IForest</i> , 2017, 10, 680-686.	1.4	10
53	Concentration of nutrients in selected lakes in the High Tatra Mountains, Slovakia: effect of season and watershed. <i>Hydrobiologia</i> , 1996, 319, 47-55.	2.0	9
54	Chemical composition of modern and pre-acidification sediments in the Tatra Mountain lakes. <i>Biologia (Poland)</i> , 2006, 61, S65-S76.	1.5	9

#	ARTICLE	IF	CITATIONS
55	Littoral macroinvertebrates of acidified lakes in the Bohemian Forest. <i>Biologia (Poland)</i> , 2014, 69, 1190-1201.	1.5	8
56	Feeding behaviour and morphology of filtering combs of <i>Daphnia galeata</i> . <i>Hydrobiologia</i> , 1991, 225, 155-167.	2.0	7
57	Water-quality genesis in a mountain catchment affected by acidification and forestry practices. <i>Freshwater Science</i> , 2019, 38, 257-269.	1.8	7
58	Impacts of land use policy on the recovery of mountain catchments from acidification. <i>Land Use Policy</i> , 2019, 80, 439-448.	5.6	7
59	Long-Term Changes in the Bioaccumulation of As, Cd, Pb, and Hg in Macroinvertebrates from the Elbe River (Czech Republic). <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3511-3526.	2.4	6
60	Spatial distribution of polychlorinated biphenyls in High Tatras lake sediments. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6594-6600.	5.3	6
61	Diverse effects of accelerating climate change on chemical recovery of alpine lakes from acidic deposition in soil-rich versus scree-rich catchments. <i>Environmental Pollution</i> , 2021, 284, 117522.	7.5	6
62	Structure of pelagic microbial assemblages in European mountain lakes during ice-free season. <i>Advances in Limnology</i> , 2009, 62, 19-53.	0.4	6
63	Brown and brook trout populations in the Tatra Mountain lakes (Slovakia, Poland) and contamination by long-range transported pollutants. <i>Biologia (Poland)</i> , 2015, 70, 516-529.	1.5	5
64	Evidence for responses in water chemistry and macroinvertebrates in a strongly acidified mountain stream. <i>Biologia (Poland)</i> , 2017, 72, 1049-1058.	1.5	5
65	Role of forests in headwater control with changing environment and society. <i>International Soil and Water Conservation Research</i> , 2021, 9, 143-157.	6.5	5
66	Acidification in European mountain lake districts: A regional assessment of critical load exceedance. <i>Aquatic Sciences</i> , 2005, 67, 237-251.	1.5	5
67	Hydrological processes in small catchments of mountain headwater lakes: The Tatra Mountains. <i>Biologia (Poland)</i> , 2006, 61, S1-S10.	1.5	4
68	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2001, 130, 1703-1708.	2.4	3
69	Environmental and biological characteristics of high altitude lochs in Scotland. <i>Advances in Limnology</i> , 2009, 62, 379-417.	0.4	3
70	Identification of the Younger Dryas onset was confused by the Laacher See volcanic eruption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	2
71	Impacts of an extreme flood on the ecosystem of a headwater stream. <i>Journal of Limnology</i> , 0, , .	1.1	2
72	Benthic macroinvertebrates along the Czech part of the Labe and lower section of the Vltava rivers from 1996â€“2005, with a particular focus on rare and alien species. <i>Biologia (Poland)</i> , 2014, 69, 508-521.	1.5	1

#	ARTICLE	IF	CITATIONS
73	Clear water and community grazing in a carp pond. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1994, 25, 1337-1341.	0.1	0
74	Living organisms and sedimentary remains from high mountain lakes in the Alps. Journal of Limnology, 0, , .	1.1	0