

# Jiri Kopacek

## List of Publications by Year in descending order

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155  
papers

6,921  
citations

57631

44  
h-index

71532

76  
g-index

159  
all docs

159  
docs citations

159  
times ranked

5944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissolved organic carbon trends resulting from changes in atmospheric deposition chemistry. <i>Nature</i> , 2007, 450, 537-540.	13.7	1,471
2	Recovery from acidification in European surface waters. <i>Hydrology and Earth System Sciences</i> , 2001, 5, 283-298.	1.9	226
3	Mountain lakes: Eyes on global environmental change. <i>Global and Planetary Change</i> , 2019, 178, 77-95.	1.6	185
4	Global change revealed by palaeolimnological records from remote lakes: a review. <i>Journal of Paleolimnology</i> , 2013, 49, 513-535.	0.8	173
5	Aluminum Control of Phosphorus Sorption by Lake Sediments. <i>Environmental Science &amp; Technology</i> , 2005, 39, 8784-8789.	4.6	172
6	Title is missing!. <i>Journal of Paleolimnology</i> , 2002, 28, 25-46.	0.8	135
7	Response of sulphur dynamics in European catchments to decreasing sulphate deposition. <i>Hydrology and Earth System Sciences</i> , 2001, 5, 311-326.	1.9	121
8	Recovery of Acidified European Surface Waters. <i>Environmental Science &amp; Technology</i> , 2005, 39, 64A-72A.	4.6	117
9	Sulfur and nitrogen emissions in the Czech Republic and Slovakia from 1850 till 2000. <i>Atmospheric Environment</i> , 2005, 39, 2179-2188.	1.9	104
10	Regionalisation of chemical variability in European mountain lakes. <i>Freshwater Biology</i> , 2009, 54, 2452-2469.	1.2	91
11	Nitrogen, organic carbon and sulphur cycling in terrestrial ecosystems: linking nitrogen saturation to carbon limitation of soil microbial processes. <i>Biogeochemistry</i> , 2013, 115, 33-51.	1.7	87
12	Sulphur and nitrogen fluxes and budgets in the Bohemian Forest and Tatra Mountains during the Industrial Revolution (1850-2000). <i>Hydrology and Earth System Sciences</i> , 2001, 5, 391-406.	1.9	84
13	Widespread diminishing anthropogenic effects on calcium in freshwaters. <i>Scientific Reports</i> , 2019, 9, 10450.	1.6	84
14	Phosphorus availability in an acidified watershed lake ecosystem. <i>Limnology and Oceanography</i> , 2000, 45, 212-225.	1.6	83
15	Long-term studies (1871–2000) on acidification and recovery of lakes in the Bohemian Forest (central Tatra Mountains). <i>Hydrology and Earth System Sciences</i> , 2001, 5, 391-406.	1.9	83
16	Semi-Micro Determination of Total Phosphorus in Fresh Waters with Perchloric Acid Digestion. <i>International Journal of Environmental Analytical Chemistry</i> , 1993, 53, 173-183.	1.8	82
17	Factors governing nutrient status of mountain lakes in the Tatra Mountains. <i>Freshwater Biology</i> , 2000, 43, 369-383.	1.2	75
18	Determination of low chemical oxygen demand values in water by the dichromate semi-micro method. <i>Analyst</i> , 1990, 115, 1463-1467.	1.7	67

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19	Modelling reversibility of Central European mountain lakes from acidification: Part I - the Bohemian forest. <i>Hydrology and Earth System Sciences</i> , 2003, 7, 494-509.	1.9	65
20	Consequence of altered nitrogen cycles in the coupled human and ecological system under changing climate: The need for long-term and site-based research. <i>Ambio</i> , 2015, 44, 178-193.	2.8	63
21	Reversibility of acidification of mountain lakes after reduction in nitrogen and sulphur emissions in Central Europe. <i>Limnology and Oceanography</i> , 1998, 43, 357-361.	1.6	62
22	Modelling the effect of climate change on recovery of acidified freshwaters: Relative sensitivity of individual processes in the MAGIC model. <i>Science of the Total Environment</i> , 2006, 365, 154-166.	3.9	62
23	Natural inactivation of phosphorus by aluminum in atmospherically acidified water bodies. <i>Water Research</i> , 2001, 35, 3783-3790.	5.3	61
24	Freshwater lakes of Ulu Peninsula, James Ross Island, north-east Antarctic Peninsula: origin, geomorphology and physical and chemical limnology. <i>Antarctic Science</i> , 2013, 25, 358-372.	0.5	60
25	Hysteresis in Reversal of Central European Mountain Lakes from Atmospheric Acidification. <i>Water, Air and Soil Pollution</i> , 2002, 2, 91-114.	0.8	58
26	Chemical composition of the Tatra Mountain lakes: Recovery from acidification. <i>Biologia (Poland)</i> , 2006, 61, S21-S33.	0.8	57
27	Environmental factors exert strong control over the climate-growth relationships of <i>Picea abies</i> in Central Europe. <i>Science of the Total Environment</i> , 2017, 609, 506-516.	3.9	57
28	Phosphorus loading of mountain lakes: Terrestrial export and atmospheric deposition. <i>Limnology and Oceanography</i> , 2011, 56, 1343-1354.	1.6	56
29	Factors Controlling the Export of Nitrogen from Agricultural Land in a Large Central European Catchment during 1900-2010. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6400-6407.	4.6	56
30	Response of soil chemistry to forest dieback after bark beetle infestation. <i>Biogeochemistry</i> , 2013, 113, 369-383.	1.7	56
31	Effect of industrial dust on precipitation chemistry in the Czech Republic (Central Europe) from 1850 to 2013. <i>Water Research</i> , 2016, 103, 30-37.	5.3	53
32	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.	0.3	52
33	Long-term trends and spatial variability in nitrate leaching from alpine catchment lake ecosystems in the Tatra Mountains (Slovakia-Poland). <i>Environmental Pollution</i> , 2005, 136, 89-101.	3.7	51
34	SPECTROPHOTOMETRIC DETERMINATION OF IRON, ALUMINUM, AND PHOSPHORUS IN SOIL AND SEDIMENT EXTRACTS AFTER THEIR NITRIC AND PERCHLORIC ACID DIGESTION. <i>Communications in Soil Science and Plant Analysis</i> , 2001, 32, 1431-1443.	0.6	50
35	Photochemical Source of Metals for Sediments. <i>Environmental Science &amp; Technology</i> , 2006, 40, 4455-4459.	4.6	50
36	Photochemical Production of Ionic and Particulate Aluminum and Iron in Lakes. <i>Environmental Science &amp; Technology</i> , 2005, 39, 3656-3662.	4.6	49

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37	Natural inactivation of phosphorus by aluminum in preindustrial lake sediments. <i>Limnology and Oceanography</i> , 2007, 52, 1147-1155.	1.6	49
38	Canopy leaching of nutrients and metals in a mountain spruce forest. <i>Atmospheric Environment</i> , 2009, 43, 5443-5453.	1.9	49
39	Modelling soil nitrogen: The MAGIC model with nitrogen retention linked to carbon turnover using decomposer dynamics. <i>Environmental Pollution</i> , 2012, 165, 158-166.	3.7	49
40	Effects of Acidic Deposition on in-Lake Phosphorus Availability: A Lesson from Lakes Recovering from Acidification. <i>Environmental Science &amp; Technology</i> , 2015, 49, 2895-2903.	4.6	49
41	Photochemical, chemical, and biological transformations of dissolved organic carbon and its effect on alkalinity production in acidified lakes Ji. <i>Limnology and Oceanography</i> , 2003, 48, 106-117.	1.6	48
42	Acidification in European mountain lake districts: A regional assessment of critical load exceedance. <i>Aquatic Sciences</i> , 2005, 67, 237-251.	0.6	47
43	Discerning environmental factors affecting current tree growth in Central Europe. <i>Science of the Total Environment</i> , 2016, 573, 541-554.	3.9	47
44	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.	1.1	46
45	Nutrient cycling in a strongly acidified mesotrophic lake. <i>Limnology and Oceanography</i> , 2004, 49, 1202-1213.	1.6	46
46	Soil biochemical activity and phosphorus transformations and losses from acidified forest soils. <i>Soil Biology and Biochemistry</i> , 2004, 36, 1569-1576.	4.2	45
47	The controls on phosphorus availability in a Boreal lake ecosystem since deglaciation. <i>Journal of Paleolimnology</i> , 2011, 46, 107-122.	0.8	45
48	Trends and seasonal patterns of bulk deposition of nutrients in the Czech Republic. <i>Atmospheric Environment</i> , 1997, 31, 797-808.	1.9	44
49	Estimation of organic acid anion concentrations and evaluation of charge balance in atmospherically acidified colored waters. <i>Water Research</i> , 2000, 34, 3598-3606.	5.3	43
50	Carbon pools in a montane old-growth Norway spruce ecosystem in Bohemian Forest: Effects of stand age and elevation. <i>Forest Ecology and Management</i> , 2015, 346, 106-113.	1.4	42
51	Speciation of Al, Fe, and P in recent sediment from three lakes in Maine, USA. <i>Science of the Total Environment</i> , 2008, 404, 276-283.	3.9	40
52	Changes in surface water chemistry caused by natural forest dieback in an unmanaged mountain catchment. <i>Science of the Total Environment</i> , 2017, 584-585, 971-981.	3.9	39
53	Anthropogenic nitrogen emissions during the Holocene and their possible effects on remote ecosystems. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	1.9	38
54	Cleaner air reveals growing influence of climate on dissolved organic carbon trends in northern headwaters. <i>Environmental Research Letters</i> , 2021, 16, 104009.	2.2	37

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55	Biological recovery of the Bohemian Forest lakes from acidification. <i>Biologia (Poland)</i> , 2006, 61, S453-S465.	0.8	36
56	What do results of common sequential fractionation and single-step extractions tell us about P binding with Fe and Al compounds in non-calcareous sediments?. <i>Water Research</i> , 2013, 47, 547-557.	5.3	36
57	Predicting sulphur and nitrogen deposition using a simple statistical method. <i>Atmospheric Environment</i> , 2016, 140, 456-468.	1.9	36
58	Impact of Soil Sorption Characteristics and Bedrock Composition on Phosphorus Concentrations in two Bohemian Forest Lakes. <i>Water, Air, and Soil Pollution</i> , 2006, 173, 243-259.	1.1	35
59	Climate Change Increasing Calcium and Magnesium Leaching from Granitic Alpine Catchments. <i>Environmental Science &amp; Technology</i> , 2017, 51, 159-166.	4.6	35
60	Trends in aluminium export from a mountainous area to surface waters, from deglaciation to the recent: Effects of vegetation and soil development, atmospheric acidification, and nitrogen-saturation. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1439-1448.	1.5	34
61	The sensitivity of water chemistry to climate in a forested, nitrogen-saturated catchment recovering from acidification. <i>Ecological Indicators</i> , 2016, 63, 196-208.	2.6	34
62	Excess of Organic Carbon in Mountain Spruce Forest Soils after Bark Beetle Outbreak Altered Microbial N Transformations and Mitigated N-Saturation. <i>PLoS ONE</i> , 2015, 10, e0134165.	1.1	34
63	Chemical composition of the Tatra Mountain lakes: Response to acidification. <i>Biologia (Poland)</i> , 2006, 61, S11-S20.	0.8	33
64	Title is missing!. <i>Water, Air and Soil Pollution</i> , 2002, 2, 127-138.	0.8	32
65	An elevation-based regional model for interpolating sulphur and nitrogen deposition. <i>Atmospheric Environment</i> , 2012, 50, 287-296.	1.9	32
66	Semi-micro determination of total phosphorus in soils, sediments, and organic materials: A simplified perchloric acid digestion procedure. <i>Communications in Soil Science and Plant Analysis</i> , 1995, 26, 1935-1946.	0.6	31
67	Assessing Recovery from Acidification of European Surface Waters in the Year 2010: Evaluation of Projections Made with the MAGIC Model in 1995. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13280-13288.	4.6	30
68	Photochemical release of humic and fulvic acid-bound metals from simulated soil and streamwater. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1064.	2.1	29
69	Increased spruce tree growth in Central Europe since 1960s. <i>Science of the Total Environment</i> , 2018, 619-620, 1637-1647.	3.9	29
70	A modelling assessment of acidification and recovery of European surface waters. <i>Hydrology and Earth System Sciences</i> , 2003, 7, 447-455.	1.9	28
71	Carbon Isotopes in Tree Rings of Norway Spruce Exposed to Atmospheric Pollution. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5778-5782.	4.6	27
72	Assessment of phosphorus associated with Fe and Al (hydr)oxides in sediments and soils. <i>Journal of Soils and Sediments</i> , 2015, 15, 1620-1629.	1.5	27

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73	Biomass and element pools of understory vegetation in the catchments of ĀĀertovo Lake and PleĀĀnĀĀ Lake in the Bohemian Forest. <i>Biologia (Poland)</i> , 2006, 61, S509-S521.	0.8	26
74	Coupling the resource stoichiometry and microbial biomass turnover to predict nutrient mineralization and immobilization in soil. <i>Geoderma</i> , 2021, 385, 114884.	2.3	26
75	Seasonal and photochemical changes of DOM in an acidified forest lake and its tributaries. <i>Aquatic Sciences</i> , 2004, 66, 211-222.	0.6	25
76	Long-term trends of phosphorus concentrations in an artificial lake: Socio-economic and climate drivers. <i>PLoS ONE</i> , 2017, 12, e0186917.	1.1	25
77	Chlorophyll-phosphorus relationship in acidified lakes of the High Tatra Mountains (Slovakia). <i>Hydrobiologia</i> , 1994, 274, 171-177.	1.0	24
78	Massive occurrence of heterotrophic filaments in acidified lakes: seasonal dynamics and composition. <i>FEMS Microbiology Ecology</i> , 2003, 46, 281-294.	1.3	24
79	Constraints on the biological recovery of the Bohemian Forest lakes from acid stress. <i>Freshwater Biology</i> , 2016, 61, 376-395.	1.2	24
80	Decreasing litterfall mercury deposition in central European coniferous forests and effects of bark beetle infestation. <i>Science of the Total Environment</i> , 2019, 682, 213-225.	3.9	24
81	Increasing temperature decreases aluminum concentrations in Central European lakes recovering from acidification. <i>Limnology and Oceanography</i> , 2003, 48, 2346-2354.	1.6	23
82	Element fluxes in watershed-lake ecosystems recovering from acidification: PleĀĀnĀĀ Lake, the Bohemian Forest, 2001ĀĀ2005. <i>Biologia (Poland)</i> , 2006, 61, S427-S440.	0.8	23
83	Factors Affecting the Leaching of Dissolved Organic Carbon after Tree Dieback in an Unmanaged European Mountain Forest. <i>Environmental Science &amp; Technology</i> , 2018, 52, 6291-6299.	4.6	23
84	Chemical characteristics of lakes in the High Tatra Mountains, Slovakia. <i>Hydrobiologia</i> , 1994, 274, 49-56.	1.0	22
85	The long-term succession of cladoceran fauna and palaeoclimate forcing: A 14,600-year record from PleĀĀnĀĀ Lake, the Bohemian Forest. <i>Biologia (Poland)</i> , 2006, 61, S387-S399.	0.8	22
86	A comparative study of long-term Hg and Pb sediment archives. <i>Environmental Chemistry</i> , 2016, 13, 517.	0.7	22
87	Element fluxes in watershed-lake ecosystems recovering from acidification: ĀĀertovo Lake, the Bohemian Forest, 2001ĀĀ2005. <i>Biologia (Poland)</i> , 2006, 61, S413-S426.	0.8	21
88	Sulphate leaching from diffuse agricultural and forest sources in a large central European catchment during 1900ĀĀ2010. <i>Science of the Total Environment</i> , 2014, 470-471, 543-550.	3.9	21
89	Catchment biogeochemistry modifies long-term effects of acidic deposition on chemistry of mountain lakes. <i>Biogeochemistry</i> , 2015, 125, 315-335.	1.7	21
90	Semi-Micro Determination of Ammonia in Water by the Rubazotic Acid Method. <i>International Journal of Environmental Analytical Chemistry</i> , 1993, 53, 243-248.	1.8	20

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91	Impact of ionic aluminium on extracellular phosphatases in acidified lakes. <i>Environmental Microbiology</i> , 2001, 3, 578-587.	1.8	20
92	Effects of Bark Beetle Disturbance on Soil Nutrient Retention and Lake Chemistry in Glacial Catchment. <i>Ecosystems</i> , 2019, 22, 725-741.	1.6	20
93	Modelling reversibility of central European mountain lakes from acidification: Part II – the Tatra Mountains. <i>Hydrology and Earth System Sciences</i> , 2003, 7, 510-524.	1.9	20
94	Phosphate Sorption Characteristics of European Alpine Soils. <i>Soil Science Society of America Journal</i> , 2011, 75, 862-870.	1.2	19
95	Multiple long-term trends and trend reversals dominate environmental conditions in a man-made freshwater reservoir. <i>Science of the Total Environment</i> , 2018, 624, 24-33.	3.9	19
96	Small-scale chemical and isotopic variability of hydrological pathways in a mountain lake catchment. <i>Journal of Hydrology</i> , 2020, 585, 124834.	2.3	19
97	Changes in microclimate and hydrology in an unmanaged mountain forest catchment after insect-induced tree dieback. <i>Science of the Total Environment</i> , 2020, 720, 137518.	3.9	19
98	Ammonium uptake in alpine streams in the High Tatra Mountains (Slovakia). <i>Hydrobiologia</i> , 1994, 294, 157-165.	1.0	18
99	Experimental photochemical release of organically bound aluminum and iron in three streams in Maine, USA. <i>Environmental Monitoring and Assessment</i> , 2010, 171, 71-81.	1.3	18
100	A key role of aluminium in phosphorus availability, food web structure, and plankton dynamics in strongly acidified lakes. <i>Biologia (Poland)</i> , 2006, 61, S441-S451.	0.8	17
101	Nitrogen transformations and pools in N-saturated mountain spruce forest soils. <i>Biology and Fertility of Soils</i> , 2009, 45, 395-404.	2.3	17
102	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.	0.6	17
103	Tree dieback and related changes in nitrogen dynamics modify the concentrations and proportions of cations on soil sorption complex. <i>Ecological Indicators</i> , 2019, 97, 319-328.	2.6	16
104	Trends in riverine element fluxes: A chronicle of regional socio-economic changes. <i>Water Research</i> , 2017, 125, 374-383.	5.3	15
105	A mass-balance study on chloride fluxes in a large central European catchment during 1900–2010. <i>Biogeochemistry</i> , 2014, 120, 319-335.	1.7	14
106	Changes in Soil Dissolved Organic Carbon Affect Reconstructed History and Projected Future Trends in Surface Water Acidification. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	14
107	Impact of diffuse pollution on water quality of the Vltava River (Slapy Reservoir), Czech Republic. <i>Water Science and Technology</i> , 1996, 33, 145-152.	1.2	13
108	Quantifying nitrogen leaching from diffuse agricultural and forest sources in a large heterogeneous catchment. <i>Biogeochemistry</i> , 2013, 115, 149-165.	1.7	13

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109	Seasonal Photochemical Transformations of Nitrogen Species in a Forest Stream and Lake. PLoS ONE, 2014, 9, e116364.	1.1	13
110	Lake water acidification and temperature have a lagged effect on the population dynamics of Isoetes echinospora via offspring recruitment. Ecological Indicators, 2016, 70, 420-430.	2.6	13
111	Photochemical degradation of dissolved organic matter reduces the availability of phosphorus for aquatic primary producers. Chemosphere, 2018, 193, 1018-1026.	4.2	13
112	Chemical composition of atmospheric precipitation in Czechoslovakia, 1978-1984. II. Event samples. Atmospheric Environment, 1988, 22, 1901-1908.	1.1	12
113	Pools and composition of soils in the alpine zone of the Tatra Mountains. Biologia (Poland), 2006, 61, S35-S49.	0.8	12
114	Biomass and element pools of selected spruce trees in the catchments of Plešné and Čertovo Lakes in the Āumava Mts.. Journal of Forest Science, 2006, 52, 482-495.	0.5	12
115	The chemical composition of forest soils and their degree of acidity in Central Europe. Science of the Total Environment, 2019, 687, 96-103.	3.9	12
116	Estimation of tree biomass of Norway spruce forest in the Plešné Lake catchment, the Bohemian Forest. Biologia (Poland), 2006, 61, S523-S532.	0.8	11
117	CELL-SPECIFIC EXTRACELLULAR PHOSPHATASE ACTIVITY OF DINOFLAGELLATE POPULATIONS IN ACIDIFIED MOUNTAIN LAKES1. Journal of Phycology, 2010, 46, 635-644.	1.0	11
118	Effects of tree dieback on lake water acidity in the unmanaged catchment of Plešné Lake, Czech Republic. Limnology and Oceanography, 2019, 64, 1614-1626.	1.6	11
119	Chemical characteristics of lakes in the High Tatra Mountains, Slovakia. , 1994, , 49-56.		11
120	Increasing silicon concentrations in Bohemian Forest lakes. Hydrology and Earth System Sciences, 2005, 9, 699-706.	1.9	10
121	Proton production by transformations of aluminium and iron in lakes. Water Research, 2008, 42, 1220-1228.	5.3	10
122	Predicting long-term recovery of a strongly acidified stream using MAGIC and climate models (Litavka, Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	10
123	Acid Rain - Acidification and Recovery. , 2014, , 379-414.		10
124	Modelling inorganic nitrogen in runoff: Seasonal dynamics at four European catchments as simulated by the MAGIC model. Science of the Total Environment, 2015, 536, 1019-1028.	3.9	10
125	Lacustrine systems of Clearwater Mesa (James Ross Island, north-eastern Antarctic Peninsula): geomorphological setting and limnological characterization. Antarctic Science, 2019, 31, 169-188.	0.5	10
126	Concentration of nutrients in selected lakes in the High Tatra Mountains, Slovakia: effect of season and watershed. Hydrobiologia, 1996, 319, 47-55.	1.0	9



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127	Chemical composition of modern and pre-acidification sediments in the Tatra Mountain lakes. <i>Biologia (Poland)</i> , 2006, 61, S65-S76.	0.8	9
128	Forest Die-Back Modified Plankton Recovery from Acidic Stress. <i>Ambio</i> , 2014, 43, 207-217.	2.8	9
129	Photochemical cleaving of allochthonous organic-metal complexes contributes to phosphorus immobilization in surface waters. <i>Chemosphere</i> , 2017, 167, 374-381.	4.2	9
130	Chlorophyll-phosphorus relationship in acidified lakes of the High Tatra Mountains (Slovakia). , 1994, , 171-177.		9
131	Littoral macroinvertebrates of acidified lakes in the Bohemian Forest. <i>Biologia (Poland)</i> , 2014, 69, 1190-1201.	0.8	8
132	In situ phosphorus dynamics in soil: long-term ion-exchange resin study. <i>Biogeochemistry</i> , 2018, 139, 307-320.	1.7	8
133	Temporal trends and spatial patterns of chironomid communities in alpine lakes recovering from acidification under accelerating climate change. <i>Freshwater Biology</i> , 2021, 66, 2223-2239.	1.2	8
134	Impact of diffuse pollution on water quality of the Vltava River (slapy reservoir), Czech Republic. <i>Water Science and Technology</i> , 1996, 33, 145.	1.2	7
135	Relationships between a catchment-scale forest disturbance index, time delays, and chemical properties of surface water. <i>Ecological Indicators</i> , 2021, 125, 107558.	2.6	7
136	Effect of snowmelt on the dynamics, isotopic and chemical composition of runoff in mature and regenerated forested catchments. <i>Journal of Hydrology</i> , 2021, 598, 126437.	2.3	7
137	Identifying factors that affect mountain lake sensitivity to atmospheric nitrogen deposition across multiple scales. <i>Water Research</i> , 2022, 209, 117883.	5.3	7
138	Integrated ecological research of catchment-lake ecosystems in the Bohemian Forest (Central) Tj ETQqO 0 0 rgBT /Qverlock 10 Tf 50 302	0.8	6
139	Long-term dynamics of watershed leaching and lake sediment sequestration of rare earth elements following deglaciation of two mountain watersheds. <i>Journal of Paleolimnology</i> , 2016, 55, 209-222.	0.8	6
140	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.	3.7	6
141	Forest damage and subsequent recovery alter the water composition in mountain lake catchments. <i>Science of the Total Environment</i> , 2022, 827, 154293.	3.9	6
142	Sources and transport of phosphorus in the vltava river basin (czech republic). <i>Water Science and Technology</i> , 1996, 33, 137.	1.2	5
143	Spatial and temporal changes of benthic macroinvertebrate assemblages in acidified streams in the Bohemian Forest (Czech Republic). <i>Aquatic Insects</i> , 2012, 34, 157-172.	0.6	5
144	Recovery of brown trout populations in streams exposed to atmospheric acidification in the Bohemian Forest. <i>Folia Zoologica</i> , 2017, 66, 1-10.	0.9	5

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145	Acidification in European mountain lake districts: A regional assessment of critical load exceedance. <i>Aquatic Sciences</i> , 2005, 67, 237-251.	0.6	5
146	Direct Determination of Particulate Phosphorus in Water With Perchloric Acid Digestion of Whole Membrane Filters. <i>International Journal of Environmental Analytical Chemistry</i> , 1993, 54, 27-30.	1.8	4
147	Disruptions and re-establishment of the calcium-bicarbonate equilibrium in freshwaters. <i>Science of the Total Environment</i> , 2020, 743, 140626.	3.9	4
148	Solar Radiation as the Likely Cause of Acid-Soluble Rare-Earth Elements in Sediments of Fresh Water Humic Lakes. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1545-1553.	4.6	4
149	Biogeochemical causes of sixty-year trends and seasonal variations of river water properties in a large European basin. <i>Biogeochemistry</i> , 2021, 154, 81-98.	1.7	4
150	Lithostratigraphy and age of the Bohemian Forest lake sediments: A first assessment. <i>Geoscience Research Reports</i> , 0, , .	0.0	2
151	Measurement of <i>in situ</i> Phosphorus Availability in Acidified Soils using Iron-Infused Resin. <i>Communications in Soil Science and Plant Analysis</i> , 0, , 1-8.	0.6	1
152	Only the adults survive – A long-term resistance of <i>Isoëtes lacustris</i> to acidity and aluminium toxicity stress in a Bohemian Forest lake. <i>Ecological Indicators</i> , 2020, 111, 106026.	2.6	1
153	Bacterial and phytoplankton responses to nutrient and pH changes during short term <i>in situ</i> experiments in two acidified lakes. <i>Algological Studies</i> , 2005, 115, 79-99.	0.1	0
154	UV photoinitiated changes of humic fluorophores, influence of metal ions. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 582.	1.6	0
155	The long-term succession of cladoceran fauna and palaeoclimate forcing: A 14,600-year record from Pleistocene Lake, the Bohemian Forest. , 2006, 61, S387.		0