Jiri Kopacek

List of Publications by Year
in descending order

155 papers	6,921 citations	57758 44 h-index	71685 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. Nature, 2007, 450, 537-540.	27.8	1,471
2	Recovery from acidification in European surface waters. Hydrology and Earth System Sciences, 2001, 5, 283-298.	4.9	226
3	Mountain lakes: Eyes on global environmental change. Global and Planetary Change, 2019, 178, 77-95.	3.5	185
4	Global change revealed by palaeolimnological records from remote lakes: a review. Journal of Paleolimnology, 2013, 49, 513-535.	1.6	173
5	Aluminum Control of Phosphorus Sorption by Lake Sediments. Environmental Science & Technology, 2005, 39, 8784-8789.	10.0	172
6	Title is missing!. Journal of Paleolimnology, 2002, 28, 25-46.	1.6	135
7	Response of sulphur dynamics in European catchments to decreasing sulphate deposition. Hydrology and Earth System Sciences, 2001, 5, 311-326.	4.9	121
8	Recovery of Acidified European Surface Waters. Environmental Science & Technology, 2005, 39, 64A-72A.	10.0	117
9	Sulfur and nitrogen emissions in the Czech Republic and Slovakia from 1850 till 2000. Atmospheric Environment, 2005, 39, 2179-2188.	4.1	104
10	Regionalisation of chemical variability in European mountain lakes. Freshwater Biology, 2009, 54, 2452-2469.	2.4	91
11	Nitrogen, organic carbon and sulphur cycling in terrestrial ecosystems: linking nitrogen saturation to carbon limitation of soil microbial processes. Biogeochemistry, 2013, 115, 33-51.	3.5	87
12	Sulphur and nitrogen fluxes and budgets in the Bohemian Forest and Tatra Mountains during the Industrial Revolution (1850-2000). Hydrology and Earth System Sciences, 2001, 5, 391-406.	4.9	84
13	Widespread diminishing anthropogenic effects on calcium in freshwaters. Scientific Reports, 2019, 9, 10450.	3.3	84
14	Phosorus availability in an acidified watershedâ€"lake ecosystem. Limnology and Oceanography, 2000, 45, 212-225.	3.1	83
15	Long-term studies (1871â€"2000) on acidification and recovery of lakes in the Bohemian Forest (central) Tj ETQq1 1 0.784314 rgBT /Ov	8.0	83
16	Semi-Micro Determination of Total Phosphorus in Fresh Waters with Perchloric Acid Digestion. International Journal of Environmental Analytical Chemistry, 1993, 53, 173-183.	3.3	82
17	Factors governing nutrient status of mountain lakes in the Tatra Mountains. Freshwater Biology, 2000, 43, 369-383.	2.4	75
18	Determination of low chemical oxygen demand values in water by the dichromate semi-micro method. Analyst, The, 1990, 115, 1463-1467.	3.5	67

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19	Modelling reversibility of Central European mountain lakes from acidification: Part I - the Bohemian forest. Hydrology and Earth System Sciences, 2003, 7, 494-509.	4.9	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. Ambio, 2015, 44, 178-193.	5.5	63
21	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
22	Modelling the effect of climate change on recovery of acidified freshwaters: Relative sensitivity of individual processes in the MAGIC model. Science of the Total Environment, 2006, 365, 154-166.	8.0	62
23	Natural inactivation of phosphorus by aluminum in atmospherically acidified water bodies. Water Research, 2001, 35, 3783-3790.	11.3	61
24	Freshwater lakes of Ulu Peninsula, James Ross Island, north-east Antarctic Peninsula: origin, geomorphology and physical and chemical limnology. Antarctic Science, 2013, 25, 358-372.	0.9	60
25	Hysteresis in Reversal of Central European Mountain Lakes from Atmospheric Acidification. Water, Air and Soil Pollution, 2002, 2, 91-114.	0.8	58
26	Chemical composition of the Tatra Mountain lakes: Recovery from acidification. Biologia (Poland), 2006, 61, S21-S33.	1.5	57
27	Environmental factors exert strong control over the climate-growth relationships of Picea abies in Central Europe. Science of the Total Environment, 2017, 609, 506-516.	8.0	57
28	Phosphorus loading of mountain lakes: Terrestrial export and atmospheric deposition. Limnology and Oceanography, 2011, 56, 1343-1354.	3.1	56
29	Factors Controlling the Export of Nitrogen from Agricultural Land in a Large Central European Catchment during 1900â€“2010. Environmental Science & Technology, 2013, 47, 6400-6407.	10.0	56
30	Response of soil chemistry to forest dieback after bark beetle infestation. Biogeochemistry, 2013, 113, 369-383.	3.5	56
31	Effect of industrial dust on precipitation chemistry in the Czech Republic (Central Europe) from 1850 to 2013. Water Research, 2016, 103, 30-37.	11.3	53
32	Response of alpine lakes and soils to changes in acid deposition: the MAGIC model applied to the Tatra Mountain region, Slovakia-Poland. Journal of Limnology, 2004, 63, 143.	1.1	52
33	Long-term trends and spatial variability in nitrate leaching from alpine catchmentâ€“lake ecosystems in the Tatra Mountains (Slovakiaâ€“Poland). Environmental Pollution, 2005, 136, 89-101.	7.5	51
34	SPECTROPHOTOMETRIC DETERMINATION OF IRON, ALUMINUM, AND PHOSPHORUS IN SOIL AND SEDIMENT EXTRACTS AFTER THEIR NITRIC AND PERCHLORIC ACID DIGESTION. Communications in Soil Science and Plant Analysis, 2001, 32, 1431-1443.	1.4	50
35	Photochemical Source of Metals for Sediments. Environmental Science & Technology, 2006, 40, 4455-4459.	10.0	50
36	Photochemical Production of Ionic and Particulate Aluminum and Iron in Lakes. Environmental Science & Technology, 2005, 39, 3656-3662.	10.0	49

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37	Natural inactivation of phosphorus by aluminum in preindustrial lake sediments. Limnology and Oceanography, 2007, 52, 1147-1155.	3.1	49
38	Canopy leaching of nutrients and metals in a mountain spruce forest. Atmospheric Environment, 2009, 43, 5443-5453.	4.1	49
39	Modelling soil nitrogen: The MAGIC model with nitrogen retention linked to carbon turnover using decomposer dynamics. Environmental Pollution, 2012, 165, 158-166.	7.5	49
40	Effects of Acidic Deposition on in-Lake Phosphorus Availability: A Lesson from Lakes Recovering from Acidification. Environmental Science & Technology, 2015, 49, 2895-2903.	10.0	49
41	Photochemical, chemical, and biological transformations of dissolved organic carbon and its effect on alkalinity production in acidified lakes Ji. Limnology and Oceanography, 2003, 48, 106-117.	3.1	48
42	Acidification in European mountain lake districts: A regional assessment of critical load exceedance. Aquatic Sciences, 2005, 67, 237-251.	1.5	47
43	Discerning environmental factors affecting current tree growth in Central Europe. Science of the Total Environment, 2016, 573, 541-554.	8.0	47
44	Chemical and Biochemical Characteristics of Alpine Soils in the Tatra Mountains and their Correlation with Lake Water Quality. Water, Air, and Soil Pollution, 2004, 153, 307-328.	2.4	46
45	Nutrient cycling in a strongly acidified mesotrophic lake. Limnology and Oceanography, 2004, 49, 1202-1213.	3.1	46
46	Soil biochemical activity and phosphorus transformations and losses from acidified forest soils. Soil Biology and Biochemistry, 2004, 36, 1569-1576.	8.8	45
47	The controls on phosphorus availability in a Boreal lake ecosystem since deglaciation. Journal of Paleolimnology, 2011, 46, 107-122.	1.6	45
48	Trends and seasonal patterns of bulk deposition of nutrients in the Czech Republic. Atmospheric Environment, 1997, 31, 797-808.	4.1	44
49	Estimation of organic acid anion concentrations and evaluation of charge balance in atmospherically acidified colored waters. Water Research, 2000, 34, 3598-3606.	11.3	43
50	Carbon pools in a montane old-growth Norway spruce ecosystem in Bohemian Forest: Effects of stand age and elevation. Forest Ecology and Management, 2015, 346, 106-113.	3.2	42
51	Speciation of Al, Fe, and P in recent sediment from three lakes in Maine, USA. Science of the Total Environment, 2008, 404, 276-283.	8.0	40
52	Changes in surface water chemistry caused by natural forest dieback in an unmanaged mountain catchment. Science of the Total Environment, 2017, 584-585, 971-981.	8.0	39
53	Anthropogenic nitrogen emissions during the Holocene and their possible effects on remote ecosystems. Global Biogeochemical Cycles, 2011, 25, n/a-n/a.	4.9	38
54	Cleaner air reveals growing influence of climate on dissolved organic carbon trends in northern headwaters. Environmental Research Letters, 2021, 16, 104009.	5.2	37

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55	Biological recovery of the Bohemian Forest lakes from acidification. Biologia (Poland), 2006, 61, S453-S465.	1.5	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?. Water Research, 2013, 47, 547-557.	11.3	36
57	Predicting sulphur and nitrogen deposition using a simple statistical method. Atmospheric Environment, 2016, 140, 456-468.	4.1	36
58	Impact of Soil Sorption Characteristics and Bedrock Composition on Phosphorus Concentrations in two Bohemian Forest Lakes. Water, Air, and Soil Pollution, 2006, 173, 243-259.	2.4	35
59	Climate Change Increasing Calcium and Magnesium Leaching from Granitic Alpine Catchments. Environmental Science & Technology, 2017, 51, 159-166.	10.0	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. Journal of Inorganic Biochemistry, 2009, 103, 1439-1448.	3.5	34
61	The sensitivity of water chemistry to climate in a forested, nitrogen-saturated catchment recovering from acidification. Ecological Indicators, 2016, 63, 196-208.	6.3	34
62	Excess of Organic Carbon in Mountain Spruce Forest Soils after Bark Beetle Outbreak Altered Microbial N Transformations and Mitigated N-Saturation. PLoS ONE, 2015, 10, e0134165.	2.5	34
63	Chemical composition of the Tatra Mountain lakes: Response to acidification. Biologia (Poland), 2006, 61, S11-S20.	1.5	33
64	Title is missing!. Water, Air and Soil Pollution, 2002, 2, 127-138.	0.8	32
65	An elevation-based regional model for interpolating sulphur and nitrogen deposition. Atmospheric Environment, 2012, 50, 287-296.	4.1	32
66	Semiâ€micro determination of total phosphorus in soils, sediments, and organic materials: A simplified perchloric acid digestion procedure. Communications in Soil Science and Plant Analysis, 1995, 26, 1935-1946.	1.4	31
67	Assessing Recovery from Acidification of European Surface Waters in the Year 2010: Evaluation of Projections Made with the MAGIC Model in 1995. Environmental Science & Technology, 2014, 48, 13280-13288.	10.0	30
68	Photochemical release of humic and fulvic acid-bound metals from simulated soil and streamwater. Journal of Environmental Monitoring, 2009, 11, 1064.	2.1	29
69	Increased spruce tree growth in Central Europe since 1960s. Science of the Total Environment, 2018, 619-620, 1637-1647.	8.0	29
70	A modelling assessment of acidification and recovery of European surface waters. Hydrology and Earth System Sciences, 2003, 7, 447-455.	4.9	28
71	Carbon Isotopes in Tree Rings of Norway Spruce Exposed to Atmospheric Pollution. Environmental Science & Technology, 2007, 41, 5778-5782.	10.0	27
72	Assessment of phosphorus associated with Fe and Al (hydr)oxides in sediments and soils. Journal of Soils and Sediments, 2015, 15, 1620-1629.	3.0	27

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73	Biomass and element pools of understory vegetation in the catchments of ÄŒertovo Lake and PleÅ¡nÃ© Lake in the Bohemian Forest. Biologia (Poland), 2006, 61, S509-S521.	1.5	26
74	Coupling the resource stoichiometry and microbial biomass turnover to predict nutrient mineralization and immobilization in soil. Geoderma, 2021, 385, 114884.	5.1	26
75	Seasonal and photochemical changes of DOM in an acidified forest lake and its tributaries. Aquatic Sciences, 2004, 66, 211-222.	1.5	25
76	Long-term trends of phosphorus concentrations in an artificial lake: Socio-economic and climate drivers. PLoS ONE, 2017, 12, e0186917.	2.5	25
77	Chlorophyll-phosphorus relationship in acidified lakes of the High Tatra Mountains (Slovakia). Hydrobiologia, 1994, 274, 171-177.	2.0	24
78	Massive occurrence of heterotrophic filaments in acidified lakes: seasonal dynamics and composition. FEMS Microbiology Ecology, 2003, 46, 281-294.	2.7	24
79	Constraints on the biological recovery of the Bohemian Forest lakes from acid stress. Freshwater Biology, 2016, 61, 376-395.	2.4	24
80	Decreasing litterfall mercury deposition in central European coniferous forests and effects of bark beetle infestation. Science of the Total Environment, 2019, 682, 213-225.	8.0	24
81	Increasing temperature decreases aluminum concentrations in Central European lakes recovering from acidification. Limnology and Oceanography, 2003, 48, 2346-2354.	3.1	23
82	Element fluxes in watershed-lake ecosystems recovering from acidification: PleÅ¡nÃ© Lake, the Bohemian Forest, 2001â€“2005. Biologia (Poland), 2006, 61, S427-S440.	1.5	23
83	Factors Affecting the Leaching of Dissolved Organic Carbon after Tree Dieback in an Unmanaged European Mountain Forest. Environmental Science & Technology, 2018, 52, 6291-6299.	10.0	23
84	Chemical characteristics of lakes in the High Tatra Mountains, Slovakia. Hydrobiologia, 1994, 274, 49-56.	2.0	22
85	The long-term succession of cladoceran fauna and palaeoclimate forcing: A 14,600-year record from PleÅ¡nÃ© Lake, the Bohemian Forest. Biologia (Poland), 2006, 61, S387-S399.	1.5	22
86	A comparative study of long-term Hg and Pb sediment archives. Environmental Chemistry, 2016, 13, 517.	1.5	22
87	Element fluxes in watershed-lake ecosystems recovering from acidification: ÄŒertovo Lake, the Bohemian Forest, 2001â€“2005. Biologia (Poland), 2006, 61, S413-S426.	1.5	21
88	Sulphate leaching from diffuse agricultural and forest sources in a large central European catchment during 1900â€“2010. Science of the Total Environment, 2014, 470-471, 543-550.	8.0	21
89	Catchment biogeochemistry modifies long-term effects of acidic deposition on chemistry of mountain lakes. Biogeochemistry, 2015, 125, 315-335.	3.5	21
90	Semi-Micro Determination of Ammonia in Water by the Rubazoic Acid Method. International Journal of Environmental Analytical Chemistry, 1993, 53, 243-248.	3.3	20

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91	Impact of ionic aluminium on extracellular phosphatases in acidified lakes. Environmental Microbiology, 2001, 3, 578-587.	3.8	20
92	Effects of Bark Beetle Disturbance on Soil Nutrient Retention and Lake Chemistry in Glacial Catchment. Ecosystems, 2019, 22, 725-741.	3.4	20
93	Modelling reversibility of central European mountain lakes from acidification: Part II â€“ the Tatra Mountains. Hydrology and Earth System Sciences, 2003, 7, 510-524.	4.9	20
94	Phosphate Sorption Characteristics of European Alpine Soils. Soil Science Society of America Journal, 2011, 75, 862-870.	2.2	19
95	Multiple long-term trends and trend reversals dominate environmental conditions in a man-made freshwater reservoir. Science of the Total Environment, 2018, 624, 24-33.	8.0	19
96	Small-scale chemical and isotopic variability of hydrological pathways in a mountain lake catchment. Journal of Hydrology, 2020, 585, 124834.	5.4	19
97	Changes in microclimate and hydrology in an unmanaged mountain forest catchment after insect-induced tree dieback. Science of the Total Environment, 2020, 720, 137518.	8.0	19
98	Ammonium uptake in alpine streams in the High Tatra Mountains (Slovakia). Hydrobiologia, 1994, 294, 157-165.	2.0	18
99	Experimental photochemical release of organically bound aluminum and iron in three streams in Maine, USA. Environmental Monitoring and Assessment, 2010, 171, 71-81.	2.7	18
100	A key role of aluminium in phosphorus availability, food web structure, and plankton dynamics in strongly acidified lakes. Biologia (Poland), 2006, 61, S441-S451.	1.5	17
101	Nitrogen transformations and pools in N-saturated mountain spruce forest soils. Biology and Fertility of Soils, 2009, 45, 395-404.	4.3	17
102	Climate change accelerates recovery of the Tatra Mountain lakes from acidification and increases their nutrient and chlorophyll a concentrations. Aquatic Sciences, 2019, 81, 1.	1.5	17
103	Tree dieback and related changes in nitrogen dynamics modify the concentrations and proportions of cations on soil sorption complex. Ecological Indicators, 2019, 97, 319-328.	6.3	16
104	Trends in riverine element fluxes: A chronicle of regional socio-economic changes. Water Research, 2017, 125, 374-383.	11.3	15
105	A mass-balance study on chloride fluxes in a large central European catchment during 1900â€“2010. Biogeochemistry, 2014, 120, 319-335.	3.5	14
106	Changes in Soil Dissolved Organic Carbon Affect Reconstructed History and Projected Future Trends in Surface Water Acidification. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	14
107	Impact of diffuse pollution on water quality of the Vltava River (Slapy Reservoir), Czech Republic. Water Science and Technology, 1996, 33, 145-152.	2.5	13
108	Quantifying nitrogen leaching from diffuse agricultural and forest sources in a large heterogeneous catchment. Biogeochemistry, 2013, 115, 149-165.	3.5	13

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109	Seasonal Photochemical Transformations of Nitrogen Species in a Forest Stream and Lake. PLoS ONE, 2014, 9, e116364.	2.5	13
110	Lake water acidification and temperature have a lagged effect on the population dynamics of IsoÃ«tes echinospora via offspring recruitment. Ecological Indicators, 2016, 70, 420-430.	6.3	13
111	Photochemical degradation of dissolved organic matter reduces the availability of phosphorus for aquatic primary producers. Chemosphere, 2018, 193, 1018-1026.	8.2	13
112	Chemical composition of atmospheric precipitation in Czechoslovakia, 1978â€"1984â€"II. Event samples. Atmospheric Environment, 1988, 22, 1901-1908.	1.0	12
113	Pools and composition of soils in the alpine zone of the Tatra Mountains. Biologia (Poland), 2006, 61, S35-S49.	1.5	12
114	Biomass and element pools of selected spruce trees in the catchments of PleÅ¡nÃ© and ÄŒertovo Lakes in the Åumava Mts.. Journal of Forest Science, 2006, 52, 482-495.	1.1	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.	8.0	12
116	Estimation of tree biomass of Norway spruce forest in the PleÅ¡nÃ© Lake catchment, the Bohemian Forest. Biologia (Poland), 2006, 61, S523-S532.	1.5	11
117	CELL-SPECIFIC EXTRACELLULAR PHOSPHATASE ACTIVITY OF DINOFLAGELLATE POPULATIONS IN ACIDIFIED MOUNTAIN LAKES1. Journal of Phycology, 2010, 46, 635-644.	2.3	11
118	Effects of tree dieback on lake water acidity in the unmanaged catchment of PleÅ¡nÃ© Lake, Czech Republic. Limnology and Oceanography, 2019, 64, 1614-1626.	3.1	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.	4.9	10
121	Proton production by transformations of aluminium and iron in lakes. Water Research, 2008, 42, 1220-1228.	11.3	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	4.9	10
123	Acid Rain â€" 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.	8.0	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.	0.9	10
126	Concentration of nutrients in selected lakes in the High Tatra Mountains, Slovakia: effect of season and watershed. Hydrobiologia, 1996, 319, 47-55.	2.0	9

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127	Chemical composition of modern and pre-acidification sediments in the Tatra Mountain lakes. Biologia (Poland), 2006, 61, S65-S76.	1.5	9
128	Forest Die-Back Modified Plankton Recovery from Acidic Stress. Ambio, 2014, 43, 207-217.	5.5	9
129	Photochemical cleaving of allochthonous organic-metal complexes contributes to phosphorus immobilization in surface waters. Chemosphere, 2017, 167, 374-381.	8.2	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. Biologia (Poland), 2014, 69, 1190-1201.	1.5	8
132	In situ phosphorus dynamics in soil: long-term ion-exchange resin study. Biogeochemistry, 2018, 139, 307-320.	3.5	8
133	Temporal trends and spatial patterns of chironomid communities in alpine lakes recovering from acidification under accelerating climate change. Freshwater Biology, 2021, 66, 2223-2239.	2.4	8
134	Impact of diffuse pollution on water quality of the Vltava River (slapy reservoir), Czech Republic. Water Science and Technology, 1996, 33, 145.	2.5	7
135	Relationships between a catchment-scale forest disturbance index, time delays, and chemical properties of surface water. Ecological Indicators, 2021, 125, 107558.	6.3	7
136	Effect of snowmelt on the dynamics, isotopic and chemical composition of runoff in mature and regenerated forested catchments. Journal of Hydrology, 2021, 598, 126437.	5.4	7
137	Identifying factors that affect mountain lake sensitivity to atmospheric nitrogen deposition across multiple scales. Water Research, 2022, 209, 117883.	11.3	7
138	Integrated ecological research of catchment-lake ecosystems in the Bohemian Forest (Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.5	6
139	Long-term dynamics of watershed leaching and lake sediment sequestration of rare earth elements following deglaciation of two mountain watersheds. Journal of Paleolimnology, 2016, 55, 209-222.	1.6	6
140	Diverse effects of accelerating climate change on chemical recovery of alpine lakes from acidic deposition in soil-rich versus scree-rich catchments. Environmental Pollution, 2021, 284, 117522.	7.5	6
141	Forest damage and subsequent recovery alter the water composition in mountain lake catchments. Science of the Total Environment, 2022, 827, 154293.	8.0	6
142	Sources and transport of phosphorus in the vltava river basin (czech republic). Water Science and Technology, 1996, 33, 137.	2.5	5
143	Spatial and temporal changes of benthic macroinvertebrate assemblages in acidified streams in the Bohemian Forest (Czech Republic). Aquatic Insects, 2012, 34, 157-172.	0.9	5
144	Recovery of brown trout populations in streams exposed to atmospheric acidification in the Bohemian Forest. Folia Zoologica, 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. Aquatic Sciences, 2005, 67, 237-251.	1.5	5
146	Direct Determination of Particulate Phosphorus in Water With Perchloric Acid Digestion of Whole Membrane Filters. International Journal of Environmental Analytical Chemistry, 1993, 54, 27-30.	3.3	4
147	Disruptions and re-establishment of the calcium-bicarbonate equilibrium in freshwaters. Science of the Total Environment, 2020, 743, 140626.	8.0	4
148	Solar Radiation as the Likely Cause of Acid-Soluble Rare-Earth Elements in Sediments of Fresh Water Humic Lakes. Environmental Science & Technology, 2020, 54, 1545-1553.	10.0	4
149	Biogeochemical causes of sixty-year trends and seasonal variations of river water properties in a large European basin. Biogeochemistry, 2021, 154, 81-98.	3.5	4
150	Lithostratigraphy and age of the Bohemian Forest lake sediments: A first assessment. Geoscience Research Reports, 0, , .	0.0	2
151	Measurement of<i>in situ</i>Phosphorus Availability in Acidified Soils using Iron-Infused Resin. Communications in Soil Science and Plant Analysis, 0, , 1-8.	1.4	1
152	Only the adults survive â€“ A long-term resistance of IsoÃ«tes lacustris to acidity and aluminium toxicity stress in a Bohemian Forest lake. Ecological Indicators, 2020, 111, 106026.	6.3	1
153	Bacterial and phytoplankton responses to nutrient and pH changes during short term in situ experiments in two acidified lakes. Algological Studies, 2005, 115, 79-99.	0.1	0
154	UV photoinitiated changes of humic fluorophores, influence of metal ions. Photochemical and Photobiological Sciences, 2009, 8, 582.	2.9	0
155	The long-term succession of cladoceran fauna and palaeoclimate forcing: A 14,600â€“year record from PleÅ¡nÃ© Lake, the Bohemian Forest. , 2006, 61, S387.		0