

Jiri Kopacek

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155
papers

5,456
citations

38
h-index

67
g-index

159
ext. papers

6,123
ext. citations

5.7
avg, IF

5.36
L-index

#	Paper	IF	Citations
155	Forest damage and subsequent recovery alter the water composition in mountain lake catchments.. <i>Science of the Total Environment</i> , 2022 , 154293	10.2	1
154	Identifying factors that affect mountain lake sensitivity to atmospheric nitrogen deposition across multiple scales. <i>Water Research</i> , 2021 , 209, 117883	12.5	0
153	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	3.1	1
152	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	3.8	2
151	Relationships between a catchment-scale forest disturbance index, time delays, and chemical properties of surface water. <i>Ecological Indicators</i> , 2021 , 125, 107558	5.8	2
150	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	6	2
149	Coupling the resource stoichiometry and microbial biomass turnover to predict nutrient mineralization and immobilization in soil. <i>Geoderma</i> , 2021 , 385, 114884	6.7	12
148	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	9.3	2
147	Cleaner air reveals growing influence of climate on dissolved organic carbon trends in northern headwaters. <i>Environmental Research Letters</i> , 2021 , 16, 104009	6.2	7
146	Small-scale chemical and isotopic variability of hydrological pathways in a mountain lake catchment. <i>Journal of Hydrology</i> , 2020 , 585, 124834	6	11
145	Only the adults survive DA 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	5.8	1
144	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	10.2	7
143	Solar Radiation as the Likely Cause of Acid-Soluble Rare-Earth Elements in Sediments of Fresh Water Humic Lakes. <i>Environmental Science & Technology</i> , 2020 , 54, 1545-1553	10.3	3
142	Disruptions and re-establishment of the calcium-bicarbonate equilibrium in freshwaters. <i>Science of the Total Environment</i> , 2020 , 743, 140626	10.2	3
141	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	2.5	9
140	The chemical composition of forest soils and their degree of acidity in Central Europe. <i>Science of the Total Environment</i> , 2019 , 687, 96-103	10.2	5
139	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	10.2	17

138	Lacustrine systems of Clearwater Mesa (James Ross Island, north-eastern Antarctic Peninsula): geomorphological setting and limnological characterization. <i>Antarctic Science</i> , 2019 , 31, 169-188	1.7	7
137	Effects of tree dieback on lake water acidity in the unmanaged catchment of Plešňo Lake, Czech Republic. <i>Limnology and Oceanography</i> , 2019 , 64, 1614-1626	4.8	6
136	Mountain lakes: Eyes on global environmental change. <i>Global and Planetary Change</i> , 2019 , 178, 77-95	4.2	93
135	Widespread diminishing anthropogenic effects on calcium in freshwaters. <i>Scientific Reports</i> , 2019 , 9, 10450	4.9	38
134	Effects of Bark Beetle Disturbance on Soil Nutrient Retention and Lake Chemistry in Glacial Catchment. <i>Ecosystems</i> , 2019 , 22, 725-741	3.9	12
133	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	5.8	10
132	Photochemical degradation of dissolved organic matter reduces the availability of phosphorus for aquatic primary producers. <i>Chemosphere</i> , 2018 , 193, 1018-1026	8.4	9
131	Factors Affecting the Leaching of Dissolved Organic Carbon after Tree Dieback in an Unmanaged European Mountain Forest. <i>Environmental Science & Technology</i> , 2018 , 52, 6291-6299	10.3	11
130	In situ phosphorus dynamics in soil: long-term ion-exchange resin study. <i>Biogeochemistry</i> , 2018 , 139, 307-320	3.8	6
129	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	10.2	13
128	Increased spruce tree growth in Central Europe since 1960s. <i>Science of the Total Environment</i> , 2018 , 619-620, 1637-1647	10.2	17
127	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	10.2	31
126	Climate Change Increasing Calcium and Magnesium Leaching from Granitic Alpine Catchments. <i>Environmental Science & Technology</i> , 2017 , 51, 159-166	10.3	25
125	Trends in riverine element fluxes: A chronicle of regional socio-economic changes. <i>Water Research</i> , 2017 , 125, 374-383	12.5	10
124	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	10.2	33
123	Photochemical cleaving of allochthonous organic-metal complexes contributes to phosphorus immobilization in surface waters. <i>Chemosphere</i> , 2017 , 167, 374-381	8.4	7
122	Recovery of brown trout populations in streams exposed to atmospheric acidification in the Bohemian Forest. <i>Folia Zoologica</i> , 2017 , 66, 1-10	1.3	2
121	Long-term trends of phosphorus concentrations in an artificial lake: Socio-economic and climate drivers. <i>PLoS ONE</i> , 2017 , 12, e0186917	3.7	17

120	Discerning environmental factors affecting current tree growth in Central Europe. <i>Science of the Total Environment</i> , 2016 , 573, 541-554	10.2	28
119	Predicting sulphur and nitrogen deposition using a simple statistical method. <i>Atmospheric Environment</i> , 2016 , 140, 456-468	5.3	29
118	The sensitivity of water chemistry to climate in a forested, nitrogen-saturated catchment recovering from acidification. <i>Ecological Indicators</i> , 2016 , 63, 196-208	5.8	20
117	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	2.1	4
116	A comparative study of long-term Hg and Pb sediment archives. <i>Environmental Chemistry</i> , 2016 , 13, 517	3.2	16
115	Lake water acidification and temperature have a lagged effect on the population dynamics of <i>Isoetes echinospora</i> via offspring recruitment. <i>Ecological Indicators</i> , 2016 , 70, 420-430	5.8	12
114	Constraints on the biological recovery of the Bohemian Forest lakes from acid stress. <i>Freshwater Biology</i> , 2016 , 61, 376-395	3.1	16
113	Measurement of in situ Phosphorus Availability in Acidified Soils using Iron-Infused Resin. <i>Communications in Soil Science and Plant Analysis</i> , 2016 , 1-8	1.5	1
112	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	12.5	37
111	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	3.9	28
110	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	3.4	20
109	Modelling inorganic nitrogen in runoff: Seasonal dynamics at four European catchments as simulated by the MAGIC model. <i>Science of the Total Environment</i> , 2015 , 536, 1019-1028	10.2	10
108	Catchment biogeochemistry modifies long-term effects of acidic deposition on chemistry of mountain lakes. <i>Biogeochemistry</i> , 2015 , 125, 315-335	3.8	17
107	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, 178-93	6.5	49
106	Effects of acidic deposition on in-lake phosphorus availability: a lesson from lakes recovering from acidification. <i>Environmental Science & Technology</i> , 2015 , 49, 2895-903	10.3	38
105	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	3.7	28
104	Sulphate leaching from diffuse agricultural and forest sources in a large central European catchment during 1900-2010. <i>Science of the Total Environment</i> , 2014 , 470-471, 543-50	10.2	20
103	Acid Rain Acidification and Recovery 2014 , 379-414		8

102	A mass-balance study on chloride fluxes in a large central European catchment during 1900-2010. <i>Biogeochemistry</i> , 2014 , 120, 319-335	3.8	11
101	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	2.6	13
100	Seasonal photochemical transformations of nitrogen species in a forest stream and lake. <i>PLoS ONE</i> , 2014 , 9, e116364	3.7	10
99	Littoral macroinvertebrates of acidified lakes in the Bohemian Forest. <i>Biologia (Poland)</i> , 2014 , 69, 1190-1201	1.9	4
98	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 & Technology</i> , 2014 , 48, 13280-8	10.3	22
97	Forest die-back modified plankton recovery from acidic stress. <i>Ambio</i> , 2014 , 43, 207-17	6.5	6
96	Global change revealed by palaeolimnological records from remote lakes: a review. <i>Journal of Paleolimnology</i> , 2013 , 49, 513-535	2.1	137
95	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	3.8	68
94	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, 547-57	12.5	31
93	Factors controlling the export of nitrogen from agricultural land in a large central European catchment during 1900-2010. <i>Environmental Science & Technology</i> , 2013 , 47, 6400-7	10.3	46
92	Response of soil chemistry to forest dieback after bark beetle infestation. <i>Biogeochemistry</i> , 2013 , 113, 369-383	3.8	43
91	Quantifying nitrogen leaching from diffuse agricultural and forest sources in a large heterogeneous catchment. <i>Biogeochemistry</i> , 2013 , 115, 149-165	3.8	10
90	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	1.7	54
89	Modelling soil nitrogen: the MAGIC model with nitrogen retention linked to carbon turnover using decomposer dynamics. <i>Environmental Pollution</i> , 2012 , 165, 158-66	9.3	40
88	An elevation-based regional model for interpolating sulphur and nitrogen deposition. <i>Atmospheric Environment</i> , 2012 , 50, 287-296	5.3	29
87	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	0.5	4
86	Biomass and element pools of selected spruce trees in the catchments of Plešné and ěrtovo Lakes in the Šumava Mts.. <i>Journal of Forest Science</i> , 2012 , 52, 482-495	0.9	6
85	Anthropogenic nitrogen emissions during the Holocene and their possible effects on remote ecosystems. <i>Global Biogeochemical Cycles</i> , 2011 , 25, n/a-n/a	5.9	31

84	The controls on phosphorus availability in a Boreal lake ecosystem since deglaciation. <i>Journal of Paleolimnology</i> , 2011 , 46, 107-122	2.1	36
83	Phosphorus loading of mountain lakes: Terrestrial export and atmospheric deposition. <i>Limnology and Oceanography</i> , 2011 , 56, 1343-1354	4.8	36
82	Phosphate Sorption Characteristics of European Alpine Soils. <i>Soil Science Society of America Journal</i> , 2011 , 75, 862-870	2.5	12
81	Interaction of Climate Change and Acid Deposition 2010 , 152-179		5
80	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	3.1	14
79	CELL-SPECIFIC EXTRACELLULAR PHOSPHATASE ACTIVITY OF DINOFLAGELLATE POPULATIONS IN ACIDIFIED MOUNTAIN LAKES1. <i>Journal of Phycology</i> , 2010 , 46, 635-644	3	9
78	Canopy leaching of nutrients and metals in a mountain spruce forest. <i>Atmospheric Environment</i> , 2009 , 43, 5443-5453	5.3	42
77	Nitrogen transformations and pools in N-saturated mountain spruce forest soils. <i>Biology and Fertility of Soils</i> , 2009 , 45, 395-404	6.1	15
76	Regionalisation of chemical variability in European mountain lakes. <i>Freshwater Biology</i> , 2009 , 54, 2452-2469	4.6	66
75	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, 1439-48	4.2	32
74	Photochemical release of humic and fulvic acid-bound metals from simulated soil and streamwater. <i>Journal of Environmental Monitoring</i> , 2009 , 11, 1064-71		24
73	UV photoinitiated changes of humic fluorophores, influence of metal ions. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 582-6	4.2	
72	Speciation of Al, Fe, and P in recent sediment from three lakes in Maine, USA. <i>Science of the Total Environment</i> , 2008 , 404, 276-83	10.2	33
71	Proton production by transformations of aluminium and iron in lakes. <i>Water Research</i> , 2008 , 42, 1220-8	12.5	10
70	Predicting long-term recovery of a strongly acidified stream using MAGIC and climate models (Litavka, Czech Republic). <i>Hydrology and Earth System Sciences</i> , 2008 , 12, 479-490	5.5	7
69	Carbon isotopes in tree rings of Norway spruce exposed to atmospheric pollution. <i>Environmental Science & Technology</i> , 2007 , 41, 5778-82	10.3	27
68	Dissolved organic carbon trends resulting from changes in atmospheric deposition chemistry. <i>Nature</i> , 2007 , 450, 537-40	50.4	1206
67	Natural inactivation of phosphorus by aluminum in preindustrial lake sediments. <i>Limnology and Oceanography</i> , 2007 , 52, 1147-1155	4.8	37

66	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, 154-66	10.2	59
65	Photochemical source of metals for sediments. <i>Environmental Science & Technology</i> , 2006 , 40, 4455-60	10.3	46
64	Chemical composition of the Tatra Mountain lakes: Response to acidification. <i>Biologia (Poland)</i> , 2006 , 61, S11-S20	1.5	29
63	Chemical composition of the Tatra Mountain lakes: Recovery from acidification. <i>Biologia (Poland)</i> , 2006 , 61, S21-S33	1.5	55
62	Pools and composition of soils in the alpine zone of the Tatra Mountains. <i>Biologia (Poland)</i> , 2006 , 61, S35-S49	1.5	10
61	Chemical composition of modern and pre-acidification sediments in the Tatra Mountain lakes. <i>Biologia (Poland)</i> , 2006 , 61, S65-S76	1.5	8
60	Element fluxes in watershed-lake ecosystems recovering from acidification: Ěrtovo Lake, the Bohemian Forest, 2001-2005. <i>Biologia (Poland)</i> , 2006 , 61, S413-S426	1.5	19
59	Element fluxes in watershed-lake ecosystems recovering from acidification: Pleš Lake, the Bohemian Forest, 2001-2005. <i>Biologia (Poland)</i> , 2006 , 61, S427-S440	1.5	23
58	Biological recovery of the Bohemian Forest lakes from acidification. <i>Biologia (Poland)</i> , 2006 , 61, S453-S465	1.5	28
57	The long-term succession of cladoceran fauna and palaeoclimate forcing: A 14,600-year record from Pleš Lake, the Bohemian Forest. <i>Biologia (Poland)</i> , 2006 , 61, S387-S399	1.5	18
56	Biomass and element pools of understory vegetation in the catchments of Ěrtovo Lake and Pleš Lake in the Bohemian Forest. <i>Biologia (Poland)</i> , 2006 , 61, S509-S521	1.5	23
55	Estimation of tree biomass of Norway spruce forest in the Pleš Lake catchment, the Bohemian Forest. <i>Biologia (Poland)</i> , 2006 , 61, S523-S532	1.5	11
54	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	1.5	14
53	Integrated ecological research of catchment-lake ecosystems in the Bohemian Forest (Central Europe): A preface. <i>Biologia (Poland)</i> , 2006 , 61, S363-S370	1.5	6
52	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	2.6	31
51	The long-term succession of cladoceran fauna and palaeoclimate forcing: A 14,600-year record from Pleš Lake, the Bohemian Forest 2006 , 61, S387		
50	Photochemical production of ionic and particulate aluminum and iron in lakes. <i>Environmental Science & Technology</i> , 2005 , 39, 3656-62	10.3	44
49	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	9.3	43

48	Aluminum control of phosphorus sorption by lake sediments. <i>Environmental Science & Technology</i> , 2005 , 39, 8784-9	10.3	147
47	Recovery of acidified European surface waters. <i>Environmental Science & Technology</i> , 2005 , 39, 64A-72A	10.3	103
46	Bacterial and phytoplankton responses to nutrient and pH changes during short term in situ experiments in two acidified lakes. <i>Algological Studies</i> , 2005 , 115, 79-99		
45	Sulfur and nitrogen emissions in the Czech Republic and Slovakia from 1850 till 2000. <i>Atmospheric Environment</i> , 2005 , 39, 2179-2188	5.3	94
44	Acidification in European mountain lake districts: A regional assessment of critical load exceedance. <i>Aquatic Sciences</i> , 2005 , 67, 237-251	2.5	37
43	Increasing silicon concentrations in Bohemian Forest lakes. <i>Hydrology and Earth System Sciences</i> , 2005 , 9, 699-706	5.5	8
42	Acidification in European mountain lake districts: A regional assessment of critical load exceedance 2005 , 67, 237		2
41	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	1.5	47
40	Soil biochemical activity and phosphorus transformations and losses from acidified forest soils. <i>Soil Biology and Biochemistry</i> , 2004 , 36, 1569-1576	7.5	41
39	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	2.6	36
38	Seasonal and photochemical changes of DOM in an acidified forest lake and its tributaries. <i>Aquatic Sciences</i> , 2004 , 66, 211-222	2.5	23
37	Nutrient cycling in a strongly acidified mesotrophic lake. <i>Limnology and Oceanography</i> , 2004 , 49, 1202-1213	1.3	41
36	Increasing temperature decreases aluminum concentrations in Central European lakes recovering from acidification. <i>Limnology and Oceanography</i> , 2003 , 48, 2346-2354	4.8	21
35	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	4.8	40
34	A modelling assessment of acidification and recovery of European surface waters. <i>Hydrology and Earth System Sciences</i> , 2003 , 7, 447-455	5.5	24
33	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	5.5	57
32	Long-term studies (1871-2000) on acidification and recovery of lakes in the Bohemian Forest (central Europe). <i>Science of the Total Environment</i> , 2003 , 310, 73-85	10.2	73
31	Massive occurrence of heterotrophic filaments in acidified lakes: seasonal dynamics and composition. <i>FEMS Microbiology Ecology</i> , 2003 , 46, 281-94	4.3	17

30	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	5.5	19
29	Hysteresis in Reversal of Central European Mountain Lakes from Atmospheric Acidification. <i>Water, Air and Soil Pollution</i> , 2002 , 2, 91-114		47
28	Reconstruction of Long-Term Changes in Lake water Chemistry, Zooplankton and Benthos of a Small, Acidified High-Mountain Lake: Magic Modelling and Palaeolimnological Analysis. <i>Water, Air and Soil Pollution</i> , 2002 , 2, 127-138		27
27	Seasonal ecosystem variability in remote mountain lakes: implications for detecting climatic signals in sediment records. <i>Journal of Paleolimnology</i> , 2002 , 28, 25-46	2.1	109
26	Impact of ionic aluminium on extracellular phosphatases in acidified lakes. <i>Environmental Microbiology</i> , 2001 , 3, 578-87	5.2	18
25	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	1.5	38
24	Natural inactivation of phosphorus by aluminum in atmospherically acidified water bodies. <i>Water Research</i> , 2001 , 35, 3783-90	12.5	51
23	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	5.5	70
22	Response of sulphur dynamics in European catchments to decreasing sulphate deposition. <i>Hydrology and Earth System Sciences</i> , 2001 , 5, 311-326	5.5	107
21	Recovery from acidification in European surface waters. <i>Hydrology and Earth System Sciences</i> , 2001 , 5, 283-298	5.5	204
20	Phosorus availability in an acidified watershed-lake ecosystem. <i>Limnology and Oceanography</i> , 2000 , 45, 212-225	4.8	70
19	Factors governing nutrient status of mountain lakes in the Tatra Mountains. <i>Freshwater Biology</i> , 2000 , 43, 369-383	3.1	58
18	Estimation of organic acid anion concentrations and evaluation of charge balance in atmospherically acidified colored waters. <i>Water Research</i> , 2000 , 34, 3598-3606	12.5	37
17	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	4.8	42
16	Trends and seasonal patterns of bulk deposition of nutrients in the Czech Republic. <i>Atmospheric Environment</i> , 1997 , 31, 797-808	5.3	42
15	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	2.2	13
14	Sources and transport of phosphorus in the vltava river basin (czech republic). <i>Water Science and Technology</i> , 1996 , 33, 137	2.2	3
13	Impact of diffuse pollution on water quality of the Vltava River (slapy reservoir), Czech Republic. <i>Water Science and Technology</i> , 1996 , 33, 145	2.2	4

12	Concentration of nutrients in selected lakes in the High Tatra Mountains, Slovakia: effect of season and watershed. <i>Hydrobiologia</i> , 1996 , 319, 47-55	2.4	7
11	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	1.5	25
10	Chemical characteristics of lakes in the High Tatra Mountains, Slovakia. <i>Hydrobiologia</i> , 1994 , 274, 49-56	2.4	22
9	Chlorophyll-phosphorus relationship in acidified lakes of the High Tatra Mountains (Slovakia). <i>Hydrobiologia</i> , 1994 , 274, 171-177	2.4	24
8	Ammonium uptake in alpine streams in the High Tatra Mountains (Slovakia). <i>Hydrobiologia</i> , 1994 , 294, 157-165	2.4	13
7	Chemical characteristics of lakes in the High Tatra Mountains, Slovakia 1994 , 49-56		1
6	Chlorophyll-phosphorus relationship in acidified lakes of the High Tatra Mountains (Slovakia) 1994 , 171-177		
5	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	57
4	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	14
3	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	3
2	Determination of low chemical oxygen demand values in water by the dichromate semi-micro method. <i>Analyst, The</i> , 1990 , 115, 1463-1467	5	58
1	Chemical composition of atmospheric precipitation in Czechoslovakia, 1978-1984. Event samples. <i>Atmospheric Environment</i> , 1988 , 22, 1901-1908		5