

Lake responses to reduced nutrient loading - an analysis from 35 case studies

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Citation Report

#	ARTICLE	IF	CITATIONS
1	References and author index. , 0, , 539-625.		0
3	Response of fish and plankton to nutrient loading reduction in eight shallow Danish lakes with special emphasis on seasonal dynamics. <i>Freshwater Biology</i> , 2005, 50, 1616-1627.	1.2	110
4	Consequences of reduced nutrient loading on a lake system in a lowland catchment: deviations from the norm?. <i>Freshwater Biology</i> , 2005, 50, 1687-1705.	1.2	73
5	Long-term response of a shallow, moderately flushed lake to reduced external phosphorus and nitrogen loading. <i>Freshwater Biology</i> , 2005, 50, 1639-1650.	1.2	138
6	Response of a shallow Mediterranean lake to nutrient diversion: does it follow similar patterns as in northern shallow lakes?. <i>Freshwater Biology</i> , 2005, 50, 1706-1717.	1.2	96
7	Ecological effects of reduced nutrient loading (oligotrophication) on lakes: an introduction. <i>Freshwater Biology</i> , 2005, 50, 1589-1593.	1.2	83
8	Phytoplankton strategies and diversity under different nutrient levels and planktivorous fish densities in a shallow Mediterranean lake. <i>Journal of Plankton Research</i> , 2005, 27, 1273-1286.	0.8	41
9	Temporal Trends in Lake Erie Plankton Biomass: Roles of External Phosphorus Loading and Dreissenid Mussels. <i>Journal of Great Lakes Research</i> , 2005, 31, 89-110.	0.8	121
10	Restoration of submerged vegetation in shallow eutrophic lakes – A guideline and state of the art in Germany. <i>Limnologica</i> , 2006, 36, 155-171.	0.7	233
11	Linking palaeoenvironmental data and models to understand the past and to predict the future. <i>Trends in Ecology and Evolution</i> , 2006, 21, 696-704.	4.2	116
12	The direct contribution of fish to lake phosphorus cycles. <i>Ecology of Freshwater Fish</i> , 2006, 15, 86-95.	0.7	51
13	Habitat distribution of fish in late summer: changes along a nutrient gradient in Danish lakes. <i>Ecology of Freshwater Fish</i> , 2006, 15, 180-190.	0.7	35
14	Yields of European perch from Upper Lake Constance from 1910 to present. <i>Fisheries Management and Ecology</i> , 2006, 13, 381-390.	1.0	21
15	Structure, biomass, production and depth distribution of periphyton on artificial substratum in shallow lakes with contrasting nutrient concentrations. <i>Freshwater Biology</i> , 2006, 51, 95-109.	1.2	80
16	Impacts of introduced brown and rainbow trout on benthic invertebrate communities in shallow New Zealand lakes. <i>Freshwater Biology</i> , 2006, 51, 2009-2028.	1.2	44
17	Implications of Climate-enforced Temperature Increases on Freshwater Pico- and Nanoplankton Populations Studied in Artificial Ponds During 16 Months. <i>Hydrobiologia</i> , 2006, 560, 259-266.	1.0	52
18	Development of a structurally dynamic model for forecasting the effects of restoration of Lake Fure, Denmark. <i>Ecological Modelling</i> , 2006, 197, 89-102.	1.2	66
19	Nitrogen emissions into freshwater ecosystems: is there a need for nitrate elimination in all wastewater treatment plants?. <i>Clean - Soil, Air, Water</i> , 2006, 34, 305-324.	0.8	29

#	ARTICLE	IF	CITATIONS
20	Degradation of water quality in Lough Neagh, Northern Ireland, by diffuse nitrogen flux from a phosphorus-rich catchment. <i>Limnology and Oceanography</i> , 2007, 52, 354-369.	1.6	99
21	Lakes and society: Mirrors to our past, present and future. <i>Lake and Reservoir Management</i> , 2007, 23, 457-465.	0.4	6
23	Trophic development of the deep lakes south of the Alps: a comparative analysis. <i>Fundamental and Applied Limnology</i> , 2007, 170, 177-196.	0.4	67
24	Experimental study of the zooplankton impact on the trophic structure of phytoplankton and the microbial assemblages in a temperate wetland (Argentina). <i>Limnologica</i> , 2007, 37, 88-99.	0.7	32
25	Long-term management of Pyhäjärvi (southwest Finland): eutrophication, restoration – recovery?. <i>Lake and Reservoir Management</i> , 2007, 23, 428-438.	0.4	39
27	Danish and other European experiences in managing shallow lakes. <i>Lake and Reservoir Management</i> , 2007, 23, 439-451.	0.4	25
28	Paradoxes of Enrichment: Effects of Increased Light versus Nutrient Supply on Pelagic Producer-Grazer Systems. <i>American Naturalist</i> , 2007, 169, E173-E191.	1.0	57
29	Comparing effects of oligotrophication and upstream hydropower dams on plankton and productivity in perialpine lakes. <i>Water Resources Research</i> , 2007, 43, .	1.7	22
30	Undesirable side-effects of water hyacinth control in a shallow tropical reservoir. <i>Freshwater Biology</i> , 2007, 52, 1120-1133.	1.2	88
31	Major changes in trophic dynamics in large, deep sub-alpine Lake Maggiore from 1940s to 2002: a high resolution comparative palaeo-neolimnological study. <i>Freshwater Biology</i> , 2007, 52, 2256-2269.	1.2	83
32	Lake depth and geographical position modify lake fish assemblages of the European –Central Plains– ecoregion. <i>Freshwater Biology</i> , 2007, 52, 2285-2297.	1.2	65
33	Freshwater Biology ? looking back, looking forward. <i>Freshwater Biology</i> , 2007, 52, 1863-1867.	1.2	10
34	Lake restoration: successes, failures and long-term effects. <i>Journal of Applied Ecology</i> , 2007, 44, 1095-1105.	1.9	458
35	Anthropogenic impacts on lake and stream ecosystems, and approaches to restoration. <i>Journal of Applied Ecology</i> , 2007, 44, 1089-1094.	1.9	148
36	Variation in the reactive phosphorus concentrations in rivers of northwest Europe with respect to their potential to cause eutrophication. <i>Soil Use and Management</i> , 2007, 23, 195-204.	2.6	23
37	Land use scenarios for England and Wales: evaluation of management options to support ?good ecological status? in surface freshwaters. <i>Soil Use and Management</i> , 2007, 23, 176-194.	2.6	60
38	Phosphorus partitioning in a shallow lake: implications for water quality management. <i>Water and Environment Journal</i> , 2007, 21, 47-53.	1.0	50
39	Modeling phosphorus flux in the sediments of Onondaga Lake: Insights on the timing of lake response and recovery. <i>Ecological Modelling</i> , 2007, 209, 121-135.	1.2	25

#	ARTICLE	IF	CITATIONS
40	Bottom-up control of whitefish populations in ultra-oligotrophic Lake Brienz. <i>Aquatic Sciences</i> , 2007, 69, 271-288.	0.6	32
41	Effects of upstream hydropower operation and oligotrophication on the light regime of a turbid peri-alpine lake. <i>Aquatic Sciences</i> , 2007, 69, 212-226.	0.6	23
42	A Dynamic Mass-balance Model for Phosphorus in Lakes with a Focus on Criteria for Applicability and Boundary Conditions. <i>Water, Air, and Soil Pollution</i> , 2007, 187, 119-147.	1.1	23
43	Restoration of shallow lakes by nutrient control and biomanipulation—the successful strategy varies with lake size and climate. <i>Hydrobiologia</i> , 2007, 581, 269-285.	1.0	362
44	State of the art in the functioning of shallow Mediterranean lakes: workshop conclusions. <i>Hydrobiologia</i> , 2007, 584, 317-326.	1.0	152
45	Shallow lake restoration by nutrient loading reduction—some recent findings and challenges ahead. <i>Hydrobiologia</i> , 2007, 584, 239-252.	1.0	275
46	Reaction of large and shallow lakes Peipsi and Võrtsjärv to the changes of nutrient loading. <i>Hydrobiologia</i> , 2007, 584, 253-264.	1.0	43
47	The importance of drawdown and sediment removal for the restoration of the eutrophied shallow Lake Kraenepoel (Belgium). <i>Hydrobiologia</i> , 2007, 584, 291-303.	1.0	38
48	Zooplankton response to extreme drought in a large subtropical lake. <i>Hydrobiologia</i> , 2007, 589, 187-198.	1.0	24
49	Long-term response of <i>Dreissena polymorpha</i> larvae to physical and biological forcing in a shallow lake. <i>Oecologia</i> , 2007, 151, 104-114.	0.9	25
50	Resilience of Alternative Stable States during the Recovery of Shallow Lakes from Eutrophication: Lake Veluwe as a Case Study. <i>Ecosystems</i> , 2007, 10, 4-16.	1.6	219
51	A Comparison of Predictive Phosphorus Load-Concentration Models for Lakes. <i>Ecosystems</i> , 2007, 10, 1084-1099.	1.6	19
52	Highlights of large lake research and management in Europe. <i>Hydrobiologia</i> , 2008, 599, 259-276.	1.0	30
53	The Contribution of Marsh Zones to Water Quality in Dutch Shallow Lakes: A Modeling Study. <i>Environmental Management</i> , 2008, 42, 1002-1016.	1.2	22
54	Long-Term Changes in Water Quality and Productivity in the Patuxent River Estuary: 1985 to 2003. <i>Estuaries and Coasts</i> , 2008, 31, 1021-1037.	1.0	68
55	Probabilistic Estimate of a Threshold for Eutrophication. <i>Ecosystems</i> , 2008, 11, 601-613.	1.6	73
56	The Influence of Land Use on Lake Nutrients Varies with Watershed Transport Capacity. <i>Ecosystems</i> , 2008, 11, 1021-1034.	1.6	178
57	Rapid Recovery from Eutrophication of a Stratified Lake by Disruption of Internal Nutrient Load. <i>Ecosystems</i> , 2008, 11, 1142-1156.	1.6	73

#	ARTICLE	IF	CITATIONS
58	Lake Restoration by Fish Removal: Short- and Long-Term Effects in 36 Danish Lakes. <i>Ecosystems</i> , 2008, 11, 1291-1305.	1.6	160
59	Using aquatic macrophyte community indices to define the ecological status of European lakes. <i>Aquatic Ecology</i> , 2008, 42, 253-264.	0.7	111
60	Nutritional Limitation Travels up the Food Chain. <i>International Review of Hydrobiology</i> , 2008, 93, 479-488.	0.5	107
61	Generalist versus specialist: the performances of perch and ruffe in a lake of low productivity. <i>Ecology of Freshwater Fish</i> , 2008, 17, 86-99.	0.7	39
62	Field and experimental evidence of the effect of <i>Jenynsia multidentata</i> , a small omnivorous planktivorous fish, on the size distribution of zooplankton in subtropical lakes. <i>Freshwater Biology</i> , 2008, 53, 1797-1807.	1.2	63
63	The response of <i>Vallisneria spirulosa</i> (Hydrocharitaceae) to different loadings of ammonia and nitrate at moderate phosphorus concentration: a mesocosm approach. <i>Freshwater Biology</i> , 2008, 53, 2321-2330.	1.2	30
64	Warming promotes cold-adapted phytoplankton in temperate lakes and opens a loophole for Oscillatoriales in spring. <i>Global Change Biology</i> , 2008, 14, 2194-2200.	4.2	57
65	100 years of vegetation decline and recovery in Lake Fure, Denmark. <i>Journal of Ecology</i> , 2008, 96, 260-271.	1.9	115
66	Inferring recent changes in the ecological state of 21 Danish candidate reference lakes (EU Water) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.9	33
67	Can allelopathically active submerged macrophytes stabilise clear-water states in shallow lakes?. <i>Basic and Applied Ecology</i> , 2008, 9, 422-432.	1.2	282
68	Modelling the relative importance of internal and external nutrient loads on water column nutrient concentrations and phytoplankton biomass in a shallow polymictic lake. <i>Ecological Modelling</i> , 2008, 211, 411-423.	1.2	131
69	The Water Framework Directive: Setting the phosphorus loading target for a deep lake in Denmark using the 1D lake ecosystem model DYRESM-CAEDYM. <i>Ecological Modelling</i> , 2008, 219, 138-152.	1.2	79
70	Phosphorus retention and release by sediments in the eutrophic Mai Po Marshes, Hong Kong. <i>Marine Pollution Bulletin</i> , 2008, 57, 349-356.	2.3	68
71	Highlights of large lake research and management in Europe. , 2007, , 259-276.		0
72	European Large Lakes Ecosystem changes and their ecological and socioeconomic impacts. , 2008, , .		5
73	Re-oligotrophication by phosphorus reduction and effects on seston quality in lakes. <i>Limnologica</i> , 2008, 38, 189-202.	0.7	30
74	Lake restoration studies: Failures, bottlenecks and prospects of new ecotechnological measures. <i>Limnologica</i> , 2008, 38, 233-247.	0.7	159
75	Predicting the effects of reduced external nitrogen loading on the nitrogen dynamics and ecological state of deep Lake Ravn, Denmark, using the DYRESM-CAEDYM model. <i>Limnologica</i> , 2008, 38, 220-232.	0.7	47

#	ARTICLE	IF	CITATIONS
76	Effects of light on sediment nutrient flux and water column nutrient stoichiometry in a shallow lake. <i>Water Research</i> , 2008, 42, 977-986.	5.3	81
77	Tools and Criteria for Sustainable Coastal Ecosystem Management. , 2008, , .		0
78	Phytoplankton response to climate warming modified by trophic state. <i>Limnology and Oceanography</i> , 2008, 53, 1-13.	1.6	105
79	Investigation of nutrient limitation status and nutrient pathways in Lake Hayes, Otago, New Zealand: A case study for integrated lake assessment. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2008, 42, 285-295.	0.8	12
80	Development of phosphorus load reduction goals for seven lakes in the Upper Ocklawaha River Basin, Florida. <i>Lake and Reservoir Management</i> , 2008, 24, 139-154.	0.4	16
81	Sediment and nutrient accumulation rates in sediments of twelve New Zealand lakes: influence of lake morphology, catchment characteristics and trophic state. <i>Marine and Freshwater Research</i> , 2008, 59, 1067.	0.7	25
82	Comparison of fish size distribution and fish abundance estimates obtained with hydroacoustics and gill netting in the open water of a large shallow lake. <i>Annales De Limnologie</i> , 2008, 44, 231-240.	0.6	16
83	Occurrence of Aquatic Macrophytes in a Eutrophic Subtropical Lake in Relation to Toxic Wastewater and Fish Overstocking. <i>Journal of Freshwater Ecology</i> , 2008, 23, 13-19.	0.5	7
84	Restoration of a shallow Mediterranean lake by biomanipulation complicated by drought. <i>Fundamental and Applied Limnology</i> , 2008, 171, 105-118.	0.4	61
85	Temporal trends of trophic state variables in a shallow hypereutrophic subtropical lake, Lake Griffin, Florida, USA. <i>Fundamental and Applied Limnology</i> , 2008, 172, 263-271.	0.4	11
86	Water Quality Trends and Changing Agricultural Practices in a Midwest U.S. Watershed, 1994â€“2006. <i>Journal of Environmental Quality</i> , 2008, 37, 1862-1874.	1.0	52
87	Coastal hypoxia and sediment biogeochemistry. <i>Biogeosciences</i> , 2009, 6, 1273-1293.	1.3	515
88	Newman Lake restoration: A case study. Part I. Chemical and biological responses to phosphorus control. <i>Lake and Reservoir Management</i> , 2009, 25, 337-350.	0.4	31
89	Lakes as sentinels of climate change. <i>Limnology and Oceanography</i> , 2009, 54, 2283-2297.	1.6	1,314
90	Palaeolimnological assessment of the reference conditions and ecological status of lakes in Estonia - implications for the European Union Water Framework Directive. <i>Estonian Journal of Earth Sciences</i> , 2009, 58, 334.	0.4	14
91	Eutrophication: Time to Adjust Expectationsâ€™Response. <i>Science</i> , 2009, 324, 724-725.	6.0	32
92	Eutrophication: Focus on Phosphorus. <i>Science</i> , 2009, 324, 722-722.	6.0	88
93	Response of heterotrophic bacteria, autotrophic picoplankton and heterotrophic nanoflagellates to re-oligotrophication. <i>Journal of Plankton Research</i> , 2009, 31, 899-907.	0.8	9

#	ARTICLE	IF	CITATIONS
94	Lake sediment phosphorus release management—Decision support and risk assessment framework. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 819-856.	0.8	125
95	Phytoplankton productivity increased in Lake Geneva despite phosphorus loading reduction. <i>Journal of Plankton Research</i> , 2009, 31, 1179-1194.	0.8	33
96	Structural changes in lake functioning induced from nutrient loading and climate variability. <i>Ecological Modelling</i> , 2009, 220, 979-997.	1.2	26
97	Implementation of ecological modeling as an effective management and investigation tool: Lake Kinneret as a case study. <i>Ecological Modelling</i> , 2009, 220, 1697-1718.	1.2	139
98	Uncertainties in Data and Spurious Correlations Related to the Redfield Ratio. <i>International Review of Hydrobiology</i> , 2009, 94, 338-351.	0.5	9
99	Abrupt shift from clear to turbid state in a shallow eutrophic, biomanipulated lake. <i>Hydrobiologia</i> , 2009, 620, 149-161.	1.0	26
100	Comparative analysis of nutrients, chlorophyll and transparency in two large shallow lakes (Lake Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	1.0	81
101	Zooplankton—phytoplankton relationships in shallow subtropical versus temperate lakes Apopka (Florida, USA) and Trasimeno (Umbria, Italy). <i>Hydrobiologia</i> , 2009, 628, 165-175.	1.0	77
102	Eutrophication and the macroscope. <i>Hydrobiologia</i> , 2009, 629, 5-19.	1.0	175
103	Modeling eutrophication and oligotrophication of shallow-water marine systems: the importance of sediments under stratified and well-mixed conditions. <i>Hydrobiologia</i> , 2009, 629, 239-254.	1.0	65
104	Periphyton biomass, potential production and respiration in a shallow lake during winter and spring. <i>Hydrobiologia</i> , 2009, 632, 201-210.	1.0	16
105	Austrian Index Macrophytes (AIM-Module 1) for lakes: a Water Framework Directive compliant assessment system for lakes using aquatic macrophytes. <i>Hydrobiologia</i> , 2009, 633, 83-104.	1.0	37
106	Return to Neverland: Shifting Baselines Affect Eutrophication Restoration Targets. <i>Estuaries and Coasts</i> , 2009, 32, 29-36.	1.0	523
107	Growing season variability of nitrate along a trophic gradient — contrasting patterns between lakes and streams. <i>Aquatic Sciences</i> , 2009, 71, 25-33.	0.6	5
108	Exploring lake ecosystems: hierarchy responses to long-term change?. <i>Global Change Biology</i> , 2009, 15, 1104-1115.	4.2	50
109	Effects of N:f:P loading ratios on phytoplankton community composition, primary production and N fixation in a eutrophic lake. <i>Freshwater Biology</i> , 2009, 54, 331-344.	1.2	101
110	Stream macroinvertebrate occurrence along gradients in organic pollution and eutrophication. <i>Freshwater Biology</i> , 2010, 55, 1405-1419.	1.2	112
111	Restoring lakes by using artificial plant beds: habitat selection of zooplankton in a clear and a turbid shallow lake. <i>Freshwater Biology</i> , 2009, 54, 1520-1531.	1.2	27

#	ARTICLE	IF	CITATIONS
112	Impacts of increased sediment loads on the ecology of lakes. <i>Biological Reviews</i> , 2009, 84, 517-531.	4.7	124
113	Addressing the control problem of algae growth in water reservoirs with advanced dynamic optimization approaches. <i>Computers and Chemical Engineering</i> , 2009, 33, 2063-2074.	2.0	19
114	Stoichiometrically Explicit Food Webs: Feedbacks between Resource Supply, Elemental Constraints, and Species Diversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2009, 40, 503-528.	3.8	83
115	A model-based assessment of non-compliance of phosphorus standards for lakes in England and Wales. <i>International Journal of River Basin Management</i> , 2009, 7, 197-207.	1.5	7
116	Phosphorus balance of Lake Tiefwareensee during and after restoration by hypolimnetic treatment with aluminum and calcium salts. <i>Lake and Reservoir Management</i> , 2009, 25, 377-388.	0.4	18
117	Water quality assessment of Portuguese streams: Regional or national predictive models?. <i>Ecological Indicators</i> , 2009, 9, 791-806.	2.6	32
118	Eutrophication science: where do we go from here?. <i>Trends in Ecology and Evolution</i> , 2009, 24, 201-207.	4.2	1,558
119	Long-term modification of Arctic lake ecosystems: Reference condition, degradation under toxic impacts and recovery (case study Imandra Lakes, Russia). <i>Limnologia</i> , 2009, 39, 1-13.	0.7	28
120	Interactive effects of environmental variability and human impacts on the long-term dynamics of an Amazonian floodplain lake and a South Atlantic coastal lagoon. <i>Limnologia</i> , 2009, 39, 306-313.	0.7	30
121	Chapter 1 The Hypoxic Environment. <i>Fish Physiology</i> , 2009, , 1-23.	0.2	111
122	<i>Lake and Reservoir Management</i> . , 2009, , 295-309.		10
123	<i>Eutrophication</i> . , 2009, , 61-73.		29
125	Strategies for monitoring and managing mass populations of toxic cyanobacteria in recreational waters: a multi-interdisciplinary approach. <i>Environmental Health</i> , 2009, 8, S11.	1.7	23
126	Effects of Agricultural Drainage on Aquatic Ecosystems: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2009, 39, 909-1001.	6.6	514
127	A review of the potential impacts of climate change on surface water quality. <i>Hydrological Sciences Journal</i> , 2009, 54, 101-123.	1.2	875
128	Water Quality in Chronically Nutrient-Rich Lakes: The Example of the Shropshire-Cheshire Meres. <i>Freshwater Reviews: A Journal of the Freshwater Biological Association</i> , 2009, 2, 79-99.	1.0	9
129	The impact of human-made ecological changes on the genetic architecture of <i>Daphnia</i> species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4758-4763.	3.3	112
130	Development and application of a WASP model on a large Texas reservoir to assess eutrophication control. <i>Lake and Reservoir Management</i> , 2009, 25, 136-148.	0.4	21

#	ARTICLE	IF	CITATIONS
131	Climate Change and the Future of Freshwater Biodiversity in Europe: A Primer for Policy-Makers. <i>Freshwater Reviews: A Journal of the Freshwater Biological Association</i> , 2009, 2, 103-130.	1.0	80
132	Climate Change Effects on Runoff, Catchment Phosphorus Loading and Lake Ecological State, and Potential Adaptations. <i>Journal of Environmental Quality</i> , 2009, 38, 1930-1941.	1.0	502
134	Estimates of phosphorus entrainment in Lake Mendota: a comparison of one-dimensional and three-dimensional approaches. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 553-567.	1.0	15
135	Changes in the trophic state of Lake Niegocin based on physical, chemical, biological, and commercial fisheries data. <i>Archives of Polish Fisheries</i> , 2009, 17, .	0.6	2
136	Regime shifts between clear and turbid water in New Zealand lakes: Environmental correlates and implications for management and restoration. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 701-712.	0.8	61
137	A long-term record of epilimnetic phosphorus patterns in recovering Onondaga Lake, New York. <i>Fundamental and Applied Limnology</i> , 2010, 177, 1-18.	0.4	27
138	Rapid ecosystem recovery from diffuse pollution after the Great Irish Famine. <i>Ecological Applications</i> , 2010, 20, 1733-1743.	1.8	16
139	A century of bottom-up and top-down driven changes on a lake planktonic food web: A paleoecological and paleoisotopic study of Lake Annecy, France. <i>Limnology and Oceanography</i> , 2010, 55, 803-816.	1.6	13
140	Challenges and opportunities for integrating lake ecosystem modelling approaches. <i>Aquatic Ecology</i> , 2010, 44, 633-667.	0.7	208
141	The Response of Estuarine Macrobenthic Communities to Natural- and Human-Induced Changes: Dynamics and Ecological Quality. <i>Estuaries and Coasts</i> , 2010, 33, 1327-1339.	1.0	60
142	Spatial Status and Retention Potential of Phosphorus in Riparian Wetlands of the Southern Taihu Basin, China. <i>Wetlands</i> , 2010, 30, 149-157.	0.7	7
143	At the extreme of physical gradients: phytoplankton in highly flushed, large rivers. <i>Hydrobiologia</i> , 2010, 639, 21-36.	1.0	52
144	Long-term trends of epilimnetic and hypolimnetic bacteria and organic carbon in a deep hololimnetic lake. <i>Hydrobiologia</i> , 2010, 644, 279-287.	1.0	33
145	Larger zooplankton in Danish lakes after cold winters: are winter fish kills of importance?. <i>Hydrobiologia</i> , 2010, 646, 159-172.	1.0	42
146	Impacts of climate warming on lake fish community structure and potential effects on ecosystem function. <i>Hydrobiologia</i> , 2010, 646, 73-90.	1.0	371
147	Maximum growing depth of macrophytes in Loch Leven, Scotland, United Kingdom, in relation to historical changes in estimated phosphorus loading. <i>Hydrobiologia</i> , 2010, 646, 123-131.	1.0	35
148	Drought-induced changes in nutrient concentrations and retention in two shallow Mediterranean lakes subjected to different degrees of management. <i>Hydrobiologia</i> , 2010, 646, 61-72.	1.0	71
149	The European Water Framework Directive at the age of 10: A critical review of the achievements with recommendations for the future. <i>Science of the Total Environment</i> , 2010, 408, 4007-4019.	3.9	756

#	ARTICLE	IF	CITATIONS
150	Contrasting effects of managed opening regimes on water quality in two intermittently closed and open coastal lakes. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 86, 587-597.	0.9	101
151	Predicting future effects from nutrient abatement and climate change on phosphorus concentrations in Lake Bourget, France. <i>Ecological Modelling</i> , 2010, 221, 1440-1450.	1.2	10
152	Effect of intensive catchment and in-lake restoration procedures on phosphorus concentrations in a eutrophic lake. <i>Ecological Engineering</i> , 2010, 36, 396-405.	1.6	46
153	Changes in physicochemical and biological factors during regime shifts in a restoration demonstration of macrophytes in a small hypereutrophic Chinese lake. <i>Ecological Engineering</i> , 2010, 36, 1611-1619.	1.6	26
154	An ecological floating-bed made from dredged lake sludge for purification of eutrophic water. <i>Ecological Engineering</i> , 2010, 36, 1448-1458.	1.6	69
155	Submerged Macrophyte Responses to Reduced Phosphorus Concentrations in Two Peri-Urban Lakes. <i>Restoration Ecology</i> , 2010, 18, 452-461.	1.4	45
156	Rapid changes in fish community structure and habitat distribution following the precipitation of lake phosphorus with aluminium. <i>Freshwater Biology</i> , 2010, 55, 1036-1049.	1.2	13
157	Long-term phytoplankton community changes in a deep subalpine lake: responses to nutrient availability and climatic fluctuations. <i>Freshwater Biology</i> , 2010, 55, 825-846.	1.2	114
158	Microscale structure in the chemistry and biology of a shallow lake. <i>Freshwater Biology</i> , 2010, 55, 1145-1163.	1.2	13
159	Cladoceran community responses to biomanipulation and euligotrophication in Lake Vesijärvi, Finland, as inferred from remains in annually laminated sediment. <i>Freshwater Biology</i> , 2010, 55, 1164-1181.	1.2	18
160	Phosphorus and nitrogen in a monomictic freshwater lake: employing cyanobacterial bioreporters to gain new insights into nutrient bioavailability. <i>Freshwater Biology</i> , 2010, 55, 1182-1190.	1.2	23
161	The development and persistence of alternative ecosystem states in a large, shallow lake. <i>Freshwater Biology</i> , 2010, 55, 1249-1261.	1.2	19
162	Multiple stressors on water availability at global to catchment scales: understanding human impact on nutrient cycles to protect water quality and water availability in the long term. <i>Freshwater Biology</i> , 2010, 55, 241-257.	1.2	145
163	Climate change, nutrient pollution and the bargain of Dr Faustus. <i>Freshwater Biology</i> , 2010, 55, 175-187.	1.2	89
164	Influence of sediment organic enrichment and water alkalinity on growth of aquatic isoetid and elodeid plants. <i>Freshwater Biology</i> , 2010, 55, 1891-1904.	1.2	49
165	Pressure-response relationships in stream ecology: introduction and synthesis. <i>Freshwater Biology</i> , 2010, 55, 1367-1381.	1.2	46
166	Oligotrophication outweighs effects of global warming in a large, deep, stratified lake ecosystem. <i>Global Change Biology</i> , 2010, 16, 877-888.	4.2	57
167	Submerged macrophytes as indicators of the ecological quality of lakes. <i>Freshwater Biology</i> , 2010, 55, 893-908.	1.2	202

#	ARTICLE	IF	CITATIONS
169	Drivers of ciliate and phytoplankton community structure across a range of water bodies in southern New Zealand. <i>Journal of Plankton Research</i> , 2010, 32, 327-339.	0.8	18
170	Changing water, phosphorus and nitrogen budgets for Valle de Bravo reservoir, water supply for Mexico City Metropolitan Area. <i>Lake and Reservoir Management</i> , 2010, 26, 23-34.	0.4	29
171	A combined watershedâ€“water quality modeling analysis of the Lake Waco reservoir: II. Watershed and reservoir management options and outcomes. <i>Lake and Reservoir Management</i> , 2010, 26, 159-167.	0.4	11
172	The annual cycles of phytoplankton biomass. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3215-3226.	1.8	232
173	Top-down and bottom-up regulation of planktonic communities in a warm temperate wetland. <i>Journal of Plankton Research</i> , 2010, 32, 209-220.	0.8	45
174	Cool winters versus mild winters: effects on spring plankton in Lake Peipsi. <i>Estonian Journal of Ecology</i> , 2010, 59, 163.	0.5	12
175	Spatial and temporal patterns of nearshore clarity in Lake Tahoe from fine resolution turbidity measurements. <i>Lake and Reservoir Management</i> , 2010, 26, 178-184.	0.4	3
177	Evaluating the influence of lake morphology, trophic status and diagenesis on geochemical profiles in lake sediments. <i>Applied Geochemistry</i> , 2010, 25, 621-632.	1.4	23
178	Nutrient availability correlates with bicarbonate accumulation in marine and freshwater sediments â€“ Empirical evidence from pore water analyses. <i>Applied Geochemistry</i> , 2010, 25, 1825-1829.	1.4	10
179	Variation in vegetation and seed banks of freshwater lakes with contrasting intensity of aquaculture along the Yangtze River, China. <i>Aquatic Botany</i> , 2010, 92, 195-199.	0.8	22
180	Eutrophication and Restoration of Shallow Lakes from a Cold Temperate to a Warm Mediterranean and a (Sub)Tropical Climate. , 2010, , 91-108.		19
181	Long-Term Ecological Research. , 2010, , .		41
182	Eutrophication and Climate Change: Present Situation and Future Scenarios. , 2010, , 1-16.		21
185	Contemporary trends of temperature, nutrient loading, and water quality in large Lakes Peipsi and VÄurtsjärv, Estonia. <i>Aquatic Ecosystem Health and Management</i> , 2010, 13, 143-153.	0.3	29
186	The importance of nitrogen limitation in the restoration of Llangorse Lake, Wales, UK. <i>Journal of Environmental Monitoring</i> , 2010, 12, 338-346.	2.1	15
187	Water Quality Trends in Shallow South Florida Lakes and Assessment of Regional Versus Local Forcing Functions. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 576-607.	6.6	11
188	From Natural to Degraded Rivers and Back Again. <i>Advances in Ecological Research</i> , 2011, 44, 119-209.	1.4	207
189	Modelling the response of a highly eutrophic lake to reductions in external and internal nutrient loading. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2011, 45, 165-185.	0.8	35

#	ARTICLE	IF	CITATIONS
190	Sediment and nutrient management solutions to improve the water quality of Lake Okeechobee. <i>Lake and Reservoir Management</i> , 2011, 27, 28-40.	0.4	30
191	Submerged aquatic vegetation in Cook's Bay, Lake Simcoe: Assessment of changes in response to increased water transparency. <i>Journal of Great Lakes Research</i> , 2011, 37, 72-82.	0.8	35
192	Our current understanding of lake ecosystem response to climate change: What have we really learned from the north temperate deep lakes?. <i>Journal of Great Lakes Research</i> , 2011, 37, 173-193.	0.8	129
193	An analysis of long-term phytoplankton dynamics in Muskegon Lake, a Great Lakes Area of Concern. <i>Journal of Great Lakes Research</i> , 2011, 37, 335-342.	0.8	19
194	Predicting the response of Hamilton Harbour to the nutrient loading reductions: A modeling analysis of the "ecological unknowns". <i>Journal of Great Lakes Research</i> , 2011, 37, 494-506.	0.8	39
195	Disproportionate importance of nearshore habitat for the food web of a deep oligotrophic lake. <i>Marine and Freshwater Research</i> , 2011, 62, 350.	0.7	48
196	Nitrogen processes in aquatic ecosystems. , 2011, , 126-146.		46
197	Land-Use Legacies Are Important Determinants of Lake Eutrophication in the Anthropocene. <i>PLoS ONE</i> , 2011, 6, e15913.	1.1	46
198	Keys to Appropriate NPDES Permitting of Low Effluent Nutrient Discharges. <i>Proceedings of the Water Environment Federation</i> , 2011, 2011, 2585-2604.	0.0	0
199	Anthropogenic eutrophication shapes the past and present taxonomic composition of hybridizing <i>Daphnia</i> in unproductive lakes. <i>Limnology and Oceanography</i> , 2011, 56, 292-302.	1.6	31
200	Predicting the depth and volume of lakes from map-derived parameters. <i>Inland Waters</i> , 2011, 1, 177-184.	1.1	57
201	Influence of quantity and lability of sediment organic matter on the biomass of two isoetids, <i>Littorella uniflora</i> and <i>Echinodorus repens</i> . <i>Freshwater Biology</i> , 2011, 56, 939-951.	1.2	28
202	Nutrient Sources and Transport in the Missouri River Basin, with Emphasis on the Effects of Irrigation and Reservoirs ¹ . <i>Journal of the American Water Resources Association</i> , 2011, 47, 1034-1060.	1.0	49
203	Mesoscale survey of western and northwestern Irish lakes " Spatial and aestival patterns in trophic status and phytoplankton community structure. <i>Journal of Environmental Management</i> , 2011, 92, 2844-2854.	3.8	7
204	Changes in the nutrient ratios and phytoplankton community after declines in nutrient concentrations in a semi-enclosed bay in Hong Kong. <i>Marine Environmental Research</i> , 2011, 71, 178-188.	1.1	35
205	An environmental assessment of a small shallow lake (Little Black Lake, MI) threatened by urbanization. <i>Environmental Monitoring and Assessment</i> , 2011, 173, 193-209.	1.3	5
206	Does sediment capping have post-application effects on zooplankton and phytoplankton?. <i>Hydrobiologia</i> , 2011, 661, 55-64.	1.0	17
207	Hypolimnetic phosphorus and nitrogen dynamics in a small, eutrophic lake with a seasonally anoxic hypolimnion. <i>Hydrobiologia</i> , 2011, 661, 5-20.	1.0	36

#	ARTICLE	IF	CITATIONS
208	Composition, size, and biomass of zooplankton in large productive Florida lakes. <i>Hydrobiologia</i> , 2011, 668, 49-60.	1.0	56
209	Interactions between nutrient availability and climatic fluctuations as determinants of the long-term phytoplankton community changes in Lake Garda, Northern Italy. <i>Hydrobiologia</i> , 2011, 660, 59-68.	1.0	28
210	Climate change effects on nitrogen loading from cultivated catchments in Europe: implications for nitrogen retention, ecological state of lakes and adaptation. <i>Hydrobiologia</i> , 2011, 663, 1-21.	1.0	242
211	Preface: Lake restoration: an experimental ecosystem approach for eutrophication control. <i>Hydrobiologia</i> , 2011, 661, 1-3.	1.0	14
212	Seasonal and spatial variability of sediment bacterial communities inhabiting the large shallow Lake Balaton. <i>Hydrobiologia</i> , 2011, 663, 217-232.	1.0	26
213	A palaeolimnological meta-database for assessing the ecological status of lakes. <i>Journal of Paleolimnology</i> , 2011, 45, 405-414.	0.8	74
214	High-frequency monitoring of phytoplankton dynamics within the European water framework directive: application to metalimnetic cyanobacteria. <i>Biogeochemistry</i> , 2011, 106, 229-242.	1.7	26
215	Denitrification Potential in Lake Sediment Increases Across a Gradient of Catchment Agriculture. <i>Ecosystems</i> , 2011, 14, 341-352.	1.6	62
216	Rapid Ecological Shift Following Piscivorous Fish Introduction to Increasingly Eutrophic and Warmer Lake Furnas (Azores Archipelago, Portugal): A Paleoecological Approach. <i>Ecosystems</i> , 2011, 14, 458-477.	1.6	29
217	Influence of global change on phytoplankton and nutrient cycling in the Elbe River. <i>Regional Environmental Change</i> , 2011, 11, 405-421.	1.4	31
218	Dilemma of Non-“Steady State in Lakes “ Development and Predictability of In-“Lake P Concentration in Dimictic Lake ScharmÄ¼telsee (Germany) after Abrupt Load Reduction. <i>International Review of Hydrobiology</i> , 2011, 96, 599-621.	0.5	17
219	Water sustainability: A systems engineering approach to restoration of eutrophic Lakes. <i>Computers and Chemical Engineering</i> , 2011, 35, 1598-1613.	2.0	18
220	Ecological restoration on former agricultural soils: Feasibility of in situ phosphate fixation as an alternative to top soil removal. <i>Ecological Engineering</i> , 2011, 37, 1620-1629.	1.6	22
221	Integration of numerical modeling and Bayesian analysis for setting water quality criteria in Hamilton Harbour, Ontario, Canada. <i>Environmental Modelling and Software</i> , 2011, 26, 337-353.	1.9	53
222	Predicting the effects of climate change on trophic status of three morphologically varying lakes: Implications for lake restoration and management. <i>Environmental Modelling and Software</i> , 2011, 26, 354-370.	1.9	155
223	Nitrogen and phosphorus in Estonian rivers discharging into Lake Peipsi: estimation of loads and seasonal and spatial distribution of concentrations. <i>Estonian Journal of Ecology</i> , 2011, 60, 18.	0.5	17
224	Variations in the aluminum:phosphorus binding ratio and alum dosage considerations for Half Moon Lake, Wisconsin. <i>Lake and Reservoir Management</i> , 2011, 27, 128-137.	0.4	26
225	Response to Comment: Nitrogen fixation has not offset declines in the Lake 227 nitrogen pool and shows that nitrogen control deserves consideration in aquatic ecosystems. <i>Limnology and Oceanography</i> , 2011, 56, 1548-1550.	1.6	18

#	ARTICLE	IF	CITATIONS
226	Comment: Lake 227 shows clearly that controlling inputs of nitrogen will not reduce or prevent eutrophication of lakes. <i>Limnology and Oceanography</i> , 2011, 56, 1545-1547.	1.6	52
227	Phytoplankton of turloughs (seasonal karstic Irish lakes). <i>Journal of Plankton Research</i> , 2011, 33, 385-403.	0.8	4
228	Phytoplankton responses to human impacts at different scales. , 2012, , .		2
229	Watershed land use effects on lake water quality in Denmark. <i>Ecological Applications</i> , 2012, 22, 1187-1200.	1.8	136
230	The dilemma of controlling cultural eutrophication of lakes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4322-4333.	1.2	475
231	CaractÃ©risation de la charge interne de phosphore du lac Nairne, Charlevoix (QuÃ©bec). <i>Revue Des Sciences De L'Eau</i> , 0, 25, 77-93.	0.2	3
232	Influence of food web structure on the biodegradability of lake sediment. <i>Freshwater Biology</i> , 2012, 57, 2390-2400.	1.2	6
233	Effects of temperature and food supply on the growth of whitefish <i>Coregonus lavaretus</i> larvae in an oligotrophic peri-Alpine lake. <i>Journal of Fish Biology</i> , 2012, 81, 1501-1513.	0.7	8
234	Combining limnological and palaeolimnological data to disentangle the effects of nutrient pollution and climate change on lake ecosystems: problems and potential. <i>Freshwater Biology</i> , 2012, 57, 2091-2106.	1.2	80
235	Bio-manipulation as a Restoration Tool to Combat Eutrophication. <i>Advances in Ecological Research</i> , 2012, 47, 411-488.	1.4	211
236	Oligotrophication from wetland epuration alters the riverine trophic network and carrying capacity for fish. <i>Aquatic Sciences</i> , 2012, 74, 495-511.	0.6	36
237	Catchment land use and trophic state impacts on phytoplankton composition: a case study from the Rotorua lakes district, New Zealand. <i>Hydrobiologia</i> , 2012, 698, 133-146.	1.0	32
238	Urban planning provides potential for lake restoration through catchment re-vegetation. <i>Urban Forestry and Urban Greening</i> , 2012, 11, 95-99.	2.3	7
239	Calcium nitrate addition to control the internal load of phosphorus from sediments of a tropical eutrophic reservoir: Microcosm experiments. <i>Water Research</i> , 2012, 46, 6463-6475.	5.3	82
240	Pool of mobile and immobile phosphorus in sediments of the large, shallow Lake Peipsi over the last 100 years. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6749-6763.	1.3	9
241	Selective suppression of harmful cyanobacteria in an entire lake with hydrogen peroxide. <i>Water Research</i> , 2012, 46, 1460-1472.	5.3	252
242	Temperature modulated effects of nutrients on phytoplankton changes in a mountain lake. <i>Hydrobiologia</i> , 2012, 698, 61-75.	1.0	40
243	Application of a eutrophication model for assessing water quality in Lake Winnipeg. <i>Journal of Great Lakes Research</i> , 2012, 38, 158-173.	0.8	41

#	ARTICLE	IF	CITATIONS
244	Seasonal zooplankton dynamics in Lake Michigan: Disentangling impacts of resource limitation, ecosystem engineering, and predation during a critical ecosystem transition. <i>Journal of Great Lakes Research</i> , 2012, 38, 336-352.	0.8	95
245	Convergence of trophic state and the lower food web in Lakes Huron, Michigan and Superior. <i>Journal of Great Lakes Research</i> , 2012, 38, 368-380.	0.8	121
246	Using sediment seed banks and historical vegetation change data to develop restoration criteria for a eutrophic lake in China. <i>Ecological Engineering</i> , 2012, 39, 95-103.	1.6	47
247	Benthicâ€“planktonic coupling, regime shifts, and whole-lake primary production in shallow lakes. <i>Ecology</i> , 2012, 93, 619-631.	1.5	86
248	Do macrophytes support harmful cyanobacteria? Interactions with a green alga reverse the inhibiting effects of macrophyte allelochemicals on <i>Microcystis aeruginosa</i> . <i>Harmful Algae</i> , 2012, 19, 76-84.	2.2	61
249	Phytoplankton composition in Dutch coastal waters responds to changes in riverine nutrient loads. <i>Journal of Sea Research</i> , 2012, 73, 49-62.	0.6	31
250	Light and Primary Production in Lakes. <i>Encyclopedia of Earth Sciences Series</i> , 2012, , 485-492.	0.1	2
251	Ladoga Lake and Onego Lake (Lakes Ladozhskoye and Onezhskoye). <i>Encyclopedia of Earth Sciences Series</i> , 2012, , 429-432.	0.1	7
252	Pathways between Primary Production and Fisheries Yields of Large Marine Ecosystems. <i>PLoS ONE</i> , 2012, 7, e28945.	1.1	187
253	Managing Artificially Drained Low-Gradient Agricultural Headwaters for Enhanced Ecosystem Functions. <i>Biology</i> , 2012, 1, 794-856.	1.3	35
254	Impact of Global and Local Pressures on the Ecology of a Medium-Sized Pre-Alpine Lake. <i>Developments in Environmental Modelling</i> , 2012, 25, 259-274.	0.3	3
255	Increase in Anoxia in Lake Victoria and Its Effects on the Fishery. , 2012, , .		13
256	Ecological effects of multiple stressors on a deep lake (Lago Maggiore, Italy) integrating neo and palaeolimnological approaches. <i>Journal of Limnology</i> , 2012, 71, 1.	0.3	43
257	Strength of phytoplanktonâ€“nutrient relationship: evidence from 13 biomanipulated ponds. <i>Hydrobiologia</i> , 2012, 689, 147-159.	1.0	29
258	Grasping the heterogeneity of kettle hole water quality in Northeast Germany. <i>Hydrobiologia</i> , 2012, 689, 63-77.	1.0	50
259	Impacts of climate warming on the long-term dynamics of key fish species in 24 European lakes. <i>Hydrobiologia</i> , 2012, 694, 1-39.	1.0	226
260	Contribution of sediment focussing to heterogeneity of organic carbon and phosphorus burial in small lakes. <i>Freshwater Biology</i> , 2012, 57, 290-304.	1.2	39
261	Why is achieving good ecological outcomes in rivers so difficult?. <i>Freshwater Biology</i> , 2012, 57, 91-107.	1.2	91

#	ARTICLE	IF	CITATIONS
262	Biogeochemical time lags may delay responses of streams to ecological restoration. <i>Freshwater Biology</i> , 2012, 57, 43-57.	1.2	174
263	Insights from long-term studies in the Windermere catchment: external stressors, internal interactions and the structure and function of lake ecosystems. <i>Freshwater Biology</i> , 2012, 57, 233-243.	1.2	42
264	Use of ciliate and phytoplankton taxonomic composition for the estimation of eicosapentaenoic acid concentration in lakes. <i>Freshwater Biology</i> , 2012, 57, 1385-1398.	1.2	7
265	Eutrophication, recovery and temperature in Lake MjÄsa: detecting trends with monitoring data and sediment records. <i>Freshwater Biology</i> , 2012, 57, 1998-2014.	1.2	42
266	Using palaeolimnological and limnological data to reconstruct the recent history of European lake ecosystems: introduction. <i>Freshwater Biology</i> , 2012, 57, 1979-1985.	1.2	20
267	Effects of reoligotrophication and climate warming on plankton richness and community stability in a deep mesotrophic lake. <i>Oikos</i> , 2012, 121, 1317-1327.	1.2	72
268	Oligotrophication of a large, deep lake alters food quantity and quality constraints at the primary producerâconsumer interface. <i>Oikos</i> , 2012, 121, 1702-1712.	1.2	43
269	Sediment amendment with Phoslock® in Clatto Reservoir (Dundee, UK): Investigating changes in sediment elemental composition and phosphorus fractionation. <i>Journal of Environmental Management</i> , 2012, 93, 185-193.	3.8	151
270	Application of the WFD cost proportionality principle to diffuse pollution mitigation: A case study for Scottish Lochs. <i>Journal of Environmental Management</i> , 2012, 97, 28-37.	3.8	34
271	Can artificial plant beds be used to enhance macroinvertebrate food resources for perch (<i>Perca</i>)? <i>Journal of Environmental Management</i> , 2012, 97, 175-186.	1.0	12
272	Long-term variation and regulation of internal phosphorus loading in Loch Leven. <i>Hydrobiologia</i> , 2012, 681, 23-33.	1.0	81
273	Historical changes (1905â2005) in external phosphorus loads to Loch Leven, Scotland, UK. <i>Hydrobiologia</i> , 2012, 681, 11-21.	1.0	45
274	Water quality of Loch Leven: responses to enrichment, restoration and climate change. <i>Hydrobiologia</i> , 2012, 681, 35-47.	1.0	56
275	Seasonal, interannual and long term variation in top-down versus bottom-up regulation of primary production. <i>Oikos</i> , 2013, 122, 223-234.	1.2	19
276	The role of palaeolimnology in assessing eutrophication and its impact on lakes. <i>Journal of Paleolimnology</i> , 2013, 49, 391-410.	0.8	61
277	A field facility to simulate climate warming and increased nutrient supply in shallow aquatic ecosystems. <i>Oecologia</i> , 2013, 173, 1169-1178.	0.9	9
278	Restoration of a subtropical eutrophic shallow lake in China: effects on nutrient concentrations and biological communities. <i>Hydrobiologia</i> , 2013, 718, 59-71.	1.0	40
279	Physiological and molecular analysis of carbon source supplementation and pH stress-induced lipid accumulation in the marine diatom <i>Phaeodactylum tricornutum</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 3625-3642.	1.7	111

#	ARTICLE	IF	CITATIONS
280	Chara can outcompete Myriophyllum under low phosphorus supply. <i>Aquatic Sciences</i> , 2013, 75, 457-467.	0.6	36
281	Changes in phytoplankton biomass due to diversion of an inflow into the Urayama Reservoir. <i>Ecological Engineering</i> , 2013, 58, 180-191.	1.6	24
282	Variation in chlorophyll a to total phosphorus ratio across 94 UK and Irish lakes: Implications for lake management. <i>Journal of Environmental Management</i> , 2013, 115, 287-294.	3.8	35
283	Seventy years of changes in the abundance of Danish charophytes. <i>Freshwater Biology</i> , 2013, 58, 1682-1693.	1.2	46
284	Assessment and recovery of European water bodies: key messages from the WISER project. <i>Hydrobiologia</i> , 2013, 704, 1-9.	1.0	59
285	Cleaner Lakes Are Dirtier Lakes. <i>Science</i> , 2013, 342, 205-206.	6.0	49
286	Human Influences on Nitrogen Removal in Lakes. <i>Science</i> , 2013, 342, 247-250.	6.0	280
288	Phytoplankton community and succession in a newly man-made shallow lake, Shanghai, China. <i>Aquatic Ecology</i> , 2013, 47, 137-147.	0.7	6
289	Persistent internal phosphorus loading during summer in shallow eutrophic lakes. <i>Hydrobiologia</i> , 2013, 710, 95-107.	1.0	219
290	Assessing the mode of action of Phoslock® in the control of phosphorus release from the bed sediments in a shallow lake (Loch Flemington, UK). <i>Water Research</i> , 2013, 47, 4460-4473.	5.3	128
291	Clear, crashing, turbid and back â€“ long-term changes in macrophyte assemblages in a shallow lake. <i>Freshwater Biology</i> , 2013, 58, 2027-2036.	1.2	62
292	The status of the southernmost part (Lake Pihkva) of large Lake Peipsi: A purification pond or polluter?. <i>Aquatic Ecosystem Health and Management</i> , 2013, 16, 198-204.	0.3	1
293	Restoring macrophyte diversity in shallow temperate lakes: biotic versus abiotic constraints. <i>Hydrobiologia</i> , 2013, 710, 23-37.	1.0	145
294	Lake restoration by biomanipulation using piscivore and Daphnia stocking; results of the biomanipulation in Japan. <i>Limnology</i> , 2013, 14, 19-30.	0.8	33
295	Cyanobacteria can allelopathically inhibit submerged macrophytes: Effects of <i>Microcystis aeruginosa</i> extracts and exudates on <i>Potamogeton malaianus</i> . <i>Aquatic Botany</i> , 2013, 109, 1-7.	0.8	54
296	Compensatory dynamics and the stability of phytoplankton biomass during four decades of eutrophication and oligotrophication. <i>Ecology Letters</i> , 2013, 16, 81-89.	3.0	100
297	Nutrient inputs versus piscivore biomass as the primary driver of reservoir food webs. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 367-380.	0.7	9
298	Nitrogen, macrophytes, shallow lakes and nutrient limitation: resolution of a current controversy?. <i>Hydrobiologia</i> , 2013, 710, 3-21.	1.0	156

#	ARTICLE	IF	CITATIONS
299	A comparative review of recovery processes in rivers, lakes, estuarine and coastal waters. <i>Hydrobiologia</i> , 2013, 704, 453-474.	1.0	128
300	The use of long-term monitoring data for studies of planktonic diversity: a cautionary tale from two Swiss lakes. <i>Freshwater Biology</i> , 2013, 58, 1292-1301.	1.2	31
301	Re-oligotrophication as a challenge for tropical reservoir management with reference to Itaparica Reservoir, São Francisco, Brazil. <i>Water Science and Technology</i> , 2013, 67, 708-714.	1.2	9
303	Spatio-temporal variability of surface sediment phosphorus fractions and water phosphorus concentration in Lake Peipsi (Estonia/Russia). <i>Estonian Journal of Earth Sciences</i> , 2013, 62, 171.	0.4	9
304	Molecular fingerprinting of lacustrine cyanobacterial communities: regional patterns in summer diversity. <i>FEMS Microbiology Ecology</i> , 2013, 86, 444-457.	1.3	9
305	Interactive effects of pH, temperature and light during ammonia toxicity events in <i>Elodea canadensis</i> . <i>Chemistry and Ecology</i> , 2013, 29, 448-458.	0.6	22
307	LIMNOLOGY AND THE PERFECT STORM. <i>Limnology and Oceanography Bulletin</i> , 2013, 22, 70-70.	0.2	1
308	Recovery of Lake Varese: reducing trophic status through internal P load capping. <i>Fundamental and Applied Limnology</i> , 2013, 183, 49-61.	0.4	10
309	Effects of oligotrophication on primary production in peri-alpine lakes. <i>Water Resources Research</i> , 2013, 49, 4700-4710.	1.7	26
310	Phosphorus Legacy: Overcoming the Effects of Past Management Practices to Mitigate Future Water Quality Impairment. <i>Journal of Environmental Quality</i> , 2013, 42, 1308-1326.	1.0	706
311	Drivers of long-term trends and seasonal changes in total phosphorus loads to a mesotrophic lake in the west of Ireland. <i>Marine and Freshwater Research</i> , 2013, 64, 413.	0.7	5
312	Internal nutrient loading may increase microcystin concentrations in freshwater lakes by promoting growth of <i>Microcystis</i> populations. <i>Annales De Limnologie</i> , 2013, 49, 225-235.	0.6	19
313	ECO: A Generic Eutrophication Model Including Comprehensive Sediment-Water Interaction. <i>PLoS ONE</i> , 2013, 8, e68104.	1.1	28
314	Invasive Crayfish Threaten the Development of Submerged Macrophytes in Lake Restoration. <i>PLoS ONE</i> , 2013, 8, e78579.	1.1	37
315	LONG-TERM PERSPECTIVES ON LAKE SCIENCE AND MANAGEMENT. <i>Limnology and Oceanography Bulletin</i> , 2013, 22, 74-75.	0.2	0
316	Temperature and Photoperiod Interactions with Phosphorus-Limited Growth and Competition of Two Diatoms. <i>PLoS ONE</i> , 2014, 9, e102367.	1.1	15
317	Weather conditions influencing phosphorus concentration in the growing period in the large shallow Lake Peipsi (Estonia/Russia). <i>Journal of Limnology</i> , 2014, 73, .	0.3	8
318	Seventy five years of limnology at the Istituto Italiano di Idrobiologia in Pallanza. <i>Journal of Limnology</i> , 2014, 73, .	0.3	3

#	ARTICLE	IF	CITATIONS
320	Why evolutionary biologists should get seriously involved in ecological monitoring and applied biodiversity assessment programs. <i>Evolutionary Applications</i> , 2014, 7, 968-983.	1.5	45
321	Food quality dominates the impact of food quantity on <i>Daphnia</i> life history: possible implications for re-oligotrophication. <i>Inland Waters</i> , 2014, 4, 363-368.	1.1	12
322	Strong effects of occasional drying on subsequent water clarity and cyanobacterial blooms in cool tropical reservoirs. <i>Freshwater Biology</i> , 2014, 59, 870-884.	1.2	18
323	Progress towards the implementation of the European Water Framework Directive (2000â€“2012). <i>Aquatic Ecosystem Health and Management</i> , 2014, 17, 424-436.	0.3	8
324	Interannual variations in atmospheric forcing determine trajectories of hypolimnetic soluble reactive phosphorus supply in a eutrophic lake. <i>Freshwater Biology</i> , 2014, 59, 1646-1658.	1.2	9
325	Impacts and indicators of change in lotic ecosystems. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 513-531.	2.8	92
326	Changes in the Saginaw Bay, Lake Huron, fish community from 1970â€“2011. <i>Journal of Great Lakes Research</i> , 2014, 40, 922-933.	0.8	12
327	Forests fuel fish growth in freshwater deltas. <i>Nature Communications</i> , 2014, 5, 4077.	5.8	98
328	Extending one-dimensional models for deep lakes to simulate the impact of submerged macrophytes on water quality. <i>Environmental Modelling and Software</i> , 2014, 61, 410-423.	1.9	45
329	Increasing algal biomass in Lake VÃnern despite decreasing phosphorus concentrations: A lake-specific phenomenon?. <i>Aquatic Ecosystem Health and Management</i> , 2014, 17, 341-348.	0.3	13
330	Depthâ€“specific responses of a chironomid assemblage to contrasting anthropogenic pressures: a palaeolimnological perspective from the last 150Ãyears. <i>Freshwater Biology</i> , 2014, 59, 26-40.	1.2	13
331	Investigation of nutrient thresholds to guide restoration and management of two impounded rivers in south-western Australia. <i>Ecological Engineering</i> , 2014, 68, 116-123.	1.6	18
332	Ecological integrity of deep lakes in New Zealand across anthropogenic pressure gradients. <i>Ecological Indicators</i> , 2014, 37, 45-57.	2.6	16
333	A novel model for cyanobacteria bloom formation: the critical role of anoxia and ferrous iron. <i>Freshwater Biology</i> , 2014, 59, 1323-1340.	1.2	129
334	Organic and inorganic nitrogen utilization by nitrogen-stressed cyanobacteria during bloom conditions. <i>Journal of Applied Phycology</i> , 2014, 26, 299-309.	1.5	100
335	The effect of chronic exposure to phosphorus-inactivation agents on freshwater biota. <i>Hydrobiologia</i> , 2014, 728, 51-65.	1.0	10
336	<i>Cylindrospermopsis raciborskii</i> dominates under very low and high nitrogen-to-phosphorus ratios. <i>Water Research</i> , 2014, 49, 207-214.	5.3	72
338	Relative importance of phosphorus, fish biomass, and watershed land use as drivers of phytoplankton abundance in shallow lakes. <i>Science of the Total Environment</i> , 2014, 466-467, 849-855.	3.9	18

#	ARTICLE	IF	CITATIONS
339	Assessing the responses of aquatic macrophytes to the application of a lanthanum modified bentonite clay, at Loch Flemington, Scotland, UK. <i>Hydrobiologia</i> , 2014, 737, 309-320.	1.0	18
340	Cyanobacterial bloom termination: the disappearance of <i>Planktothrix rubescens</i> from Lake Bourget (France) after restoration. <i>Freshwater Biology</i> , 2014, 59, 2472-2487.	1.2	38
341	Restoration of eutrophic freshwater by managing internal nutrient loads. A review. <i>Science of the Total Environment</i> , 2014, 496, 551-562.	3.9	271
342	The response of the rotifer community in Loch Leven, UK, to changes associated with a 60% reduction in phosphorus inputs from the catchment. <i>International Review of Hydrobiology</i> , 2014, 99, 65-71.	0.5	9
343	Accelerated Water Quality Improvement during Oligotrophication in Peri-Alpine Lakes. <i>Environmental Science & Technology</i> , 2014, 48, 6671-6677.	4.6	22
344	The need for ecological monitoring of freshwaters in a changing world: a case study of Lakes Annecy, Bourget, and Geneva. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3455-3476.	1.3	33
345	Phosphorus-iron interaction in sediments: can an electrode minimize phosphorus release from sediments?. <i>Reviews in Environmental Science and Biotechnology</i> , 2014, 13, 265-275.	3.9	25
346	Operational Evaluation of Phoslock Phosphorus Locking Technology in Laguna Niguel Lake, California. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	44
347	Multi-decade Responses of a Tidal Creek System to Nutrient Load Reductions: Mattawoman Creek, Maryland USA. <i>Estuaries and Coasts</i> , 2014, 37, 111-127.	1.0	35
348	Elevated nitrate enriches microbial functional genes for potential bioremediation of complexly contaminated sediments. <i>ISME Journal</i> , 2014, 8, 1932-1944.	4.4	164
349	Aggregated indices for trends in eutrophication of different types of fresh water in the Netherlands. <i>Ecological Indicators</i> , 2014, 36, 456-462.	2.6	25
350	Community stoichiometry in a changing world: combined effects of warming and eutrophication on phytoplankton dynamics. <i>Ecology</i> , 2014, 95, 1485-1495.	1.5	99
351	Experimental additions of aluminum sulfate and ammonium nitrate to <i>in situ</i> mesocosms to reduce cyanobacterial biovolume and microcystin concentration. <i>Lake and Reservoir Management</i> , 2014, 30, 84-93.	0.4	6
352	Exogenous phosphorus inputs alter complexity of soil-dissolved organic carbon in agricultural riparian wetlands. <i>Chemosphere</i> , 2014, 95, 572-580.	4.2	22
353	Simplicity is the ultimate sophistication: Building capacity to meet the challenges of the Water Framework Directive. <i>Ecological Indicators</i> , 2014, 36, 519-523.	2.6	8
354	Thirty years of reoligotrophication do not contribute to restore self-sustaining fisheries of Arctic charr, <i>Salvelinus alpinus</i> , in Lake Geneva. <i>Fisheries Research</i> , 2014, 154, 165-171.	0.9	13
355	The interaction between climate warming and eutrophication to promote cyanobacteria is dependent on trophic state and varies among taxa. <i>Limnology and Oceanography</i> , 2014, 59, 99-114.	1.6	333
356	Enhanced algal abundance in northwest Ontario (Canada) lakes during the warmer early-to mid-Holocene period. <i>Quaternary Science Reviews</i> , 2015, 123, 168-179.	1.4	9

#	ARTICLE	IF	CITATIONS
359	Food-web stability signals critical transitions in temperate shallow lakes. <i>Nature Communications</i> , 2015, 6, 7727.	5.8	86
360	Detection of food limitation in health of white sucker (<i>Catostomus commersoni</i>) 5 years after the closure of a bleached kraft pulp mill. <i>Water Quality Research Journal of Canada</i> , 2015, 50, 152-166.	1.2	8
361	Long-term ecological studies on phytoplankton in Mediterranean reservoirs: a case study from Sardinia (Italy). <i>Inland Waters</i> , 2015, 5, 339-354.	1.1	11
362	Wave forces limit the establishment of submerged macrophytes in large shallow lakes. <i>Limnology and Oceanography</i> , 2015, 60, 1536-1549.	1.6	25
363	Trophic state responses of Onondaga Lake, New York to reductions in phosphorus loading from advanced wastewater treatment. <i>Inland Waters</i> , 2015, 5, 125-138.	1.1	8
364	Persistence of legacy soil P and elevated background water P concentrations in <i>W</i> ater <i>C</i> onservation <i>A</i> rea 2A, a northern <i>E</i> verglades wetland. <i>Water Resources Research</i> , 2015, 51, 9746-9762.	1.7	7
365	Responses of phytoplankton functional groups to simulated winter warming. <i>Annales De Limnologie</i> , 2015, 51, 199-210.	0.6	6
366	Long-Term Trends in Water Quality in a New England Hydroelectric Impoundment. <i>Northeastern Naturalist</i> , 2015, 22, 273-286.	0.1	3
367	The importance of year-to-year variation in meteorological and runoff forcing for water quality of a temperate, dimictic lake. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2649-2662.	1.9	9
368	High-resolution paleolimnology opens new management perspectives for lakes adaptation to climate warming. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	45
369	Assessing degradation and recovery pathways in lakes impacted by eutrophication using the sediment record. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	44
370	Importance of diffusion and resuspension for phosphorus cycling during the growing season in large, shallow Lake Peipsi. <i>Hydrobiologia</i> , 2015, 760, 133-144.	1.0	30
371	Assessment of the Onondaga Lake, New York, fish community following reductions of nutrient inputs from a wastewater treatment plant. <i>Lake and Reservoir Management</i> , 2015, 31, 347-358.	0.4	2
372	Reconstructing long-term trophic histories for lakes using two independent approaches: Application of dynamic computer modelling and palaeolimnology to Lough Mask, Ireland. <i>Biology and Environment</i> , 2015, 115B, 171.	0.2	2
373	Evaluation of Water Framework Directive metrics to analyse trends in water quality in the Netherlands. <i>Sustainability of Water Quality and Ecology</i> , 2015, 6, 40-47.	2.0	11
374	Effects of temperature on phosphorus release in sediments of Hongfeng Lake, southwest China: an experimental study using diffusive gradients in thin-films (DGT) technique. <i>Environmental Earth Sciences</i> , 2015, 74, 5885-5894.	1.3	20
375	Homogenization of fish assemblages in different lake depth strata at local and regional scales. <i>Freshwater Biology</i> , 2015, 60, 745-757.	1.2	34
376	Estimation of the long-term nutrient budget and thresholds of regime shift for a large shallow lake in China. <i>Ecological Indicators</i> , 2015, 52, 231-244.	2.6	35

#	ARTICLE	IF	CITATIONS
377	Resilience of a phytoplankton community after disturbance in a subtropical reservoir: A case study in Feitsui Reservoir, Taiwan. <i>Ecological Indicators</i> , 2015, 52, 284-291.	2.6	7
378	Long-term homeostasis of filterable un-reactive phosphorus in a shallow eutrophic lake following a significant reduction in catchment load. <i>Geoderma</i> , 2015, 257-258, 78-85.	2.3	7
379	Nitrogen inputs enhance phytoplankton growth during sediment resuspension events: a mesocosm study. <i>Hydrobiologia</i> , 2015, 744, 297-305.	1.0	20
380	Phytoplankton co-limitation by nitrogen and phosphorus in a shallow reservoir: progressing from the phosphorus limitation paradigm. <i>Hydrobiologia</i> , 2015, 744, 255-269.	1.0	58
381	Blue-Green Algae in a "Greenhouse Century" New Insights from Field Data on Climate Change Impacts on Cyanobacteria Abundance. <i>Ecosystems</i> , 2015, 18, 441-458.	1.6	45
382	Water quality effects following establishment of the invasive <i>Dreissena polymorpha</i> (Pallas) in a shallow eutrophic lake: implications for pollution mitigation measures. <i>Hydrobiologia</i> , 2015, 743, 237-253.	1.0	7
383	Towards the development of a biogeochemical model for addressing the eutrophication problems in the shallow hypertrophic lagoon of Albufera de Valencia, Spain. <i>Ecological Informatics</i> , 2015, 26, 70-89.	2.3	14
384	Exploring change of internal nutrients cycling in a shallow lake: A dynamic nutrient driven phytoplankton model. <i>Ecological Modelling</i> , 2015, 313, 137-148.	1.2	41
385	Evidence for internal phosphorus loading in a large prairie reservoir (Lake Diefenbaker,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422 Td (Sa	0.8	56
386	Recovery limitation of endangered <i>Ottelia acuminata</i> by allelopathic interaction with cyanobacteria. <i>Aquatic Ecology</i> , 2015, 49, 333-342.	0.7	13
387	Towards threshold-based management of freshwater ecosystems in the context of climate change. <i>Ecological Modelling</i> , 2015, 318, 265-274.	1.2	35
388	Effects of nitrogen and phosphorus load reduction on benthic phosphorus release in a riverine lake. <i>Biogeochemistry</i> , 2015, 123, 185-202.	1.7	24
389	Water quality changes following nutrient loading reduction and biomanipulation in a large shallow subtropical lake, Lake Griffin, Florida, USA. <i>Hydrobiologia</i> , 2015, 753, 243-263.	1.0	15
390	Temporal evolution of organic carbon concentrations in Swiss lakes: Trends of allochthonous and autochthonous organic carbon. <i>Science of the Total Environment</i> , 2015, 520, 13-22.	3.9	14
391	Nutrient sequestration in the Lake Winnipeg watershed. <i>Journal of Great Lakes Research</i> , 2015, 41, 630-642.	0.8	46
392	Climate change impeded the re-oligotrophication of the Saldenbach Reservoir. <i>International Review of Hydrobiology</i> , 2015, 100, 43-60.	0.5	14
393	Functional classifications and their application in phytoplankton ecology. <i>Freshwater Biology</i> , 2015, 60, 603-619.	1.2	177
394	Sete Cidades and Furnas lake eutrophication (São Miguel, Azores): Analysis of long-term monitoring data and remediation measures. <i>Science of the Total Environment</i> , 2015, 520, 168-186.	3.9	31

#	ARTICLE	IF	CITATIONS
395	Acceleration of cyanobacterial dominance in north temperate-subarctic lakes during the Anthropocene. <i>Ecology Letters</i> , 2015, 18, 375-384.	3.0	270
396	Effectiveness and Mode of Action of Calcium Nitrate and Phoslock® in Phosphorus Control in Contaminated Sediment, a Microcosm Study. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	24
397	Statistical Dimensioning of Nutrient Loading Reduction: LLR Assessment Tool for Lake Managers. <i>Environmental Management</i> , 2015, 56, 480-491.	1.2	15
398	A dramatic recovery of Lake Spokane water quality following wastewater phosphorus reduction. <i>Lake and Reservoir Management</i> , 2015, 31, 157-165.	0.4	8
399	Anthropogenic land use is associated with N-fixing cyanobacterial dominance in lakes across the continental United States. <i>Aquatic Sciences</i> , 2015, 77, 681-694.	0.6	30
400	Potential impacts of climate change on water quality in a shallow reservoir in China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14971-14982.	2.7	30
401	Determining Critical Nutrient Thresholds Needed to Control Harmful Cyanobacterial Blooms in Eutrophic Lake Taihu, China. <i>Environmental Science & Technology</i> , 2015, 49, 1051-1059.	4.6	329
402	The importance of dissolved N:P ratios on mayfly (<i>Baetis</i> spp.) growth in high-nutrient detritus-based streams. <i>Hydrobiologia</i> , 2015, 742, 15-26.	1.0	5
403	Assessing the impacts of mining activities on zooplankton functional diversity. <i>Acta Limnologica Brasiliensia</i> , 2016, 28, .	0.4	22
404	Influence of seasonal variation on the hydro-biogeochemical characteristics of two upland lakes in the Southeastern Amazon, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 2211-2227.	0.3	36
405	Importance of climate change-physical forcing on the increase of cyanobacterial blooms in a small, stratified lake. <i>Journal of Limnology</i> , 2016, 75, .	0.3	14
406	The Effect of Artificial Recharge on Hydrochemistry: A Comparison of Two Fluvial Gravel Pit Lakes with Different Post-Excavation Uses in The Netherlands. <i>Water (Switzerland)</i> , 2016, 8, 409.	1.2	7
407	Long-Term Trends and Temporal Synchrony in Plankton Richness, Diversity and Biomass Driven by Re-Oligotrophication and Climate across 17 Danish Lakes. <i>Water (Switzerland)</i> , 2016, 8, 427.	1.2	30
408	Climate Change Will Make Recovery from Eutrophication More Difficult in Shallow Danish Lake Søbygaard. <i>Water (Switzerland)</i> , 2016, 8, 459.	1.2	36
409	Algal Blooms. , 2016, , 5-43.		5
410	The Potential Impacts of Climate Change Factors on Freshwater Eutrophication: Implications for Research and Countermeasures of Water Management in China. <i>Sustainability</i> , 2016, 8, 229.	1.6	57
411	Synergy between shading and herbivory triggers macrophyte loss and regime shifts in aquatic systems. <i>Oikos</i> , 2016, 125, 1489-1495.	1.2	52
412	Lake-type-specific seasonal patterns of nutrient limitation in German lakes, with target nitrogen and phosphorus concentrations for good ecological status. <i>Freshwater Biology</i> , 2016, 61, 444-456.	1.2	52

#	ARTICLE	IF	CITATIONS
413	Macrophyte response to the protection and restoration measures of four water bodies. <i>International Review of Hydrobiology</i> , 2016, 101, 160-172.	0.5	10
414	Increased variability and sudden ecosystem state change in Lake Winnipeg, Canada, caused by 20 th century agriculture. <i>Limnology and Oceanography</i> , 2016, 61, 2090-2107.	1.6	89
415	In situ, high-resolution evidence for iron-coupled mobilization of phosphorus in sediments. <i>Scientific Reports</i> , 2016, 6, 24341.	1.6	90
416	Herbivory on freshwater and marine macrophytes: A review and perspective. <i>Aquatic Botany</i> , 2016, 135, 18-36.	0.8	193
417	Phytoplankton response to short-term temperature and nutrient changes. <i>Limnologica</i> , 2016, 59, 78-89.	0.7	29
418	Modeling the response of phytoplankton to reduced external nutrient load in a subtropical Chinese reservoir using DYRESM-CAEDYM. <i>Lake and Reservoir Management</i> , 2016, 32, 146-157.	0.4	28
419	Cyanobacteria biennial dynamic in a volcanic mesotrophic lake in central Italy: Strategies to prevent dangerous human exposures to cyanotoxins. <i>Toxicon</i> , 2016, 115, 28-40.	0.8	15
420	Iron and iron-binding ligands as cofactors that limit cyanobacterial biomass across a lake trophic gradient. <i>Freshwater Biology</i> , 2016, 61, 146-157.	1.2	23
421	Automatic High Frequency Monitoring for Improved Lake and Reservoir Management. <i>Environmental Science & Technology</i> , 2016, 50, 10780-10794.	4.6	104
422	A critical review of the development, current hotspots, and future directions of Lake Taihu research from the bibliometrics perspective. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12811-12821.	2.7	64
423	How to combat cyanobacterial blooms: strategy toward preventive lake restoration and reactive control measures. <i>Aquatic Ecology</i> , 2016, 50, 541-576.	0.7	50
424	Phosphorus accumulates faster than nitrogen globally in freshwater ecosystems under anthropogenic impacts. <i>Ecology Letters</i> , 2016, 19, 1237-1246.	3.0	129
425	First steps of ecological restoration in Mediterranean lagoons: Shifts in phytoplankton communities. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 180, 190-203.	0.9	47
426	A modelling approach to determine systematic nitrogen transformations in a tropical reservoir. <i>Ecological Engineering</i> , 2016, 94, 37-49.	1.6	14
427	Generalized scaling of seasonal thermal stratification in lakes. <i>Earth-Science Reviews</i> , 2016, 161, 179-190.	4.0	77
428	Effects of reoligotrophication and climate change on lake thermal structure. <i>Freshwater Biology</i> , 2016, 61, 1802-1814.	1.2	31
429	Simulating the effect of nutrient reduction on hypoxia in a large lake (Lake Erie, USA-Canada) with a three-dimensional lake model. <i>Journal of Great Lakes Research</i> , 2016, 42, 1228-1240.	0.8	43
430	TiO ₂ nanoparticles for the remediation of eutrophic shallow freshwater systems: Efficiency and impacts on aquatic biota under a microcosm experiment. <i>Aquatic Toxicology</i> , 2016, 178, 58-71.	1.9	20

#	ARTICLE	IF	CITATIONS
431	Internal phosphorus loading across a cascade of three eutrophic basins: A synthesis of short- and long-term studies. <i>Science of the Total Environment</i> , 2016, 572, 943-954.	3.9	34
432	The role of bioirrigation in sediment phosphorus dynamics and blooms of toxic cyanobacteria in a temperate lagoon. <i>Environmental Modelling and Software</i> , 2016, 86, 277-304.	1.9	8
433	Combating cyanobacterial proliferation by avoiding or treating inflows with high P loadâ€™ experiences from eight case studies. <i>Aquatic Ecology</i> , 2016, 50, 367-383.	0.7	82
434	Guiding principles for the development and application of solid-phase phosphorus adsorbents for freshwater ecosystems. <i>Aquatic Ecology</i> , 2016, 50, 385-405.	0.7	95
435	The influence of nutrient loading, climate and water depth on nitrogen and phosphorus loss in shallow lakes: a pan-European mesocosm experiment. <i>Hydrobiologia</i> , 2016, 778, 13-32.	1.0	17
436	Estimating internal P loading in a deep water reservoir of northern China using three different methods. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18512-18523.	2.7	12
437	Construction and application of an aquatic ecological model for an emergent-macrophyte-dominated wetland: A case of Hanshiqiao wetland. <i>Ecological Engineering</i> , 2016, 96, 214-223.	1.6	10
438	Phytoplankton community responses in a shallow lake following lanthanum-bentonite application. <i>Water Research</i> , 2016, 97, 55-68.	5.3	14
439	Manipulating nutrient limitation using modified local soils: A case study at Lake Taihu (China). <i>Water Research</i> , 2016, 101, 25-35.	5.3	29
440	Assessing resilience in long-term ecological data sets. <i>Ecological Indicators</i> , 2016, 65, 10-43.	2.6	70
441	Management of eutrophication in Lake De Kuil (The Netherlands) using combined flocculant â€™ Lanthanum modified bentonite treatment. <i>Water Research</i> , 2016, 97, 83-95.	5.3	100
442	Drought-induced water-level reduction favors cyanobacteria blooms in tropical shallow lakes. <i>Hydrobiologia</i> , 2016, 770, 145-164.	1.0	127
443	Biological indicators track differential responses of pelagic and littoral areas to nutrient load reductions in German lakes. <i>Ecological Indicators</i> , 2016, 61, 905-910.	2.6	24
444	Ecological classification of lakes: Uncertainty and the influence of year-to-year variability. <i>Ecological Indicators</i> , 2016, 61, 248-257.	2.6	32
445	Ecological Instability in Lakes: A Predictable Condition?. <i>Environmental Science & Technology</i> , 2016, 50, 3285-3286.	4.6	10
446	Fish community response to the longitudinal environmental gradient in Czech deep-valley reservoirs: Implications for ecological monitoring and management. <i>Ecological Indicators</i> , 2016, 63, 219-230.	2.6	33
447	Flocculation of cyanobacterial cells using coal fly ash modified chitosan. <i>Water Research</i> , 2016, 97, 11-18.	5.3	45
448	Educating for action: Aligning skills with policies for sustainable development in the Danube river basin. <i>Science of the Total Environment</i> , 2016, 543, 765-777.	3.9	18

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449	Eutrophication management in surface waters using lanthanum modified bentonite: A review. <i>Water Research</i> , 2016, 97, 162-174.	5.3	252
450	Longevity and effectiveness of aluminum addition to reduce sediment phosphorus release and restore lake water quality. <i>Water Research</i> , 2016, 97, 122-132.	5.3	141
451	Anadromous. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 18-19.	0.1	0
452	Amphipods. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 17-18.	0.1	0
453	Artificial Reef. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 37-41.	0.1	0
454	Influence of environmental factors on the phosphorus adsorption of lanthanum-modified bentonite in eutrophic water and sediment. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2487-2494.	2.7	27
455	A meta-analysis of water quality and aquatic macrophyte responses in 18 lakes treated with lanthanum modified bentonite (Phoslock®). <i>Water Research</i> , 2016, 97, 111-121.	5.3	102
456	Archaea. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 35-37.	0.1	0
457	Age. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 3-4.	0.1	0
458	Anthropogenic Impacts. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 29-35.	0.1	9
459	Autotrophic. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 41-42.	0.1	0
460	Understanding the key ecological traits of cyanobacteria as a basis for their management and control in changing lakes. <i>Aquatic Ecology</i> , 2016, 50, 333-350.	0.7	86
461	Tracking management-related water quality alterations by phytoplankton assemblages in a tropical reservoir. <i>Hydrobiologia</i> , 2016, 763, 109-124.	1.0	11
462	Long-term efficiency of lake restoration by chemical phosphorus precipitation: Scenario analysis with a phosphorus balance model. <i>Water Research</i> , 2016, 97, 153-161.	5.3	39
463	Restoration ecology of coastal lagoons: new methods for the prediction of ecological trajectories and economic valuation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 137-157.	0.9	29
464	Longitudinal variations of phytoplankton compositions in lake-to-river systems. <i>Limnologica</i> , 2017, 62, 173-180.	0.7	12
465	The EU Water Framework Directive: From great expectations to problems with implementation. <i>Science of the Total Environment</i> , 2017, 575, 358-366.	3.9	407
466	Mowing Submerged Macrophytes in Shallow Lakes with Alternative Stable States: Battling the Good Guys?. <i>Environmental Management</i> , 2017, 59, 619-634.	1.2	64

#	ARTICLE	IF	CITATIONS
467	75 years since Monod: It is time to increase the complexity of our predictive ecosystem models (opinion). <i>Ecological Modelling</i> , 2017, 346, 77-87.	1.2	24
468	Probabilistic Evaluation of Ecological and Economic Objectives of River Basin Management Reveals a Potential Flaw in the Goal Setting of the EU Water Framework Directive. <i>Environmental Management</i> , 2017, 59, 584-593.	1.2	9
469	Effects of internal phosphorus loadings and food-web structure on the recovery of a deep lake from eutrophication. <i>Journal of Great Lakes Research</i> , 2017, 43, 255-264.	0.8	39
470	A fish-based index for the assessment of the ecological quality of temperate lakes. <i>Ecological Indicators</i> , 2017, 78, 556-565.	2.6	24
471	A decline in benthic algal production may explain recent hypoxic events in Lake Erie's central basin. <i>Journal of Great Lakes Research</i> , 2017, 43, 73-78.	0.8	5
472	Improving water quality in China: Environmental investment pays dividends. <i>Water Research</i> , 2017, 118, 152-159.	5.3	140
473	Variations of internal phosphorus loading and water quality in a hypertrophic lake during 40 years of different management efforts. <i>Ecological Engineering</i> , 2017, 103, 264-274.	1.6	44
474	Optimal gillnet sampling design for the estimation of fish community indicators in heterogeneous freshwater ecosystems. <i>Ecological Indicators</i> , 2017, 77, 368-376.	2.6	18
475	Restoration in northern Lake Gehu, a eutrophic lake in China. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 1417-1431.	0.7	7
476	Influence of operational parameters on nutrient removal from eutrophic water in a constructed wetland. <i>Hydrobiologia</i> , 2017, 792, 105-120.	1.0	8
477	Cyanobacteria blooms in water: Italian guidelines to assess and manage the risk associated to bathing and recreational activities. <i>Science of the Total Environment</i> , 2017, 598, 867-880.	3.9	35
478	Rethinking Wastewater Treatment Plant Effluent Standards: Nutrient Reduction or Nutrient Control?. <i>Environmental Science & Technology</i> , 2017, 51, 4735-4737.	4.6	58
479	Using ADV for suspended sediment concentration and settling velocity measurements in large shallow lakes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2675-2684.	2.7	14
480	Attributes of successful actions to restore lakes and estuaries degraded by nutrient pollution. <i>Journal of Environmental Management</i> , 2017, 187, 122-136.	3.8	33
481	The actual role of oxygen deficit in the linkage of the water quality and benthic phosphorus release: Potential implications for lake restoration. <i>Science of the Total Environment</i> , 2017, 599-600, 732-738.	3.9	39
482	Mass development of monospecific submerged macrophyte vegetation after the restoration of shallow lakes: Roles of light, sediment nutrient levels, and propagule density. <i>Aquatic Botany</i> , 2017, 141, 29-38.	0.8	49
483	Decline in Chinese lake phosphorus concentration accompanied by shift in sources since 2006. <i>Nature Geoscience</i> , 2017, 10, 507-511.	5.4	236
484	Short term succession of artificially restored submerged macrophytes and their impact on the sediment microbial community. <i>Ecological Engineering</i> , 2017, 103, 50-58.	1.6	18

#	ARTICLE	IF	CITATIONS
485	Long-term trends in nutrient budgets of the western Dutch Wadden Sea (1976–2012). <i>Journal of Sea Research</i> , 2017, 127, 82-94.	0.6	11
486	Effect of humic acid preloading on phosphate adsorption onto zirconium-modified zeolite. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12195-12211.	2.7	39
487	Internal cycling, not external loading, decides the nutrient limitation in eutrophic lake: A dynamic model with temporal Bayesian hierarchical inference. <i>Water Research</i> , 2017, 116, 231-240.	5.3	160
488	Can short-term and small-scale experiments reflect nutrient limitation on phytoplankton in natural lakes?. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 546-556.	0.7	1
489	Abrupt stop of deep water turnover with lake warming: Drastic consequences for algal primary producers. <i>Scientific Reports</i> , 2017, 7, 13770.	1.6	75
490	Phytoplankton dynamics in relation to physicochemical conditions in large, stratified Lake Charzykowskie (Northern Poland). <i>Oceanological and Hydrobiological Studies</i> , 2017, 46, 260-270.	0.3	1
491	Ecological resilience in lakes and the conjunction fallacy. <i>Nature Ecology and Evolution</i> , 2017, 1, 1616-1624.	3.4	52
492	Consequences of eutrophication in the management of water resources in Mediterranean reservoirs: A case study of Lake Cedrino (Sardinia, Italy). <i>Global Ecology and Conservation</i> , 2017, 12, 21-35.	1.0	76
493	Recovery of lake vegetation following reduced eutrophication and acidification. <i>Freshwater Biology</i> , 2017, 62, 1847-1857.	1.2	26
494	Internal phosphorus loading in Canadian fresh waters: a critical review and data analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 2005-2029.	0.7	155
495	Resilience to heat waves in the aquatic snail <i>Lymnaea stagnalis</i> : Additive and interactive effects with micropollutants. <i>Freshwater Biology</i> , 2017, 62, 1831-1846.	1.2	29
496	Reducing soil phosphorus fertility brings potential long-term environmental gains: A UK analysis. <i>Environmental Research Letters</i> , 2017, 12, 063001.	2.2	52
497	Cultural Eutrophication Mediates Context-Dependent Eco-Evolutionary Feedbacks of a Fish Invader. <i>Copeia</i> , 2017, 105, 483-493.	1.4	12
498	Total phytoplankton abundance is determined by phosphorus input: evidence from an 18-month fertilization experiment in four subtropical ponds. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 1454-1461.	0.7	12
499	Modelling the impacts of altered management practices, land use and climate changes on the water quality of the Millbrook catchment-reservoir system in South Australia. <i>Journal of Environmental Management</i> , 2017, 202, 1-11.	3.8	40
500	Comparative analyses of physiological assays and chlorophyll a variable fluorescence parameters: investigating the importance of phosphorus availability in oligotrophic and eutrophic freshwater systems. <i>Aquatic Ecology</i> , 2017, 51, 359-375.	0.7	11
501	Could artificial plant beds favour microcrustaceans during biomanipulation of eutrophic shallow lakes?. <i>Hydrobiologia</i> , 2017, 802, 221-233.	1.0	4
502	Historical phosphorus dynamics in Lake of the Woods (USA–Canada) – does legacy phosphorus still affect the southern basin?. <i>Lake and Reservoir Management</i> , 2017, 33, 386-402.	0.4	17

#	ARTICLE	IF	CITATIONS
503	Fish communities in the Anthropocene: detecting drivers of changes in the deep peri-alpine Lake Geneva. <i>Inland Waters</i> , 2017, 7, 65-76.	1.1	9
504	Controlling Eutrophication in A Mediterranean Shallow Reservoir by Phosphorus Loading Reduction: The Need for an Integrated Management Approach. <i>Environmental Management</i> , 2017, 59, 635-651.	1.2	16
505	Perpetual Phosphorus Cycling: Eutrophication Amplifies Biological Control on Internal Phosphorus Loading in Agricultural Reservoirs. <i>Ecosystems</i> , 2017, 20, 1483-1493.	1.6	34
506	Tracking a century of changes in microbial eukaryotic diversity in lakes driven by nutrient enrichment and climate warming. <i>Environmental Microbiology</i> , 2017, 19, 2873-2892.	1.8	64
507	Phosphate uptake and translocation in a tropical Canna-based constructed wetland. <i>Ecological Processes</i> , 2017, 6, .	1.6	30
508	Control of internal phosphorus loading in eutrophic lakes using lanthanum-modified zeolite. <i>Chemical Engineering Journal</i> , 2017, 327, 505-513.	6.6	46
509	Analysis of nutrient transport and ecological response in Honghu Lake, China by using a mathematical model. <i>Science of the Total Environment</i> , 2017, 575, 418-428.	3.9	37
510	Biosorbent, a promising material for remediation of eutrophic environments: studies in microcosm. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2685-2696.	2.7	4
511	Recovery of lakes and coastal marine ecosystems from eutrophication: A global meta-analysis. <i>Limnology and Oceanography</i> , 2017, 62, 507-518.	1.6	158
512	Management and control methods of invasive alien freshwater aquatic plants: A review. <i>Aquatic Botany</i> , 2017, 136, 112-137.	0.8	217
513	Quantifying macrophyte colonisation strategiesâ€”A field experiment in a shallow lake (Lake Balaton, Hungary). <i>Journal of Great Lakes Research</i> , 2017, 43, 100-111.	0.8	11
514	Effects of nutrient addition, recovery thereafter and the role of macrophytes in nutrient dynamics of a Mediterranean shallow lake: a mesocosm experiment. <i>Marine and Freshwater Research</i> , 2017, 68, 506.	0.7	8
515	Hydrological regulation drives regime shifts: evidence from paleolimnology and ecosystem modeling of a large shallow Chinese lake. <i>Global Change Biology</i> , 2017, 23, 737-754.	4.2	111
516	Depth-related response of macroinvertebrates to the reversal of eutrophication in a Mediterranean lake: Implications for ecological assessment. <i>Science of the Total Environment</i> , 2017, 579, 456-465.	3.9	9
517	Decade-long time delays in nutrient and plant species dynamics during eutrophication and re-eutrophication of Lake Fure 1900-2015. <i>Journal of Ecology</i> , 2017, 105, 690-700.	1.9	54
518	Phosphorus budgetary analysis of sediment-water interface in a short-term anoxic condition in shallow Lake Kasumigaura, Japan. <i>Limnology</i> , 2017, 18, 131-140.	0.8	5
519	Inadequacy of best management practices for restoring eutrophic lakes in the United States: guidance for policy and practice. <i>Inland Waters</i> , 2017, 7, 401-407.	1.1	34
520	Trophic Status of Peipus Lake. <i>Russian Journal of General Chemistry</i> , 2017, 87, 3266-3271.	0.3	0

#	ARTICLE	IF	CITATIONS
521	Social Construction of Cyanobacteria Blooms in Quebec. <i>SAGE Open</i> , 2017, 7, 215824401769736.	0.8	11
522	GA-SVM Applied in Assessing the Water Trophic State of South Lake Qujiang based on Multispectral RS. , 2017, 07, .		0
523	Lake Restoration and Management in a Climate Change Perspective: An Introduction. <i>Water (Switzerland)</i> , 2017, 9, 122.	1.2	54
524	Vollenweider Model for Temporal Eutrophication Characteristics of Nagdaha Lake, Nepal. <i>Asian Journal of Water, Environment and Pollution</i> , 2017, 14, 29-39.	0.4	3
525	Effects of Sediment Chemical Properties on Phosphorus Release Rates in the Sediment-Water Interface of the Steppe Wetlands. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1430.	1.2	7
526	Effects of changes in nutrient loading and composition on hypoxia dynamics and internal nutrient cycling of a stratified coastal lagoon. <i>Biogeosciences</i> , 2017, 14, 4423-4433.	1.3	10
527	A simple fish-based approach to assess the ecological quality of freshwater reservoirs in Central Europe. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 53.	0.5	6
528	Fisheries impacts on lake ecosystem structure in the context of a changing climate and trophic state. <i>Journal of Limnology</i> , 0, , .	0.3	5
529	Vertical and horizontal distribution of the microcystin producer <i>Planktothrix rubescens</i> (Cyanobacteria) in a small perialpine reservoir. <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.2	6
530	Cascading effect of exotic fish fry on plankton community in a tropical Andean high mountain lake: a mesocosm experiment. <i>Journal of Limnology</i> , 2017, , .	0.3	3
531	Functional diversity of phytoplankton highlights long-term gradual regime shift in the middle section of the Danube River due to global warming, human impacts and oligotrophication. <i>Freshwater Biology</i> , 2018, 63, 456-472.	1.2	61
532	Seeking alternative stable states in a deep lake. <i>Freshwater Biology</i> , 2018, 63, 553-568.	1.2	26
533	Competition for nutrients and light: testing advances in resource competition with a natural phytoplankton community. <i>Ecology</i> , 2018, 99, 1108-1118.	1.5	123
534	Mechanisms driving phosphorus release during algal blooms based on hourly changes in iron and phosphorus concentrations in sediments. <i>Water Research</i> , 2018, 133, 153-164.	5.3	246
535	Identifying external nutrient reduction requirements and potential in the hypereutrophic Lake Taihu Basin, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10014-10028.	2.7	9
537	Interactions between nitrogen form, loading rate, and light intensity on <i>Microcystis</i> and <i>Planktothrix</i> growth and microcystin production. <i>Harmful Algae</i> , 2018, 73, 84-97.	2.2	104
538	Phosphorus more than temperature controls the phytoplankton community in a deep quarry lake: a combined field and laboratory approach. <i>Inland Waters</i> , 2018, 8, 22-35.	1.1	3
539	Impact of the invasive three-spined stickleback (<i>Gasterosteus aculeatus</i>) on relative abundance and growth of native pelagic whitefish (<i>Coregonus wartmanni</i>) in Upper Lake Constance. <i>Hydrobiologia</i> , 2018, 824, 243-254.	1.0	24

#	ARTICLE	IF	CITATIONS
540	Internal phosphorus loading from sediments causes seasonal nitrogen limitation for harmful algal blooms. <i>Science of the Total Environment</i> , 2018, 625, 872-884.	3.9	225
541	HeLM: a macrophyte-based method for monitoring and assessment of Greek lakes. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 326.	1.3	18
542	Mechanisms preventing a decrease in phytoplankton biomass after phosphorus reductions in a German drinking water reservoir—results from more than 50 years of observation. <i>Freshwater Biology</i> , 2018, 63, 1063-1076.	1.2	30
543	Compositional and functional consequences of environmental change in Belgian farmland ponds. <i>Freshwater Biology</i> , 2018, 63, 581-596.	1.2	10
544	Phosphorus Loadings to the World's Largest Lakes: Sources and Trends. <i>Global Biogeochemical Cycles</i> , 2018, 32, 617-634.	1.9	91
545	Do current European lake monitoring programmes reliably estimate phytoplankton community changes?. <i>Hydrobiologia</i> , 2018, 824, 143-162.	1.0	23
546	Phosphorus Deposition in a Low-Phosphorus Landscape: Sources, Accuracy and Contribution to Declines in Surface Water P. <i>Ecosystems</i> , 2018, 21, 782-794.	1.6	8
547	Direct and interactive effects of climate, meteorology, river hydrology, and lake characteristics on water quality in productive lakes of the Canadian Prairies. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 47-59.	0.7	26
548	Taking the P out of pollution: an English perspective on phosphorus stewardship and the Water Framework Directive. <i>Water and Environment Journal</i> , 2018, 32, 4-8.	1.0	12
549	Five decades of dramatic changes in submerged vegetation in Lake Constance. <i>Aquatic Botany</i> , 2018, 144, 31-37.	0.8	33
550	Flooding Duration Affects the Structure of Terrestrial and Aquatic Microbial Eukaryotic Communities. <i>Microbial Ecology</i> , 2018, 75, 875-887.	1.4	13
551	Interactive effects of environmental factors on phytoplankton communities and benthic nutrient interactions in a shallow lake and adjoining rivers in China. <i>Science of the Total Environment</i> , 2018, 619-620, 1661-1672.	3.9	37
552	Water quality response to sustainable restoration measures — Case study of urban Swarzędzkie Lake. <i>Ecological Indicators</i> , 2018, 84, 437-449.	2.6	40
553	Paleolimnological records reveal biotic homogenization driven by eutrophication in tropical reservoirs. <i>Journal of Paleolimnology</i> , 2018, 60, 299-309.	0.8	38
554	Plasticity in phytoplankton annual periodicity: an adaptation to long-term environmental changes. <i>Hydrobiologia</i> , 2018, 824, 121-141.	1.0	13
555	Influence of Phoslock® on legacy phosphorus, nutrient ratios, and algal assemblage composition in hypereutrophic water resources. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4544-4557.	2.7	25
556	Tracking recent human impacts on a nutrient sensitive Irish lake: integrating landscape to water linkages. <i>Hydrobiologia</i> , 2018, 807, 207-231.	1.0	8
557	Nutrient modeling of an urban lake using best subset method. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 1867-1878.	1.8	8

#	ARTICLE	IF	CITATIONS
558	Effects of temperature on phosphorus mobilization in sediments in microcosm experiment and in the field. <i>Applied Geochemistry</i> , 2018, 88, 158-166.	1.4	28
559	The concentration, flux and occurrence process of total phosphorus in Dahuofang reservoir and Suggestions for environmental optimal operation. <i>MATEC Web of Conferences</i> , 2018, 246, 01109.	0.1	0
560	Flocculants and Sediment Capping for Phosphorus Management. , 2018, , 207-265.		1
561	Vertical distribution of the relic species <i>Eurytemora lacustris</i> (Copepoda, Calanoida) in stratified mesotrophic lakes. <i>Biologia (Poland)</i> , 2018, 73, 1197-1204.	0.8	7
562	Concepts for Restoration: Nutrient Loading, Thresholds and Alternative Stable States. , 2018, , 3-14.		2
563	L'eutrophisation. , 2018, , .		13
564	Turbidity, Waterfowl Herbivory, and Propagule Banks Shape Submerged Aquatic Vegetation in Ponds. <i>Frontiers in Plant Science</i> , 2018, 9, 1514.	1.7	10
565	Persistence of meromixis and its effects on redox conditions and trophic status in Lake Idro (Southern Alps, Italy). <i>Hydrobiologia</i> , 2018, 824, 51-69.	1.0	16
566	Response of Zooplankton to Restoration and Climate Warming in Alte Donau. , 2018, , 163-212.		2
567	Phytoplankton in Alte Donau: Response to Trophic Change from Hypertrophic to Mesotrophic Over 22 Years. , 2018, , 107-147.		3
568	How Does Changing Ice-Out Affect Arctic versus Boreal Lakes? A Comparison Using Two Years with Ice-Out that Differed by More Than Three Weeks. <i>Water (Switzerland)</i> , 2018, 10, 78.	1.2	15
569	Risk Indicators for Identifying Critical Source Areas in Five Arkansas Watersheds. <i>Transactions of the ASABE</i> , 2018, 61, 1025-1032.	1.1	4
570	Speciation of Phosphorus from Agricultural Muck Soils to Stream and Lake Sediments. <i>Journal of Environmental Quality</i> , 2018, 47, 884-892.	1.0	19
571	Recent water quality trends in a typical semi-arid river with a sharp decrease in streamflow and construction of sewage treatment plants. <i>Environmental Research Letters</i> , 2018, 13, 014026.	2.2	19
572	Is zooplankton an indicator of the water trophic level in dam reservoirs?. <i>Oceanological and Hydrobiological Studies</i> , 2018, 47, 288-295.	0.3	9
573	Herbivory on freshwater macrophytes from the perspective of biological invasions: a systematic review. <i>Aquatic Ecology</i> , 2018, 52, 297-309.	0.7	4
574	A Bayesian modeling approach for phosphorus load apportionment in a reservoir with high water transfer disturbance. <i>Environmental Science and Pollution Research</i> , 2018, 25, 32395-32408.	2.7	7
575	Successful restoration of a tropical shallow eutrophic lake: Strong bottom-up but weak top-down effects recorded. <i>Water Research</i> , 2018, 146, 88-97.	5.3	136

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576	The importance of nutrient supply by fish excretion and watershed streams to a eutrophic lake varies with temporal scale over 19 years. <i>Biogeochemistry</i> , 2018, 140, 233-253.	1.7	15
577	Warming and oligotrophication cause shifts in freshwater phytoplankton communities. <i>Global Change Biology</i> , 2018, 24, 4532-4543.	4.2	69
578	Cyanobacterial blooms. <i>Nature Reviews Microbiology</i> , 2018, 16, 471-483.	13.6	1,671
579	Effects of land-use pattern and physiochemical conditions on phytoplankton communities in a German lowland catchment. <i>Fundamental and Applied Limnology</i> , 2018, 191, 175-187.	0.4	11
580	Using 3D modeling and remote sensing capabilities for a better understanding of spatio-temporal heterogeneities of phytoplankton abundance in large lakes. <i>Journal of Great Lakes Research</i> , 2018, 44, 756-764.	0.8	31
581	Response of Submerged Macrophyte Communities to External and Internal Restoration Measures in North Temperate Shallow Lakes. <i>Frontiers in Plant Science</i> , 2018, 9, 194.	1.7	97
582	Long-term dynamics and drivers of phytoplankton biomass in eutrophic Lake Taihu. <i>Science of the Total Environment</i> , 2018, 645, 876-886.	3.9	77
583	Human activities altered water N:P ratios in the populated regions of China. <i>Chemosphere</i> , 2018, 210, 1070-1081.	4.2	31
584	The relative roles of point and nonpoint phosphorus sources in the eutrophication of Lake Champlain as recorded in sediment cores. <i>Journal of Great Lakes Research</i> , 2018, 44, 1043-1056.	0.8	9
585	A paradox of warming in a deep peri-Alpine lake (Lake Lugano, Switzerland and Italy). <i>Hydrobiologia</i> , 2018, 824, 215-228.	1.0	18
586	Global warming may lower thermal barriers against invasive species in freshwater ecosystems – A study from Lake Constance. <i>Science of the Total Environment</i> , 2018, 645, 44-50.	3.9	24
587	Beyond Eutrophication: Vancouver Lake, WA, USA as a Model System for Assessing Multiple, Interacting Biotic and Abiotic Drivers of Harmful Cyanobacterial Blooms. <i>Water (Switzerland)</i> , 2018, 10, 757.	1.2	17
588	Recent ecological change in ancient lakes. <i>Limnology and Oceanography</i> , 2018, 63, 2277-2304.	1.6	68
589	Factors behind the variability of phosphorus accumulation in Finnish lakes. <i>Journal of Soils and Sediments</i> , 2018, 18, 2117-2129.	1.5	9
590	Effects of winter weather and mixing regime on the restoration of a deep perialpine lake (Lake Lugano,) <i>Tj ETQqO 0,0rgBT /Oyerlock 10</i>	1.0	13
591	Regime shift in Lake Dianchi (China) during the last 50 years. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1075-1090.	0.6	11
592	Fewer blue lakes and more murky lakes across the continental U.S.: Implications for planktonic food webs. <i>Limnology and Oceanography</i> , 2018, 63, 2661-2680.	1.6	70
593	Legacy Nutrient Dynamics at the Watershed Scale: Principles, Modeling, and Implications. <i>Advances in Agronomy</i> , 2018, 149, 237-313.	2.4	81

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594	Phosphorus mobility in dam reservoir affected by redox oscillations: An experimental study. <i>Journal of Environmental Sciences</i> , 2019, 77, 250-263.	3.2	20
595	Stability of Lake Sammamish phosphorus despite land use changes. <i>Lake and Reservoir Management</i> , 2019, 35, 167-180.	0.4	2
596	Content of Photosynthetic Pigments in the Upper Volga Reservoirs (2005â€“2016). <i>Inland Water Biology</i> , 2019, 12, 161-169.	0.2	7
597	Quantifying the Extent of Anthropogenic Eutrophication of Lakes at a National Scale in New Zealand. <i>Environmental Science & Technology</i> , 2019, 53, 9439-9452.	4.6	30
598	The paradox of reâ€“oligotrophication: the role of bottomâ€“up versus topâ€“down controls on the phytoplankton community. <i>Oikos</i> , 2019, 128, 1666-1677.	1.2	27
599	Niche dimensionality and herbivory control stream algal biomass via shifts in guild composition, richness, and evenness. <i>Ecology</i> , 2019, 100, e02831.	1.5	15
600	Recovery of the Velky Bolevecký pond (Plzen, Czech Republic) via biomanipulation â€“ Key study for management. <i>Ecological Engineering</i> , 2019, 136, 167-176.	1.6	8
601	The freshwater biome gradient framework: predicting macroscale properties based on latitude, altitude, and precipitation. <i>Ecosphere</i> , 2019, 10, e02786.	1.0	73
602	Contrasting exchanges of nitrogen and phosphorus across the sedimentâ€“water interface during the drying and re-inundation of littoral eutrophic sediment. <i>Environmental Pollution</i> , 2019, 255, 113356.	3.7	17
603	Modeling Decreased Resilience of Shallow Lake Ecosystems toward Eutrophication due to Microplastic Ingestion across the Food Web. <i>Environmental Science & Technology</i> , 2019, 53, 13822-13831.	4.6	41
604	Understanding and managing the re-eutrophication of Lake Erie: Knowledge gaps and research priorities. <i>Freshwater Science</i> , 2019, 38, 675-691.	0.9	51
605	A Generically Parameterized model of Lake eutrophication (GPLake) that links field-, lab- and model-based knowledge. <i>Science of the Total Environment</i> , 2019, 695, 133887.	3.9	11
606	Long-term trends in hypolimnetic volumes and dissolved oxygen concentrations in Boreal Shield lakes of south-central Ontario, Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 2315-2325.	0.7	8
608	Variation in phytoplankton pigment composition in relation to mixing conditions in temperate South-Central Chilean lakes. <i>Limnologia</i> , 2019, 79, 125715.	0.7	5
609	Status, trends, and future dynamics of freshwater ecosystems in Europe and Central Asia. <i>Inland Waters</i> , 2019, 9, 78-94.	1.1	52
610	Recovery trajectories following the reduction of urban nutrient inputs along the eutrophication gradient in French Mediterranean lagoons. <i>Ocean and Coastal Management</i> , 2019, 171, 1-10.	2.0	25
611	Phytoplankton functional composition shows higher seasonal variability in a large shallow lake after a eutrophic past. <i>Ecosphere</i> , 2019, 10, e02684.	1.0	11
612	A place in space - the horizontal vs vertical factors that influence zooplankton (Rotifera, Crustacea) communities in a mesotrophic lake. <i>Journal of Limnology</i> , 2019, 78, .	0.3	14

#	ARTICLE	IF	CITATIONS
613	Relationship between bream (<i>Abramis brama</i>) activity and water turbidity in a shallow lake under different season conditions. <i>Journal of Limnology</i> , 2019, 78, .	0.3	7
614	Reduced phosphorus loads from the Loire and Vilaine rivers were accompanied by increasing eutrophication in the Vilaine Bay (south Brittany, France). <i>Biogeosciences</i> , 2019, 16, 1361-1380.	1.3	24
615	Climate exerts a greater modulating effect on the phytoplankton community after 2007 in eutrophic Lake Taihu, China: Evidence from 25 years of recordings. <i>Ecological Indicators</i> , 2019, 105, 82-91.	2.6	36
616	Nitrogen in Water-Portugal and Denmark: Two Contrasting Realities. <i>Water (Switzerland)</i> , 2019, 11, 1114.	1.2	11
617	Effect of trophic status of a deep-water lake on breeding Great Crested Grebes (<i>Podiceps cristatus</i>) during a phase of recovery from eutrophication: a long-term study. <i>Bird Study</i> , 2019, 66, 1-10.	0.4	3
618	Nutrient management and structural shifts in fish assemblages: Lessons learned from an Area of Concern in Lake Ontario. <i>Freshwater Biology</i> , 2019, 64, 967-983.	1.2	8
619	Experimental test of abiotic and biotic factors driving restoration success of <i>Vallisneria americana</i> in the Lower Bay of Green Bay. <i>Journal of Great Lakes Research</i> , 2019, 45, 340-349.	0.8	3
620	A rule of hydrological regulating on nutritional status of Poyang Lake, since the operation of the Three Gorges Dam. <i>Ecological Indicators</i> , 2019, 104, 535-542.	2.6	28
621	Suspended matter and associated contaminants in Danish streams: a national analysis. <i>Journal of Soils and Sediments</i> , 2019, 19, 3068-3082.	1.5	5
622	To measure chlorophyll or phytoplankton biovolume: an aquatic conundrum with implications for the management of lakes. <i>Lake and Reservoir Management</i> , 2019, 35, 181-192.	0.4	8
623	High-resolution imaging of phosphorus mobilization and iron redox cycling in sediments from Honghu Lake, China. <i>Journal of Soils and Sediments</i> , 2019, 19, 3856-3865.	1.5	7
624	Assessment of lake eutrophication recovery: the filtering trajectory method (FTM) and its application to Dianchi Lake, China. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 360.	1.3	12
625	Long-Term Changes in the Zooplankton Community of Lake Maggiore in Response to Multiple Stressors: A Functional Principal Components Analysis. <i>Water (Switzerland)</i> , 2019, 11, 962.	1.2	9
626	The impacts of changing nutrient load and climate on a deep, eutrophic, monomictic lake. <i>Freshwater Biology</i> , 2019, 64, 1169-1182.	1.2	22
627	Impacts of increasing nitrogen:phosphorus ratios on zooplankton community composition and whitefish (<i>Coregonus macrophthalmus</i>) growth in a prealpine lake. <i>Freshwater Biology</i> , 2019, 64, 1210-1225.	1.2	13
628	Global warming affects nutrient upwelling in deep lakes. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	21
629	The relative importance of weather and nutrients determining phytoplankton assemblages differs between seasons in large Lake Taihu, China. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	30
630	Impact of eutrophication on root morphological and topological performance in free-floating invasive and native plant species. <i>Hydrobiologia</i> , 2019, 836, 123-139.	1.0	12

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631	Effects of catchment area and nutrient deposition regime on phytoplankton functionality in alpine lakes. <i>Science of the Total Environment</i> , 2019, 674, 114-127.	3.9	10
632	Conversion of Secondary Forests into Chestnut Forests Affects Soil Nutrients in Anji County, China. <i>Sustainability</i> , 2019, 11, 2373.	1.6	4
633	Future projections of temperature and mixing regime of European temperate lakes. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1533-1551.	1.9	69
634	Hydrological fluctuations modulate phototrophic responses to nutrient fertilization in a large and shallow lake of Southwest China. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	9
635	Fractionation trends of phosphorus associating with iron fractions: An explanation by the simultaneous extraction procedure. <i>Soil and Tillage Research</i> , 2019, 190, 41-49.	2.6	8
636	Multi-decadal trajectories of phosphorus loading, export, and instream retention along a catchment gradient. <i>Science of the Total Environment</i> , 2019, 667, 769-779.	3.9	19
637	Sediment potentially controls in-lake phosphorus cycling and harmful cyanobacteria in shallow, eutrophic Utah Lake. <i>PLoS ONE</i> , 2019, 14, e0212238.	1.1	50
638	Long-term effects of nutrient changes on rotifer communities in a subtropical lake. <i>Limnology</i> , 2019, 20, 191-201.	0.8	6
639	Response of phytoplankton from the metalimnetic chlorophyll maximum to macro- and micro-nutrients amendments in Lake Geneva. <i>Journal of Great Lakes Research</i> , 2019, 45, 290-299.	0.8	4
640	Benthic hotspots in the pelagic zone: Light and phosphate availability alter aggregates of microalgae and suspended particles in a shallow turbid lake. <i>Limnology and Oceanography</i> , 2019, 64, 585-596.	1.6	13
641	From clear lakes to murky waters – tracing the functional response of high-latitude lake communities to concurrent “greening” and “browning”. <i>Ecology Letters</i> , 2019, 22, 807-816.	3.0	58
642	Why Lake Taihu continues to be plagued with cyanobacterial blooms through 10+ years (2007–2017) efforts. <i>Science Bulletin</i> , 2019, 64, 354-356.	4.3	243
643	North German Lowland Lakes Miss Ecological Water Quality Standards – A Lake Type Specific Analysis. <i>Water (Switzerland)</i> , 2019, 11, 2547.	1.2	7
644	Nitrogen enrichment leads to changing fatty acid composition of phytoplankton and negatively affects zooplankton in a natural lake community. <i>Scientific Reports</i> , 2019, 9, 16805.	1.6	17
645	Investigation on the trends and characteristics of articles on submerged macrophytes: perception from bibliometrics between 1991 and 2018. <i>Journal of Freshwater Ecology</i> , 2019, 34, 703-713.	0.5	5
646	Fertilizer, landscape features and climate regulate phosphorus retention and river export in diverse Midwestern watersheds. <i>Biogeochemistry</i> , 2019, 146, 293-309.	1.7	21
647	Oxygen consumption in seasonally stratified lakes decreases only below a marginal phosphorus threshold. <i>Scientific Reports</i> , 2019, 9, 18054.	1.6	22
648	Calanoid copepod grazing affects plankton size structure and composition in a deep, large lake. <i>Journal of Plankton Research</i> , 2019, 41, 955-966.	0.8	10

#	ARTICLE	IF	CITATIONS
649	Cladoceran assemblage changes across the Eastern United States as recorded in the sediments from the 2007 National Lakes Assessment, USA. <i>Ecological Indicators</i> , 2019, 96, 368-382.	2.6	11
650	Decreased nitrogen loading controls summer cyanobacterial blooms without promoting nitrogen-fixing taxa: Long-term response of a shallow lake. <i>Limnology and Oceanography</i> , 2019, 64, S166.	1.6	63
651	Stressor-response relationships and the prospective management of aquatic ecosystems. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2019, 53, 489-512.	0.8	17
652	Spatial and temporal variation in nitrogen fixation and its importance to phytoplankton in phosphorus-rich lakes. <i>Freshwater Biology</i> , 2019, 64, 269-283.	1.2	39
653	Portuguese shallow eutrophic lakes: evaluation under the Water Framework Directive and possible physicochemical restoration measures. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2019, 4, 1.	0.6	5
654	Plankton community interactions in an Amazonian floodplain lake, from bacteria to zooplankton. <i>Hydrobiologia</i> , 2019, 831, 55-70.	1.0	14
655	Effects of changes in land use and climate on aquatic ecosystems: Coupling of models and decomposition of uncertainties. <i>Science of the Total Environment</i> , 2019, 657, 627-633.	3.9	48
656	Predicting internal phosphorus loading in stratified lakes. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	7
657	Effects of lake restoration on breeding abundance of globally declining common pochard (<i>Aythya Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>)	1.0	10
658	Spatial distribution of sediment nitrogen and phosphorus in Lake Taihu from a hydrodynamics-induced transport perspective. <i>Science of the Total Environment</i> , 2019, 650, 1554-1565.	3.9	118
659	Reconstruction of trophic state shifts over the past 90 years in a eutrophicated lake in western Switzerland, inferred from the sedimentary record of photosynthetic pigments. <i>Journal of Paleolimnology</i> , 2019, 61, 129-145.	0.8	12
660	Deriving nutrient criteria to support "good" ecological status in European lakes: An empirically based approach to linking ecology and management. <i>Science of the Total Environment</i> , 2019, 650, 2074-2084.	3.9	53
661	Management Options to Improve Water Quality in Lake Peipsi: Insights from Large Scale Models and Remote Sensing. <i>Water Resources Management</i> , 2020, 34, 2241-2254.	1.9	14
662	Selected Aspects of Lake Restorations in Poland. <i>Handbook of Environmental Chemistry</i> , 2020, , 327-352.	0.2	4
663	The Influence of Climate Change on the Restoration Trajectory of a Nutrient-Rich Deep Lake. <i>Ecosystems</i> , 2020, 23, 859-872.	1.6	4
664	Rapid plant responses following relocation of a constructed floating wetland from a construction site into an urban stormwater retention pond. <i>Science of the Total Environment</i> , 2020, 699, 134372.	3.9	22
665	Trophic State, Eutrophication, and the Threats for Water Quality of the Great Mazurian Lake System. <i>Handbook of Environmental Chemistry</i> , 2020, , 231-260.	0.2	10
666	Occurrence of total phosphorus in surface sediments of Chinese lakes and its driving factors and implications. <i>Journal of Hydrology</i> , 2020, 580, 124345.	2.3	16

#	ARTICLE	IF	CITATIONS
667	Mitigating eutrophication and toxic cyanobacterial blooms in large lakes: The evolution of a dual nutrient (N and P) reduction paradigm. <i>Hydrobiologia</i> , 2020, 847, 4359-4375.	1.0	100
668	Pollution reduction and operating cost analysis of municipal wastewater treatment in China and implication for future wastewater management. <i>Journal of Cleaner Production</i> , 2020, 253, 120003.	4.6	58
669	The influence of bioturbation and water column oxygenation on nutrient recycling in reservoir sediments. <i>Hydrobiologia</i> , 2020, 847, 1027-1040.	1.0	26
670	Seasonal variation in trophic structure and restoration effects in a deep perialpine lake (Lake Lugano, Italy). <i>Journal of Great Lakes Research</i> , 2020, 46, 107-114.	0.8	1
671	Distribution of nitrogen and phosphorus and estimation of nutrient fluxes in the water and sediments of Liangzi Lake, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7096-7104.	2.7	8
672	Evidence for the effects of land use on freshwater ecosystems in New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2020, 54, 551-591.	0.8	21
673	Relationships between breeding waterbird abundance, diversity, and clear water status after the restoration of two shallow nutrient-rich Danish lakes. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 237-245.	0.9	7
674	Influence of external loading and halocline on phosphorus release from sediment in an artificial tidal lake. <i>International Journal of Sediment Research</i> , 2020, 35, 146-156.	1.8	10
675	Eutrophication assessment of seasonal urban lakes in China Yangtze River Basin using Landsat 8-derived Forel-Ule index: A six-year (2013-2018) observation. <i>Science of the Total Environment</i> , 2020, 745, 135392.	3.9	58
676	Linking fisheries to land use: How anthropogenic inputs from the watershed shape fish habitat quality. <i>Science of the Total Environment</i> , 2020, 717, 135377.	3.9	27
677	Lake eutrophication recovery trajectories: Some recent findings and challenges ahead. <i>Ecological Indicators</i> , 2020, 110, 105878.	2.6	17
678	Eutrophic Lake Taihu as a significant CO ₂ source during 2000-2015. <i>Water Research</i> , 2020, 170, 115331.	5.3	85
679	Seasonal algal blooms support sediment release of phosphorus via positive feedback in a eutrophic lake: Insights from a nutrient flux tracking modeling. <i>Ecological Modelling</i> , 2020, 416, 108881.	1.2	34
680	Lake productivity and waterbird functional diversity across geographic and environmental gradients in temperate China. <i>Ecology and Evolution</i> , 2020, 10, 11237-11250.	0.8	4
681	Valuing non-market valuation studies using meta-analysis: A demonstration using estimates of willingness-to-pay for water quality improvements. <i>Journal of Environmental Economics and Management</i> , 2020, 104, 102379.	2.1	8
682	Effectiveness of dredging on internal phosphorus loading in a typical aquacultural lake. <i>Science of the Total Environment</i> , 2020, 744, 140883.	3.9	32
683	Preface: Restoration of eutrophic lakes: current practices and future challenges. <i>Hydrobiologia</i> , 2020, 847, 4343-4357.	1.0	36
684	Inland Waters. , 2020, , 293-360.		4

#	ARTICLE	IF	CITATIONS
685	Eutrophication and restoration in temperate lakes. IOP Conference Series: Earth and Environmental Science, 2020, 535, 012001.	0.2	2
686	A Dual Source of Phosphorus to Lake Sediments Indicated by Distribution, Content, and Speciation: Inle Lake (Southern Shan State, Myanmar). Water (Switzerland), 2020, 12, 1993.	1.2	11
687	Behavior of Aluminum Compounds in Soft-Water Lakes Subjected to Experimental Reclamation with Polyaluminum Chloride. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	7
688	Seasonal and long-term trends in the spatial heterogeneity of lake phytoplankton communities over two decades of restoration and climate change. Science of the Total Environment, 2020, 748, 141106.	3.9	8
689	Responses to local and global stressors in the large southern perialpine lakes: Present status and challenges for research and management. Journal of Great Lakes Research, 2020, 46, 752-766.	0.8	25
690	Development of Lake Vesijärvi through four decades of remediation efforts. Hydrobiologia, 2020, 847, 4601-4619.	1.0	8
691	Importance of accurately quantifying internal loading in developing phosphorus reduction strategies for a chain of shallow lakes. Lake and Reservoir Management, 2020, 36, 391-411.	0.4	7
692	Lake restoration influences nutritional quality of algae and consequently Daphnia biomass. Hydrobiologia, 2020, 847, 4539-4557.	1.0	6
693	Reply to Qin et al.: Consistency of monitoring data is key to explain the long-term nationwide trend of nutrients in lakes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21003-21004.	3.3	0
694	Patterns of Seasonal Stability of Lake Phytoplankton Mediated by Resource and Grazer Control During Two Decades of Re-oligotrophication. Ecosystems, 2021, 24, 911-925.	1.6	5
695	Oligotrophication of Lake Balaton over a 20-year period and its implications for the relationship between phytoplankton and zooplankton biomass. Hydrobiologia, 2020, 847, 3999-4013.	1.0	14
696	The Long-Term and Retention Impacts of the Intervention Policy for Cage Aquaculture on the Reservoir Water Qualities in Northern China. Water (Switzerland), 2020, 12, 3325.	1.2	6
697	Post-soviet changes in nitrogen and phosphorus stoichiometry in two large non-stratified lakes and the impact on phytoplankton. Global Ecology and Conservation, 2020, 24, e01369.	1.0	6
698	Decades needed for ecosystem components to respond to a sharp and drastic phosphorus load reduction. Hydrobiologia, 2020, 847, 4621-4651.	1.0	27
699	Using structural equation modeling to better understand microcystis biovolume dynamics in a mediterranean hypereutrophic reservoir. Ecological Modelling, 2020, 435, 109282.	1.2	7
700	Revisiting the total maximum daily load total phosphorus goal in Lake Okeechobee. Hydrobiologia, 2020, 847, 4221-4232.	1.0	5
701	Predicting ecosystem state changes in shallow lakes using an aquatic ecosystem model: Lake Hinge, Denmark, an example. Ecological Applications, 2020, 30, e02160.	1.8	33
702	Cyanobacteria in inland waters: new monitoring, reporting, modelling and ecological research. Marine and Freshwater Research, 2020, 71, i.	0.7	3

#	ARTICLE	IF	CITATIONS
703	Novel Composite Materials for Lake Restoration: A New Approach Impacting on Ecology and Circular Economy. Sustainability, 2020, 12, 3397.	1.6	34
704	Spatiotemporal changes and drivers of trophic status over three decades in the largest shallow lake in Central Europe, Lake Balaton. Ecological Engineering, 2020, 151, 105861.	1.6	16
705	Assessing seasonal nitrogen export to large tropical lakes. Science of the Total Environment, 2020, 731, 139199.	3.9	22
706	Effects of Diversity, Coverage and Biomass of Submerged Macrophytes on Nutrient Concentrations, Water Clarity and Phytoplankton Biomass in Two Restored Shallow Lakes. Water (Switzerland), 2020, 12, 1425.	1.2	14
707	Effects of climate and land-use changes on fish catches across lakes at a global scale. Nature Communications, 2020, 11, 2526.	5.8	28
708	The potential persistence of abundant submerged macrophyte and phytoplankton in a shallow system at very high nutrients loading: results from a mesocosm study. Environmental Science and Pollution Research, 2020, 27, 29384-29390.	2.7	1
709	Scientists's Warning to Humanity: Rapid degradation of the world's large lakes. Journal of Great Lakes Research, 2020, 46, 686-702.	0.8	140
710	Changes in Sedimentary Phosphorus Burial Following Artificial Eutrophication of Lake 227, Experimental Lakes Area, Ontario, Canada. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005713.	1.3	23
711	Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems. Nature Ecology and Evolution, 2020, 4, 1060-1068.	3.4	336
712	Physical properties of inland lakes and their interaction with global warming: A case study of Lake Nasser, Egypt. Egyptian Journal of Aquatic Research, 2020, 46, 103-115.	1.0	16
713	Invasive submerged macrophytes complicate management of a shallow boreal lake: a 42-year history of monitoring and restoration attempts in Littoistenjärvi, SW Finland. Hydrobiologia, 2020, 847, 4575-4599.	1.0	12
714	Nutrient retention by the littoral vegetation of a large lake: Can Lake Ohrid cope with current and future loading?. Limnology and Oceanography, 2020, 65, 2390-2402.	1.6	7
715	Grazing resistance and poor food quality of a widespread mixotroph impair zooplankton secondary production. Oecologia, 2020, 193, 489-502.	0.9	13
716	Model simulations of the ecological dynamics induced by climate and nutrient load changes for deep subalpine Lake Maggiore (Italy/Switzerland). Journal of Limnology, 2020, 79, .	0.3	6
717	Seasonal succession of functional traits in phytoplankton communities and their interaction with trophic state. Journal of Ecology, 2020, 108, 1649-1663.	1.9	33
718	A Multidisciplinary Approach for Restoration Ecology of Shallow Coastal Lagoons, a Case Study in South France. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	21
719	Sediment internal nutrient loading in the most polluted area of a shallow eutrophic lake (Lake Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 114292.	3.7	145
720	Dynamics of harmful cyanobacterial blooms and their toxins: environmental and human health perspectives and management strategies. , 2020, , 301-317.		2

#	ARTICLE	IF	CITATIONS
721	How Do Eutrophication and Temperature Interact to Shape the Community Structures of Phytoplankton and Fish in Lakes?. <i>Water (Switzerland)</i> , 2020, 12, 779.	1.2	19
722	Resilience of aquatic systems: Review and management implications. <i>Aquatic Sciences</i> , 2020, 82, 1-44.	0.6	29
723	Long-term effects of fish biomanipulation and macrophyte management on zooplankton functional diversity and production in a temperate shallow lake. <i>Limnology</i> , 2020, 21, 305-317.	0.8	13
724	Storm impacts on phytoplankton community dynamics in lakes. <i>Global Change Biology</i> , 2020, 26, 2756-2784.	4.2	144
725	Using stable nitrogen isotopes to reproduce the process of the impact of human activities on the lakes in the Yunnan Guizhou Plateau in the past 150–200 years. <i>Science of the Total Environment</i> , 2020, 741, 140191.	3.9	15
726	Ontogenetic and interpopulation differences in otolith shape of the European perch (<i>Perca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	0.9	14
727	Internal phosphorus loading due to sediment anoxia in shallow areas: implications for lake aeration treatments. <i>Aquatic Sciences</i> , 2020, 82, 1.	0.6	18
728	Two decades of oligotrophication: Evidence for a phytoplankton community shift in the coastal lagoon of Thau (Mediterranean Sea, France). <i>Estuarine, Coastal and Shelf Science</i> , 2020, 241, 106810.	0.9	36
729	Suppressing Cyanobacteria with Hydrogen Peroxide Is More Effective at High Light Intensities. <i>Toxins</i> , 2020, 12, 18.	1.5	37
730	Unabated Nitrogen Pollution Favors Growth of Toxic Cyanobacteria over Chlorophytes in Most Hypereutrophic Lakes. <i>Environmental Science & Technology</i> , 2020, 54, 3219-3227.	4.6	42
731	An Assessment of the Performance of the PLUS+ Tool in Supporting the Evaluation of Water Framework Directive Compliance in Scottish Standing Waters. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 391.	1.2	3
732	A Bibliometric Analysis of Microalgae Research in the World, Europe, and the European Atlantic Area. <i>Marine Drugs</i> , 2020, 18, 79.	2.2	34
733	Does external phosphorus loading diminish the effect of sediment dredging on internal phosphorus loading? An in-situ simulation study. <i>Journal of Hazardous Materials</i> , 2020, 394, 122548.	6.5	40
734	Development of a fish-based index for the assessment of the ecological status of Lake Balaton in the absence of present day reference condition. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2020, , 11.	0.5	5
735	Long-term changes in littoral fish community structure and resilience of total catch to re-oligotrophication in a large, peri-Alpine European lake. <i>Freshwater Biology</i> , 2020, 65, 1325-1336.	1.2	7
736	Paleolimnological assessment of long-term changes in a boreal recreational lake of the Fermont mining region (subarctic Quebec, Canada). <i>Lake and Reservoir Management</i> , 2020, 36, 314-334.	0.4	5
737	Influence of historical landscape on aquatic plant diversity. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	7
738	Phytoplankton and anthropogenic changes in pelagic environments. <i>Hydrobiologia</i> , 2021, 848, 251-284.	1.0	24

#	ARTICLE	IF	CITATIONS
739	Key roles of the crystal structures of MgO-biochar nanocomposites for enhancing phosphate adsorption. <i>Science of the Total Environment</i> , 2021, 766, 142618.	3.9	48
740	Long-term regional nutrient contributions and in-lake water quality trends for Lake Okeechobee. <i>Lake and Reservoir Management</i> , 2021, 37, 77-94.	0.4	11
741	Contrasting trajectories in macrophyte community development after shoreline restoration: water level obscures trends. <i>Aquatic Botany</i> , 2021, 169, 103327.	0.8	4
742	Contrasting effects and mode of dredging and in situ adsorbent amendment for the control of sediment internal phosphorus loading in eutrophic lakes. <i>Water Research</i> , 2021, 189, 116644.	5.3	58
743	Coupling between sediment biogeochemistry and phytoplankton development in a temperate freshwater marsh (Charente-Maritime, France): Evidence of temporal pattern. <i>Water Research</i> , 2021, 189, 116567.	5.3	8
744	Spatiotemporal differences in phosphorus release potential of bloom-forming cyanobacteria in Lake Taihu. <i>Environmental Pollution</i> , 2021, 271, 116294.	3.7	17
745	Effects of phosphorus control on primary productivity and deep-water oxygenation: insights from Lake Lugano (Switzerland and Italy). <i>Hydrobiologia</i> , 2021, 848, 613-629.	1.0	9
746	Lake warming intensifies the seasonal pattern of internal nutrient cycling in the eutrophic lake and potential impacts on algal blooms. <i>Water Research</i> , 2021, 188, 116570.	5.3	57
747	Ecological dynamics of a peri-urban lake: a multi-proxy paleolimnological study of Cultus Lake (British Columbia). <i>Journal of Great Lakes Research</i> , 2021, 47, 103327.	0.8	6
748	What Colin Reynolds could tell us about nutrient limitation, N:P ratios and eutrophication control. <i>Hydrobiologia</i> , 2021, 848, 95-111.	1.0	52
749	The application of stressor-response relationships in the management of lake eutrophication. <i>Inland Waters</i> , 2021, 11, 1-12.	1.1	8
750	Chemical Lake Restoration Methods: From Alum to Innovative Composite Materials. , 2021, , 101-143.		0
751	Lake restoration time of Lake Taibai (China): a case study based on paleolimnology and ecosystem modeling. <i>Journal of Paleolimnology</i> , 2022, 68, 25-38.	0.8	6
752	Management Strategies for Lake Restoration. , 2021, , 69-100.		0
753	Effect of juvenile omnibenthivorous fish (<i>Carassius carassius</i>) disturbance on the efficiency of lanthanum-modified bentonite (LMB) for eutrophication control: a mesocosm study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 21779-21788.	2.7	4
754	The adsorption efficiency of nitrogen and phosphorus by in-situ remediation of modified sediment composite material. <i>Water Science and Technology</i> , 2021, 83, 922-933.	1.2	2
755	Sediment phosphorus fractionation and flux in a tropical shallow lake. <i>Acta Limnologica Brasiliensia</i> , 2021, 33, .	0.4	4
756	Management implications of long transients in ecological systems. <i>Nature Ecology and Evolution</i> , 2021, 5, 285-294.	3.4	44

#	ARTICLE	IF	CITATIONS
757	Macrophytes. , 2022, , 14-25.		3
758	Effect of <i>Pomacea canaliculata</i> grazing on three submerged macrophytes and the related physicochemical factors. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2021, 33, 1241-1253.	0.3	1
759	Internal phosphorus loading potential of a semiarid reservoir: an experimental study. <i>Acta Limnologica Brasiliensia</i> , 0, 33, .	0.4	12
760	Abundance of mixoplanktonic algae in relation to prey, light and nutrient limitation in a dystrophic lake: a mesocosm study. <i>Marine and Freshwater Research</i> , 2021, , .	0.7	1
762	Long-term dynamics of photosynthetic pigments in plankton of a large plains reservoir. <i>Biosystems Diversity</i> , 2021, 29, 10-16.	0.2	4
763	Metadata standards and practical guidelines for specimen and DNA curation when building barcode reference libraries for aquatic life. <i>Metabarcoding and Metagenomics</i> , 0, 5, .	0.0	29
764	Phosphorous Supply to a Eutrophic Artificial Lake: Sedimentary versus Groundwater Sources. <i>Water (Switzerland)</i> , 2021, 13, 563.	1.2	6
765	Landscape Setting Drives the Microbial Eukaryotic Community Structure in Four Swedish Mountain Lakes over the Holocene. <i>Microorganisms</i> , 2021, 9, 355.	1.6	8
766	Contributions of external nutrient loading and internal cycling to cyanobacterial bloom dynamics in Lake Taihu, China: Implications for nutrient management. <i>Limnology and Oceanography</i> , 2021, 66, 1492-1509.	1.6	86
767	Changes in Pelagic Fish Community Composition, Abundance, and Biomass along a Productivity Gradient in Subtropical Lakes. <i>Water (Switzerland)</i> , 2021, 13, 858.	1.2	15
768	Assessing Impacts of Changes in External Nutrient Loadings on a Temperate Chinese Drinking Water Reservoir. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	3
769	Assessing multiple stressor effects to inform climate change management responses in three European catchments. <i>Inland Waters</i> , 2022, 12, 94-106.	1.1	7
770	Spatial and environmental factors contributing to phytoplankton biogeography and biodiversity in mountain ponds across a large geographic area. <i>Aquatic Ecology</i> , 2021, 55, 721-735.	0.7	8
771	Setting the Phosphorus Boundaries for Greek Natural Shallow and Deep Lakes for Water Framework Directive Compliance. <i>Water (Switzerland)</i> , 2021, 13, 739.	1.2	7
772	Understanding the occurrence of cyanobacteria and cyanotoxins. , 2021, , 213-294.		13
773	Effects of nitrate on phosphorus release from lake sediments. <i>Water Research</i> , 2021, 194, 116894.	5.3	57
774	Human impact and ecosystemic health at Lake Baikal. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1528.	2.8	17
775	Suppression of bloom-forming colonial cyanobacteria by phosphate precipitation: A 30-year case study in Lake Barleber (Germany). <i>Ecological Engineering</i> , 2021, 162, 106171.	1.6	15

#	ARTICLE	IF	CITATIONS
776	Does the Kis-Balaton Water Protection System (KBWPS) Effectively Safeguard Lake Balaton from Toxic Cyanobacterial Blooms?. <i>Microorganisms</i> , 2021, 9, 960.	1.6	4
777	Increased extreme rains intensify erosional nitrogen and phosphorus fluxes to the northern Gulf of Mexico in recent decades. <i>Environmental Research Letters</i> , 2021, 16, 054080.	2.2	12
778	Is the Cyanobacterial Bloom Composition Shifting Due to Climate Forcing or Nutrient Changes? Example of a Shallow Eutrophic Reservoir. <i>Toxins</i> , 2021, 13, 351.	1.5	10
779	Making waves. Bridging theory and practice towards multiple stressor management in freshwater ecosystems. <i>Water Research</i> , 2021, 196, 116981.	5.3	32
780	Integrating resilience with functional ecosystem measures: A novel paradigm for management decisions under multiple stressor interplay in freshwater ecosystems. <i>Global Change Biology</i> , 2021, 27, 3699-3717.	4.2	17
781	Quantitative Proteomic and Microcystin Production Response of <i>Microcystis aeruginosa</i> to Phosphorus Depletion. <i>Microorganisms</i> , 2021, 9, 1183.	1.6	16
782	Multi-decadal improvement in US Lake water clarity. <i>Environmental Research Letters</i> , 2021, 16, 055025.	2.2	27
783	High Iron Requirements for Growth in the Nuisance Alga <i>Gonyostomum semen</i> (Raphidophyceae). <i>Journal of Phycology</i> , 2021, 57, 1309-1322.	1.0	6
784	Phosphorus in the shallow, urban lake subjected to restoration - case study of Lake Domowe DuÅ¼e in Szcztyno. <i>Limnological Review</i> , 2021, 21, 73-79.	0.5	0
785	Synergistic impacts of nutrient enrichment and climate change on long-term water quality and ecological dynamics in contrasting shallow lake zones. <i>Limnology and Oceanography</i> , 2021, 66, 3271-3286.	1.6	32
786	Evaluating sedimentary DNA for tracing changes in cyanobacteria dynamics from sediments spanning the last 350 years of Lake Tiefer See, NE Germany. <i>Journal of Paleolimnology</i> , 2021, 66, 279-296.	0.8	9
787	Coupling effects of hydrological characteristics and nutrient load in sediments on the trophic state of reservoirs. <i>Acta Geochimica</i> , 2021, 40, 640-649.	0.7	2
788	Lakes restoration approaches. <i>Limnological Review</i> , 2021, 21, 105-118.	0.5	7
789	Lake Erie tributary nutrient trend evaluation: Normalizing concentrations and loads to reduce flow variability. <i>Ecological Indicators</i> , 2021, 125, 107601.	2.6	10
790	Resuspension traps for the removal of nutrients and algae from the sediments of shallow lakes. <i>Journal of Soils and Sediments</i> , 2021, 21, 3451-3465.	1.5	5
791	Copepods as environmental indicator in lakes: special focus on changes in the proportion of calanoids along nutrient and pH gradients. <i>Aquatic Ecology</i> , 2021, 55, 1241-1252.	0.7	6
792	Effect of the structural complexity of aquatic macrophytes on epiphytic algal, macroinvertebrates, and their interspecific relationships. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	4
794	Resilience of Microbial Communities after Hydrogen Peroxide Treatment of a Eutrophic Lake to Suppress Harmful Cyanobacterial Blooms. <i>Microorganisms</i> , 2021, 9, 1495.	1.6	20

#	ARTICLE	IF	CITATIONS
795	Simulating Diurnal Variations of Water Temperature and Dissolved Oxygen in Shallow Minnesota Lakes. <i>Water (Switzerland)</i> , 2021, 13, 1980.	1.2	5
796	Simulating Nutrients and Phytoplankton Dynamics in Lakes: Model Development and Applications. <i>Water (Switzerland)</i> , 2021, 13, 2088.	1.2	13
797	Shifted dynamics of plankton communities in a restored lake: exploring the effects of climate change on phenology through four decades. <i>Climate Research</i> , 2022, 86, 125-143.	0.4	5
798	Timescale of reduction of long-term phosphorus release from sediment in lakes. <i>Water Research</i> , 2021, 200, 117283.	5.3	14
799	Abiotic and biotic drivers of temporal dynamics in the spatial heterogeneity of zooplankton communities across lakes in recovery from eutrophication. <i>Science of the Total Environment</i> , 2021, 778, 146368.	3.9	9
800	Lake management: is prevention better than cure?. <i>Inland Waters</i> , 2022, 12, 173-186.	1.1	12
801	Effects of Lanthanum Modified Bentonite and Polyaluminium Chloride on the Environmental Variables in the Water and Sediment Phosphorus Form in Lake Yanglan, China. <i>Water (Switzerland)</i> , 2021, 13, 1947.	1.2	4
802	Effects of Sediments Phosphorus Inactivation on the Life Strategies of <i>Myriophyllum spicatum</i> : Implications for Lake Restoration. <i>Water (Switzerland)</i> , 2021, 13, 2112.	1.2	3
803	Advancing estuarine ecological forecasts: seasonal hypoxia in Chesapeake Bay. <i>Ecological Applications</i> , 2021, 31, e02384.	1.8	13
804	Remediation of contaminated urban river sediment based to iron-rich substrate: A comparative study with chemical oxidants. <i>Environmental Technology and Innovation</i> , 2021, 23, 101793.	3.0	4
805	Phosphorus concentrations into a subtropical lake strongly influence nitrogen accumulation, nitrogen export, and Chl a concentrations. <i>Hydrobiologia</i> , 2021, 848, 4787-4800.	1.0	1
806	Tropical macrophytes promote phytoplankton community shifts in lake mesocosms: relevance for lake restoration in warm climates. <i>Hydrobiologia</i> , 2021, 848, 4861-4884.	1.0	6
807	Consequences of changing water clarity on the fish and fisheries of the Laurentian Great Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 1524-1542.	0.7	18
808	Internal phosphorus recycling promotes rich and complex dynamics in an algae-phosphorus model: Implications for eutrophication management. <i>Journal of Theoretical Biology</i> , 2022, 532, 110913.	0.8	11
809	Cyanobacteria and Cyanotoxins in a Changing Environment: Concepts, Controversies, Challenges. <i>Water (Switzerland)</i> , 2021, 13, 2463.	1.2	50
810	Novel simulation of aqueous total nitrogen and phosphorus concentrations in Taihu Lake with machine learning. <i>Environmental Research</i> , 2022, 204, 111940.	3.7	16
811	Ecological engineering in a eutrophic lake: A case study of large aquatic macrophyte enclosures in Baima Lake, China. <i>Limnologia</i> , 2021, 90, 125907.	0.7	3
812	Impacts of storm events on chlorophyll-a variations and controlling factors for algal bloom in a river receiving reclaimed water. <i>Journal of Environmental Management</i> , 2021, 297, 113376.	3.8	15

#	ARTICLE	IF	CITATIONS
813	Inclusion of slow infiltration in determining the influence time of saline sediments on reservoir water. <i>Journal of Hydrology</i> , 2021, 603, 126853.	2.3	0
814	Contrasting effect of lanthanum hydroxide and lanthanum carbonate treatments on phosphorus mobilization in sediment. <i>Chemical Engineering Journal</i> , 2022, 427, 132021.	6.6	38
815	European fish-based assessment reveals high diversity of systems for determining ecological status of lakes. <i>Science of the Total Environment</i> , 2022, 802, 149620.	3.9	17
816	Biogenic Elements and Their Significance in the Development of Phytoplankton in Reservoirs of the Upper Volga. <i>Inland Water Biology</i> , 2021, 14, 32-42.	0.2	10
817	Diverse drivers of phytoplankton dynamics in different phyla across the annual cycle in a freshwater lake. <i>Journal of Freshwater Ecology</i> , 2021, 36, 13-29.	0.5	7
818	Watershed management strategies to prevent and control cyanobacterial harmful algal blooms. <i>Advances in Experimental Medicine and Biology</i> , 2008, 619, 259-273.	0.8	4
819	Lake Restoration. <i>Encyclopedia of Earth Sciences Series</i> , 2012, , 455-458.	0.1	3
820	Restoration of shallow lakes by nutrient control and biomanipulation—the successful strategy varies with lake size and climate. , 2007, , 269-285.		5
821	Shallow lake restoration by nutrient loading reduction—some recent findings and challenges ahead. , 2007, , 239-252.		17
822	Reaction of large and shallow lakes Peipsi and Võrtsjärv to the changes of nutrient loading. , 2007, , 253-264.		2
823	The importance of drawdown and sediment removal for the restoration of the eutrophied shallow lake Kraenepoel (Belgium). , 2007, , 291-303.		1
824	State of the art in the functioning of shallow Mediterranean lakes: workshop conclusions. , 2007, , 317-326.		20
825	Low-Oxygen Lifestyles. , 2015, , 9-33.		13
827	Eutrophication and the macroscope. , 2009, , 5-19.		15
828	Modeling eutrophication and oligotrophication of shallow-water marine systems: the importance of sediments under stratified and well-mixed conditions. , 2009, , 239-254.		10
829	Long-Term Ecological Research in Freshwater Ecosystems. , 2010, , 179-187.		2
830	Temperature modulated effects of nutrients on phytoplankton changes in a mountain lake. , 2012, , 61-75.		2
831	Photoautotrophic Productivity in Eutrophic Ecosystems. , 2014, , 99-109.		3

#	ARTICLE	IF	CITATIONS
832	Decreasing nitrogen loading and climate change promotes the occurrence of nitrogen-fixing cyanobacteria in a restored city lake. <i>Hydrobiologia</i> , 2020, 847, 2963-2975.	1.0	5
833	A bibliometric review of nitrogen research in eutrophic lakes and reservoirs. <i>Journal of Environmental Sciences</i> , 2018, 66, 274-285.	3.2	34
834	Diatoms as indicators of environmental change in shallow lakes. , 2010, , 152-173.		39
835	Long-term wind induced internal response mechanisms at Meiliang Bay of large, shallow Lake Taihu. <i>Annales De Limnologie</i> , 2020, 56, 1.	0.6	5
836	Intrinsic processes causing periodic changes in stability in a shallow biomanipulated lake. <i>Marine and Freshwater Research</i> , 2011, 62, 197.	0.7	4
837	Patchy distribution of phyto- and zooplankton in large and shallow lagoon under ice cover and resulting trophic interactions. <i>Marine and Freshwater Research</i> , 2020, 71, 1327.	0.7	8
838	Meeting ecological restoration targets in European waters: a challenge for animal agriculture.. , 2007, , 185-203.		6
839	Restoring shallow lakes impaired by eutrophication: Approaches, outcomes, and challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1199-1246.	6.6	39
840	Climate warming restructures an aquatic food web over 28 years. <i>Global Change Biology</i> , 2020, 26, 6852-6866.	4.2	31
841	Projecting the Impact of Regional Land-Use Change and Water Management Policies on Lake Water Quality: An Application to Periurban Lakes and Reservoirs. <i>PLoS ONE</i> , 2013, 8, e72227.	1.1	15
842	Long-Term Citizen-Collected Data Reveal Geographical Patterns and Temporal Trends in Lake Water Clarity. <i>PLoS ONE</i> , 2014, 9, e95769.	1.1	74
843	Effects of Nutrients, Temperature and Their Interactions on Spring Phytoplankton Community Succession in Lake Taihu, China. <i>PLoS ONE</i> , 2014, 9, e113960.	1.1	76
844	Quantitative Proteomics Reveals Ecophysiological Effects of Light and Silver Stress on the Mixotrophic Protist <i>Potterioochromonas malhamensis</i> . <i>PLoS ONE</i> , 2017, 12, e0168183.	1.1	8
845	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
846	Garças Reservoir trophic state dynamics: a 20-year synthesis. <i>Hoehnea (revista)</i> , 0, 47, .	0.2	5
848	Ecological restoration engineering in Lake Wuli, Lake Taihu: a large enclosure experiment. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2006, 18, 139-149.	0.3	9
849	Internal phosphorus loadings and fluxes of surface sediments in four seasons in Shanzi Reservoir. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2014, 26, 871-878.	0.3	4
850	Effects of Lanthanum modified bentonite on the water phosphorus concentration and sediment phosphorus form in a shallow eutrophic lake. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2019, 31, 1219-1228.	0.3	1

#	ARTICLE	IF	CITATIONS
851	Variations and Spurious Correlations Related to DIN, DIP, TN, TP, DIN/DIP and TN/TP in Lakes, Rivers, and Marine Systems. <i>The Open Marine Biology Journal</i> , 2009, 3, 28-35.	0.3	2
852	Parameterisation of sediment geochemistry for simulating water quality responses to long-term catchment and climate changes in polymictic, eutrophic Lake Rotorua, New Zealand. , 2012, , .		3
853	Temporal and spatial variation in the zooplankton : phytoplankton biomass ratio in a large shallow lake. <i>Estonian Journal of Ecology</i> , 2010, 59, 99.	0.5	11
854	Influence of nutrients and light on autotrophic, mixotrophic and heterotrophic freshwater chrysophytes. <i>Aquatic Microbial Ecology</i> , 2013, 71, 179-191.	0.9	43
855	Molecular investigation of protistan diversity along an elevation transect of alpine lakes. <i>Aquatic Microbial Ecology</i> , 2016, 78, 25-37.	0.9	17
856	Phytoplankton strategies to exploit nutrients in coastal lagoons with different eutrophication status during re-oligotrophication. <i>Aquatic Microbial Ecology</i> , 2019, 83, 131-146.	0.9	9
857	Recruitment of the Pacific oyster <i>Crassostrea gigas</i> in a shellfish-exploited Mediterranean lagoon: discovery, driving factors and a favorable environmental window. <i>Marine Ecology - Progress Series</i> , 2017, 578, 1-17.	0.9	19
858	Trophic environments influence size at metamorphosis and recruitment performance of Pacific oysters. <i>Marine Ecology - Progress Series</i> , 2018, 602, 135-153.	0.9	18
859	Eutrophication and Phytoplankton Community Structure of a Shallow Urban Lake: Xinhua Lake, South China*. <i>Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology</i> , 2009, 2009, 153-160.	0.1	1
860	Human Impacts on Lacustrine Ecosystems. , 2012, , 47-70.		9
861	Climate Change and Eutrophication: A Short Review. <i>Engineering, Technology & Applied Science Research</i> , 2018, 8, 3668-3672.	0.8	100
862	Multi-temporal assessment of bio-physical parameters in lakes Garda and Trasimeno from MODIS and MERIS. <i>European Journal of Remote Sensing</i> , 0, , 49-62.	0.2	5
863	Adsorption-Release Characteristics of Phosphorus and the Community of Phosphorus Accumulating Organisms of Sediments in a Shallow Lake. <i>Sustainability</i> , 2021, 13, 11501.	1.6	4
864	Seasonal Water Quality and Algal Responses to Monsoon-Mediated Nutrient Enrichment, Flow Regime, Drought, and Flood in a Drinking Water Reservoir. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10714.	1.2	3
865	Phosphorus status and retention capacity of wetlands in south region of Taihu Basin, China. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2009, 21, 53-60.	0.3	0
866	Water quality of Loch Leven: responses to enrichment, restoration and climate change. , 2011, , 35-47.		0
867	Historical changes (1905â€“2005) in external phosphorus loads to Loch Leven, Scotland, UK. , 2011, , 11-21.		0
868	Long-term variation and regulation of internal phosphorus loading in Loch Leven. , 2011, , 23-33.		0

#	ARTICLE	IF	CITATIONS
869	Catchment land use and trophic state impacts on phytoplankton composition: a case study from the Rotorua lakesâ€™ district, New Zealand. , 2012, , 133-146.		2
870	Natural stochasticity vs. management effort: use of year-to-year variance for disentangling significance of two mutually confounding factors affecting water quality of a Norwegian cold dimictic lake. Hydrology and Earth System Sciences Discussions, 2014, 11, 12489-12518.	0.0	0
871	Uptake of dissolved nitrogen by phytoplankton in spring in Huguangyan Maar Lake. Hupo Kexue/Journal of Lake Sciences, 2015, 27, 527-534.	0.3	1
872	Anoxia, Hypoxia, And Dead Zones. Encyclopedia of Earth Sciences Series, 2016, , 19-29.	0.1	7
873	Variations of <i>Anabaena</i> in the transition levels between river-and lake-type of Lake Poyang. Hupo Kexue/Journal of Lake Sciences, 2016, 28, 566-574.	0.3	1
874	Effect of Climate Change through Temperature Increase on Heavy Metals Concentrations in Water and Sediment of Ekpan Creek, Delta State, Nigeria. Advances in Research, 2017, 10, 1-16.	0.3	2
875	Effectiveness of Lake Remediation towards Water Quality: Application in Varsity Lake, University of Malaya, Kuala Lumpur. Sains Malaysiana, 2017, 46, 1221-1229.	0.3	3
876	Physical and chemical methods for control of cyanobacterial blooms in water bodies: a review. Regional Ecology, 2018, 53, 39.	0.1	1
877	Phytoplankton community structure and trophic status evaluation in Dajiuwu wetland of Shennongjia Alpine. Hupo Kexue/Journal of Lake Sciences, 2018, 30, 417-430.	0.3	1
878	Spatial and temporal distribution of alkaline phosphatase encoding genes in suspended particulates in Lake Taihu. Hupo Kexue/Journal of Lake Sciences, 2019, 31, 1368-1378.	0.3	1
879	Effect of Nutrient Loads on Upper Trophic Level Species in Lake Biwa: Analysis Using Food Chain Model by Monte Carlo Method. Journal of Japan Society on Water Environment, 2019, 42, 133-143.	0.1	0
882	Lake Eutrophication: Causes, Concerns and Remedial Measures. Springer Transactions in Civil and Environmental Engineering, 2020, , 211-222.	0.3	2
883	A unified dataset of colocated sewage pollution, periphyton, and benthic macroinvertebrate community and food web structure from Lake Baikal (Siberia). Limnology and Oceanography Letters, 0, , .	1.6	5
885	A critical review on operation and performance of source water control strategies for cyanobacterial blooms: Part I-chemical control methods. Harmful Algae, 2021, 109, 102099.	2.2	19
886	Role of forest ditching and agriculture on water quality: Connecting the long-term physico-chemical subsurface state of lakes with landscape and habitat structure information. Science of the Total Environment, 2022, 806, 151477.	3.9	13
887	Fluorescence Behavior of Phytoplankton Blooms by Time-Correlated Single-Photon Counting (TCSPC). , 0, , .		0
889	Linking human activities and global climatic oscillation to phytoplankton dynamics in a subtropical lake. Water Research, 2022, 208, 117866.	5.3	23
890	Ecosystem models indicate zooplankton biomass response to nutrient input and climate warming is related to lake size. Ecological Modelling, 2022, 464, 109837.	1.2	5

#	ARTICLE	IF	CITATIONS
891	Atmospheric Stilling Promotes Summer Algal Growth in Eutrophic Shallow Lakes. <i>Biology</i> , 2021, 10, 1222.	1.3	1
892	Marked blue discoloration of late winter ice and water due to autumn blooms of cyanobacteria. <i>Lake and Reservoir Management</i> , 2022, 38, 1-15.	0.4	7
893	Response of cyanobacterial bloom risk to nitrogen and phosphorus concentrations in large shallow lakes determined through geographical detector: A case study of Taihu Lake, China. <i>Science of the Total Environment</i> , 2022, 816, 151617.	3.9	26
894	Warming combined with experimental eutrophication intensifies lake phytoplankton blooms. <i>Limnology and Oceanography</i> , 2022, 67, 147-158.	1.6	25
895	Expected climate change impacts on surface water bodies in Lithuania. <i>Ecohydrology and Hydrobiology</i> , 2022, 22, 246-268.	1.0	12
896	Submerged macrophytes in Danish lakes: impact of morphological and chemical factors on abundance and species richness. <i>Hydrobiologia</i> , 0, , 1.	1.0	5
897	Temporal changes in nutrients in a deep oligomictic lake: the role of external loads & internal processes. <i>Journal of Limnology</i> , 2021, 80, .	0.3	13
898	Tendencias del fitoplancton en el lago de la Albufera de Valencia e implicaciones para su ecología, gestión y recuperación. , 2008, 27, 11-28.		27
899	Phytoplankton Growth and Nutrients. , 2021, , .		1
900	Enhanced phosphate removal by zero valent iron activated through oxidants from water: batch and breakthrough experiments. <i>RSC Advances</i> , 2021, 11, 39879-39887.	1.7	5
901	Restoration from eutrophication in interconnected reservoirs: Using a model approach to assess the propagation of water quality improvements downstream along a cascade system. <i>Environmental Modelling and Software</i> , 2022, 149, 105308.	1.9	6
903	Phosphorus fractions and their availability in the sediments of eight tropical semiarid reservoirs. <i>Journal of Soils and Sediments</i> , 2022, 22, 982-993.	1.5	6
904	Windows into the past: lake sediment phosphorus trajectories act as integrated archives of watershed disturbance legacies over centennial scales. <i>Environmental Research Letters</i> , 2022, 17, 034005.	2.2	5
905	Temporal dependence of chlorophyll “nutrient relationships in Lake Taihu: Drivers and management implications. <i>Journal of Environmental Management</i> , 2022, 306, 114476.	3.8	25
906	Evidence of temperature-controlled dissolved inorganic nitrogen distribution in a shallow lake. <i>Journal of Environmental Sciences</i> , 2022, 122, 105-114.	3.2	7
907	Research On the Characteristics of Sediment and the Release Law of Nitrogen and Phosphorus Pollutants in Landscape Lake. <i>Journal of Physics: Conference Series</i> , 2022, 2186, 012026.	0.3	2
908	Decadal biodiversity trends in rivers reveal recent community rearrangements. <i>Science of the Total Environment</i> , 2022, 823, 153431.	3.9	7
909	Evaluation of the Potential Release Risk of Internal N and P from Sediments—A Preliminary Study in Two Freshwater Reservoirs in South China. <i>Water (Switzerland)</i> , 2022, 14, 664.	1.2	2

#	ARTICLE	IF	CITATIONS
910	Acid-volatile sulfide and acid-extractable iron sediment profiles do not track changes in lake trophic status and atmospheric sulfur deposition. <i>Journal of Paleolimnology</i> , 0, , 1.	0.8	0
911	Phytoplankton responses to repeated pulse perturbations imposed on a trend of increasing eutrophication. <i>Ecology and Evolution</i> , 2022, 12, e8675.	0.8	6
912	Eutrophication evolution trajectory influenced by human activities and climate in the shallow Lake Gehu, China. <i>Ecological Indicators</i> , 2022, 138, 108821.	2.6	15
913	Estimating nutrient thresholds for eutrophication management: Novel insights from understudied lake types. <i>Science of the Total Environment</i> , 2022, 827, 154242.	3.9	27
914	Sediment phosphorus mobility in VÄurtsjÄrv, a large shallow lake: Insights from phosphorus sorption experiments and long-term monitoring. <i>Science of the Total Environment</i> , 2022, 829, 154572.	3.9	14
915	Relative contributions of different sources to DOM in Erhai Lake as revealed by PLS-PM. <i>Chemosphere</i> , 2022, 299, 134377.	4.2	18
916	Periphyton responses to nitrogen decline and warming in eutrophic shallow lake mesocosms. <i>Hydrobiologia</i> , 0, , 1.	1.0	2
917	The role of humic substances in sediment phosphorus release in northern lakes. <i>Science of the Total Environment</i> , 2022, 833, 155257.	3.9	14
923	Taxonomic and functional spatial distribution model of phytoplankton in tropical cascading reservoirs. <i>Revista Brasileira De Botanica</i> , 0, , .	0.5	2
924	Groundwater conditions the effectiveness of surface water diversion in the remediation of the eutrophicated volcanic lake of Furnas, Azores archipelago. <i>Science of the Total Environment</i> , 2022, 837, 155789.	3.9	5
925	Production and transformation of organic matter driven by algal blooms in a shallow lake: Role of sediments. <i>Water Research</i> , 2022, 219, 118560.	5.3	21
926	Microeukaryotic Community Shifting Along a Lentic-Lotic Continuum. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	1
927	Spatial and temporal patterns of benthic nutrient cycling define the extensive role of internal loading in an agriculturally influenced oxbow lake. <i>Biogeochemistry</i> , 2022, 159, 413-433.	1.7	4
928	Can top-down effects of planktivorous fish removal be used to mitigate cyanobacterial blooms in large subtropical highland lakes?. <i>Water Research</i> , 2022, 218, 118483.	5.3	12
929	Reducing nutrient increases diatom biomass in a subtropical eutrophic lake, Chinaâ€Do the ammonium concentration and nitrate to ammonium ratio play a role?. <i>Water Research</i> , 2022, 218, 118493.	5.3	13
930	Nearshore fish assemblage dynamics in southern Lake Michigan: 1984â€2016. <i>Journal of Great Lakes Research</i> , 2022, 48, 1067-1078.	0.8	1
931	Passage of Phosphorus-free Lawn Fertilizer Laws by U.S. States. <i>Journal of Natural Resources Policy Research</i> , 2018, 8, 66-88.	0.4	6
932	RÃle de lâ™histoire du paysage sur la diversitÃ© des macrophytes dans les lacs du littoral Aquitain. <i>Dynamiques Environnementales</i> , 2019, , 32-51.	0.0	0

#	ARTICLE	IF	CITATIONS
933	Water Quality Profits by the Submerged Macrophyte Community Consisting of Multi-Functional Groups with Rich Species. SSRN Electronic Journal, 0, , .	0.4	0
934	Seasonal Shifts in the Morphological Traits of Bloom-Forming Cyanobacteria in Lake Chaohu, China. Diversity, 2022, 14, 435.	0.7	2
935	Responses of Different Submerged Macrophytes to the Application of Lanthanum-Modified Bentonite (LMB): A Mesocosm Study. Water (Switzerland), 2022, 14, 1783.	1.2	0
936	Estimation of inward nutrient flux from offshore into semi-enclosed sea (Tokyo Bay, Japan) based on in-situ data. Estuarine, Coastal and Shelf Science, 2022, , 107930.	0.9	5
937	Imbalance of global nutrient cycles exacerbated by the greater retention of phosphorus over nitrogen in lakes. Nature Geoscience, 2022, 15, 464-468.	5.4	35
938	Nutrients and Bioactive Compounds in Seafood: Quantitative Literature Research Analysis. Fishes, 2022, 7, 132.	0.7	6
939	A hybrid empirical and parametric approach for managing ecosystem complexity: Water quality in Lake Geneva under nonstationary futures. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	7
940	Chlorophyll and Its Role in Freshwater Ecosystem on the Example of the Volga River Reservoirs. , 0, , .		5
941	Nutrient sources and loads in the River Derwent catchment, Tasmania. Australasian Journal of Environmental Management, 0, , 1-18.	0.6	0
942	Six decades of field observations reveal how anthropogenic pressure changes the coverage and community of submerged aquatic vegetation in a eutrophic lake. Science of the Total Environment, 2022, 842, 156878.	3.9	15
943	Response of algal biomass and macrophyte communities to internal or external nutrient loading. Environmental Monitoring and Assessment, 2022, 194, .	1.3	4
944	Bioavailability of Colloidal Iron to Heterotrophic Bacteria in Sediments, and Effects on the Mobility of Colloid-Associated Metal(loid)s. Minerals (Basel, Switzerland), 2022, 12, 812.	0.8	4
945	Recovery targets and timescales for Lough Neagh and other lakes. Water Research, 2022, 222, 118858.	5.3	3
946	Dynamiques Écologiques des lacs du littoral aquitain â€“ physico-chimie du lac de Parentis-Biscarrosse. Dynamiques Environnementales, 2019, , 225-243.	0.0	0
947	Clockwise hysteresis of diatoms in response to nutrient dynamics during eutrophication and recovery. Limnology and Oceanography, 0, , .	1.6	3
948	Regime shifts, trends, and variability of lake productivity at a global scale. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	31
949	Patterns of internal nitrogen and phosphorus loadings in a cascade reservoir with a large water level gradient: Effects of reservoir operation and water depth. Journal of Environmental Management, 2022, 320, 115884.	3.8	8
950	Simulating shifting ecological states in a restored, shallow lake with multiple single-model ensembles: Lake Arreskov, Denmark. Environmental Modelling and Software, 2022, 156, 105501.	1.9	5

#	ARTICLE	IF	CITATIONS
951	Water quality profits by the submerged macrophyte community consisting of multi-functional species-rich groups. <i>Science of the Total Environment</i> , 2022, 850, 157847.	3.9	7
952	Comprehensive analysis of the migration and transformation of nutrients between sediment and overlying water in complex habitat systems. <i>Science of the Total Environment</i> , 2022, 852, 158433.	3.9	10
953	Cyanotoxins Associated with Macrophytes in Berlin (Germany) Water Bodies – Occurrence and Risk Assessment. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
954	Iron (hydr)oxides mediated immobilization and interaction of dissolved organic matter and inorganic phosphate: A review. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2022, 34, 1428-1440.	0.3	0
955	The Emergent Integrated Constructed Wetland-Reservoir (CW-R) Is Being Challenged by 2-Methylisoborneol Episode – A Case Study in Yanlonghu CW-R. <i>Water (Switzerland)</i> , 2022, 14, 2670.	1.2	1
956	Reoligotrophication of a High-Nitrogen Reservoir with Phosphorus Removal and Implications for Management. <i>Water (Switzerland)</i> , 2022, 14, 2629.	1.2	1
958	Assessing the role of internal phosphorus recycling on eutrophication in four lakes in China and Malaysia. <i>Ecological Informatics</i> , 2022, 72, 101830.	2.3	7
959	Effects of spatially heterogeneous lakeside development on nearshore biotic communities in a large, deep, oligotrophic lake. <i>Limnology and Oceanography</i> , 2022, 67, 2649-2664.	1.6	4
962	A 34-year survey under phosphorus decline and warming: Consequences on stoichiometry and functional trait composition of freshwater macroinvertebrate communities. <i>Science of the Total Environment</i> , 2023, 858, 159786.	3.9	4
963	Combining bathymetric measurements, RS, and GIS technologies for monitoring the inland water basins: A case study of Toshka Lakes, Egypt. <i>Egyptian Journal of Aquatic Research</i> , 2023, 49, 1-8.	1.0	3
964	Worldwide moderate-resolution mapping of lake surface chl-a reveals variable responses to global change (1997–2020)., 2022, 1, e0000051.		9
965	Past anthropogenic activities offset dissolved inorganic phosphorus retention in the Mississippi River basin. <i>Biogeochemistry</i> , 2022, 161, 157-169.	1.7	3
966	A meta-analysis of environmental responses to freshwater ecosystem restoration in China (1987–2018). <i>Environmental Pollution</i> , 2022, , 120589.	3.7	1
967	Improving estimates of phosphorus loads using hierarchical models. <i>Journal of Hydrology</i> , 2022, 614, 128558.	2.3	0
968	Cyanotoxins associated with macrophytes in Berlin (Germany) water bodies – Occurrence and risk assessment. <i>Science of the Total Environment</i> , 2023, 858, 159433.	3.9	3
969	Sand Mining and its Effect, Causes of Concern for Zooplankton: A Case Study from Kishanganj, Bihar, India. <i>Journal of Ecophysiology and Occupational Health</i> , 0, , 155-161.	0.1	2
970	Disentangling the effects of climate change and reoligotrophication on primary production in a large lake. <i>Aquatic Sciences</i> , 2023, 85, .	0.6	1
971	Nutrients and not temperature are the key drivers for cyanobacterial biomass in the Americas. <i>Harmful Algae</i> , 2023, 121, 102367.	2.2	21

#	ARTICLE	IF	CITATIONS
972	Mechanism of cyanobacterial bloom control by magnetic lanthanum-based material. <i>Science of the Total Environment</i> , 2023, 861, 160603.	3.9	1
973	Too ill to cure? “ An uncertainty-based probabilistic model assessment on one of China’s most eutrophic lakes. <i>Journal of Environmental Management</i> , 2023, 328, 116916.	3.8	1
974	Drivers of planktonic chlorophyll a in pampean shallow lakes. <i>Ecological Indicators</i> , 2023, 146, 109834.	2.6	1
975	Abiotic Factors and Their Role in Phytoplankton Development in Reservoirs of the Middle Volga River, Russia. <i>Inland Water Biology</i> , 2022, 15, 729-739.	0.2	3
976	Agricultural conservation practices could help offset climate change impacts on cyanobacterial harmful algal blooms in Lake Erie. <i>Journal of Great Lakes Research</i> , 2023, 49, 209-219.	0.8	3
977	Response of internal phosphorus loading from dredged and inactivated sediment under repeated resuspension in a eutrophic shallow lake. <i>Science of the Total Environment</i> , 2023, 868, 161653.	3.9	9
978	Synergistic warming- and catchment-driven mid-Holocene cyanobacterial development: Pigment evidence from shallow eutrophic Lake Mayinghai on the Chinese Loess Plateau. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
979	The effect of single versus dual nutrient decreases on phytoplankton growth rates, community composition, and Microcystin concentration in the western basin of Lake Erie. <i>Harmful Algae</i> , 2023, 123, 102382.	2.2	8
980	Periodic variations of phosphorus migration and transformation in a eutrophic lake of China: The role of algae bloom and collapse. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	1
981	Water quality outcomes of wetland restoration depend on hydroperiod rather than restoration strategy. <i>Freshwater Science</i> , 0, , .	0.9	0
982	Primary production modeling identifies restoration targets for shifting shallow, eutrophic lakes to clear-water regimes. <i>Freshwater Science</i> , 2023, 42, 44-57.	0.9	1
983	Evaluation of the distribution and mobility of labile phosphorus in sediment profiles of Lake Nansi, the largest eutrophic freshwater lake in northern China. <i>Chemosphere</i> , 2023, 315, 137756.	4.2	5
984	Algal community structure prediction by machine learning. <i>Environmental Science and Ecotechnology</i> , 2023, 14, 100233.	6.7	11
985	Interactive Effects of Nutrients and Salinity on Phytoplankton in Subtropical Plateau Lakes of Contrasting Water Depths. <i>Water (Switzerland)</i> , 2023, 15, 69.	1.2	3
986	Synergistic effects of climate warming and atmospheric nutrient deposition on the alpine lake ecosystem in the south-eastern Tibetan Plateau during the Anthropocene. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	0
987	Development of phytoplankton of Lake Vesijärvi during recovery from eutrophication. <i>Hydrobiologia</i> , 2023, 850, 947-966.	1.0	1
988	Improvement in water pollution control alters nutrient stoichiometry of Guanting Reservoir near Beijing, North China. <i>Environmental Science and Pollution Research</i> , 2023, 30, 45924-45935.	2.7	0
989	Bimodality and alternative equilibria do not help explain long-term patterns in shallow lake chlorophyll-a. <i>Nature Communications</i> , 2023, 14, .	5.8	13

#	ARTICLE	IF	CITATIONS
991	Sudden eutrophication of an aluminum sulphate treated lake due to abrupt increase of internal phosphorus loading after three decades of mesotrophy. <i>Water Research</i> , 2023, 235, 119824.	5.3	14
992	The evolution of a typical plateau lake from macrophyte to algae leads to the imbalance of nutrient retention. <i>Water Research</i> , 2023, 236, 119937.	5.3	3
993	Monsoon-induced response of algal chlorophyll to trophic state, light availability, and morphometry in 293 temperate reservoirs. <i>Journal of Environmental Management</i> , 2023, 337, 117737.	3.8	8
994	Long-term trends in inflowing chlorophyll <i>a</i> and nutrients and their relation to dissolved oxygen in a large western reservoir. <i>Lake and Reservoir Management</i> , 2023, 39, 53-71.	0.4	3
995	Modeling lake recovery lag times following influent phosphorus loading reduction. <i>Environmental Modelling and Software</i> , 2023, 162, 105642.	1.9	3
997	Natural and Anthropogenic Lakes. , 2023, , 235-264.		0
998	Mesotrophy is not enough: Re-assessing phosphorus objectives for the restoration of a deep Alpine lake (Lake Lugano, Switzerland and Italy). <i>Advances in Oceanography and Limnology</i> , 2022, 13, .	0.2	0
999	The spatio-temporal distribution of alkaline phosphatase activity and phoD gene abundance and diversity in sediment of Sancha Lake. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
1000	Trends in Lake Erie zooplankton biomass and community structure during a 25-year period of rapid environmental change. <i>Journal of Great Lakes Research</i> , 2023, 49, 685-697.	0.8	2
1001	Nutrients and Saltwater Exchange as Drivers of Environmental Change in a Danish Brackish Coastal Lake over the Past 100 Years. <i>Water (Switzerland)</i> , 2023, 15, 1116.	1.2	3
1002	Disruption of ecological networks in lakes by climate change and nutrient fluctuations. <i>Nature Climate Change</i> , 2023, 13, 389-396.	8.1	12
1003	Epipelton biomass responses to different restoration techniques in a eutrophic environment. <i>Environmental Management</i> , 2023, 72, 505-518.	1.2	1
1004	Double-edged effects of anthropogenic activities on lake ecological dynamics in northern China: Evidence from palaeolimnology and ecosystem modelling. <i>Freshwater Biology</i> , 2023, 68, 940-955.	1.2	1
1005	Trophic state resilience to hurricane disturbance of Lake Yojoa, Honduras. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
1006	Nutrient reduction mitigated the expansion of cyanobacterial blooms caused by climate change in Lake Taihu according to Bayesian network models. <i>Water Research</i> , 2023, 236, 119946.	5.3	8
1017	Harmful algal blooms. , 2023, , 9-53.		0
1020	Wigry Lake: The Cradle of Polish Hydrobiology - a Century of Limnological Exploration. , 0, , .		0
1041	Inland Waters: The Future of Limnology is Interdisciplinary, Collaborative, Inclusive, and Global. , 2024, , 1045-1061.		0

#	ARTICLE	IF	CITATIONS
1060	Nitrogen cycle and its effect on phytoplankton community structure. , 2024, , 315-324.		0
1074	Algae from Secondary Endosymbiosis. , 2024, , 219-383.		0