Erik Jeppesen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2654216/publications.pdf

Version: 2024-02-01

		2215	3915
587	42,229	99	177
papers	citations	h-index	g-index

596	596	596	21405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alternative equilibria in shallow lakes. Trends in Ecology and Evolution, 1993, 8, 275-279.	8.7	2,235
2	Role of sediment and internal loading of phosphorus in shallow lakes. Hydrobiologia, 2003, 506-509, 135-145.	2.0	1,160
3	Lake responses to reduced nutrient loading - an analysis of contemporary long-term data from 35 case studies. Freshwater Biology, 2005, 50, 1747-1771.	2.4	1,080
4	Ecological Dynamics Across the Arctic Associated with Recent Climate Change. Science, 2009, 325, 1355-1358.	12.6	1,043
5	Trophic structure, species richness and biodiversity in Danish lakes: changes along a phosphorus gradient. Freshwater Biology, 2000, 45, 201-218.	2.4	788
6	Warmer climates boost cyanobacterial dominance in shallow lakes. Global Change Biology, 2012, 18, 118-126.	9.5	663
7	Beyond the Plankton Ecology Group (PEG) Model: Mechanisms Driving Plankton Succession. Annual Review of Ecology, Evolution, and Systematics, 2012, 43, 429-448.	8.3	604
8	Allied attack: climate change and eutrophication. Inland Waters, 2011, 1, 101-105.	2.2	548
9	From Greenland to green lakes: Cultural eutrophication and the loss of benthic pathways in lakes. Limnology and Oceanography, 2003, 48, 1408-1418.	3.1	513
10	Title is missing!. Hydrobiologia, 1997, 342/343, 151-164.	2.0	508
11	Climate Change Effects on Runoff, Catchment Phosphorus Loading and Lake Ecological State, and Potential Adaptations. Journal of Environmental Quality, 2009, 38, 1930-1941.	2.0	502
12	Lake restoration: successes, failures and longâ€term effects. Journal of Applied Ecology, 2007, 44, 1095-1105.	4.0	458
13	Phosphorus release from resuspended sediment in the shallow and wind-exposed Lake Arresï¿½, Denmark. Hydrobiologia, 1992, 228, 91-99.	2.0	403
14	The power of species sorting: Local factors drive bacterial community composition over a wide range of spatial scales. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20404-20409.	7.1	395
15	Impact of submerged macrophytes on fish-zooplanl phytoplankton interactions: large-scale enclosure experiments in a shallow eutrophic lake. Freshwater Biology, 1995, 33, 255-270.	2.4	385
16	Minireview: Biomanipulation as an Application of Food-Chain Theory: Constraints, Synthesis, and Recommendations for Temperate Lakes. Ecosystems, 1998, 1, 558-574.	3.4	374
17	Impacts of climate warming on lake fish community structure and potential effects on ecosystem function. Hydrobiologia, 2010, 646, 73-90.	2.0	371
18	Ecological impacts of global warming and water abstraction on lakes and reservoirs due to changes in water level and related changes in salinity. Hydrobiologia, 2015, 750, 201-227.	2.0	355

#	Article	IF	Citations
19	Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems. Nature Ecology and Evolution, 2020, 4, 1060-1068.	7.8	336
20	Diel horizontal migration of zooplankton: costs and benefits of inhabiting the littoral. Freshwater Biology, 2002, 47, 343-365.	2.4	323
21	Small habitat size and isolation can promote species richness: second-order effects on biodiversity in shallow lakes and ponds. Oikos, 2006, 112, 227-231.	2.7	320
22	Retention and Internal Loading of Phosphorus in Shallow, Eutrophic Lakes. Scientific World Journal, The, 2001, 1, 427-442.	2.1	301
23	Impact of Nutrients and Physical Factors on the Shift from Cyanobacterial to Chlorophyte Dominance in Shallow Danish Lakes. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 1692-1699.	1.4	294
24	Zooplankton as indicators in lakes: a scientific-based plea for including zooplankton in the ecological quality assessment of lakes according to the European Water Framework Directive (WFD). Hydrobiologia, 2011, 676, 279-297.	2.0	292
25	Shallow lake restoration by nutrient loading reductionâ€"some recent findings and challenges ahead. Hydrobiologia, 2007, 584, 239-252.	2.0	275
26	The determination of ecological status in shallow lakes - a tested system (ECOFRAME) for implementation of the European Water Framework Directive. Aquatic Conservation: Marine and Freshwater Ecosystems, 2003, 13, 507-549.	2.0	266
27	Nutrient pressures and ecological responses to nutrient loading reductions in Danish streams, lakes and coastal waters. Journal of Hydrology, 2005, 304, 274-288.	5.4	264
28	Plankton dynamics under different climatic conditions in space and time. Freshwater Biology, 2013, 58, 463-482.	2.4	259
29	The Impact of Nutrient State and Lake Depth on Top-down Control in the Pelagic Zone of Lakes: A Study of 466 Lakes from the Temperate Zone to the Arctic. Ecosystems, 2003, 6, 313-325.	3.4	251
30	Global loss of aquatic vegetation in lakes. Earth-Science Reviews, 2017, 173, 259-265.	9.1	249
31	Can warm climateâ€related structure of littoral predator assemblies weaken the clear water state in shallow lakes?. Global Change Biology, 2007, 13, 1888-1897.	9.5	248
32	Effects of habitat complexity on community structure and predator avoidance behaviour of littoral zooplankton in temperate versus subtropical shallow lakes. Freshwater Biology, 2007, 52, 1009-1021.	2.4	245
33	Why Lake Taihu continues to be plagued with cyanobacterial blooms through 10â€¯years (2007â€"2017) efforts. Science Bulletin, 2019, 64, 354-356.	9.0	243
34	Climate change effects on nitrogen loading from cultivated catchments in Europe: implications for nitrogen retention, ecological state of lakes and adaptation. Hydrobiologia, 2011, 663, 1-21.	2.0	242
35	Mesocosm Experiments as a Tool for Ecological Climate-Change Research. Advances in Ecological Research, 2013, 48, 71-181.	2.7	237
36	Climate change impacts on lakes: an integrated ecological perspective based on a multi-faceted approach, with special focus on shallow lakes. Journal of Limnology, 2014, 73, .	1.1	235

#	Article	IF	Citations
37	Managing aquatic ecosystems and water resources under multiple stress â€" An introduction to the MARS project. Science of the Total Environment, 2015, 503-504, 10-21.	8.0	231
38	Water Framework Directive: ecological classification of Danish lakes. Journal of Applied Ecology, 2005, 42, 616-629.	4.0	227
39	Impacts of climate warming on the long-term dynamics of key fish species in 24 European lakes. Hydrobiologia, 2012, 694, 1-39.	2.0	226
40	Persistent internal phosphorus loading during summer in shallow eutrophic lakes. Hydrobiologia, 2013, 710, 95-107.	2.0	219
41	Regime Shifts in Shallow Lakes. Ecosystems, 2007, 10, 1-3.	3.4	218
42	Internal phosphorus loading in shallow Danish lakes. Hydrobiologia, 1999, 408/409, 145-152.	2.0	216
43	Biomanipulation as a Restoration Tool to Combat Eutrophication. Advances in Ecological Research, 2012, 47, 411-488.	2.7	211
44	Challenges and opportunities for integrating lake ecosystem modelling approaches. Aquatic Ecology, 2010, 44, 633-667.	1.5	208
45	Submerged macrophytes as indicators of the ecological quality of lakes. Freshwater Biology, 2010, 55, 893-908.	2.4	202
46	MULTI-GROUP BIODIVERSITY IN SHALLOW LAKES ALONG GRADIENTS OF PHOSPHORUS AND WATER PLANT COVER. Ecology, 2005, 86, 1905-1915.	3.2	198
47	Functional ecology and palaeolimnology: using cladoceran remains to reconstruct anthropogenic impact. Trends in Ecology and Evolution, 2001, 16, 191-198.	8.7	196
48	Low shifts in salinity determined assembly processes and network stability of microeukaryotic plankton communities in a subtropical urban reservoir. Microbiome, 2021, 9, 128.	11.1	191
49	Pond or lake: does it make any difference?. Archiv FÃ¼r Hydrobiologie, 2005, 162, 143-165.	1.1	190
50	Resuspension in a shallow eutrophic lake. Hydrobiologia, 1992, 228, 101-109.	2.0	189
51	The role of climate in shaping zooplankton communities of shallow lakes. Limnology and Oceanography, 2005, 50, 2008-2021.	3.1	179
52	The importance of macrophyte bed size for cladoceran composition and horizontal migration in a shallow lake. Journal of Plankton Research, 1996, 18, 2283-2294.	1.8	174
53	Significant fraction of CO2 emissions from boreal lakes derived from hydrologic inorganic carbonÂinputs. Nature Geoscience, 2015, 8, 933-936.	12.9	171
54	Hydrological and water quality impact assessment of a Mediterranean limno-reservoir under climate change and land use management scenarios. Journal of Hydrology, 2014, 509, 354-366.	5.4	168

#	Article	IF	Citations
55	Paleolimnological evidence of the effects on lakes of energy and mass transfer from climate and humans. Limnology and Oceanography, 2009, 54, 2330-2348.	3.1	163
56	Environmental Warming in Shallow Lakes. Advances in Ecological Research, 2012, 46, 259-349.	2.7	161
57	Lake Restoration by Fish Removal: Short- and Long-Term Effects in 36 Danish Lakes. Ecosystems, 2008, 11, 1291-1305.	3.4	160
58	High predation is of key importance for dominance of small-bodied zooplankton in warm shallow lakes: evidence from lakes, fish exclosures and surface sediments. Hydrobiologia, 2011, 667, 133-147.	2.0	156
59	Nitrogen, macrophytes, shallow lakes and nutrient limitation: resolution of a current controversy?. Hydrobiologia, 2013, 710, 3-21.	2.0	156
60	Combined effects of climate models, hydrological model structures and land use scenarios on hydrological impacts of climate change. Journal of Hydrology, 2016, 535, 301-317.	5.4	156
61	Predicting the effects of climate change on trophic status of three morphologically varying lakes: Implications for lake restoration and management. Environmental Modelling and Software, 2011, 26, 354-370.	4.5	155
62	Temporal dynamics in epipelic, pelagic and epiphytic algal production in a clear and a turbid shallow lake. Freshwater Biology, 2003, 48, 418-431.	2.4	153
63	Anthropogenic impacts on lake and stream ecosystems, and approaches to restoration. Journal of Applied Ecology, 2007, 44, 1089-1094.	4.0	148
64	Factors influencing zooplankton size structure at contrasting temperatures in coastal shallow lakes: Implications for effects of climate change. Limnology and Oceanography, 2010, 55, 1697-1711.	3.1	148
65	Impact of Submerged Macrophytes on Fish-Zooplankton Interactions in Lakes. Ecological Studies, 1998, , 91-114.	1.2	147
66	Does high nitrogen loading prevent clear-water conditions in shallow lakes at moderately high phosphorus concentrations?. Freshwater Biology, 2005, 50, 27-41.	2.4	146
67	Combining palaeolimnological and limnological approaches in assessing lake ecosystem response to nutrient reduction. Freshwater Biology, 2005, 50, 1772-1780.	2.4	144
68	Translating Regime Shifts in Shallow Lakes into Changes in Ecosystem Functions and Services. BioScience, 2017, 67, 928-936.	4.9	144
69	Substantial differences in littoral fish community structure and dynamics in subtropical and temperate shallow lakes. Freshwater Biology, 2009, 54, 1202-1215.	2.4	143
70	Cascading Trophic Interactions from Fish to Bacteria and Nutrients after Reduced Sewage Loading: An 18-Year Study of a Shallow Hypertrophic Lake. Ecosystems, 1998, 1, 250-267.	3.4	140
71	Hatching of cladoceran resting eggs: temperature and photoperiod. Freshwater Biology, 2005, 50, 96-104.	2.4	140
72	Improving water quality in China: Environmental investment pays dividends. Water Research, 2017, 118, 152-159.	11.3	140

#	Article	IF	Citations
73	Scientistsâ€™ Warning to Humanity: Rapid degradation of the worldâ€™s large lakes. Journal of Great Lakes Research, 2020, 46, 686-702.	1.9	140
74	Primary Consumer Stable Nitrogen Isotopes as Indicators of Nutrient Source. Environmental Science & Technology, 2005, 39, 7509-7515.	10.0	139
75	Littoral zone structures as Daphnia refugia against fish predators. Limnology and Oceanography, 2001, 46, 230-237.	3.1	137
76	Watershed land use effects on lake water quality in Denmark. Ecological Applications, 2012, 22, 1187-1200.	3.8	136
77	Successful restoration of a tropical shallow eutrophic lake: Strong bottom-up but weak top-down effects recorded. Water Research, 2018, 146, 88-97.	11.3	136
78	Eutrophication effects on greenhouse gas fluxes from shallowâ€lake mesocosms override those of climate warming. Global Change Biology, 2015, 21, 4449-4463.	9.5	132
79	Top-down control in freshwater lakes: the role of nutrient state, submerged macrophytes and water depth. , 1997, , 151-164.		131
80	Phosphorus fractions and profiles in the sediment of shallow Danish lakes as related to phosphorus load, sediment composition and lake chemistry. Water Research, 1996, 30, 992-1002.	11.3	130
81	Synergy between nutrients and warming enhances methane ebullition from experimental lakes. Nature Climate Change, 2018, 8, 156-160.	18.8	130
82	The impact of grazing waterfowl on submerged macrophytes: In situ experiments in a shallow eutrophic lake. Aquatic Botany, 1996, 53, 73-84.	1.6	125
83	Climateâ€related differences in the dominance of submerged macrophytes in shallow lakes. Global Change Biology, 2009, 15, 2503-2517.	9.5	125
84	Nitrogen or phosphorus limitation in lakes and its impact on phytoplankton biomass and submerged macrophyte cover. Hydrobiologia, 2017, 795, 35-48.	2.0	124
85	Ecological status assessment of European lakes: a comparison of metrics for phytoplankton, macrophytes, benthic invertebrates and fish. Hydrobiologia, 2013, 704, 57-74.	2.0	123
86	Meta-analysis Shows a Consistent and Strong Latitudinal Pattern in Fish Omnivory Across Ecosystems. Ecosystems, 2012, 15, 492-503.	3.4	121
87	Growth of macrophytes and ecosystem consequences in a lowland Danish stream. Freshwater Biology, 1989, 22, 15-32.	2.4	119
88	Title is missing!. Hydrobiologia, 1999, 408/409, 217-231.	2.0	118
89	Trophic structure in the pelagial of 25 shallow New Zealand lakes: changes along nutrient and fish gradients. Journal of Plankton Research, 2000, 22, 951-968.	1.8	118
90	Colonization of submerged macrophytes in shallow fish manipulated Lake VÃ¦ng: impact of sediment composition and waterfowl grazing. Aquatic Botany, 1993, 46, 1-15.	1.6	115

#	Article	IF	Citations
91	Seasonal response of nutrients to reduced phosphorus loading in 12 Danish lakes. Freshwater Biology, 2005, 50, 1605-1615.	2.4	114
92	Fish diversity in <scp>E</scp>uropean lakes: geographical factors dominate over anthropogenic pressures. Freshwater Biology, 2013, 58, 1779-1793.	2.4	113
93	Modelling of seasonal variation in nitrogen retention and in-lake concentration: A four-year mass balance study in 16 shallow Danish lakes. Biogeochemistry, 1996, 33, 25.	3.5	112
94	Response of fish and plankton to nutrient loading reduction in eight shallow Danish lakes with special emphasis on seasonal dynamics. Freshwater Biology, 2005, 50, 1616-1627.	2.4	110
95	An experimental study of habitat choice by Daphnia: plants signal danger more than refuge in subtropical lakes. Freshwater Biology, 2006, 51, 1320-1330.	2.4	110
96	Salinity Induced Regime Shift in Shallow Brackish Lagoons. Ecosystems, 2007, 10, 48-58.	3.4	110
97	Inflow rate-driven changes in the composition and dynamics of chromophoric dissolved organic matter in a large drinking water lake. Water Research, 2016, 100, 211-221.	11.3	110
98	Lake and catchment management in Denmark. Hydrobiologia, 1999, 395/396, 419-432.	2.0	109
99	Climatically-modulated decline in wind speed may strongly affect eutrophication in shallow lakes. Science of the Total Environment, 2018, 645, 1361-1370.	8.0	109
100	CONTROLS OF ALGAL ABUNDANCE AND COMMUNITY COMPOSITION DURING ECOSYSTEM STATE CHANGE. Ecology, 2005, 86, 2200-2211.	3.2	107
101	Reconstructing the past density of planktivorous fish and trophic structure from sedimentary zooplankton fossils: a surface sediment calibration data set from shallow lakes. Freshwater Biology, 1996, 36, 115-127.	2.4	102
102	Resource aromaticity affects bacterial community successions in response to different sources of dissolved organic matter. Water Research, 2021, 190, 116776.	11.3	101
103	Impact of fish predation on cladoceran body weight distribution and zooplankton grazing in lakes during winter. Freshwater Biology, 2004, 49, 432-447.	2.4	100
104	How autochthonous dissolved organic matter responds to eutrophication and climate warming: Evidence from a cross-continental data analysis and experiments. Earth-Science Reviews, 2018, 185, 928-937.	9.1	98
105	Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. Aquatic Ecology, 2015, 49, 513-548.	1.5	97
106	Modeling the effects of climatic and land use changes on phytoplankton and water quality of the largest Turkish freshwater lake: Lake BeyÄŸehir. Science of the Total Environment, 2018, 621, 802-816.	8.0	97
107	Response of Submerged Macrophyte Communities to External and Internal Restoration Measures in North Temperate Shallow Lakes. Frontiers in Plant Science, 2018, 9, 194.	3.6	97
108	The impact of metazooplankton on the structure of the microbial food web in a shallow, hypertrophic lake. Journal of Plankton Research, 2000, 22, 1047-1070.	1.8	95

#	Article	IF	Citations
109	Freshwater salinisation: a research agenda for a saltier world. Trends in Ecology and Evolution, 2022, 37, 440-453.	8.7	93
110	Subfossil Cladocera in relation to contemporary environmental variables in 54 Panâ€European lakes. Freshwater Biology, 2009, 54, 2401-2417.	2.4	92
111	The role of uncertainty in climate change adaptation strategiesâ€"A Danish water management example. Mitigation and Adaptation Strategies for Global Change, 2013, 18, 337-359.	2.1	92
112	Lake and watershed characteristics rather than climate influence nutrient limitation in shallow lakes. Ecological Applications, 2009, 19, 1791-1804.	3.8	91
113	Sediment accumulation rates in European lakes since AD 1850: trends, reference conditions and exceedence. Journal of Paleolimnology, 2011, 45, 447-468.	1.6	91
114	Response of phytoplankton, zooplankton, and fish to re-oligotrophication: An 11 year study of 23 Danish lakes. Aquatic Ecosystem Health and Management, 2002, 5, 31-43.	0.6	90
115	Different responses of functional traits and diversity of stream macroinvertebrates to environmental and spatial factors in the Xishuangbanna watershed of the upper Mekong River Basin, China. Science of the Total Environment, 2017, 574, 288-299.	8.0	90
116	Climate Versus In-Lake Processes as Controls on the Development of Community Structure in a Low-Arctic Lake (South-West Greenland). Ecosystems, 2008, 11, 307-324.	3.4	89
117	Species richness of crustacean zooplankton and trophic structure of brackish lagoons in contrasting climate zones: north temperate Denmark and Mediterranean Catalonia (Spain). Ecography, 2009, 32, 692-702.	4.5	89
118	Responses of trophic structure and zooplankton community to salinity and temperature in Tibetan lakes: Implication for the effect of climate warming. Water Research, 2017, 124, 618-629.	11.3	88
119	The simultaneous inference of zooplanktivorous fish and macrophyte density from subâ€fossil cladoceran assemblages: a multivariate regression tree approach. Freshwater Biology, 2010, 55, 546-564.	2.4	87
120	A community-based framework for aquatic ecosystem models. Hydrobiologia, 2012, 683, 25-34.	2.0	87
121	A comparison of shallow Danish and Canadian lakes and implications of climate change. Freshwater Biology, 2007, 52, 1782-1792.	2.4	86
122	Benthicâ€"planktonic coupling, regime shifts, and whole-lake primary production in shallow lakes. Ecology, 2012, 93, 619-631.	3.2	86
123	Effects of Temperature, Salinity and Fish in Structuring the Macroinvertebrate Community in Shallow Lakes: Implications for Effects of Climate Change. PLoS ONE, 2012, 7, e30877.	2.5	86
124	Response of submerged macrophytes in Danish lakes to nutrient loading reductions and biomanipulation. Hydrobiologia, 2003, 506-509, 641-649.	2.0	85
125	Strong impact of nitrogen loading on submerged macrophytes and algae: a longâ€term mesocosm experiment in a shallow Chinese lake. Freshwater Biology, 2015, 60, 1525-1536.	2.4	84
126	Dissolved organic matter fluorescence at wavelength 275/342Ânm as a key indicator for detection of point-source contamination in a large Chinese drinking water lake. Chemosphere, 2016, 144, 503-509.	8.2	84

#	Article	IF	Citations
127	Effects of multiple stressors on cyanobacteria abundance vary with lake type. Global Change Biology, 2018, 24, 5044-5055.	9.5	84
128	Ecological effects of reduced nutrient loading (oligotrophication) on lakes: an introduction. Freshwater Biology, 2005, 50, 1589-1593.	2.4	83
129	Global warming: Design of a flow-through shallow lake mesocosm climate experiment. Limnology and Oceanography: Methods, 2005, 3, 1-9.	2.0	83
130	Major changes in trophic dynamics in large, deep sub-alpine Lake Maggiore from 1940s to 2002: a high resolution comparative palaeo-neolimnological study. Freshwater Biology, 2007, 52, 2256-2269.	2.4	83
131	Substratum as a driver of variation in periphyton chlorophyll and productivity in lakes. Journal of the North American Benthological Society, 2006, 25, 379-392.	3.1	80
132	Structure, biomass, production and depth distribution of periphyton on artificial substratum in shallow lakes with contrasting nutrient concentrations. Freshwater Biology, 2006, 51, 95-109.	2.4	80
133	Are the controls of species composition similar for contemporary and sub-fossil cladoceran assemblages? A study of 39 shallow lakes of contrasting trophic status. Journal of Paleolimnology, 2007, 38, 117-134.	1.6	80
134	Climate Change and the Future of Freshwater Biodiversity in Europe: A Primer for Policy-Makers. Freshwater Reviews: A Journal of the Freshwater Biological Association, 2009, 2, 103-130.	1.0	80
135	Ecotoxicological effects of sulfonamide on and its removal by the submerged plant Vallisneria natans (Lour.) Hara. Water Research, 2020, 170, 115354.	11.3	80
136	Macrophyte and fish chemicals suppress Daphnia growth and alter life-history traits. Oikos, 2000, 88, 139-147.	2.7	79
137	The Water Framework Directive: Setting the phosphorus loading target for a deep lake in Denmark using the 1D lake ecosystem model DYRESMâ€“CAEDYM. Ecological Modelling, 2008, 219, 138-152.	2.5	79
138	Distribution, fate and risk assessment of PAHs in water and sediments from an aquaculture- and shipping-impacted subtropical lake, China. Chemosphere, 2018, 201, 612-620.	8.2	79
139	Chromophoric dissolved organic matter in inland waters: Present knowledge and future challenges. Science of the Total Environment, 2021, 759, 143550.	8.0	79
140	Sub-fossils of cladocerans in the surface sediment of 135 lakes as proxies for community structure of zooplankton, fish abundance and lake temperature. Hydrobiologia, 2003, 491, 321-330.	2.0	78
141	Advancing projections of phytoplankton responses to climate change through ensemble modelling. Environmental Modelling and Software, 2014, 61, 371-379.	4.5	78
142	Microbial production and consumption of dissolved organic matter in glacial ecosystems on the Tibetan Plateau. Water Research, 2019, 160, 18-28.	11.3	78
143	Accumulation of Terrestrial Dissolved Organic Matter Potentially Enhances Dissolved Methane Levels in Eutrophic Lake Taihu, China. Environmental Science & Technology, 2018, 52, 10297-10306.	10.0	76
144	Seasonal Dynamics of CO2 Flux Across the Surface of Shallow Temperate Lakes. Ecosystems, 2012, 15, 336-347.	3.4	75

#	Article	IF	Citations
145	Title is missing!. Journal of Paleolimnology, 2002, 27, 133-143.	1.6	73
146	Horizontal dynamics of zooplankton in subtropical Lake Blanca (Uruguay) hosting multiple zooplankton predators and aquatic plant refuges. Hydrobiologia, 2007, 584, 179-189.	2.0	73
147	Chromophoric dissolved organic matter of black waters in a highly eutrophic Chinese lake: Freshly produced from algal scums?. Journal of Hazardous Materials, 2015, 299, 222-230.	12.4	73
148	Impact of metazooplankton on the composition and population dynamics of planktonic ciliates in a shallow, hypertrophic lake. Aquatic Microbial Ecology, 1999, 17, 61-75.	1.8	72
149	Lake restoration in Denmark. Lakes and Reservoirs: Research and Management, 2000, 5, 151-159.	0.9	72
150	Use of ephippial morphology to assess richness of anomopods: potentials and pitfalls. Journal of Limnology, 2004, 63, 75.	1.1	71
151	Drought-induced changes in nutrient concentrations and retention in two shallow Mediterranean lakes subjected to different degrees of management. Hydrobiologia, 2010, 646, 61-72.	2.0	71
152	Do planktivorous fish structure the zooplankton communities in New Zealand lakes?. New Zealand Journal of Marine and Freshwater Research, 1997, 31, 163-173.	2.0	69
153	Effects of Submerged Vegetation on Water Clarity Across Climates. Ecosystems, 2009, 12, 1117-1129.	3.4	69
154	Salinization Increase due to Climate Change Will Have Substantial Negative Effects on Inland Waters: A Call for Multifaceted Research at the Local and Global Scale. Innovation(China), 2020, 1, 100030.	9.1	68
155	Title is missing!. Hydrobiologia, 1997, 342/343, 311-318.	2.0	67
156	Environmental rather than spatial factors structure bacterioplankton communities in shallow lakes along a >â€‰6000â€‰km latitudinal gradient in <scp>S</scp>outh <scp>A</scp>merica. Environmental Microbiology, 2015, 17, 2336-2351.	3.8	67
157	pH Influences the Importance of Niche-Related and Neutral Processes in Lacustrine Bacterioplankton Assembly. Applied and Environmental Microbiology, 2015, 81, 3104-3114.	3.1	67
158	Seasonal dynamics in the concentrations and retention of phosphorus in shallow Danish lakes after reduced loading. Aquatic Ecosystem Health and Management, 2002, 5, 19-29.	0.6	66
159	Eight years of internal phosphorus loading and changes in the sediment phosphorus profile of Lake Sï¿½bygaard, Denmark. Hydrobiologia, 1993, 253, 345-356.	2.0	65
160	Lake depth and geographical position modify lake fish assemblages of the European â€˜Central Plainsâ€™ ecoregion. Freshwater Biology, 2007, 52, 2285-2297.	2.4	65
161	The response of periphyton and submerged macrophytes to nitrogen and phosphorus loading in shallow warm lakes: a mesocosm experiment. Freshwater Biology, 2010, 55, 463-475.	2.4	65
162	Parallel genetic algorithm in bus route headway optimization. Applied Soft Computing Journal, 2011, 11, 5081-5091.	7.2	65

#	Article	IF	Citations
163	Alternative Stable States. Ecological Studies, 1998, , 397-406.	1.2	64
164	An empirical model describing the seasonal dynamics of phosphorus in 16 shallow eutrophic lakes after external loading reduction. Limnology and Oceanography, 2006, 51, 791-800.	3.1	64
165	Using chlorophyll a and cyanobacteria in the ecological classification of lakes. Ecological Indicators, 2011, 11, 1403-1412.	6.3	64
166	Fluorescence peak integration ratio IC:IT as a new potential indicator tracing the compositional changes in chromophoric dissolved organic matter. Science of the Total Environment, 2017, 574, 1588-1598.	8.0	64
167	Field and experimental evidence of the effect of Jenynsia multidentata, a small omnivorousâ€“planktivorous fish, on the size distribution of zooplankton in subtropical lakes. Freshwater Biology, 2008, 53, 1797-1807.	2.4	63
168	Descarga localizada de Ã¡gua subterrÃ¢nea com fÃ³sforo para um lago drenante eutrÃ³fico (Lago VÃ¦ng,) Tj ETQq0 0 0 rgBT /Overlock 2013, 21, 1787-1802.	2.1	63
169	Effects of high nitrogen concentrations on the growth of submersed macrophytes at moderate phosphorus concentrations. Water Research, 2015, 83, 385-395.	11.3	63
170	Colonization and succession of submerged macrophytes in shallow Lake VÃ¦ng during the first five years following fish manipulation. Hydrobiologia, 1994, 275-276, 233-242.	2.0	62
171	Future water availability in the largest freshwater Mediterranean lake is at great risk as evidenced from simulations with the SWAT model. Science of the Total Environment, 2017, 581-582, 413-425.	8.0	62
172	Salinity shapes zooplankton communities and functional diversity and has complex effects on size structure in lakes. Hydrobiologia, 2018, 813, 237-255.	2.0	62
173	From unusual suspect to serial killer: Cyanotoxins boosted by climate change may jeopardize megafauna. Innovation(China), 2021, 2, 100092.	9.1	62
174	Phosphorus dynamics in Danish lakes and the implications for diatom ecology and palaeoecology. Freshwater Biology, 2002, 47, 1963-1975.	2.4	61
175	Nitrateâ€depleted conditions on the increase in shallow northern European lakes. Limnology and Oceanography, 2007, 52, 1346-1353.	3.1	61
176	The role of palaeolimnology in assessing eutrophication and its impact on lakes. Journal of Paleolimnology, 2013, 49, 391-410.	1.6	61
177	Lack of steady-state in the global biogeochemical Si cycle: emerging evidence from lake Si sequestration. Biogeochemistry, 2014, 117, 255-277.	3.5	61
178	High ammonium loading can increase alkaline phosphatase activity and promote sediment phosphorus release: A two-month mesocosm experiment. Water Research, 2018, 145, 388-397.	11.3	61
179	Title is missing!. Hydrobiologia, 2001, 442, 329-337.	2.0	59
180	Ambiguous climate impacts on competition between submerged macrophytes and phytoplankton in shallow lakes. Freshwater Biology, 2011, 56, 1540-1553.	2.4	59

#	Article	IF	Citations
181	Strong correspondence between gillnet catch per unit effort and hydroacoustically derived fish biomass in stratified lakes. Freshwater Biology, 2012, 57, 2436-2448.	2.4	58
182	Nitrogen Loss and Denitrification as Studied in Relation to Reductions in Nitrogen Loading in a Shallow, Hypertrophic Lake (Lake SÃ¸bygÃ¥rd, Denmark). International Review of Hydrobiology, 1992, 77, 29-42.	0.6	57
183	Effects of increased temperature and nutrient enrichment on the stoichiometry of primary producers and consumers in temperate shallow lakes. Freshwater Biology, 2008, 53, 1434-1452.	2.4	57
184	Warming and nutrient enrichment in combination increase stochasticity and beta diversity of bacterioplankton assemblages across freshwater mesocosms. ISME Journal, 2017, 11, 613-625.	9.8	57
185	Effects of nitrate on phosphorus release from lake sediments. Water Research, 2021, 194, 116894.	11.3	57
186	Changes in nitrogen retention in shallow eutrophic lakes following a decline in density of cyprinids. Fundamental and Applied Limnology, 1998, 142, 129-151.	0.7	57
187	Uncovering hidden species: hatching diapausing eggs for the analysis of cladoceran species richness. Limnology and Oceanography: Methods, 2005, 3, 399-407.	2.0	56
188	Longâ€term effects of warming and nutrients on microbes and other plankton in mesocosms. Freshwater Biology, 2013, 58, 483-493.	2.4	56
189	Center Stage: The Crucial Role of Macrophytes in Regulating Trophic Interactions in Shallow Lake Wetlands. Ecological Studies, 2006, , 37-59.	1.2	55
190	Adaptive microevolutionary responses to simulated global warming inSimocephalus vetulus: a mesocosm study. Global Change Biology, 2007, 13, 878-886.	9.5	55
191	Influence of nutrients, submerged macrophytes and zooplankton grazing on phytoplankton biomass and diversity along a latitudinal gradient in Europe. Hydrobiologia, 2010, 653, 79-90.	2.0	55
192	Effects of climate and nutrient load on the water quality of shallow lakes assessed through ensemble runs by PCLake. Ecological Applications, 2014, 24, 1926-1944.	3.8	55
193	Pelagic prey and benthic predators: impact of odonate predation on Daphnia. Journal of the North American Benthological Society, 2001, 20, 615-628.	3.1	54
194	The influence of water level on macrophyte growth and trophic interactions in eutrophic Mediterranean shallow lakes: a mesocosm experiment with and without fish. Freshwater Biology, 2012, 57, 1631-1642.	2.4	54
195	Effects of deposit-feeding tubificid worms and filter-feeding bivalves on benthic-pelagic coupling: Implications for the restoration of eutrophic shallow lakes. Water Research, 2014, 50, 135-146.	11.3	54
196	Lake Restoration and Management in a Climate Change Perspective: An Introduction. Water (Switzerland), 2017, 9, 122.	2.7	54
197	Interactions between phytoplankton, zooplankton and fish in a shallow, hypertrophic lake: a study of phytoplankton collapses in Lake Sï¿½bygï¿½rd, Denmark. Hydrobiologia, 1990, 191, 149-164.	2.0	53
198	Hypolimnetic Nitrate Treatment to Reduce Internal Phosphorus Loading in a Stratified Lake. Lake and Reservoir Management, 2000, 16, 195-204.	1.3	53

#	Article	IF	Citations
199	Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics. Hydrobiologia, 2015, 743, 27-35.	2.0	53
200	Local and regional drivers of turnover and nestedness components of species and functional beta diversity in lake macrophyte communities in China. Science of the Total Environment, 2019, 687, 206-217.	8.0	53
201	Title is missing!. Hydrobiologia, 1997, 342/343, 319-325.	2.0	52
202	Implications of Climate-enforced Temperature Increases on Freshwater Pico- and Nanoplankton Populations Studied in Artificial Ponds During 16ÂMonths. Hydrobiologia, 2006, 560, 259-266.	2.0	52
203	Linking carbon and nitrogen metabolism to depth distribution of submersed macrophytes using high ammonium dosing tests and a lake survey. Freshwater Biology, 2013, 58, 2532-2540.	2.4	52
204	Ecological resilience in lakes and the conjunction fallacy. Nature Ecology and Evolution, 2017, 1, 1616-1624.	7.8	52
205	Effects of hypolimnetic oxygenation on water quality: results from five Danish lakes. Hydrobiologia, 2009, 625, 157-172.	2.0	51
206	The response of two submerged macrophytes and periphyton to elevated temperatures in the presence and absence of snails: a microcosm approach. Hydrobiologia, 2014, 738, 49-59.	2.0	51
207	Comparison of periphyton communities on natural and artificial macrophytes with contrasting morphological structures. Freshwater Biology, 2017, 62, 1783-1793.	2.4	51
208	Spatial and temporal distribution of fish and zooplankton in a shallow lake. Freshwater Biology, 2003, 48, 1353-1362.	2.4	50
209	Does resuspension prevent a shift to a clear state in shallow lakes during reoligotrophication?. Limnology and Oceanography, 2003, 48, 1913-1919.	3.1	50
210	Dormant propagule banks integrate spatio-temporal heterogeneity in cladoceran communities. Oecologia, 2005, 142, 109-116.	2.0	50
211	Geographical patterns in the bodyâ€size structure of European lake fish assemblages along abiotic and biotic gradients. Journal of Biogeography, 2014, 41, 2221-2233.	3.0	50
212	The effect of benthic algae on phosphorus exchange between sediment and overlying water in shallow lakes: a microcosm study using 32P as a tracer. Hydrobiologia, 2013, 710, 109-116.	2.0	49
213	FABM-PCLake â€“ linking aquatic ecology with hydrodynamics. Geoscientific Model Development, 2016, 9, 2271-2278.	3.6	49
214	Interactions between sediment and water in a shallow and hypertrophic lake: a study on phytoplankton collapses in Lake Sï¿½bygï¿½rd, Denmark. Hydrobiologia, 1990, 191, 139-148.	2.0	48
215	Gravel pit lakes in Denmark: Chemical and biological state. Science of the Total Environment, 2018, 612, 9-17.	8.0	48
216	Autochthonous dissolved organic matter potentially fuels methane ebullition from experimental lakes. Water Research, 2019, 166, 115048.	11.3	48

#	Article	IF	Citations
217	Effects of changes in land use and climate on aquatic ecosystems: Coupling of models and decomposition of uncertainties. Science of the Total Environment, 2019, 657, 627-633.	8.0	48
218	Decreasing diversity of rare bacterial subcommunities relates to dissolved organic matter along permafrost thawing gradients. Environment International, 2020, 134, 105330.	10.0	48
219	Predicting the effects of reduced external nitrogen loading on the nitrogen dynamics and ecological state of deep Lake Ravn, Denmark, using the DYRESMâ€“CAEDYM model. Limnologica, 2008, 38, 220-232.	1.5	47
220	Submerged macrophytes facilitate dominance of omnivorous fish in a subtropical shallow lake: implications for lake restoration. Hydrobiologia, 2016, 775, 97-107.	2.0	47
221	Bioaccumulation, trophic transfer and biomagnification of perfluoroalkyl acids (PFAAs) in the marine food web of the South China Sea. Journal of Hazardous Materials, 2021, 405, 124681.	12.4	47
222	Internal phosphorus loading in shallow Danish lakes. , 1999, , 145-152.		46
223	Synergistic negative effects of small-sized benthivorous fish and nitrogen loading on the growth of submerged macrophytes â€“ Relevance for shallow lake restoration. Science of the Total Environment, 2018, 610-611, 1572-1580.	8.0	46
224	Climatic warming and regime shifts in lake food websâ€”some comments. Limnology and Oceanography, 2003, 48, 1346-1349.	3.1	45
225	Relationships between environmental variables and zooplankton subfossils in the surface sediments of 36 shallow coastal brackish lakes with special emphasis on the role of fish. Journal of Paleolimnology, 2005, 33, 39-51.	1.6	45
226	The role of cladocerans in tracking long-term change in shallow lake trophic status. Hydrobiologia, 2011, 676, 299-315.	2.0	45
227	Zooplankton response to climate warming: a mesocosm experiment at contrasting temperatures and nutrient levels. Hydrobiologia, 2015, 742, 185-203.	2.0	45
228	Restoration of Shallow Lakes in Subtropical and Tropical China: Response of Nutrients and Water Clarity to Biomanipulation by Fish Removal and Submerged Plant Transplantation. Water (Switzerland), 2016, 8, 438.	2.7	45
229	Reaeration of Oxygen in Shallow, Macrophyte Rich Streams: I â€“ Determination of the Reaeration Rate Coefficient. International Review of Hydrobiology, 1987, 72, 405-429.	0.6	44
230	Taxonomic or ecological approaches? Searching for phytoplankton surrogates in the determination of richness and assemblage composition in ponds. Ecological Indicators, 2012, 18, 575-585.	6.3	44
231	Differential photosynthetic and morphological adaptations to low light affect depth distribution of two submersed macrophytes in lakes. Scientific Reports, 2016, 6, 34028.	3.3	44
232	Fish-mediated plankton responses to increased temperature in subtropical aquatic mesocosm ecosystems: Implications for lake management. Water Research, 2018, 144, 304-311.	11.3	44
233	Two Simple Models for Estimating Daily Mean Water Temperatures and Diel Variations in a Danish Low Gradient Stream. Oikos, 1987, 49, 149.	2.7	43
234	Fish community assemblages changed but biomass remained similar after lake restoration by biomanipulation in a Chinese tropical eutrophic lake. Hydrobiologia, 2014, 724, 127-140.	2.0	43

#	Article	IF	Citations
235	10 Years Later. Advances in Ecological Research, 2015, 53, 1-53.	2.7	43
236	Effects of benthic-feeding common carp and filter-feeding silver carp on benthic-pelagic coupling: Implications for shallow lake management. Ecological Engineering, 2016, 88, 256-264.	3.6	43
237	Landlocked Arctic charr (Salvelinus alpinus) population structure and lake morphometry in Greenland - is there a connection?. Polar Biology, 2000, 23, 550-558.	1.2	42
238	Reconstructing the salinity and environment of the Limfjord and Vejlerne Nature Reserve, Denmark, using a diatom model for brackish lakes and fjords. Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 1988-2006.	1.4	42
239	Lake depth rather than fish planktivory determines cladoceran community structure in Faroese lakes ? evidence from contemporary data and sediments. Freshwater Biology, 2006, 51, 2124-2142.	2.4	42
240	Community structure and diel migration of zooplankton in shallow brackish lakes: role of salinity and predators. Hydrobiologia, 2010, 646, 215-229.	2.0	42
241	Effects of high ammonia concentrations on three cyprinid fish: Acute and whole-ecosystem chronic tests. Science of the Total Environment, 2017, 598, 900-909.	8.0	42
242	Seasonal dynamics of the mysid Neomysis integer and its predation on the copepod Eurytemora affinis in a shallow hypertrophic brackish lake. Marine Ecology - Progress Series, 1995, 127, 47-56.	1.9	42
243	Lake Flora and Fauna in Relation to Ice-Melt, Water Temperature and Chemistry at Zackenberg. Advances in Ecological Research, 2008, 40, 371-389.	2.7	41
244	Predation and competition effects on the size diversity of aquatic communities. Aquatic Sciences, 2015, 77, 45-57.	1.5	41
245	Feedback between climate change and eutrophication: revisiting the allied attack concept and how to strike back. Inland Waters, 2022, 12, 187-204.	2.2	41
246	Life cycle of Cyclops vicinus in relation to food availability, predation, diapause and temperature. Journal of Plankton Research, 1992, 14, 591-605.	1.8	40
247	Fish-induced changes in zooplankton grazing on phytoplankton and bacterioplankton: a long-term study in shallow hypertrophic Lake SÃ¸bygaard. Journal of Plankton Research, 1996, 18, 1605-1625.	1.8	40
248	Hatching Rate and Hatching Success with and Without Isolation of Zooplankton Resting Stages. Hydrobiologia, 2004, 526, 235-241.	2.0	40
249	Restoration of a subtropical eutrophic shallow lake in China: effects on nutrient concentrations and biological communities. Hydrobiologia, 2013, 718, 59-71.	2.0	40
250	Cascading trophic interactions in the littoral zone: an enclosure experiment in shallow Lake Stigsholm, Denmark. Fundamental and Applied Limnology, 2002, 153, 533-555.	0.7	40
251	A trait-based approach to assess climate change sensitivity of freshwater invertebrates across Swedish ecoregions. Environmental Epigenetics, 2014, 60, 221-232.	1.8	39
252	Influence of the three Gorges Reservoir on the shrinkage of China's two largest freshwater lakes. Global and Planetary Change, 2019, 177, 45-55.	3.5	39

#	Article	IF	Citations
253	The Role of Top-Down and Bottom-Up Control for Phytoplankton in a Subtropical Shallow Eutrophic Lake: Evidence Based on Long-Term Monitoring and Modeling. Ecosystems, 2020, 23, 1449-1463.	3.4	39
254	Particulate organic matter as causative factor to eutrophication of subtropical deep freshwater: Role of typhoon (tropical cyclone) in the nutrient cycling. Water Research, 2021, 188, 116470.	11.3	39
255	Paleolimnological records reveal biotic homogenization driven by eutrophication in tropical reservoirs. Journal of Paleolimnology, 2018, 60, 299-309.	1.6	38
256	Ecological Responses of Lakes to Climate Change. Water (Switzerland), 2018, 10, 917.	2.7	38
257	Rainstorm events shift the molecular composition and export of dissolved organic matter in a large drinking water reservoir in China: High frequency buoys and field observations. Water Research, 2020, 187, 116471.	11.3	38
258	Toward predicting climate change effects on lakes: a comparison of 1656 shallow lakes from Florida and Denmark reveals substantial differences in nutrient dynamics, metabolism, trophic structure, and top-down control. Inland Waters, 2020, 10, 197-211.	2.2	38
259	Horizontal distribution of cladocerans in arctic Greenland lakes â€“ impact of macrophytes and fish. Hydrobiologia, 2001, 442, 107-116.	2.0	37
260	Late Quaternary Environmental and Cultural Changes in the Wollaston Forland Region, Northeast Greenland. Advances in Ecological Research, 2008, 40, 45-79.	2.7	37
261	Contrasting roles of water chemistry, lake morphology, land-use, climate and spatial processes in driving phytoplankton richness in the Danish landscape. Hydrobiologia, 2013, 710, 173-187.	2.0	37
262	Strong altitudinal control on the response of local glaciers to Holocene climate change in southwest Greenland. Quaternary Science Reviews, 2017, 168, 69-78.	3.0	37
263	Variability in Dissolved Organic Matter Composition and Biolability across Gradients of Glacial Coverage and Distance from Glacial Terminus on the Tibetan Plateau. Environmental Science & Technology, 2019, 53, 12207-12217.	10.0	37
264	Periphyton-macroinvertebrate interactions in light and fish manipulated enclosures in a clear and a turbid shallow lake. Aquatic Ecology, 2005, 39, 23-39.	1.5	36
265	Effects of cyanobacterial blooms on submerged macrophytes alleviated by the native Chinese bivalve Hyriopsis cumingii : A mesocosm experiment study. Ecological Engineering, 2014, 71, 363-367.	3.6	36
266	General validation of formalinâ€preserved fish samples in food web studies using stable isotopes. Methods in Ecology and Evolution, 2015, 6, 307-314.	5.2	36
267	Climate Change Will Make Recovery from Eutrophication More Difficult in Shallow Danish Lake SÃ¸bygaard. Water (Switzerland), 2016, 8, 459.	2.7	36
268	Habitat distribution of fish in late summer: changes along a nutrient gradient in Danish lakes. Ecology of Freshwater Fish, 2006, 15, 180-190.	1.4	35
269	Trophic cascade effects of Hoplias malabaricus (Characiformes, Erythrinidae) in subtropical lakes food webs: a mesocosm approach. Hydrobiologia, 2010, 644, 325-335.	2.0	35
270	Changed cycling of P, N, Si, and DOC in Danish Lake Nordborg after aluminum treatment. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 842-856.	1.4	35

#	Article	IF	Citations
271	Filamentous green algae inhibit phytoplankton with enhanced effects when lakes get warmer. Freshwater Biology, 2011, 56, 541-553.	2.4	35
272	Crossâ€taxon congruence in lake plankton largely independent of environmental gradients. Ecology, 2014, 95, 2778-2788.	3.2	35
273	Linking heterotrophic bacterioplankton community composition to the optical dynamics of dissolved organic matter in a large eutrophic Chinese lake. Science of the Total Environment, 2019, 679, 136-147.	8.0	35
274	Eutrophication alters bacterial coâ€occurrence networks and increases the importance of chromophoric dissolved organic matter composition. Limnology and Oceanography, 2021, 66, 2319-2332.	3.1	35
275	Effects of water temperature on summer periphyton biomass in shallow lakes: a pan-European mesocosm experiment. Aquatic Sciences, 2015, 77, 499-510.	1.5	34
276	Homogenization of fish assemblages in different lake depth strata at local and regional scales. Freshwater Biology, 2015, 60, 745-757.	2.4	34
277	Potential rainfall-intensity and pH-driven shifts in the apparent fluorescent composition of dissolved organic matter in rainwater. Environmental Pollution, 2017, 224, 638-648.	7.5	34
278	Recent Sedimentation Rates of Shallow Lakes in the Middle and Lower Reaches of the Yangtze River: Patterns, Controlling Factors and Implications for Lake Management. Water (Switzerland), 2017, 9, 617.	2.7	34
279	Trophic dynamics in turbid and clearwater lakes with special emphasis on the role of zooplankton for water clarity. , 1999, , 217-231.		33
280	Inferring recent changes in the ecological state of 21 Danish candidate reference lakes (EU Water) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.0	33
281	Lower biodiversity of native fish but only marginally altered plankton biomass in tropical lakes hosting introduced piscivorous Cichla cf. ocellaris. Biological Invasions, 2012, 14, 1353-1363.	2.4	33
282	Assessing ways to combat eutrophication in a Chinese drinking water reservoir using SWAT. Marine and Freshwater Research, 2013, 64, 475.	1.3	33
283	Density-dependent effects as key drivers of intraspecific size structure of six abundant fish species in lakes across Europe. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 519-534.	1.4	33
284	Repeated Fish Removal to Restore Lakes: Case Study of Lake VÃ¦ng, Denmarkâ€"Two Biomanipulations during 30 Years of Monitoring. Water (Switzerland), 2017, 9, 43.	2.7	33
285	Impact of nutrients and water level changes on submerged macrophytes along a temperature gradient: A panâ€European mesocosm experiment. Global Change Biology, 2020, 26, 6831-6851.	9.5	33
286	Predicting ecosystem state changes in shallow lakes using an aquatic ecosystem model: Lake Hinge, Denmark, an example. Ecological Applications, 2020, 30, e02160.	3.8	33
287	Changes in the abundance of planktivorous fish in Lake Skanderborg during the past two centuriesâ€"a palaeoecological approach. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 172, 143-152.	2.3	32
288	A comparison of methods for calculating Catch Per Unit Effort (CPUE) of gill net catches in lakes. Fisheries Research, 2008, 93, 204-211.	1.7	32

#	Article	IF	Citations
289	Ecological classification of lakes: Uncertainty and the influence of year-to-year variability. Ecological Indicators, 2016, 61, 248-257.	6.3	32
290	Assessing ecological quality of shallow lakes: Does knowledge of transparency suffice?. Basic and Applied Ecology, 2009, 10, 89-96.	2.7	31
291	Effects of warming and nutrients on sediment community respiration in shallow lakes: an outdoor mesocosm experiment. Freshwater Biology, 2011, 56, 437-447.	2.4	31
292	Sediments, not plants, offer the preferred refuge for Daphnia against fish predation in Mediterranean shallow lakes: an experimental demonstration. Freshwater Biology, 2012, 57, 795-802.	2.4	31
293	Similarity between contemporary vegetation and plant remains in the surface sediment in Mediterranean lakes. Freshwater Biology, 2014, 59, 724-736.	2.4	31
294	Effects of nutrient loading, temperature regime and grazing pressure on nutrient limitation of periphyton in experimental ponds. Freshwater Biology, 2014, 59, 905-917.	2.4	31
295	Discovering hidden biodiversity: the use of complementary monitoring of fish diet based on DNA barcoding in freshwater ecosystems. Ecology and Evolution, 2016, 6, 219-232.	1.9	31
296	Does the responses of Vallisneria natans (Lour.) Hara to high nitrogen loading differ between the summer high-growth season and the low-growth season?. Science of the Total Environment, 2017, 601-602, 1513-1521.	8.0	31
297	Impact of three-spined stickleback Gasterosteus aculeatus on zooplankton and chl a in shallow, eutrophic, brackish lakes. Marine Ecology - Progress Series, 2003, 262, 277-284.	1.9	31
298	Can Simple Empirical Equations Describe the Seasonal Dynamics of Bacterioplankton in Lakes: An Eight-Year Study in Shallow Hypertrophic and Biologically Highly Dynamic Lake SÃ¸bygÃ¥rd, Denmark. Microbial Ecology, 1997, 34, 11-26.	2.8	30
299	Title is missing!. Hydrobiologia, 1999, 408/409, 241-250.	2.0	30
300	The response of Vallisneria spinulosa (Hydrocharitaceae) to different loadings of ammonia and nitrate at moderate phosphorus concentration: a mesocosm approach. Freshwater Biology, 2008, 53, 2321-2330.	2.4	30
301	Long-Term Trends and Temporal Synchrony in Plankton Richness, Diversity and Biomass Driven by Re-Oligotrophication and Climate across 17 Danish Lakes. Water (Switzerland), 2016, 8, 427.	2.7	30
302	Effects of small-sized crucian carp (Carassius carassius) on the growth of submerged macrophytes: Implications for shallow lake restoration. Ecological Engineering, 2016, 95, 567-573.	3.6	30
303	The relative importance of weather and nutrients determining phytoplankton assemblages differs between seasons in large Lake Taihu, China. Aquatic Sciences, 2019, 81, 1.	1.5	30
304	The impact of climate change on a Mediterranean shallow lake: insights based on catchment and lake modelling. Regional Environmental Change, 2020, 20, 1.	2.9	30
305	Horizontal Migration of Zooplankton: Predator-Mediated Use of Macrophyte Habitat. Ecological Studies, 1998, , 233-239.	1.2	30
306	Title is missing!. Journal of Paleolimnology, 2003, 29, 495-507.	1.6	29

#	Article	IF	Citations
307	Winter ecology of shallow lakes: strongest effect of fish on water clarity at high nutrient levels. Hydrobiologia, 2011, 664, 147-162.	2.0	29
308	Rapid Ecological Shift Following Piscivorous Fish Introduction to Increasingly Eutrophic and Warmer Lake Furnas (Azores Archipelago, Portugal): A Paleoecological Approach. Ecosystems, 2011, 14, 458-477.	3.4	29
309	Does stocking of filter-feeding fish for production have a cascading effect on zooplankton and ecological state? A study of fourteen (sub)tropical Chinese reservoirs with contrasting nutrient concentrations. Hydrobiologia, 2014, 736, 115-125.	2.0	29
310	Stable isotope analysis confirms substantial differences between subtropical and temperate shallow lake food webs. Hydrobiologia, 2017, 784, 111-123.	2.0	29
311	Hydrological alterations as the major driver on environmental change in a floodplain Lake Poyang (China): Evidence from monitoring and sediment records. Journal of Great Lakes Research, 2018, 44, 377-387.	1.9	29
312	Response of chromophoric dissolved organic matter dynamics to tidal oscillations and anthropogenic disturbances in a large subtropical estuary. Science of the Total Environment, 2019, 662, 769-778.	8.0	29
313	Phytoplankton Community Response to Nutrients, Temperatures, and a Heat Wave in Shallow Lakes: An Experimental Approach. Water (Switzerland), 2020, 12, 3394.	2.7	29
314	How hydrology and anthropogenic activity influence the molecular composition and export of dissolved organic matter: Observations along a large river continuum. Limnology and Oceanography, 2021, 66, 1730-1742.	3.1	29
315	Biodegradable dissolved organic carbon shapes bacterial community structures and co-occurrence patterns in large eutrophic Lake Taihu. Journal of Environmental Sciences, 2021, 107, 205-217.	6.1	29
316	Impact of alternating wet and dry periods on long-term seasonal phosphorus and nitrogen budgets of two shallow Mediterranean lakes. Science of the Total Environment, 2016, 563-564, 456-467.	8.0	28
317	Using palaeolimnological data and historical records to assess long-term dynamics of ecosystem services in typical Yangtze shallow lakes (China). Science of the Total Environment, 2017, 584-585, 791-802.	8.0	28
318	The structuring role of fish in Greenland lakes: an overview based on contemporary and paleoecological studies of 87 lakes from the low and the high Arctic. Hydrobiologia, 2017, 800, 99-113.	2.0	28
319	Hydrologic and anthropogenic influences on aquatic macrophyte development in a large, shallow lake in China. Freshwater Biology, 2019, 64, 799-812.	2.4	28
320	Quantifying the streamflow response to groundwater abstractions for irrigation or drinking water at catchment scale using SWAT and SWATâ€“MODFLOW. Environmental Sciences Europe, 2020, 32, .	5.5	28
321	Relationships between pelagic bacteria and phytoplankton abundances in contrasting tropical freshwaters. Aquatic Microbial Ecology, 2010, 60, 261-272.	1.8	28
322	Restoring lakes by using artificial plant beds: habitat selection of zooplankton in a clear and a turbid shallow lake. Freshwater Biology, 2009, 54, 1520-1531.	2.4	27
323	Tracking a century of change in trophic structure and dynamics in a floodplain wetland: integrating palaeoecological and palaeoisotopic evidence. Freshwater Biology, 2015, 60, 711-723.	2.4	27
324	Will enhanced turbulence in inland waters result in elevated production of autochthonous dissolved organic matter?. Science of the Total Environment, 2016, 543, 405-415.	8.0	27

#	Article	IF	Citations
325	Assessing effects of change in land use on size-related variables of fish in subtropical streams. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 547-556.	1.4	27
326	Aquatic invertebrates and high latitude paleolimnology. , 2004, , 159-186.		26
327	Environmental species sorting dominates forestâ€bird community assembly across scales. Journal of Animal Ecology, 2013, 82, 266-274.	2.8	26
328	Recent invasion by a non-native cyprinid (common bream Abramis brama) is followed by major changes in the ecological quality of a shallow lake in southern Europe. Biological Invasions, 2013, 15, 2065-2079.	2.4	26
329	Does turbidity induced by Carassius carassius limit phytoplankton growth? A mesocosm study. Environmental Science and Pollution Research, 2017, 24, 5012-5018.	5.3	26
330	Danish and other European experiences in managing shallow lakes. Lake and Reservoir Management, 2007, 23, 439-451.	1.3	25
331	Community structure of fish in lowland streams differ substantially between subtropical and temperate climates. Hydrobiologia, 2012, 684, 143-160.	2.0	25
332	Size-dependent feeding of omnivorous Nile tilapia in a macrophyte-dominated lake: implications for lake management. Hydrobiologia, 2015, 749, 125-134.	2.0	25
333	Response of dissolved organic matter optical properties to net inflow runoff in a large fluvial plain lake and the connecting channels. Science of the Total Environment, 2018, 639, 876-887.	8.0	25
334	Responses of fish assemblage structure to large-scale weir construction in riverine ecosystems. Science of the Total Environment, 2019, 657, 1334-1342.	8.0	25
335	Mesocosm experiment reveals a strong positive effect of snail presence on macrophyte growth, resulting from control of epiphyton and nuisance filamentous algae: Implications for shallow lake management. Science of the Total Environment, 2020, 705, 135958.	8.0	25
336	Potential drivers of seasonal shifts in fish omnivory in a subtropical stream. Hydrobiologia, 2016, 768, 183-196.	2.0	24
337	Local habitat heterogeneity determines the differences in benthic diatom metacommunities between different urban river types. Science of the Total Environment, 2019, 669, 711-720.	8.0	24
338	Quantifying the effects of climate change on hydrological regime and stream biota in a groundwater-dominated catchment: A modelling approach combining SWAT-MODFLOW with flow-biota empirical models. Science of the Total Environment, 2020, 745, 140933.	8.0	24
339	Lake and catchment management in Denmark. , 1999, , 419-432.		24
340	Sedimentary pigments in 308 alpine lakes and their relation to environmental gradients. Advances in Limnology, 2009, 62, 247-268.	0.4	24
341	The future of temporary wetlands in drylands under global change. Inland Waters, 2021, 11, 445-456.	2.2	24
342	Mid- to late-Holocene land-use change and lake development at Dallund SÃ¸, Denmark: trophic structure inferred from cladoceran subfossils. Holocene, 2005, 15, 1143-1151.	1.7	23

#	Article	IF	Citations
343	Effects of nutrient and water level changes on the composition and size structure of zooplankton communities in shallow lakes under different climatic conditions: a pan-European mesocosm experiment. Aquatic Ecology, 2017, 51, 257-273.	1.5	23
344	Fish assemblages in deep Italian subalpine lakes: history and present status with an emphasis on non-native species. Hydrobiologia, 2018, 824, 255-270.	2.0	23
345	Crucian Carp (Carassius carassius) Strongly Affect C/N/P Stoichiometry of Suspended Particulate Matter in Shallow Warm Water Eutrophic Lakes. Water (Switzerland), 2019, 11, 524.	2.7	23
346	Effects of trophic status, water level, and temperature on shallow lake metabolism and metabolic balance: A standardized panâ€European mesocosm experiment. Limnology and Oceanography, 2019, 64, 616-631.	3.1	23
347	Assessing the impacts of groundwater abstractions on flow regime and stream biota: Combining SWAT-MODFLOW with flow-biota empirical models. Science of the Total Environment, 2020, 706, 135702.	8.0	23
348	Response of community composition and biomass of submerged macrophytes to variation in underwater light, wind and trophic status in a large eutrophic shallow lake. Journal of Environmental Sciences, 2021, 103, 298-310.	6.1	23
349	The combined effects of macrophytes (Vallisneria denseserrulata) and a lanthanum-modified bentonite on water quality of shallow eutrophic lakes: A mesocosm study. Environmental Pollution, 2021, 277, 116720.	7.5	23
350	Macrophytes and Turbidity in Brackish Lakes with Special Emphasis on the Role of Top-Down Control. Ecological Studies, 1998, , 369-377.	1.2	23
351	Linking human activities and global climatic oscillation to phytoplankton dynamics in a subtropical lake. Water Research, 2022, 208, 117866.	11.3	23
352	Major changes in CO2 efflux when shallow lakes shift from a turbid to a clear water state. Hydrobiologia, 2016, 778, 33-44.	2.0	22
353	Heatâ€wave effects on greenhouse gas emissions from shallow lake mesocosms. Freshwater Biology, 2017, 62, 1130-1142.	2.4	22
354	The role of light for fishâ€“zooplanktonâ€“phytoplankton interactions during winter in shallow lakes â€“ a climate change perspective. Freshwater Biology, 2009, 54, 1093-1109.	2.4	21
355	Assessing lake typologies and indicator fish species for Italian natural lakes using past fish richness and assemblages. Hydrobiologia, 2011, 671, 227-240.	2.0	21
356	The importance of environmental variables for submerged macrophyte community assemblage and coverage in shallow lakes: differences between northern and southern Europe. Hydrobiologia, 2015, 744, 49-61.	2.0	21
357	The history of seabird colonies and the North Water ecosystem: Contributions from palaeoecological and archaeological evidence. Ambio, 2018, 47, 175-192.	5.5	21
358	Biofilms attached to Myriophyllum spicatum play a dominant role in nitrogen removal in constructed wetland mesocosms with submersed macrophytes: Evidence from 15N tracking, nitrogen budgets and metagenomics analyses. Environmental Pollution, 2020, 266, 115203.	7.5	21
359	Combining bivalve (Corbicula fluminea) and filter-feeding fish (Aristichthys nobilis) enhances the bioremediation effect of algae: An outdoor mesocosm study. Science of the Total Environment, 2020, 727, 138692.	8.0	21
360	Warming Effects on Periphyton Community and Abundance in Different Seasons Are Influenced by Nutrient State and Plant Type: A Shallow Lake Mesocosm Study. Frontiers in Plant Science, 2020, 11, 404.	3.6	21

#	Article	IF	Citations
361	Pelagic energy flow supports the food web of a shallow lake following a dramatic regime shift driven by water level changes. Science of the Total Environment, 2021, 756, 143642.	8.0	21
362	Interactions between phytoplankton, zooplankton and fish in a shallow, hypertrophic lake: a study of phytoplankton collapses in Lake SÃ¸bygÃ¥rd, Denmark. , 1990, , 149-164.		21
363	Cascading effect of three-spined stickleback Gasterosteus aculeatus on community composition, size, biomass and diversity of phytoplankton in shallow, eutrophic brackish lagoons. Marine Ecology - Progress Series, 2004, 279, 305-309.	1.9	21
364	Nitrogen deposition induced changes in DOCâ€ƒ:â€ƒNO₃â€N ratios determine the efficiency of nitrate removal from freshwaters. Global Change Biology, 2010, 16, 2358-2365.	9.5	20
365	Bacterioplankton in the littoral and pelagic zones of subtropical shallow lakes. Hydrobiologia, 2010, 646, 311-326.	2.0	20
366	Variation in fish community structure, richness, and diversity in 56 Danish lakes with contrasting depth, size, and trophic state: does the method matter?. Hydrobiologia, 2013, 710, 47-59.	2.0	20
367	Epiphytic Diatoms along Environmental Gradients in Western European Shallow Lakes. Clean - Soil, Air, Water, 2014, 42, 229-235.	1.1	20
368	Monitoring fish communities in wadeable lowland streams: comparing the efficiency of electrofishing methods at contrasting fish assemblages. Environmental Monitoring and Assessment, 2014, 186, 1665-1677.	2.7	20
369	Hydraulic connectivity and evaporation control the water quality and sources of chromophoric dissolved organic matter in Lake Bosten in arid northwest China. Chemosphere, 2017, 188, 608-617.	8.2	20
370	Winter Climate Shapes Spring Phytoplankton Development in Nonâ€Iceâ€Covered Lakes: Subtropical Lake Taihu as an Example. Water Resources Research, 2020, 56, e2019WR026680.	4.2	20
371	Biomass and oxygen dynamics of the epiphyte community in a Danish lowland stream. Freshwater Biology, 1989, 22, 431-443.	2.4	19
372	Changes in the abundance and composition of cyclopoid copepods following fish manipulation in eutrophic Lake Vaeng, Denmark. Freshwater Biology, 1992, 28, 183-193.	2.4	19
373	Title is missing!. Hydrobiologia, 2000, 428, 151-159.	2.0	19
374	Eutrophication and Restoration of Shallow Lakes from a Cold Temperate to a Warm Mediterranean and a (Sub)Tropical Climate. , 2010, , 91-108.		19
375	Trait-based community assembly of submersed macrophytes subjected to nutrient enrichment in freshwater lakes: Do traits at the individual level matter?. Ecological Indicators, 2020, 110, 105895.	6.3	19
376	Salinity shapes food webs of lakes in semiarid climate zones: a stable isotope approach. Inland Waters, 2021, 11, 476-491.	2.2	19
377	Decadal changes in size, salinity, waterbirds, and fish in lakes of the Konya Closed Basin, Turkey, associated with climate change and increasing water abstraction for agriculture. Inland Waters, 2021, 11, 538-555.	2.2	19
378	Influence of substrate type on periphyton biomass and nutrient state at contrasting high nutrient levels in a subtropical shallow lake. Hydrobiologia, 2013, 710, 129-141.	2.0	18

#	Article	IF	Citations
379	Size-based diel migration of zooplankton in Mediterranean shallow lakes assessed from in situ experiments with artificial plants. Hydrobiologia, 2015, 753, 47-59.	2.0	18
380	Response of Vallisneria spinulosa (Hydrocharitaceae) to contrasting nitrogen loadings in controlled lake mesocosms. Hydrobiologia, 2016, 766, 215-223.	2.0	18
381	Herbivory of Omnivorous Fish Shapes the Food Web Structure of a Chinese Tropical Eutrophic Lake: Evidence from Stable Isotope and Fish Gut Content Analyses. Water (Switzerland), 2017, 9, 69.	2.7	18
382	Effects of warming and nutrients on the microbial food web in shallow lake mesocosms. European Journal of Protistology, 2018, 64, 1-12.	1.5	18
383	Land Use and Land Cover Changes in the Owabi Reservoir Catchment, Ghana: Implications for Livelihoods and Management. Geosciences (Switzerland), 2019, 9, 286.	2.2	18
384	Silver carp (Hypophthalmichthys molitrix) stocking promotes phytoplankton growth by suppression of zooplankton rather than through nutrient recycling: An outdoor mesocosm study. Freshwater Biology, 2021, 66, 1074-1088.	2.4	18
385	Eight years of internal phosphorus loading and changes in the sediment phosphorus profile of Lake SÅbygaard, Denmark. , 1993, , 345-356.		18
386	Relatedness between contemporary and subfossil cladoceran assemblages in Turkish lakes. Journal of Paleolimnology, 2014, 52, 367-383.	1.6	17
387	Fish determine macroinvertebrate food webs and assemblage structure in Greenland subarctic streams. Freshwater Biology, 2014, 59, 1830-1842.	2.4	17
388	Warming shows differential effects on late-season growth and competitive capacity of Elodea canadensis and Potamogeton crispus in shallow lakes. Inland Waters, 2015, 5, 421-432.	2.2	17
389	Environment not dispersal limitation drives clonal composition of Arctic Daphnia in a recently deglaciated area. Molecular Ecology, 2016, 25, 5830-5842.	3.9	17
390	The influence of nutrient loading, climate and water depth on nitrogen and phosphorus loss in shallow lakes: a pan-European mesocosm experiment. Hydrobiologia, 2016, 778, 13-32.	2.0	17
391	Geochemical records of anoxic water mass expansion in an oligotrophic alpine lake (Yunnan Province,) Tj ETQq1 1 0.784314 rgBT /Ov	1.7	17
392	Responses of primary producers in shallow lakes to elevated temperature: a mesocosm experiment during the growing season of Potamogeton crispus. Aquatic Sciences, 2018, 80, 1.	1.5	17
393	Shallow lake restoration by nutrient loading reductionâ€"some recent findings and challenges ahead. , 2007, , 239-252.		17
394	Periphyton biomass, potential production and respiration in a shallow lake during winter and spring. Hydrobiologia, 2009, 632, 201-210.	2.0	16
395	Disturbance from pond management obscures local and regional drivers of assemblages of primary producers. Freshwater Biology, 2014, 59, 1406-1422.	2.4	16
396	Fish assemblage and diversity in lakes of western and central Turkey: role of geo-climatic and other environmental variables. Hydrobiologia, 2016, 771, 31-44.	2.0	16

#	Article	IF	Citations
397	Ecosystem change in the large and shallow Lake SÃkylÃn PyhÃjÃrvi, Finland, during the past ~400Âyears: implications for management. Hydrobiologia, 2016, 778, 273-294.	2.0	16
398	Allelopathic effect boosts Chrysosporum ovalisporum dominance in summer at the expense of Microcystis panniformis in a shallow coastal water body. Environmental Science and Pollution Research, 2017, 24, 4666-4675.	5.3	16
399	Sizeâ€based interactions across trophic levels in food webs of shallow Mediterranean lakes. Freshwater Biology, 2017, 62, 1819-1830.	2.4	16
400	Modeling the Ecological Response of a Temporarily Summer-Stratified Lake to Extreme Heatwaves. Water (Switzerland), 2020, 12, 94.	2.7	16
401	Influence of Farming Intensity and Climate on Lowland Stream Nitrogen. Water (Switzerland), 2020, 12, 1021.	2.7	16
402	How morphology shapes the parameter sensitivity of lake ecosystem models. Environmental Modelling and Software, 2021, 136, 104945.	4.5	16
403	Cascading Effects on Microbial Food Web Structure in a Dense Macrophyte Bed. Ecological Studies, 1998, , 262-273.	1.2	16
404	Role of plant architecture on littoral macroinvertebrates in temperate and subtropical shallow lakes: a comparative manipulative field experiment. , 2019, 38, 759-772.		16
405	Is trophic state or regional location the strongest determinant for Chl-a/TP relationships in lakes?. Aquatic Sciences, 2000, 62, 195-204.	1.5	15
406	Planktonic ciliate community structure in shallow lakes of lowland Western Europe. European Journal of Protistology, 2013, 49, 538-551.	1.5	15
407	Changes in Pelagic Fish Community Composition, Abundance, and Biomass along a Productivity Gradient in Subtropical Lakes. Water (Switzerland), 2021, 13, 858.	2.7	15
408	Small-sized omnivorous fish induce stronger effects on food webs than warming and eutrophication in experimental shallow lakes. Science of the Total Environment, 2021, 797, 148998.	8.0	15
409	Interactions between sediment and water in a shallow and hypertrophic lake: a study on phytoplankton collapses in Lake SÃ¸bygÃ¥rd, Denmark. , 1990, , 139-148.		15
410	Phenotypic responses of a submerged macrophyte (Vallisneria natans) to low light combined with water depth. Aquatic Botany, 2022, 176, 103462.	1.6	15
411	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.	8.0	15
412	Plankton dynamics under different climate conditions in tropical freshwater systems (a reply to the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	14
413	The population biology and life history traits of Eurasian ruffe [Gymnocephalus cernuus (L.), Pisces: Percidae] introduced into eutrophic and oligotrophic lakes in Northern Italy. Journal of Limnology, 2013, 72, 22.	1.1	14
414	Factors influencing nitrogen processing in lakes: an experimental approach. Freshwater Biology, 2015, 60, 646-662.	2.4	14

#	Article	IF	Citations
415	The response of Vallisneria spinulosa (Hydrocharitaceae) and plankton to pulse addition of inorganic nitrogen with different loading patterns. Hydrobiologia, 2016, 767, 175-184.	2.0	14
416	Factors controlling the stable isotope composition and C:N ratio of seston and periphyton in shallow lake mesocosms with contrasting nutrient loadings and temperatures. Freshwater Biology, 2017, 62, 1596-1613.	2.4	14
417	Temperature effects on periphyton, epiphyton and epipelon under a nitrogen pulse in low-nutrient experimental freshwater lakes. Hydrobiologia, 2017, 795, 267-279.	2.0	14
418	Fish but Not Macroinvertebrates Promote Trophic Cascading Effects in High Density Submersed Plant Experimental Lake Food Webs in Two Contrasting Climate Regions. Water (Switzerland), 2017, 9, 514.	2.7	14
419	Non-native Fish Occurrence and Biomass in 1943 Western Palearctic Lakes and Reservoirs and their Abiotic and Biotic Correlates. Ecosystems, 2018, 21, 395-409.	3.4	14
420	Modelling the fate and transport of Cryptosporidium, a zoonotic and waterborne pathogen, in the Daning River watershed of the Three Gorges Reservoir Region, China. Journal of Environmental Management, 2019, 232, 462-474.	7.8	14
421	Large-scale geographical and environmental drivers of shallow lake diatom metacommunities across Europe. Science of the Total Environment, 2020, 707, 135887.	8.0	14
422	Lake types and their definition: a case study from Denmark. Inland Waters, 2020, 10, 227-240.	2.2	14
423	Influences of climate and nutrient enrichment on the multiple trophic levels of Turkish shallow lakes. Inland Waters, 2020, 10, 173-185.	2.2	14
424	Horizontal dynamics of Zooplankton in subtropical Lake Bianca (Uruguay) hosting multiple Zooplankton predators and aquatic plant refuges. , 2007, , 179-189.		14
425	Macrophyte-Waterfowl Interactions: Tracking a Variable Resource and the Impact of Herbivory on Plant Growth. Ecological Studies, 1998, , 298-306.	1.2	14
426	Environmental Impactsâ€"Lake Ecosystems. Regional Climate Studies, 2016, , 315-340.	1.2	14
427	Rapid changes in fish community structure and habitat distribution following the precipitation of lake phosphorus with aluminium. Freshwater Biology, 2010, 55, 1036-1049.	2.4	13
428	Inferring a single variable from an assemblage with multiple controls: getting into deep water with cladoceran lake-depth transfer functions. Hydrobiologia, 2011, 676, 129-142.	2.0	13
429	Is Recovery of Large-Bodied Zooplankton after Nutrient Loading Reduction Hampered by Climate Warming? A Long-Term Study of Shallow Hypertrophic Lake SÃ¸bygaard, Denmark. Water (Switzerland), 2016, 8, 341.	2.7	13
430	Response of Vallisneria natans to Increasing Nitrogen Loading Depends on Sediment Nutrient Characteristics. Water (Switzerland), 2016, 8, 563.	2.7	13
431	Multi-proxy palaeoecological responses to water-level fluctuations in three shallow Turkish lakes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 449, 553-566.	2.3	13
432	Biomanipulation-induced reduction of sediment phosphorus release in a tropical shallow lake. Hydrobiologia, 2017, 794, 49-57.	2.0	13

#	Article	IF	Citations
433	Effects of Exposed Artificial Substrate on the Competition between Phytoplankton and Benthic Algae: Implications for Shallow Lake Restoration. Water (Switzerland), 2017, 9, 24.	2.7	13
434	Patterns of microbial food webs in Mediterranean shallow lakes with contrasting nutrient levels and predation pressures. Hydrobiologia, 2018, 806, 13-27.	2.0	13
435	Effects of Artificial LED Light on the Growth of Three Submerged Macrophyte Species during the Low-Growth Winter Season: Implications for Macrophyte Restoration in Small Eutrophic Lakes. Water (Switzerland), 2019, 11, 1512.	2.7	13
436	Impact of Nutrients, Temperatures, and a Heat Wave on Zooplankton Community Structure: An Experimental Approach. Water (Switzerland), 2020, 12, 3416.	2.7	13
437	Energyâ€based topâ€down and bottomâ€up relationships between fish community energy demand or production and phytoplankton across lakes at a continental scale. Limnology and Oceanography, 2020, 65, 892-902.	3.1	13
438	How does fish functional diversity respond to environmental changes in two large shallow lakes?. Science of the Total Environment, 2021, 753, 142158.	8.0	13
439	Semi-automated classification of colonial Microcystis by FlowCAM imaging flow cytometry in mesocosm experiment reveals high heterogeneity during seasonal bloom. Scientific Reports, 2021, 11, 9377.	3.3	13
440	Non-native fishes homogenize native fish communities and reduce ecosystem multifunctionality in tropical lakes over 16 years. Science of the Total Environment, 2021, 769, 144524.	8.0	13
441	Warming and eutrophication interactively drive changes in the methane-oxidizing community of shallow lakes. ISME Communications, 2021, 1, .	4.2	13
442	Interclonal variation in diel horizontal migration behaviour of the water flea Daphnia magnaâ€"searching for a signature of adaptive evolution. Hydrobiologia, 2007, 594, 117-129.	2.0	12
443	Short-and long term niche segregation and individual specialization of brown trout (Salmo trutta) in species poor Faroese lakes. Environmental Biology of Fishes, 2012, 93, 305-318.	1.0	12
444	Climate-driven changes in water level: a decadal scale multi-proxy study recording the 8.2-ka event and ecosystem responses in Lake Sarup (Denmark). Journal of Paleolimnology, 2013, 49, 267-285.	1.6	12
445	Dominance ofMyriophyllum spicatumin submerged macrophyte communities associated with grass carp. Knowledge and Management of Aquatic Ecosystems, 2016, , 24.	1.1	12
446	Influence of riparian forests on fish assemblages in temperate lowland streams. Environmental Biology of Fishes, 2016, 99, 133-144.	1.0	12
447	Nutrient availability limits biological production in Arctic sea ice melt ponds. Polar Biology, 2017, 40, 1593-1606.	1.2	12
448	Indirect effects of extreme precipitation on the growth of Vallisneria denseserrulata Makino. Environmental and Experimental Botany, 2018, 153, 229-235.	4.2	12
449	Differences in food webs and trophic states of Brazilian tropical humid and semi-arid shallow lakes: implications of climate change. Hydrobiologia, 2019, 829, 95-111.	2.0	12
450	Variation in growth, reproduction, and resource allocation in anÂaquatic plant, Vallisneria spinulosa: the influence of amplitude and frequency of water level fluctuations. Aquatic Sciences, 2020, 82, 1.	1.5	12

#	Article	IF	Citations
451	Diel variation in horizontal distribution of Daphnia and Ceriodaphnia in oligotrophic and mesotrophic lakes with contrasting fish densities. , 1999, , 241-250.		12
452	Can the â€œ10-year fishing banâ€•rescue biodiversity of the Yangtze River?. Innovation(China), 2022, 3, 100235.	9.1	12
453	Aquatic macrophyte fluctuations since the 1900s in the third largest Chinese freshwater lake (Lake) Tj ETQq1 1 0.784314 rgBT /Overl	5.0	12
454	Can top-down effects of planktivorous fish removal be used to mitigate cyanobacterial blooms in large subtropical highland lakes?. Water Research, 2022, 218, 118483.	11.3	12
455	Body size and trophic cascades in lakes. , 0, , 118-139.		11
456	Living in an oasis: Rapid transformations, resilience, and resistance in the North Water Area societies and ecosystems. Ambio, 2018, 47, 296-309.	5.5	11
457	Cannibalism and Habitat Selection of Cultured Chinese Mitten Crab: Effects of Submerged Aquatic Vegetation with Different Nutritional and Refuge Values. Water (Switzerland), 2018, 10, 1542.	2.7	11
458	Decadal changes in zooplankton biomass, composition, and body mass in four shallow brackish lakes in Denmark subjected to varying degrees of eutrophication. Inland Waters, 2020, 10, 186-196.	2.2	11
459	Do bigheaded carp act as a phosphorus source for phytoplankton in (sub)tropical Chinese reservoirs?. Water Research, 2020, 180, 115841.	11.3	11
460	Are nitrous oxide emissions indirectly fueled by input of terrestrial dissolved organic nitrogen in a large eutrophic Lake Taihu, China?. Science of the Total Environment, 2020, 722, 138005.	8.0	11
461	A small omnivorous bitterling fish (Acheilognathus macropterus) facilitates dominance of cyanobacteria, rotifers and Limnodrilus in an outdoor mesocosm experiment. Environmental Science and Pollution Research, 2020, 27, 23862-23870.	5.3	11
462	Eutrophication increases deterministic processes and heterogeneity of co-occurrence networks of bacterioplankton metacommunity assembly at a regional scale in tropical coastal reservoirs. Water Research, 2021, 202, 117460.	11.3	11
463	Water clarity response to climate warming and wetting of the Inner Mongolia-Xinjiang Plateau: A remote sensing approach. Science of the Total Environment, 2021, 796, 148916.	8.0	11
464	Effects of DOC addition from different sources on phytoplankton community in a temperate eutrophic lake: An experimental study exploring lake compartments. Science of the Total Environment, 2022, 803, 150049.	8.0	11
465	Effect of Extreme Climate Events on Lake Ecosystems. Water (Switzerland), 2021, 13, 282.	2.7	11
466	Recovery from Eutrophication. , 2003, , 135-175.		11
467	Metagenomics reveals bacterioplankton community adaptation to long-term thermal pollution through the strategy of functional regulation in a subtropical bay. Water Research, 2022, 216, 118298.	11.3	11
468	Combined effects of eutrophication and warming on polyunsaturated fatty acids in complex phytoplankton communities: A mesocosm experiment. Science of the Total Environment, 2022, 843, 157001.	8.0	11

#	Article	IF	Citations
469	Title is missing!. Aquatic Ecology, 1999, 33, 167-173.	1.5	10
470	Ecological Instability in Lakes: A Predictable Condition?. Environmental Science & Technology, 2016, 50, 3285-3286.	10.0	10
471	Inferring past environmental changes in three Turkish lakes from sub-fossil Cladocera. Hydrobiologia, 2016, 778, 295-312.	2.0	10
472	Effect of a nitrogen pulse on ecosystem N processing at different temperatures: A mesocosm experiment with ¹⁵NO₃^{â˜} addition. Freshwater Biology, 2017, 62, 1232-1243.	2.4	10
473	Size diversity and species diversity relationships in fish assemblages of Western Palearctic lakes. Ecography, 2018, 41, 1064-1076.	4.5	10
474	Contrasting patterns of freshwater microbial metabolic potentials and functional gene interactions between an acidic mining lake and a weakly alkaline lake. Limnology and Oceanography, 2018, 63, S354.	3.1	10
475	Stocking of herbivorous fish in eutrophic shallow clear-water lakes to reduce standing height of submerged macrophytes while maintaining their biomass. Ecological Engineering, 2018, 113, 61-64.	3.6	10
476	Bio-cord plays a similar role as submerged macrophytes in harboring bacterial assemblages in an eco-ditch. Environmental Science and Pollution Research, 2018, 25, 26550-26561.	5.3	10
477	Effects of lake restoration on breeding abundance of globally declining common pochard (Aythya) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	10
478	Effects of Crucian Carp (Carassius auratus) on Water Quality in Aquatic Ecosystems: An Experimental Mesocosm Study. Water (Switzerland), 2020, 12, 1444.	2.7	10
479	Subfossil cladocerans as quantitative indicators of past ecological conditions in Yangtze River Basin lakes, China. Science of the Total Environment, 2020, 728, 138794.	8.0	10
480	Nutrient Loading, Temperature and Heat Wave Effects on Nutrients, Oxygen and Metabolism in Shallow Lake Mesocosms Pre-Adapted for 11 Years. Water (Switzerland), 2021, 13, 127.	2.7	10
481	Responses of submerged macrophytes and periphyton to warming under two nitrogen scenarios: A microcosm study. Hydrobiologia, 2021, 848, 1333-1346.	2.0	10
482	Omnivorous Carp (Carassius gibelio) Increase Eutrophication in Part by Preventing Development of Large-Bodied Zooplankton and Submerged Macrophytes. Water (Switzerland), 2021, 13, 1497.	2.7	10
483	High-resolution reconstruction of typhoon events since ~1850ÂCE based on multi-proxy sediment records in a coastal lagoon, South China. Science of the Total Environment, 2022, 803, 150063.	8.0	10
484	Use of Cladoceran Resting Eggs to Trace Climate-driven and Anthropogenic Changes in Aquatic Ecosystems. , 2007, , 135-157.		10
485	Pike (Esox lucius L.) stocking as a biomanipulation tool 2. Effects on lower trophic levels in Lake Lyng, Denmark. , 1997, , 319-325.		10
486	Geochemical baseline establishment and pollution assessment of heavy metals in the largest coastal lagoon (Pinqing Lagoon) in China mainland. Marine Pollution Bulletin, 2022, 177, 113459.	5.0	10

#	Article	IF	Citations
487	Increased Water Abstraction and Climate Change Have Substantial Effect on Morphometry, Salinity, and Biotic Communities in Lakes: Examples from the Semi-Arid Burdur Basin (Turkey). Water (Switzerland), 2022, 14, 1241.	2.7	10
488	Water depth and land-use intensity indirectly determine phytoplankton functional diversity and further regulate resource use efficiency at a multi-lake scale. Science of the Total Environment, 2022, 834, 155303.	8.0	10
489	Invasive and toxic cyanobacteria regulate allochthonous resource use and community niche width of reservoir zooplankton. Freshwater Biology, 2022, 67, 1344-1356.	2.4	10
490	An evolutionary perspective on the resistance of <scp>D</scp>aphnia to the epizoic rotifer <scp>B</scp>rachionus rubens. Freshwater Biology, 2014, 59, 1247-1256.	2.4	9
491	Colonization history and clonal richness of asexual Daphnia in periglacial habitats of contrasting age in West Greenland. Journal of Animal Ecology, 2016, 85, 1108-1117.	2.8	9
492	Higher Tolerance of Canopy-Forming Potamogeton crispus Than Rosette-Forming Vallisneria natans to High Nitrogen Concentration as Evidenced From Experiments in 10 Ponds With Contrasting Nitrogen Levels. Frontiers in Plant Science, 2018, 9, 1845.	3.6	9
493	Pigments in surface sediments of South American shallow lakes as an integrative proxy for primary producers and their drivers. Freshwater Biology, 2019, 64, 1437-1452.	2.4	9
494	Leaf Soluble Carbohydrates, Free Amino Acids, Starch, Total Phenolics, Carbon and Nitrogen Stoichiometry of 24 Aquatic Macrophyte Species Along Climate Gradients in China. Frontiers in Plant Science, 2019, 10, 442.	3.6	9
495	A comparative study of three different methods for assessing fish communities in a small eutrophic lake. Ecology of Freshwater Fish, 2019, 28, 341-352.	1.4	9
496	Abiotic and biotic drivers of temporal dynamics in the spatial heterogeneity of zooplankton communities across lakes in recovery from eutrophication. Science of the Total Environment, 2021, 778, 146368.	8.0	9
497	Periphyton biomass and life-form responses to a gradient of discharge in contrasting light and nutrients scenarios in experimental lowland streams. Science of the Total Environment, 2022, 806, 150505.	8.0	9
498	Cascading effects of benthic fish impede reinstatement of clear water conditions in lakes: A mesocosm study. Journal of Environmental Management, 2022, 301, 113898.	7.8	9
499	Regime shifts in a shallow lake over 12 years: Consequences for taxonomic and functional diversities, and ecosystem multifunctionality. Journal of Animal Ecology, 2021, , .	2.8	9
500	Human impact on current environmental state in Chinese lakes. Journal of Environmental Sciences, 2023, 126, 297-307.	6.1	9
501	Daily net ecosystem production in lakes predicted from midday dissolved oxygen saturation: analysis of a fiveâ€year high frequency dataset from 24 mesocosms with contrasting trophic states and temperatures. Limnology and Oceanography: Methods, 2013, 11, 202-212.	2.0	8
502	Temporal trends and variability in a high-arctic ecosystem in Greenland: multidimensional analyses of limnic and terrestrial ecosystems. Polar Biology, 2014, 37, 1073-1082.	1.2	8
503	The effects of cadmium pulse dosing on physiological traits and growth of the submerged macrophyte Vallisneria spinulosa and phytoplankton biomass: a mesocosm study. Environmental Science and Pollution Research, 2017, 24, 15308-15314.	5.3	8
504	To measure chlorophyll or phytoplankton biovolume: an aquatic conundrum with implications for the management of lakes. Lake and Reservoir Management, 2019, 35, 181-192.	1.3	8

#	Article	IF	Citations
505	Horizontal distribution of pelagic crustacean zooplankton biomass and body size in contrasting habitat types in Lake Poyang, China. Environmental Science and Pollution Research, 2019, 26, 2270-2280.	5.3	8
506	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.	8.0	8
507	Water column nutrient concentrations are related to excretion by benthic invertebrates in Lake Taihu, China. Environmental Pollution, 2020, 261, 114161.	7.5	8
508	Modelâ€based decomposition of environmental, spatial and speciesâ€interaction effects on the community structure of common fish species in 772 European lakes. Global Ecology and Biogeography, 2021, 30, 1558-1571.	5.8	8
509	The impacts of extreme climate on summer-stratified temperate lakes: Lake SÃ¸holm, Denmark, as an example. Hydrobiologia, 2021, 848, 3521-3537.	2.0	8
510	Invasion of Ceratium furcoides in subtropical lakes in Uruguay: Environmental drivers and fish kill record during its bloom. Biological Invasions, 2021, 23, 3597-3612.	2.4	8
511	Diurnal variation in the oxygen uptake of river sedimentsin vitro by use of continuous flow-through systems. Hydrobiologia, 1982, 91-92, 189-195.	2.0	7
512	A continuous-flow system for measuring in vitro oxygen and nitrogen metabolism in separated stream communities. Freshwater Biology, 1991, 26, 495-506.	2.4	7
513	Water level and fish-mediated cascading effects on the microbial community in eutrophic warm shallow lakes: a mesocosm experiment. Hydrobiologia, 2014, 740, 25-35.	2.0	7
514	Use of Multi-Carbon Sources by Zooplankton in an Oligotrophic Lake in the Tibetan Plateau. Water (Switzerland), 2016, 8, 565.	2.7	7
515	Role of predation in biological communities in naturally eutrophic sub-Arctic Lake MÃ½vatn, Iceland. Hydrobiologia, 2017, 790, 213-223.	2.0	7
516	Multiple stabilizing pathways in wetland plant communities subjected to an elevation gradient. Ecological Indicators, 2019, 104, 704-710.	6.3	7
517	Relationships between breeding waterbird abundance, diversity, and clear water status after the restoration of two shallow nutrientâ€rich Danish lakes. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 237-245.	2.0	7
518	Turning up the heat: warming influences plankton biomass and spring phenology in subtropical waters characterized by extensive fish omnivory. Oecologia, 2020, 194, 251-265.	2.0	7
519	Longâ€term changes in littoral fish community structure and resilience of total catch to reâ€oligotrophication in a large, periâ€alpine European lake. Freshwater Biology, 2020, 65, 1325-1336.	2.4	7
520	Species-specific responses of submerged macrophytes to the presence of a small omnivorous bitterling Acheilognathus macropterus. Science of the Total Environment, 2021, 753, 141998.	8.0	7
521	Metadata of European Lake Fishes Dataset. Freshwater Metadata Journal, 0, , 1-8.	0.0	7
522	The impact of climate change and eutrophication on phosphorus forms in sediment: Results from a long-term lake mesocosm experiment. Science of the Total Environment, 2022, 825, 153751.	8.0	7

#	Article	IF	Citations
523	Asexual reproduction for overwintering of the submersed macrophyte Vallisneria spinulosa at different light intensities. Aquatic Sciences, 2022, 84, 1.	1.5	7
524	Macroecological Patterns of Resilience Inferred from a Multinational, Synchronized Experiment. Sustainability, 2015, 7, 1142-1160.	3.2	6
525	The response of phytoplankton communities to experimentally elevated temperatures in the presence and absence of Potamogeton crispus. Algal Research, 2018, 35, 539-546.	4.6	6
526	Effects of co-occurrence of invading Procambarus clarkii and Pomacea canaliculata on Vallisneria denseserrulata-dominated clear-water ecosystems: a mesocosm approach. Knowledge and Management of Aquatic Ecosystems, 2021, , 29.	1.1	6
527	Warming exacerbates the impact of nutrient enrichment on microbial functional potentials important to the nutrient cycling in shallow lake mesocosms. Limnology and Oceanography, 2021, 66, 2481-2495.	3.1	6
528	Farming practices affect the amino acid profiles of the aquaculture Chinese mitten crab. PeerJ, 2021, 9, e11605.	2.0	6
529	Copepods as environmental indicator in lakes: special focus on changes in the proportion of calanoids along nutrient and pH gradients. Aquatic Ecology, 2021, 55, 1241-1252.	1.5	6
530	Comparing microbial composition and diversity in freshwater lakes between Greenland and the Tibetan Plateau. Limnology and Oceanography, 2021, 66, S142.	3.1	6
531	Do interactions between eutrophication and CO2 enrichment increase the potential of elodeid invasion in tropical lakes?. Biological Invasions, 2020, 22, 2787-2795.	2.4	6
532	Large fish forage lower in the food web and food webs are more truncated in warmer climates. Hydrobiologia, 0, , 1.	2.0	6
533	Effects of climate change and nutrient concentrations on carbon sources for zooplankton in a Tibetan Plateau lake over the past millennium. Journal of Paleolimnology, 2022, 68, 249-263.	1.6	6
534	Piscivore stocking significantly suppresses small fish but does not facilitate a clear-water state in subtropical shallow mesocosms: A biomanipulation experiment. Science of the Total Environment, 2022, 842, 156967.	8.0	6
535	Species-Specific Responses of Submerged Macrophytes to Simulated Extreme Precipitation: A Mesocosm Study. Water (Switzerland), 2019, 11, 1160.	2.7	5
536	Beta Diversity Partitioning and Drivers of Variations in Fish Assemblages in a Headwater Stream: Lijiang River, China. Water (Switzerland), 2019, 11, 680.	2.7	5
537	Patterns of Seasonal Stability of Lake Phytoplankton Mediated by Resource and Grazer Control During Two Decades of Re-oligotrophication. Ecosystems, 2021, 24, 911-925.	3.4	5
538	Interaction between non-native predatory fishes and native galaxiids (Pisces: Galaxiidae) shapes food web structure in Tasmanian lakes. Inland Waters, 2020, 10, 212-226.	2.2	5
539	Intraguild predation dampens trophic cascades in shallow aquatic mesocosms in the subtropics: Implications for lake restoration by biomanipulation. Freshwater Biology, 2021, 66, 1571-1580.	2.4	5
540	Diet and food selection by fish larvae in turbid and clear water shallow temperate lakes. Science of the Total Environment, 2022, 804, 150050.	8.0	5

#	Article	IF	Citations
541	Bacterioplankton and Carbon Turnover in a Dense Macrophyte Canopy. Ecological Studies, 1998, , 250-261.	1.2	5
542	Decreasing toxicity of un-ionized ammonia on the gastropod Bellamya aeruginosa when moving from laboratory to field scale. Ecotoxicology and Environmental Safety, 2021, 227, 112933.	6.0	5
543	The importance of allochthonous organic matter quality when investigating pulse disturbance events in freshwater lakes: a mesocosm experiment. Hydrobiologia, 2022, 849, 3905-3929.	2.0	5
544	Submerged macrophytes in Danish lakes: impact of morphological and chemical factors on abundance and species richness. Hydrobiologia, 0, , 1.	2.0	5
545	Do Cross-Latitude and Local Studies Give Similar Predictions of Phytoplankton Responses to Warming? An Analysis of Monitoring Data from 504 Danish Lakes. Sustainability, 2021, 13, 14049.	3.2	5
546	Effects of Elevated Temperature on Resources Competition of Nutrient and Light Between Benthic and Planktonic Algae. Frontiers in Environmental Science, 2022, 10, .	3.3	5
547	Changes in Phytoplankton Community Composition and Phytoplankton Cell Size in Response to Nitrogen Availability Depend on Temperature. Microorganisms, 2022, 10, 1322.	3.6	5
548	Could artificial plant beds favour microcrustaceans during biomanipulation of eutrophic shallow lakes?. Hydrobiologia, 2017, 802, 221-233.	2.0	4
549	Stable isotope signatures of Holocene syngenetic permafrost trace seabird presence in the Thule District (NW Greenland). Biogeosciences, 2019, 16, 4261-4275.	3.3	4
550	The host mussel Sinanodonta woodiana alleviates negative effects of a small omnivorous fish (Acheilognathus macropterus) on water quality: A mesocosm experiment. Freshwater Science, 2020, 39, 752-761.	1.8	4
551	Effects of omnivorous fish on benthic-pelagic habitats coupling in shallow aquatic ecosystems: A minireview. Hupo Kexue/Journal of Lake Sciences, 2021, 33, 667-674.	0.8	4
552	Impacts of Human Activities and Climate Change on Freshwater Fish. Water (Switzerland), 2021, 13, 3068.	2.7	4
553	Community-level and function response of photoautotrophic periphyton exposed to oxytetracycline hydrochloride. Environmental Pollution, 2022, 294, 118593.	7.5	4
554	Submersed macrophyte restoration with artificial light-emitting diodes: A mesocosm experiment. Ecotoxicology and Environmental Safety, 2021, 228, 113044.	6.0	4
555	Increased Nitrogen Loading Boosts Summer Phytoplankton Growth by Alterations in Resource and Zooplankton Control: A Mesocosm Study. Frontiers in Environmental Science, 2021, 9, .	3.3	4
556	Seabird-mediated transport of organohalogen compounds to remote sites (North West Greenland) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.0	4
557	Fish communities in Italian sub-alpine lakes: Non-native species and anthropogenic pressures increase community dissimilarities. Science of the Total Environment, 2022, 832, 154959.	8.0	4
558	Climate and landscape changes enhance the global spread of a bloom-forming dinoflagellate related to fish kills and water quality deterioration. Ecological Indicators, 2021, 133, 108408.	6.3	4

#	Article	IF	Citations
559	Reply to Cao et al.'s comment on â€œDoes the responses of Vallisneria natans (Lour.) Hara to high nitrogen loading differ between the summer high-growth season and the low-growth season? Science of the Total Environment 601â€“602 (2017) 1513â€“1521â€. Science of the Total Environment, 2018, 615, 1093-1094.	8.0	3
560	Fish shift the feeding behaviour and trophic niche diversification of their prey in subarctic Lake MÃ½vatn, Iceland. Hydrobiologia, 2018, 816, 243-254.	2.0	3
561	Carbon Transfer from Cyanobacteria to Pelagic and Benthic Consumers in a Subtropical Lake: Evidence from a 13C Labelling Experiment. Water (Switzerland), 2019, 11, 1536.	2.7	3
562	Preface: Shallow lakes research: advances and perspectives. Hydrobiologia, 2019, 829, 1-4.	2.0	3
563	Using Freshwater Bivalves (Corbicula Fluminea) to Alleviate Harmful Effects of Small-Sized Crucian Carp (Carassius Carassius) on Growth of Submerged Macrophytes during Lake Restoration by Biomanipulation. Water (Switzerland), 2020, 12, 3161.	2.7	3
564	Distribution patterns of epiphytic reed-associated macroinvertebrate communities across European shallow lakes. Science of the Total Environment, 2021, 760, 144117.	8.0	3
565	Assessing Impacts of Changes in External Nutrient Loadings on a Temperate Chinese Drinking Water Reservoir. Frontiers in Environmental Science, 2021, 9, .	3.3	3
566	Lake Restoration. Encyclopedia of Earth Sciences Series, 2012, , 455-458.	0.1	3
567	Combining lanthanum-modified bentonite (LMB) and submerged macrophytes alleviates water quality deterioration in the presence of omni-benthivorous fish. Journal of Environmental Management, 2022, 314, 115036.	7.8	3
568	Food Webs and Fish Size Patterns in Insular Lakes Partially Support Climate-Related Features in Continental Lakes. Water (Switzerland), 2021, 13, 1380.	2.7	2
569	Consumer-driven nutrient release to the water by a small omnivorous fish enhanced ramet production but reduced the growth rate of the submerged macrophyte Vallisneria denseserrulata (Makino) Makino. Hydrobiologia, 2021, 848, 4335-4346.	2.0	2
570	Human activities uncouple the cascading effects of hydrological gradients on plant diversity and ecosystem functions in the Lake Dongting wetland. Ecohydrology, 2022, 15, e2359.	2.4	2
571	Can artificial light promote submerged macrophyte growth in summer?. Aquatic Ecology, 0, , 1.	1.5	2
572	Responses of coastal sediment phosphorus release to elevated urea loading. Marine Pollution Bulletin, 2022, 174, 113203.	5.0	2
573	Periphyton responses to nitrogen decline and warming in eutrophic shallow lake mesocosms. Hydrobiologia, 0, , 1.	2.0	2
574	Response of northern temperate shallow lakes to reduced nutrient loading, with special emphasis on Danish lakes. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2005, 29, 115-122.	0.1	1
575	Physiological adaptations of the submerged macrophyte Vallisneria spinulosa in response to water level fluctuations. Aquatic Ecology, 2021, 55, 33-45.	1.5	1
576	Does differential phosphorus processing by plankton influence the ecological state of shallow lakes?. Science of the Total Environment, 2021, 769, 144357.	8.0	1

#	Article	IF	Citations
577	The influence of spring warming and food chain length on plankton phenology in subtropical shallow lakes: a mesocosm study. Journal of Plankton Research, 2022, 44, 73-87.	1.8	1
578	Adaptive microevolutionary responses to simulated global warming in Simocephalus vetulus: a mesocosm study. Global Change Biology, 2007, .	9.5	1
579	Effects of Nitrogen Input on Community Structure of the Denitrifying Bacteria with Nitrous Oxide Reductase Gene (nosZ I): a Long-Term Pond Experiment. Microbial Ecology, 2023, 85, 454-464.	2.8	1
580	Potential effects of warming on the trophic structure of shallow lakes in South America: a comparative analysis of subtropical and tropical systems. Hydrobiologia, 0, , 1.	2.0	1
581	Effects of High Ammonium Loading on Two Submersed Macrophytes of Different Growth Form Based on an 18-Month Pond Experiment. Frontiers in Plant Science, 0, 13, .	3.6	1
582	Phytoplankton response to winter warming modified by large-bodied zooplankton: an experimental microcosm study. Journal of Limnology, 2014, , .	1.1	0
583	Brian Moss: the wizard of shallow lakes. Inland Waters, 2020, 10, 153-158.	2.2	0
584	A 15-year Study of the Spatial Distribution of Rutilus rutilus and Perca fluviatilis in Late Summer in Two Shallow Lakes With Contrasting Trophic State. Journal of Limnology and Freshwater Fisheries Research, 0, , .	0.3	0
585	Influence of nutrients, submerged macrophytes and zooplankton grazing on phytoplankton biomass and diversity along a latitudinal gradient in Europe. , 2010, , 79-90.		0
586	Sediment oxygen demand in streams : lab measurements underestimate in situ rates substantially. Mongolian Journal of Chemistry, 2021, 22, 19-24.	0.3	0
587	Flow pulses shape periphyton differently according to local light and nutrient conditions in experimental lowland streams. Freshwater Biology, 2022, 67, 1272-1286.	2.4	0