

Stratification of lakes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stratification of very deep, thermally stratified lakes. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	33
2	Lakes as sentinels of climate change. <i>Limnology and Oceanography</i> , 2009, 54, 2283-2297.	3.1	1,314
3	Assessing groundwater coupling and vertical exchange in a meromictic mining lake with an SF6-tracer experiment. <i>Journal of Hydrology</i> , 2009, 372, 102-108.	5.4	28
4	Deep water stratification in deep caldera lakes Ikeda, Towada, Tazawa, Kuttara, Toya and Shikotsu. <i>Limnology</i> , 2009, 10, 17-24.	1.5	11
5	Changes in thermal and oxygen stratification pattern coupled to CO2 outgassing persistence in two oligotrophic shallow lakes of the Atlantic Tropical Forest, Southeast Brazil. <i>Limnology</i> , 2009, 10, 195-202.	1.5	19
6	Physico-chemical gradients and meromictic stratification in Cueva de la Mora and other acidic pit lakes of the Iberian Pyrite Belt. <i>Mine Water and the Environment</i> , 2009, 28, 15-29.	2.0	46
7	A morphometrically based method for predicting water layer boundaries in meromictic lakes. <i>Hydrobiologia</i> , 2009, 636, 413-419.	2.0	5
8	Doubleâ€diffusive deep water circulation in an ironâ€meromictic lake. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	29
9	Density Stratification and Stability. , 2009, , 583-593.		11
10	Exceptional mixing events in meromictic Lake Lugano (Switzerland/Italy), studied using environmental tracers. <i>Limnology and Oceanography</i> , 2009, 54, 1113-1124.	3.1	49
11	Geochemical Evolution of a High Arsenic, Alkaline Pit-Lake in the Mother Lode Gold District, California. <i>Economic Geology</i> , 2009, 104, 1171-1211.	3.8	16
12	Calculating density of water in geochemical lake stratification models. <i>Limnology and Oceanography: Methods</i> , 2010, 8, 567-574.	2.0	23
13	Mixing and its effects on biogeochemistry in the persistently stratified, deep, tropical Lake Matano, Indonesia. <i>Limnology and Oceanography</i> , 2010, 55, 763-776.	3.1	36
14	Morphological Characterization of Viruses in the Stratified Water Column of Alkaline, Hypersaline Mono Lake. <i>Microbial Ecology</i> , 2010, 60, 636-643.	2.8	33
15	Some generalizations based on stratification and vertical mixing in meromictic Lake Shira, Russia, in the period 2002â€2009. <i>Aquatic Ecology</i> , 2010, 44, 485-496.	1.5	43
16	Vertical stratification of physical, chemical and biological components in two saline lakes Shira and Shunet (South Siberia, Russia). <i>Aquatic Ecology</i> , 2010, 44, 619-632.	1.5	51
17	Evidence for double diffusion in temperate meromictic lakes. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 667-674.	4.9	21
18	Wind sheltering of a lake by a tree canopy or bluff topography. <i>Water Resources Research</i> , 2010, 46, .	4.2	95

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19	Local variability of sedimentation rate in Lake Arendsee, Germany. <i>Limnologica</i> , 2010, 40, 97-101.	1.5	10
20	High accuracy measurements of water storage change in Mining Lake 111, Germany. <i>Limnologica</i> , 2010, 40, 156-160.	1.5	7
21	Schwertmannite and hydrobasaluminite: A re-evaluation of their solubility and control on the iron and aluminium concentration in acidic pit lakes. <i>Applied Geochemistry</i> , 2011, 26, 1752-1774.	3.0	122
22	Black Sea "Lake" reservoir age evolution since the Last Glacial " Hydrologic and climatic implications. <i>Earth and Planetary Science Letters</i> , 2011, 308, 245-258.	4.4	82
23	Oxygen depletion induced by adding whey to an enclosure in an acidic mine pit lake. <i>Ecological Engineering</i> , 2011, 37, 1983-1989.	3.6	9
24	Consequences of changes in thermal regime for plankton diversity and trait composition in a polymictic lake: a matter of temporal scale. <i>Freshwater Biology</i> , 2011, 56, 1949-1961.	2.4	53
25	Morphometry and trophic state modify the thermal response of lakes to meteorological forcing. <i>Hydrobiologia</i> , 2011, 667, 241-254.	2.0	16
26	Modeling Geochemically Caused Permanent Stratification in Lake Waldsee (Germany). <i>Aquatic Geochemistry</i> , 2011, 17, 265-280.	1.3	11
27	Changes in stratification and iron redox cycle of an acidic pit lake in relation with climatic factors and physical processes. <i>Journal of Geochemical Exploration</i> , 2012, 116-117, 40-50.	3.2	14
28	Modeling of temperature and turbidity in a natural lake and a reservoir connected by pumped-storage operations. <i>Water Resources Research</i> , 2012, 48, .	4.2	24
29	Impact of climate change on Cannonsville Reservoir thermal structure in the New York City water supply. <i>Water Quality Research Journal of Canada</i> , 2012, 47, 389-405.	2.7	16
30	Effects of climate change on the thermal structure of lakes in the Asian Monsoon Area. <i>Climatic Change</i> , 2012, 112, 859-880.	3.6	32
31	Effects of wind-driven circulation on river intrusion in Lake Tegel: modeling study with projection on transport of pollutants. <i>Environmental Fluid Mechanics</i> , 2012, 12, 321-339.	1.6	18
32	Contribution of Solutes to Density Stratification in a Meromictic Lake (Waldsee/Germany). <i>Mine Water and the Environment</i> , 2012, 31, 129-137.	2.0	28
33	Numerical modeling on transition of dominant algae in Lake Kitaura, Japan. <i>Ecological Modelling</i> , 2012, 242, 146-163.	2.5	11
34	Conditions for deposition of annually laminated sediments in small meromictic lakes: a case study of Lake Suminko (northern Poland). <i>Journal of Paleolimnology</i> , 2012, 47, 55-70.	1.6	46
35	Four years of continuous monitoring of the Meirama end-pit lake and its impact in the definition of future uses. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7520-7533.	5.3	15
36	On the heat storage in Solar Updraft Tower collectors " Water bags. <i>Solar Energy</i> , 2013, 91, 22-31.	6.1	24

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37	Thermobaric stratification in very deep Norwegian freshwater lakes. <i>Journal of Great Lakes Research</i> , 2013, 39, 690-695.	1.9	17
38	Geochemical insight into differences in the physical structures and dynamics of two adjacent maar lakes at Mt. Vulture volcano (southern Italy). <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1411-1434.	2.5	12
39	Deep water renewal in Lake Baikal: A model for long-term analyses. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 6717-6733.	2.6	19
40	The role of surface water and mine groundwater in the chemical stratification of an acidic pit lake (Iberian Pyrite Belt, Spain). <i>Journal of Hydrology</i> , 2013, 490, 21-31.	5.4	13
41	Calcium, magnesium and strontium cycling in stratified, hardwater lakes: Lake Kinneret (Sea of Galilee). <i>Journal of Great Lakes Research</i> , 2013, 39, 50-58.	3.9	26
42	Thermal stratification patterns in urban ponds and their relationships with vertical nutrient gradients. <i>Journal of Environmental Management</i> , 2013, 127, 317-323.	7.8	61
43	The unique environment of the most acidified permanently meromictic lake in the Czech Republic. <i>Limnologica</i> , 2013, 43, 417-426.	1.5	26
44	Implications of seasonal mixing for phytoplankton production and bloom development. <i>Theoretical Ecology</i> , 2013, 6, 115-129.	1.0	21
45	Hydrodynamic modelling of the microbial water quality in a drinking water source as input for risk reduction management. <i>Journal of Hydrology</i> , 2013, 497, 15-23.	5.4	41
46	Geothermal heat flux into deep caldera lakes Shikotsu, Kuttara, Tazawa and Towada. <i>Limnology</i> , 2013, 14, 129-134.	1.5	9
47	Environmental Management of Aznalc��llar Mine and Its Influence in the Hydrogeochemical of the Pit lake. <i>Water Environment Research</i> , 2013, 85, 706-714.	2.7	6
48	Seasonal pattern of rotation-affected internal seiches in a small temperate lake. <i>Limnology and Oceanography</i> , 2013, 58, 1344-1360.	3.1	20
49	Regulation of CO ₂ emissions from temperate streams and reservoirs. <i>Biogeosciences</i> , 2013, 10, 7539-7551.	3.3	47
50	Analysis of asymmetries in propagating mode-2 waves. <i>Nonlinear Processes in Geophysics</i> , 2013, 20, 59-69.	1.3	18
51	Microbial Diversity and Its Relationship to Physicochemical Characteristics of the Water in Two Extreme Acidic Pit Lakes from the Iberian Pyrite Belt (SW Spain). <i>PLoS ONE</i> , 2013, 8, e66746.	2.5	76
52	A Buoy for Continuous Monitoring of Suspended Sediment Dynamics. <i>Sensors</i> , 2013, 13, 13779-13801.	3.8	10
53	Hydrogeochemical processes controlling water and dissolved gas chemistry at the Accesa sinkhole (southern Tuscany, central Italy). <i>Journal of Limnology</i> , 2014, 73, .	1.1	4
54	Modern limnology, sediment accumulation and varve formation processes in Lake ÅabiÅ,skie, northeastern Poland: comprehensive process studies as a key to understand the sediment record. <i>Journal of Limnology</i> , 2014, 73, .	1.1	13

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55	Relationships between physico-chemical and microbiological parameters in the monimolimnion of a forest meromictic lake. <i>Journal of Limnology</i> , 2014, 73, .	1.1	4
56	Direct observation of biomixing by vertically migrating zooplankton. <i>Limnology and Oceanography</i> , 2014, 59, 724-732.	3.1	23
57	Carbon- and oxygen-stable isotopic signatures of methanogenesis, temperature, and water column stratification in Holocene siderite varves. <i>Chemical Geology</i> , 2014, 389, 153-166.	3.3	35
58	Illuminating Microbial Dark Matter in Meromictic Sakinaw Lake. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6807-6818.	3.1	109
59	Water Stratification Affects the Microeukaryotic Community in a Subtropical Deep Reservoir. <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 126-133.	1.7	15
60	Classification of Tibetan lakes based on variations in seasonal lake water temperature. <i>Science Bulletin</i> , 2014, 59, 4847-4855.	1.7	47
62	Hydrological investigation of a multi-stratified pit lake using radioactive and stable isotopes combined with hydrometric monitoring. <i>Journal of Hydrology</i> , 2014, 511, 494-508.	5.4	25
63	Flow dynamics and salt transport in a coastal aquifer driven by a stratified saltwater body: Lab experiment and numerical modeling. <i>Journal of Hydrology</i> , 2014, 511, 665-674.	5.4	13
64	Strong dependence between phytoplankton and water chemistry in a large temperate lake: spatial and temporal perspective. <i>Hydrobiologia</i> , 2014, 731, 139-150.	2.0	11
65	Spatial and temporal distribution of archaeal diversity in meromictic, hypersaline Ocnei Lake (Transylvanian Basin, Romania). <i>Extremophiles</i> , 2014, 18, 399-413.	2.3	29
66	Past, present and future of volcanic lake monitoring. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 272, 78-97.	2.1	82
67	Importance of underwater light field in selecting phytoplankton morphology in a eutrophic reservoir. <i>Hydrobiologia</i> , 2014, 724, 203-216.	2.0	11
68	Chemocline erosion and its conservation by freshwater introduction to meromictic salt lakes. <i>Limnologica</i> , 2014, 44, 81-89.	1.5	21
69	Spring temperature variability and eutrophication history inferred from sedimentary pigments in the varved sediments of Lake ÅabiÅ,skie, north-eastern Poland, AD 1907â€“2008. <i>Global and Planetary Change</i> , 2014, 123, 86-96.	3.5	29
70	Impact of weather variability on spatial and seasonal dynamics of dissolved and suspended nutrients in water column of meromictic Lake Shira. <i>Contemporary Problems of Ecology</i> , 2014, 7, 384-396.	0.7	13
71	Ecological response of two hydroâ€“morphological similar preâ€“dams to contrasting landâ€“use in the Rappbode reservoir system (Germany). <i>International Review of Hydrobiology</i> , 2014, 99, 335-349.	0.9	32
72	Physical processes and meromixis in pit lakes subject to ice cover. <i>Canadian Journal of Civil Engineering</i> , 2014, 41, 569-578.	1.3	10
73	Climate and Atmosphere Simulator for Experiments on Ecological Systems in Changing Environments. <i>Environmental Science & Technology</i> , 2014, 48, 8744-8753.	10.0	18

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74	Internal waves and mixing in a stratified reservoir: Insights from three-dimensional modeling. <i>Limnologica</i> , 2014, 49, 52-67.	1.5	37
75	Effects of Experimental Thermocline and Oxycline Deepening on Methylmercury Bioaccumulation in a Canadian Shield Lake. <i>Environmental Science & Technology</i> , 2014, 48, 2626-2634.	10.0	26
76	Picophytoplankton predominance in hypersaline lakes (Transylvanian Basin, Romania). <i>Extremophiles</i> , 2014, 18, 1075-1084.	2.3	13
77	A novel method for estimating the onset of thermal stratification in lakes from surface water measurements. <i>Water Resources Research</i> , 2014, 50, 5131-5140.	4.2	35
78	Impact of Saline Mine Water: Development of a Meromictic Reservoir in Poland. <i>Mine Water and the Environment</i> , 2014, 33, 327-334.	2.0	10
79	Flood stratigraphies in lake sediments: A review. <i>Earth-Science Reviews</i> , 2014, 135, 17-37.	9.1	117
80	High-resolution temperature sensing in the Dead Sea using fiber optics. <i>Water Resources Research</i> , 2014, 50, 1756-1772.	4.2	22
81	Physical controls of oxygen fluxes at pelagic and benthic oxyclines in a lake. <i>Limnology and Oceanography</i> , 2014, 59, 1637-1650.	3.1	24
82	Effect of climatic changes on stratification and deep-water renewal in Lake Constance assessed by sensitivity studies with a 3D hydrodynamic model. <i>Limnology and Oceanography</i> , 2014, 59, 1035-1052.	3.1	51
83	Prediction of surface temperature in lakes with different morphology using air temperature. <i>Limnology and Oceanography</i> , 2014, 59, 2185-2202.	3.1	106
84	Degeneration of internal Kelvin waves in a continuous two-layer stratification. <i>Journal of Fluid Mechanics</i> , 2015, 777, 68-96.	3.4	17
85	Establishing the impacts of freshwater aquaculture in tropical Asia: the potential role of palaeolimnology. <i>Geo: Geography and Environment</i> , 2015, 2, 148-163.	0.8	15
86	Morphometry and average temperature affect lake stratification responses to climate change. <i>Geophysical Research Letters</i> , 2015, 42, 4981-4988.	4.0	282
88	Topographically generated internal waves and boundary layer instabilities. <i>Physics of Fluids</i> , 2015, 27, .	4.0	7
89	Long-Term Monitoring of a Lagooning Basin Used as Pretreatment Facility for a WTP: Effect on Water Quality and Description of Hydrological and Biological Cycles Using Chemometric Approaches. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	4
90	Stratification of Metal and Sulphate Loads in Acid Mine Drainage Receiving Water Dams – Variables Regionalization by Cluster Analysis. <i>Water Environment Research</i> , 2015, 87, 626-634.	2.7	11
91	Global climatology of surface water temperatures of large lakes by remote sensing. <i>International Journal of Climatology</i> , 2015, 35, 4464-4479.	3.5	45
92	Stratification and water quality of an abandoned opencast coal pit lake at Raniganj Coalfield Area, West Bengal, India. <i>Lakes and Reservoirs: Research and Management</i> , 2015, 20, 85-100.	0.9	2

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93	Effect of fluctuating oxygen concentration on iron oxidation at the pelagic ferrocline of a meromictic lake. <i>Environmental Chemistry</i> , 2015, 12, 723.	1.5	8
94	Powering up the "biogeochemical engine": the impact of exceptional ventilation of a deep meromictic lake on the lacustrine redox, nutrient, and methane balances. <i>Frontiers in Earth Science</i> , 2015, 3, .	1.8	31
95	Light-Dependent Aerobic Methane Oxidation Reduces Methane Emissions from Seasonally Stratified Lakes. <i>PLoS ONE</i> , 2015, 10, e0132574.	2.5	120
96	Drivers of deep-water renewal events observed over 13 years in the South Basin of Lake Baikal. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1508-1526.	2.6	20
97	Quantitative analysis of biogeochemically controlled density stratification in an iron-meromictic lake. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4505-4515.	4.9	9
98	Variation of magnetic properties in sediments from Lake Towuti, Indonesia, and its paleoclimatic significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 420, 163-172.	2.3	35
99	Culturable diversity of aerobic halophilic archaea (Fam. Halobacteriaceae) from hypersaline, meromictic Transylvanian lakes. <i>Extremophiles</i> , 2015, 19, 525-537.	2.3	21
100	Future alterations of thermal characteristics in a medium-sized lake simulated by coupling a regional climate model with a lake model. <i>Climate Dynamics</i> , 2015, 44, 371-384.	3.8	16
101	Chrysophyte cyst-inferred variability of warm season lake water chemistry and climate in northern Poland: training set and downcore reconstruction. <i>Journal of Paleolimnology</i> , 2015, 53, 123-138.	1.6	22
102	Wind-driven circulation in Titan's seas. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 20-33.	3.6	18
103	Effects of water stratification and mixing on microbial community structure in a subtropical deep reservoir. <i>Scientific Reports</i> , 2014, 4, 5821.	3.3	110
104	Volcanic Lakes. <i>Advances in Volcanology</i> , 2015, , 1-20.	1.1	25
105	Conditions for development of anthropogenic meromictic reservoirs in the workings of crystalline rocks (based on the examples of the quarries of the "Zulovská pahorkatina, NE Czech Republic). <i>Environmental Earth Sciences</i> , 2015, 74, 2259-2271.	2.7	7
106	Impacts of land use, climate variability, and management on thermal structure, anoxia, and transparency in hypereutrophic urban water supply reservoirs. <i>Hydrobiologia</i> , 2015, 745, 263-284.	2.0	15
107	Cultural meromixis: Effects of road salt on the chemical stratification of an urban kettle lake. <i>Chemical Geology</i> , 2015, 395, 126-137.	3.3	48
108	Sete Cidades and Furnas lake eutrophication (São Miguel, Azores): Analysis of long-term monitoring data and remediation measures. <i>Science of the Total Environment</i> , 2015, 520, 168-186.	8.0	31
109	Large-eddy simulation of stratified turbulent flows over heterogeneous landscapes. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2015, 51, 351-361.	0.9	9
110	Reservoir sediments: a sink or source of chemicals at the surface water-groundwater interface. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 579.	2.7	22

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111	Water physicochemistry and benthic macroinvertebrate communities in a tropical reservoir: The role of water level fluctuations and water depth. <i>Limnologica</i> , 2015, 55, 13-20.	1.5	13
112	Geochemistry of a large impoundment, Part I: solute sources, mixing dynamics, and seasonal anoxia. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2015, 15, 12-26.	0.9	1
113	Determination of water flushing characteristics and their influencing factors on the Dahuofang Reservoir in China using an improved ECOMSED model. <i>Frontiers of Earth Science</i> , 2015, 9, 394-411.	2.1	1
114	A 150-year record of phytoplankton community succession controlled by hydroclimatic variability in a tropical lake. <i>Biogeosciences</i> , 2016, 13, 3971-3980.	3.3	4
115	A practical approach to lake water density from electrical conductivity and temperature. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 2975-2986.	4.9	24
116	Vertical distribution of bacteria and archaea in a CO ₂ -rich meromictic lake: A case study of Lake Monoun. <i>Limnologica</i> , 2016, 60, 6-19.	1.5	5
117	Using time scales to characterize phytoplankton assemblages in a deep subalpine lake during the thermal stratification period: Lake St. Moritz, Italy. <i>Water Resources Research</i> , 2016, 52, 1762-1780.	4.2	26
118	Thermohaline stratification and double diffusion diapycnal fluxes in the hypersaline Dead Sea. <i>Limnology and Oceanography</i> , 2016, 61, 1214-1231.	3.1	42
119	Microplastic pollution in lakes and lake shoreline sediments – A case study on Lake Bolsena and Lake Chiusi (central Italy). <i>Environmental Pollution</i> , 2016, 213, 648-657.	7.5	433
120	Fine-Scale Microclimatic Variation Can Shape the Responses of Organisms to Global Change in Both Natural and Urban Environments. <i>Integrative and Comparative Biology</i> , 2016, 56, 45-61.	2.0	129
121	Climate Change Effects on North American Inland Fish Populations and Assemblages. <i>Fisheries</i> , 2016, 41, 346-361.	0.8	205
122	Generalized scaling of seasonal thermal stratification in lakes. <i>Earth-Science Reviews</i> , 2016, 161, 179-190.	9.1	77
123	“Here be dragons”: Integrating scientific data and place-based observation for environmental management. <i>Applied Geography</i> , 2016, 73, 38-46.	3.7	6
124	Using modern ferruginous habitats to interpret Precambrian banded iron formation deposition. <i>International Journal of Astrobiology</i> , 2016, 15, 205-217.	1.6	21
125	Cycling of calcite and hydrous metal oxides and chemical changes of major element and REE chemistry in monomictic hardwater lake: Impact on sedimentation. <i>Chemie Der Erde</i> , 2016, 76, 133-148.	2.0	6
126	Quantifying, assessing and removing the extreme gas load from meromictic Guadiana pit lake, Southwest Spain. <i>Science of the Total Environment</i> , 2016, 563-564, 468-477.	8.0	16
127	Biogeochemical and 16S rRNA gene sequence evidence supports a novel mode of anaerobic methanotrophy in permanently ice-covered Lake Fryxell, Antarctica. <i>Limnology and Oceanography</i> , 2016, 61, S119.	3.1	44
128	Modeling surface energy fluxes and thermal dynamics of a seasonally ice-covered hydroelectric reservoir. <i>Science of the Total Environment</i> , 2016, 550, 793-805.	8.0	10

#	ARTICLE	IF	CITATIONS
129	Trace elements influenced by environmental changes in Lake Biwa: (II) Chemical variations in the hypolimnion over the last half-century. <i>Limnology</i> , 2016, 17, 163-173.	1.5	4
130	Geo- and biogeochemical processes in a heliothermal hypersaline lake. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 181, 144-163.	3.9	29
131	Dissimilarity of phytoplankton assemblages in two connected tropical reservoirs: effects of water transportation and environmental filtering. <i>Hydrobiologia</i> , 2016, 764, 127-138.	2.0	14
132	Clonal structure and depth selection during a <i>Caullerya mesnili</i> epidemic in a hybridizing population of the <i>Daphnia longispina</i> complex. <i>Hydrobiologia</i> , 2017, 798, 33-44.	2.0	1
133	Methane storage and ebullition in monimolimnetic waters of polluted mine pit lake Vollert-Sued, Germany. <i>Science of the Total Environment</i> , 2017, 584-585, 1-10.	8.0	20
134	Delving deeper: Metabolic processes in the metalimnion of stratified lakes. <i>Limnology and Oceanography</i> , 2017, 62, 1288-1306.	3.1	40
135	Introduction: Meromictic Lakes, Their Terminology and Geographic Distribution. <i>Ecological Studies</i> , 2017, , 1-11.	1.2	11
136	Tropical Meromictic Lakes: Specifics of Meromixis and Case Studies of Lakes Tanganyika, Malawi, and Matano. <i>Ecological Studies</i> , 2017, , 277-323.	1.2	12
137	Conclusion: Ecology of Meromictic Lakes. <i>Ecological Studies</i> , 2017, , 379-398.	1.2	4
138	Physical Features of Meromictic Lakes: Stratification and Circulation. <i>Ecological Studies</i> , 2017, , 15-34.	1.2	26
139	Chemical Setting and Biogeochemical Reactions in Meromictic Lakes. <i>Ecological Studies</i> , 2017, , 35-59.	1.2	8
140	Vertical distribution of physicalâ€”chemical features of water and bottom sediments in four saline lakes of the Khangai mountain region, Western Mongolia. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	9
141	Atmospheric stilling leads to prolonged thermal stratification in a large shallow polymictic lake. <i>Climatic Change</i> , 2017, 141, 759-773.	3.6	83
142	Conserved Fever Pathways across Vertebrates: A Herpesvirus Expressed Decoy TNF-Î± Receptor Delays Behavioral Fever in Fish. <i>Cell Host and Microbe</i> , 2017, 21, 244-253.	11.0	57
143	Sedimentary DNA versus morphology in the analysis of diatom-environment relationships. <i>Journal of Paleolimnology</i> , 2017, 57, 51-66.	1.6	27
144	A modeling approach to identify the effective forcing exerted by wind on a prealpine lake surrounded by a complex topography. <i>Water Resources Research</i> , 2017, 53, 4036-4052.	4.2	16
145	Long-term development of hypolimnetic oxygen depletion rates in the large Lake Constance. <i>Ambio</i> , 2017, 46, 554-565.	5.5	24
146	Impact of the â€”Little Ice Ageâ€™ climate cooling on the maar lake ecosystem affected by penguins: A lacustrine sediment record, Penguin Island, West Antarctica. <i>Holocene</i> , 2017, 27, 1115-1131.	1.7	4

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147	Gravel bars are sites of increased CO ₂ outgassing in stream corridors. <i>Scientific Reports</i> , 2017, 7, 14401.	3.3	16
148	Constraints on evaporation and dilution of terminal, hypersaline lakes under negative water balance: The Dead Sea, Israel. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 217, 384-398.	3.9	21
149	Disturbance of meromixis in saline Lake Shira (Siberia, Russia): Possible reasons and ecosystem response. <i>Limnologica</i> , 2017, 66, 12-23.	1.5	21
150	Redox Conditions Affect Dissolved Organic Carbon Quality in Stratified Freshwaters. <i>Environmental Science & Technology</i> , 2017, 51, 13705-13713.	10.0	29
151	Sources of dissolved oxygen in monitoring and pumping wells. <i>Hydrogeology Journal</i> , 2017, 25, 55-66.	2.1	5
152	Varve microfacies and varve preservation record of climate change and human impact for the last 6000 years at Lake Tiefer See (NE Germany). <i>Holocene</i> , 2017, 27, 450-464.	1.7	52
153	Profound daily vertical stratification and mixing in a small, shallow, wind-exposed lake with submerged macrophytes. <i>Aquatic Sciences</i> , 2017, 79, 395-406.	1.5	52
155	Three-Dimensional Modeling of Wind- and Temperature-Induced Flows in the Itaipu Reservoir, NE Brazil. <i>Water (Switzerland)</i> , 2017, 9, 772.	2.7	5
156	Alpine glacier-fed turbid lakes are discontinuous cold polymictic rather than dimictic. <i>Inland Waters</i> , 2017, 7, 45-54.	2.2	21
157	The internal seiche field in the changing South Aral Sea (2006–2013). <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1093-1105.	4.9	10
158	Response of water temperatures and stratification to changing climate in three lakes with different morphometry. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 6253-6274.	4.9	112
159	Looking back - Looking forward: A novel multi-time slice weight-of-evidence approach for defining reference conditions to assess the impact of human activities on lake systems. <i>Science of the Total Environment</i> , 2018, 626, 1036-1046.	8.0	9
160	Biogeochemistry of U, Ni, and As in two meromictic pit lakes at the Cluff Lake uranium mine, northern Saskatchewan. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 463-474.	1.3	10
161	Heat and Mass Exchange in the Meromictic Soda Doroninskoe Lake. <i>Water Resources</i> , 2018, 45, 50-60.	0.9	1
162	Intralake Heterogeneity of Thermal Responses to Climate Change: A Study of Large Northern Hemisphere Lakes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3087-3098.	3.3	95
163	The role of mobile consumers in lake nutrient cycles: a brief review. <i>Hydrobiologia</i> , 2018, 818, 11-29.	2.0	7
164	A high-resolution pigment and productivity record from the varved Ponte Tresa basin (Lake Lugano,) using high-performance liquid chromatography. <i>Journal of Paleolimnology</i> , 2018, 60, 381-398.	1.6	26
165	Phosphorus more than temperature controls the phytoplankton community in a deep quarry lake: a combined field and laboratory approach. <i>Inland Waters</i> , 2018, 8, 22-35.	2.2	3

#	ARTICLE	IF	CITATIONS
166	Bacterioplankton composition in tropical high-elevation lakes of the Andean plateau. FEMS Microbiology Ecology, 2018, 94, .	2.7	33
167	Evaluating Late Cretaceous OAEs and the influence of marine incursions on organic carbon burial in an expansive East Asian paleo-lake. Earth and Planetary Science Letters, 2018, 484, 41-52.	4.4	50
168	Effects of road salt deicers on an urban groundwater-fed kettle lake. Applied Geochemistry, 2018, 89, 265-272.	3.0	25
169	Sediment geochemistry and contributions to carbon and nutrient cycling in a deep meromictic tropical lake: Lake Malawi (East Africa). Journal of Great Lakes Research, 2018, 44, 1221-1234.	1.9	11
170	Drivers of Sediment Accumulation and Nutrient Burial in Coastal Stormwater Detention Ponds, South Carolina, USA. Ecosystems, 2018, 21, 1118-1138.	3.4	23
171	A multiscale study of mercury transformations and dynamics at the chemocline of the Petit-Saut tropical reservoir (French Guiana). Science of the Total Environment, 2018, 630, 1401-1412.	8.0	5
172	Carbon biogeochemical cycle is enhanced by damming in a karst river. Science of the Total Environment, 2018, 616-617, 1181-1189.	8.0	46
173	Patterns and drivers of deep chlorophyll maxima structure in 100 lakes: The relative importance of light and thermal stratification. Limnology and Oceanography, 2018, 63, 628-646.	3.1	119
174	Comparison of one-dimensional (1-D) column lake models prediction for surface water temperature in eight selected Moroccan lakes. ISH Journal of Hydraulic Engineering, 2018, 24, 317-329.	2.1	5
175	Numerical Analysis of Sensitivity of Structure of the Stratification in Lake Biwa, Japan by Changing Meteorological Elements. Water (Switzerland), 2018, 10, 1492.	2.7	2
176	Impact of a Saline Mine Water Discharge on the Development of a Meromictic Pond, the Rontok Wielki Reservoir, Poland. Mine Water and the Environment, 2018, 37, 807-814.	2.0	8
177	Decision System for Reservoir Upwelling Using Fuzzy Logic Based on Internet of Things. , 2018, , .		1
178	The fate of Lake Baikal: how climate change may alter deep ventilation in the largest lake on Earth. Climatic Change, 2018, 150, 181-194.	3.6	23
179	Effect of Environmental Conditions and Morphometric Parameters on Surface Water Temperature in Polish Lakes. Water (Switzerland), 2018, 10, 580.	2.7	54
180	High-resolution monitoring of water temperature and oxygen concentration in Lake Murten (Switzerland). Swiss Journal of Geosciences, 2018, 111, 501-510.	1.2	0
181	Mechanisms regulating CO ₂ and CH ₄ dynamics in the Azorean volcanic lakes (S�o Miguel Island,) Tj ETQq1 1 0.784314 rgBT ₁₃ /Overlo	1.1	13
182	Spatial and temporal trends in the fate of silver nanoparticles in a whole-lake addition study. PLoS ONE, 2018, 13, e0201412.	2.5	18
184	Thermal response of Moroccan lakes to climatic warming: first results. Annales De Limnologie, 2018, 54, 2.	0.6	9

#	ARTICLE	IF	CITATIONS
185	Diurnal and Seasonal Variations of Thermal Stratification and Vertical Mixing in a Shallow Fresh Water Lake. <i>Journal of Meteorological Research</i> , 2018, 32, 219-232.	2.4	33
186	Sharp water column stratification with an extremely dense microbial population in a small meromictic lake, Trekhtzvetnoe. <i>Environmental Microbiology</i> , 2018, 20, 3784-3797.	3.8	30
187	Episodic wind events induce persistent shifts in the thermal stratification of a reservoir (Rappbode) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.9	30
188	Water temperature dynamics and the prevalence of daytime stratification in small temperate shallow lakes. <i>Hydrobiologia</i> , 2019, 826, 247-262.	2.0	28
189	Estimation of water quality profiles in deep lakes based on easily measurable constituents at the water surface using artificial neural networks coupled with stationary wavelet transform. <i>Science of the Total Environment</i> , 2019, 694, 133690.	8.0	12
190	Varve Distribution Reveals Spatiotemporal Hypolimnetic Hypoxia Oscillations During the Past 200 Years in Lake Lehmilampi, Eastern Finland. <i>Quaternary</i> , 2019, 2, 20.	2.0	6
191	Water temperature as a hindrance, but not limiting factor for the survival of warm water invasive crayfish introduced in cold periods. <i>Journal of Great Lakes Research</i> , 2019, 45, 788-794.	1.9	12
192	Variable withdrawal elevations as a management tool to counter the effects of climate warming in Germany's largest drinking water reservoir. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	29
193	Determination of purification ratio of Lake Maninjau in epilimnion zone. <i>MATEC Web of Conferences</i> , 2019, 276, 06008.	0.2	1
194	Sixty years since the creation of Lake Kariba: Thermal and oxygen dynamics in the riverine and lacustrine sub-basins. <i>PLoS ONE</i> , 2019, 14, e0224679.	2.5	9
195	Assessing change in the overturning behavior of the Laurentian Great Lakes using remotely sensed lake surface water temperatures. <i>Remote Sensing of Environment</i> , 2019, 235, 111427.	11.0	31
196	Tracing lake mixing and oxygenation regime using the Fe/Mn ratio in varved sediments: 2000-year-long record of human-induced changes from Lake Å»abiÅ»,skie (NE Poland). <i>Science of the Total Environment</i> , 2019, 657, 585-596.	8.0	72
197	A Multilayer Reservoir Thermal Stratification Module for Earth System Models. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 3265-3283.	3.8	12
198	Two Regimes of Turbulent Fluxes Above a Frozen Small Lake Surrounded by Forest. <i>Boundary-Layer Meteorology</i> , 2019, 173, 311-320.	2.3	13
199	Dynamics of dissolved greenhouse gas response to seasonal water mixing in subtropical reservoirs. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 639.	2.7	5
200	Shallow plant-dominated lakes " extreme environmental variability, carbon cycling and ecological species challenges. <i>Annals of Botany</i> , 2019, 124, 355-366.	2.9	22
201	Numerical study on the response of the largest lake in China to climate change. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 2093-2109.	4.9	30
202	Importance of planetary rotation for ventilation processes in deep elongated lakes: Evidence from Lake Garda (Italy). <i>Scientific Reports</i> , 2019, 9, 8290.	3.3	18

#	ARTICLE	IF	CITATIONS
203	Unexpected Sources of Strontium to the Neuse and Cape Fear River Basins, North Carolina: Implications for the Global Strontium Isotope Budget in Seawater. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 1160-1174.	2.8	2
204	Algorithmic Characterization of Lake Stratification and Deep Chlorophyll Layers From Depth Profiling Water Quality Data. <i>Water Resources Research</i> , 2019, 55, 3815-3834.	4.2	10
205	Impact of Climate Forecasts on the Microbial Quality of a Drinking Water Source in Norway Using Hydrodynamic Modeling. <i>Water (Switzerland)</i> , 2019, 11, 527.	2.7	5
206	Reviews and syntheses: Dams, water quality and tropical reservoir stratification. <i>Biogeosciences</i> , 2019, 16, 1657-1671.	3.3	106
207	Worldwide alteration of lake mixing regimes in response to climate change. <i>Nature Geoscience</i> , 2019, 12, 271-276.	12.9	326
208	Effects of vertical hydrodynamic mixing on photomineralization of dissolved organic carbon in arctic surface waters. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 748-760.	3.5	8
209	Storm effects on nitrogen flux and longitudinal variability in a river-reservoir system. <i>River Research and Applications</i> , 2019, 35, 577-586.	1.7	5
210	Analysis of the Mixing Processes in a Shallow Subtropical Reservoir and Their Effects on Dissolved Organic Matter. <i>Water (Switzerland)</i> , 2019, 11, 737.	2.7	8
211	Metagenomic data of the microbial community of the chemocline layer of the meromictic subarctic Lake Bolshie Hruslomeny, North European Russia. <i>Data in Brief</i> , 2019, 23, 103800.	1.0	4
212	Evaluating and Improving the Performance of Three 1D Lake Models in a Large Deep Lake of the Central Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3143-3167.	3.3	49
213	Determining patterns of stratification and mixing in tropical crater lakes through intermittent water-column profiling: A case study in western Uganda. <i>Journal of African Earth Sciences</i> , 2019, 153, 17-30.	2.0	19
215	Reliable reference for the methane concentrations in Lake Kivu at the beginning of industrial exploitation. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4707-4716.	4.9	14
216	Distribution of organic contamination based on depth stratification in Maninjau Lake, Indonesia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 602, 012057.	0.6	4
217	Predicting the fate of eDNA in the environment and implications for studying biodiversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191409.	2.6	255
218	Fast deep water warming of a subtropical crater lake. <i>Science of the Total Environment</i> , 2019, 691, 1353-1361.	8.0	12
219	Self-Organizing Maps for Evaluation of Biogeochemical Processes and Temporal Variations in Water Quality of Subtropical Reservoirs. <i>Water Resources Research</i> , 2019, 55, 10268-10281.	4.2	25
220	ThSSim: A novel tool for simulation of reservoir thermal stratification. <i>Scientific Reports</i> , 2019, 9, 18524.	3.3	18
221	Statistical Characterization of an Underwater Channel in a Tropical Shallow Freshwater Lake System. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 717-727.	0.6	0

#	ARTICLE	IF	CITATIONS
222	Consistent microbial dynamics and functional community patterns derived from first principles. ISME Journal, 2019, 13, 263-276.	9.8	15
223	Convection in Lakes. Annual Review of Fluid Mechanics, 2019, 51, 189-215.	25.0	85
224	Hydrodynamics of a periodically wind-forced small and narrow stratified basin: a large-eddy simulation experiment. Environmental Fluid Mechanics, 2019, 19, 667-698.	1.6	12
225	Geographic patterns of the climate sensitivity of lakes. Ecological Applications, 2019, 29, e01836.	3.8	24
226	Spatial and temporal variations in water temperature in a high-altitude deep dimictic mountain lake (Nam Co), central Tibetan Plateau. Journal of Great Lakes Research, 2019, 45, 212-223.	1.9	31
227	The carbon pump supports high primary production in a shallow lake. Aquatic Sciences, 2019, 81, 1.	1.5	17
228	Metalimnetic oxygen minimum and the presence of <i>Planktothrix rubescens</i> in a low-nutrient drinking water reservoir. Water Research, 2019, 148, 208-218.	11.3	37
229	Water Quality Detection for Lakes. , 2019, , 221-231.		10
230	Enrichment of ferrous iron in the bottom water of Lake Nyos. Journal of African Earth Sciences, 2019, 150, 37-46.	2.0	9
231	Thermal stratification dynamics in a large and deep subtropical reservoir revealed by high-frequency buoy data. Science of the Total Environment, 2019, 651, 614-624.	8.0	70
232	Epilimnion and metalimnion thermal water temperature variables in Moroccan lakes using a one-dimensional fresh-water lake model. International Journal of River Basin Management, 2020, 18, 321-333.	2.7	5
233	When "evaporites" are not formed by evaporation: The role of temperature and pCO ₂ on saline deposits of the Eocene Green River Formation, Colorado, USA. Bulletin of the Geological Society of America, 2020, 132, 1365-1380.	3.3	11
234	The significant contribution of lake depth in regulating global lake diffusive methane emissions. Water Research, 2020, 172, 115465.	11.3	47
235	Response of density stratification, aquatic chemistry, and methylmercury to engineered and hydrologic forcings in an endorheic lake (Great Salt Lake, U.S.A.). Limnology and Oceanography, 2020, 65, 915-926.	3.1	8
236	What makes an elongated lake "large"? Scales from wind-driven steady circulation on a rotating Earth. Journal of Great Lakes Research, 2020, 46, 703-717.	1.9	6
237	Long-term forecast of water temperature and dissolved oxygen profiles in deep lakes using artificial neural networks conjugated with wavelet transform. Limnology and Oceanography, 2020, 65, 1297-1317.	3.1	20
238	Compound effects of water clarity, inflow, wind and climate warming on mountain lake thermal regimes. Aquatic Sciences, 2020, 82, 1.	1.5	13
239	Spatio-temporal insights into microbiology of the freshwater to hypersaline, oxic to hypoxic euxinic waters of Ursu Lake. Environmental Microbiology, 2021, 23, 3523-3540.	3.8	25

#	ARTICLE	IF	CITATIONS
240	Lie group method for analyzing the generalized heat transfer mathematical model for Lake Tahoe. <i>Partial Differential Equations in Applied Mathematics</i> , 2020, 2, 100003.	2.4	0
241	Carbon biogeochemical processes in a subtropical karst riverâ€“reservoir system. <i>Journal of Hydrology</i> , 2020, 591, 125590.	5.4	21
242	The thermal behaviour of French water bodies: From ponds to Lake Geneva. <i>Journal of Great Lakes Research</i> , 2020, 46, 718-731.	1.9	4
243	Intermittent meromixis controls the trophic state of warming deep lakes. <i>Scientific Reports</i> , 2020, 10, 12928.	3.3	20
244	The Influence of the Physicochemical Parameters on the Ortho Phosphate and Total Phosphate Concentrations of Maninjau Lake. <i>Journal of Physics: Conference Series</i> , 2020, 1625, 012061.	0.4	3
245	On the application of METRIC-GEE to estimate spatial and temporal evaporation rates in a mediterranean lake. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 20, 100431.	1.5	7
246	Temperature Profiling of Waterbodies with a UAV-Integrated Sensor Subsystem. <i>Drones</i> , 2020, 4, 35.	4.9	12
247	Karst Lakes of Mari Chodra National Park: stratification and vertical distribution of phototrophic plankton. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 607, 012019.	0.3	1
248	The biogeochemistry of ferruginous lakes and past ferruginous oceans. <i>Earth-Science Reviews</i> , 2020, 211, 103430.	9.1	36
249	Numerical study of the thermal structure of a stratified temperate monomictic drinking water reservoir. <i>Journal of Hydrology: Regional Studies</i> , 2020, 30, 100699.	2.4	9
250	A review of the impact of blue space on the urban microclimate. <i>Science of the Total Environment</i> , 2020, 730, 139068.	8.0	81
251	The formation of a metalimnetic oxygen minimum exemplifies how ecosystem dynamics shape biogeochemical processes: A modelling study. <i>Water Research</i> , 2020, 175, 115701.	11.3	26
252	Reservoir effects on the variations of the water temperature in the upper Yellow River, China, using principal component analysis. <i>Journal of Environmental Management</i> , 2020, 262, 110339.	7.8	24
253	Numerical and Observational Analysis of the Hydro-Dynamical Variability in a Small Lake: The Case of Lake ZirahuÃ“n, MÃ“xico. <i>Water (Switzerland)</i> , 2020, 12, 1658.	2.7	5
254	Evolution and dynamics of the vertical temperature profile in an oligotrophic lake. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 3399-3416.	4.9	8
255	Microplastics in Freshwater Ecosystems. , 2020, , 1-19.		4
256	Assessing vertical diffusion in a stratified lake using a threeâ€“dimensional hydrodynamic model. <i>Hydrological Processes</i> , 2020, 34, 1131-1143.	2.6	11
257	Mercury geochemistry and microbial diversity in meromictic Glacier Lake, Jamesville, NY. <i>Environmental Microbiology Reports</i> , 2020, 12, 195-202.	2.4	1

#	ARTICLE	IF	CITATIONS
258	A geospatial approach for limnological characterization of Nigeen Lake, Kashmir Himalaya. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 121.	2.7	29
259	Trajectories of Sediment-Water Interactions in Reservoirs as a Result of Temperature and Oxygen Conditions. <i>Water (Switzerland)</i> , 2020, 12, 1065.	2.7	11
260	Varying thermal structure controls the dynamics of CO ₂ emissions from a subtropical reservoir, south China. <i>Water Research</i> , 2020, 178, 115831.	11.3	35
261	Particulate organic matter as causative factor to eutrophication of subtropical deep freshwater: Role of typhoon (tropical cyclone) in the nutrient cycling. <i>Water Research</i> , 2021, 188, 116470.	11.3	39
262	A high-resolution record of Holocene primary productivity and water-column mixing from the varved sediments of Lake Å»abiÅ»,skie, Poland. <i>Science of the Total Environment</i> , 2021, 755, 143713.	8.0	18
263	The first Holocene varve chronology for the UK: Based on the integration of varve counting, radiocarbon dating and teprostratigraphy from Diss Mere (UK). <i>Quaternary Geochronology</i> , 2021, 61, 101134.	1.4	14
264	Internal wave analyzer for thermally stratified lakes. <i>Environmental Modelling and Software</i> , 2021, 136, 104950.	4.5	4
265	Phytoplankton production in relation to simulated hydro- and thermodynamics during a hydrological wet year " GoczaÅ»,kowice reservoir (Poland) case study. <i>Ecological Indicators</i> , 2021, 121, 106991.	6.3	4
266	Impact of cascade reservoirs on continuity of river water temperature: A temperature trend hypothesis in river. <i>Hydrological Processes</i> , 2021, 35, .	2.6	9
267	Community structure and vertical distribution of planktonic ciliates in the saline meromictic lake Shira during breakdown of meromixis. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 142-152.	2.3	7
268	Sedimentology and isotope geochemistry of transitional evaporitic environments within arid continental settings: From erg to saline lakes. <i>Sedimentology</i> , 2021, 68, 907-942.	3.1	5
269	Effects of Microplastics in the Cryosphere. , 2021, , 1-46.		2
270	Application of WASP model to simulate water pollution control of Duriangkang Dam. <i>Lakes and Reservoirs: Research and Management</i> , 2021, 26, 23-32.	0.9	2
271	A first continuous three-year temperature record from the dimictic arctic"alpine Lake Tarfala, northern Sweden. <i>Arctic, Antarctic, and Alpine Research</i> , 2021, 53, 69-79.	1.1	3
272	Effects of Microplastics in the Cryosphere. , 2021, , 1-46.		0
273	Research progress of aerobic methane oxidation process in inland waters. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2021, 33, 1004-1017.	0.8	3
274	A New Thermal Categorization of Ice"Covered Lakes. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091374.	4.0	31
275	Persistence of bioconvection"induced mixed layers in a stratified lake. <i>Limnology and Oceanography</i> , 2021, 66, 1531-1547.	3.1	10

#	ARTICLE	IF	CITATIONS
276	Multimetric approach in the effects of small impoundments on stream water quality: Case study of Faylor and Walker Lakes on Middle Creek, Snyder County, PA. <i>Water and Environment Journal</i> , 2021, 35, 1007-1017.	2.2	3
277	Primer evaluation and development of a droplet digital PCR protocol targeting amoA genes for the quantification of Comammox in lakes. <i>Scientific Reports</i> , 2021, 11, 2982.	3.3	8
278	Phytoplankton Competition for Nutrients and Light in a Stratified Lake: A Mathematical Model Connecting Epilimnion and Hypolimnion. <i>Journal of Nonlinear Science</i> , 2021, 31, 1.	2.1	10
279	Inhibited vertical mixing and seasonal persistence of a thin cyanobacterial layer in a stratified lake. <i>Aquatic Sciences</i> , 2021, 83, 1.	1.5	7
280	Assessing the Nutrient Dynamics in a Himalayan Warm Monomictic Lake. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	9
281	A case study of factors controlling water quality in two warm monomictic tropical reservoirs located in contrasting agricultural watersheds. <i>Science of the Total Environment</i> , 2021, 762, 144511.	8.0	18
282	Impact of physical processes on oxygen loss and production of hydrogen sulphide and methane in a tropical freshwater reservoir. <i>Environmental Science and Pollution Research</i> , 2021, 28, 39655-39667.	5.3	3
283	CO ₂ emissions from karst cascade hydropower reservoirs: mechanisms and reservoir effect. <i>Environmental Research Letters</i> , 2021, 16, 044013.	5.2	18
284	Petrographical and mineralogical study of detrital strata near and within the Ballı̇k travertine deposit (SW Turkey): architecture of a mixed clastic carbonate succession. <i>International Journal of Earth Sciences</i> , 2021, 110, 1049-1071.	1.8	0
285	Changes in the lake thermal and mixing dynamics on the Tibetan Plateau. <i>Hydrological Sciences Journal</i> , 2021, 66, 838-850.	2.6	6
286	The role of internal feedbacks in shifting deep lake mixing regimes under a warming climate. <i>Freshwater Biology</i> , 2021, 66, 1021-1035.	2.4	24
287	Case study: Vertical distributions of both temperature and dissolved oxygen in Lake Diatas - Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 708, 012027.	0.3	0
288	Influence of Thermal Stratification on Seasonal Net Ecosystem Production and Dissolved Inorganic Carbon in a Shallow Subtropical Lake. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005907.	3.0	13
289	Phenological shifts in lake stratification under climate change. <i>Nature Communications</i> , 2021, 12, 2318.	12.8	118
290	Feeding below the thermocline: implications for prey capture kinematics. <i>Journal of Zoology</i> , 2021, 315, 42-48.	1.7	1
291	Convection and Heat Transfer in Island (Warm) Wakes. <i>Journal of Physical Oceanography</i> , 2021, 51, 1187-1203.	1.7	9
292	Limnological Characterization of Three Tropical Crater Lakes in the Archipelago of Samoa (Lanotoa, Tj ETQq0 0.0 rjBT /Oerlock 10 0.6	0.6	1
293	Geochemical Characteristics of Sediment in Tropical Lake Sentani, Indonesia, Are Influenced by Spatial Differences in Catchment Geology and Water Column Stratification. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	4

#	ARTICLE	IF	CITATIONS
294	Human actions were responsible for both initiation and termination of varve preservation in Lake Vesijärvi, southern Finland. <i>Journal of Paleolimnology</i> , 2021, 66, 207-227.	1.6	3
295	Thermal stratification responses of a monomictic reservoir under different seasons and operation schemes. <i>Science of the Total Environment</i> , 2021, 767, 144423.	8.0	24
296	Delineating the relative contribution of climate related variables to chlorophyll-a and phytoplankton biomass in lakes using the ERA5-Land climate reanalysis data. <i>Water Research</i> , 2021, 196, 117053.	11.3	22
297	Mechanism of nitrous oxide (N ₂ O) production during thermal stratification of a karst, deep-water reservoir in southwestern China. <i>Journal of Cleaner Production</i> , 2021, 303, 127076.	9.3	7
298	A Comparison of Ecological Memory of Lake Ice-off in Eight North-Temperate Lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006232.	3.0	13
299	Complex interactions between meteorological parameters and the thermal regime of two tropical, high altitude crater lakes (Nevado de Toluca, Mexico). <i>Science of the Total Environment</i> , 2021, 771, 145310.	8.0	6
300	A comparative study of phytoplankton epi- and metalimnetic communities under different light and thermal regimes. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 760-774.	2.3	3
301	Unintended Consequences of Selective Water Withdrawals From Reservoirs Alter Downstream Macroinvertebrate Communities. <i>Water Resources Research</i> , 2021, 57, e2020WR029169.	4.2	6
302	Gas Pressure Dynamics in Small and Mid-Size Lakes. <i>Water (Switzerland)</i> , 2021, 13, 1824.	2.7	7
303	Water and Sediment Bacterial Communities in a Small Mediterranean, Oxygen-Stratified, Saline Lake (Lake Alboraj, SE Spain). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6309.	2.5	5
304	Variation in hydrogen sulfide emissions from a U.S. Midwest anaerobic dairy lagoon. <i>Journal of Environmental Quality</i> , 2021, 50, 1063-1073.	2.0	3
305	A new finding on the prevalence of rapid water warming during lake ice melting on the Tibetan Plateau. <i>Science Bulletin</i> , 2021, 66, 2358-2361.	9.0	25
306	Carbon Dioxide in Lake Nyos, Cameroon, Estimated Quantitatively From Sound Speed Measurements. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	4
307	Earlier ice breakup induces changepoint responses in duration and variability of spring mixing and summer stratification in dimictic lakes. <i>Limnology and Oceanography</i> , 2022, 67, .	3.1	11
308	A potential tipping point in the thermal regime of a warm monomictic reservoir under climate change using three-dimensional hydrodynamic modeling. <i>Inland Waters</i> , 2021, 11, 315-334.	2.2	6
309	Paleosalinity and Its Association with Organic Matter: A Case Study from the Eocene Shahejie Formation, Laizhou Bay Sag, Bohai Bay Basin (China). <i>Journal of Ocean University of China</i> , 2021, 20, 741-754.	1.2	1
310	MicroRNA roles and their potential use as selection tool to cold tolerance of domesticated teleostean species: A systematic review. <i>Aquaculture</i> , 2021, 540, 736747.	3.5	10
311	Capturing the spatial variability of algal bloom development in a shallow temperate lake. <i>Freshwater Biology</i> , 2021, 66, 2064-2075.	2.4	12

#	ARTICLE	IF	CITATIONS
312	Trends and legacy of freshwater salinization: untangling over 50 years of stream chloride monitoring. <i>Environmental Research Letters</i> , 2021, 16, 095001.	5.2	18
313	A 740,000-yr-long Mohawk Lake record, Mohawk Valley, northeastern California, USA. , 2021, , 447-506.		1
314	Thermal mixing of Lake Erhai (Southwest China) induced by bottom heat transfer: Evidence based on observations and CE-QUAL-W2 model simulations. <i>Journal of Hydrology</i> , 2021, 603, 126973.	5.4	13
315	A three-dimensional manganese model for the management of a monomictic drinking water reservoir. <i>Environmental Modelling and Software</i> , 2021, 146, 105213.	4.5	2
316	Warming Decreases Bioconversion of Polyunsaturated Fatty Acids in Chironomid Larvae Maintained on Cyanobacterium <i>Microcystis</i> . <i>Biomolecules</i> , 2021, 11, 1326.	4.0	5
317	Stratification in a Reservoir Mixed by Bubble Plumes under Future Climate Scenarios. <i>Water (Switzerland)</i> , 2021, 13, 2467.	2.7	4
318	Manganese-mediated hydrochemistry and microbiology in a meromictic subalpine lake (Lake Idro,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	8.0	6
319	Redox-driven geochemical partitioning of metal(loid)s in the iron-rich anoxic sediments of a recently flooded lignite mine pit: Lake Medard, NW Czechia. <i>Journal of Hazardous Materials Advances</i> , 2021, 3, 100009.	3.0	2
320	Mixing regime shapes the community assembly process, microbial interaction and proliferation of cyanobacterial species <i>Planktothrix</i> in a stratified lake. <i>Journal of Environmental Sciences</i> , 2022, 115, 103-113.	6.1	7
321	Modeling the Effects of Hydrodynamics on Thermal Stratification and Algal Blooms in the Xiangxi Bay of Three Gorges Reservoir. <i>Frontiers in Ecology and Evolution</i> , 2021, 8, .	2.2	20
322	Redox Potential Heterogeneity in Fixed- β -Bed Electrodes Leads to Microbial Stratification and Inhomogeneous Performance. <i>ChemSusChem</i> , 2021, 14, 1155-1165.	6.8	6
323	Environmental Impacts of Lake Ecosystems. <i>Regional Climate Studies</i> , 2016, , 315-340.	1.2	14
324	Eutrophication. <i>LCA Compendium</i> , 2015, , 177-196.	0.8	9
325	<i>Methanobrevibacterium psychrotolerans</i> sp. nov., a psychrotolerant methanoarchaeon isolated from a saline meromictic lake in Siberia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1378-1383.	1.7	13
326	Variation of Primary Productivity and Phytoplankton Community in the Weirs of Mid and Downstream of the Nakdong River during Fall and Early Winter: Application of Phytoplankton Pigments and CHEMTAX.. <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 81-93.	0.3	4
327	The Use of an Aeration System to Prevent Thermal Stratification of Water Bodies: Pond, Lake and Water Supply Reservoir. <i>Applied Ecology and Environmental Sciences</i> , 2013, 2, 1-7.	0.1	5
328	Determining the high variability of pCO ₂ and pO ₂ in the littoral zone of a subtropical coastal lake. <i>Acta Limnologica Brasiliensia</i> , 2014, 26, 288-295.	0.4	4
329	Water temperature and characteristics of thermal stratification in Nam Co, Tibet. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2015, 27, 711-718.	0.8	6

#	ARTICLE	IF	CITATIONS
330	Comparative microbial ecology of the water column of an extreme acidic pit lake, Nuestra Señora del Carmen, and the Río Tinto basin (Iberian Pyrite Belt). <i>International Microbiology</i> , 2014, 17, 225-33.	2.4	9
331	Influence of groundwater inflow on water temperature simulations of Lake Ammersee using a one-dimensional hydrodynamic lake model. <i>Erdkunde</i> , 2014, 68, 19-31.	0.8	5
333	Reconstructing Six Decades of Surface Temperatures at a Shallow Lake. <i>Water (Switzerland)</i> , 2020, 12, 405.	2.7	5
334	Disposal of waste materials at the bottom of pit lakes. , 2011, , .		8
335	Investigating Temporal Variation of Water Quality and Benthic Macroinvertebrates in Taudaha Lake, Kathmandu, Nepal. <i>Journal of Water Resource and Protection</i> , 2016, 08, 1283-1296.	0.8	4
336	Simulation of Thermal Stratification and Salinity Using the Ce-Qual-W2 Model (Case Study: Mamloo) Tj ETQq1 1 0.784314 rgBT /Overlo 1.9 6	1.9	6
337	Determinación de calidad de agua en el Lago Vichuquén, con imágenes de satélite Landsat 8, sensor OLI, año 2016, Chile. <i>Revista De Teledeteccion</i> , 2018, , 67.	0.6	8
338	Lake mixing regime selects apparent methane oxidation kinetics of the methanotroph assemblage. <i>Biogeosciences</i> , 2020, 17, 4247-4259.	3.3	12
340	Vertical Profile of Water and Sediment in Lake Oigon. , 0, , .		1
341	Simulating thermal dynamics of the largest lake in the Caucasus region: The mountain Lake Sevan. <i>Journal of Limnology</i> , 0, , .	1.1	5
342	Permanent Thermal and Chemical Stratification in a Restored Urban Meromictic Lake. <i>Water (Switzerland)</i> , 2021, 13, 2979.	2.7	3
343	The world's largest heliothermal lake newly formed in the Aral Sea basin. <i>Environmental Research Letters</i> , 2021, 16, 115009.	5.2	8
344	CH ₄ Emission from Household and Abandoned Ponds of the Indian Sundarbans: Positive Feedback to Climate Change. <i>Water Science and Technology Library</i> , 2022, , 127-162.	0.3	0
345	CO ₂ Exchange Dynamics in the Household and Abandoned Ponds of the Indian Sundarbans from the Perspective of Climate Change. <i>Water Science and Technology Library</i> , 2022, , 93-125.	0.3	0
346	The role of phosphate on non-skeletal carbonate production in a Cretaceous alkaline lake. <i>Geochimica Et Cosmochimica Acta</i> , 2021, , .	3.9	7
347	Impact of salinization on lake stratification and spring mixing. <i>Limnology and Oceanography Letters</i> , 2023, 8, 93-102.	3.9	26
350	Seen. , 2016, , 161-195.		0
351	Numerical simulations of the shear instability and subsequent degeneration of basin scale internal standing waves. <i>Physical Review Fluids</i> , 2019, 4, .	2.5	3

#	ARTICLE	IF	CITATIONS
352	Impact of euxinic holomictic conditions on prokaryotic assemblages in a marine meromictic lake. <i>Aquatic Microbial Ecology</i> , 2020, 84, 141-154.	1.8	5
353	Species-Level Spatio-Temporal Dynamics of Cyanobacteria in a Hard-Water Temperate Lake in the Southern Baltics. <i>Frontiers in Microbiology</i> , 2021, 12, 761259.	3.5	9
354	Stratification strength and light climate explain variation in chlorophyll <i>a</i> at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , 2021, 66, 4314-4333.	3.1	19
355	Study of the thermal regime of a reservoir on the Qinghai-Tibetan Plateau, China. <i>PLoS ONE</i> , 2020, 15, e0243198.	2.5	10
356	Evolution mechanism of dissolved oxygen stratification in a large deep reservoir. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2020, 32, 1496-1507.	0.8	8
357	<i>Methanolobus halotolerans</i> sp. nov., isolated from the saline Lake Tus in Siberia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5586-5593.	1.7	9
359	Dynamics of Stoichiometric Autotroph-Mixotroph Bacteria Interactions in the Epilimnion. <i>Bulletin of Mathematical Biology</i> , 2022, 84, 5.	1.9	6
360	Therobaric Processes Both Drive and Constrain Seasonal Ventilation in Deep Great Slave Lake, Canada. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006288.	2.8	6
361	Settling of highly porous and impermeable particles in linear stratification: implications for marine aggregates. <i>Journal of Fluid Mechanics</i> , 2022, 931, .	3.4	8
362	Transport and transformation of dissolved inorganic carbon in a subtropical groundwater-fed reservoir, south China. <i>Water Research</i> , 2022, 209, 117905.	11.3	12
363	Evaluation of Lake Sediment Thickness from Water-Borne Electrical Resistivity Tomography Data. <i>Sensors</i> , 2021, 21, 8053.	3.8	3
364	Laboratory-scale investigation of a periodically forced stratified basin with inclined endwalls. <i>Journal of Fluid Mechanics</i> , 2022, 932, .	3.4	1
365	Late Holocene Vegetation and Climate Variations in Northern China: A Varved Evidence from the Western Loess Plateau. <i>SSRN Electronic Journal</i> , 0, .	0.4	0
366	Density stratification and double-diffusive convection in mine pools of flooded underground mines – A review. <i>Water Research</i> , 2022, 214, 118033.	11.3	7
367	An Integrated Approach for Determining the Anthropogenic Stress Responsible for Degradation of a Ramsar Site – Wular Lake in Kashmir, India. <i>Marine Geodesy</i> , 2022, 45, 407-434.	2.0	19
368	Effects of Microplastics in the Cryosphere. , 2022, , 907-952.		0
369	Microplastics in Freshwater Ecosystems. , 2022, , 235-252.		0
370	Bacterioplankton Zonation Does Exist in High Elevation, Polymictic Lakes. <i>Frontiers in Microbiology</i> , 2022, 13, 764566.	3.5	2

#	ARTICLE	IF	CITATIONS
371	Evolutionary divergence of locomotion in two related vertebrate species. <i>Cell Reports</i> , 2022, 38, 110585.	6.4	12
372	Aqueous system-level processes and prokaryote assemblages in the ferruginous and sulfate-rich bottom waters of a post-mining lake. <i>Biogeosciences</i> , 2022, 19, 1723-1751.	3.3	5
373	Summer Lake Destratification Phenomenon: A Peculiar Deep Lake on the Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	3
374	Late Holocene vegetation, climate, and lake changes in northern China: Varved evidence from western Loess Plateau. <i>Science of the Total Environment</i> , 2022, 827, 154282.	8.0	3
375	Trends of lake temperature, mixing depth and ice cover thickness of European lakes during the last four decades. <i>Science of the Total Environment</i> , 2022, 830, 154709.	8.0	16
376	Winter inverse lake stratification under historic and future climate change. <i>Limnology and Oceanography Letters</i> , 2022, 7, 302-311.	3.9	14
377	Enhanced Warming in Global Dryland Lakes and Its Drivers. <i>Remote Sensing</i> , 2022, 14, 86.	4.0	5
378	Simulated impacts of climate change on Lake Simcoe water quality. <i>Inland Waters</i> , 0, , 1-17.	2.2	0
379	Systematic Evaluation of Physical Parameters Affecting the Terminal Settling Velocity of Microplastic Particles in Lakes Using CFD. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	8
380	Pre-Eruptive Magma Configurations and Petrogenetic Relationships of the Rattlesnake Tuff, Oregon—Insights From Spectacularly Banded High-Silica Rhyolite Pumices. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	0
381	Facies variability and depositional settings of Laguna Salada de Chiprana, an Iberian hypersaline lake. <i>Sedimentology</i> , 2022, 69, 2615-2641.	3.1	2
382	Water depth determines spatial and temporal phosphorus retention by controlling ecosystem transition and P-binding metal elements. <i>Water Research</i> , 2022, 219, 118550.	11.3	5
383	Airâ€Lake Momentum and Heat Exchange in Very Young Waves Using Energy and Water Budget Closure. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	3
384	Seasonal Variation and Vertical Distribution of Inorganic Nutrients in a Small Artificial Lake, Lake Bulan, in Mongolia. <i>Water (Switzerland)</i> , 2022, 14, 1916.	2.7	1
385	Cryptophytes of Lake Shira (Khakassia, Russia): explosive growth during breakdown of meromixis. <i>Hydrobiologia</i> , 2022, 849, 3373-3387.	2.0	2
386	Combined effects of eutrophication and warming on polyunsaturated fatty acids in complex phytoplankton communities: A mesocosm experiment. <i>Science of the Total Environment</i> , 2022, 843, 157001.	8.0	11
387	Lakes in Hot Water: The Impacts of a Changing Climate on Aquatic Ecosystems. <i>BioScience</i> , 2022, 72, 1050-1061.	4.9	59
388	Microbial Community of a Marine Meromictic Trough (Biofilter Bay) in the Kandalaksha Bay, White Sea. <i>Microbiology</i> , 2022, 91, 432-444.	1.2	2

#	ARTICLE	IF	CITATIONS
389	Dynamics of Greenhouse Gases (CH ₄ and CO ₂) in Meromictic Lake Burgsee, Germany. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	0
390	Relationship between brook charr (<i>Salvelinus fontinalis</i>) eDNA concentration and angling data in structured wildlife areas. <i>Environmental DNA</i> , 2023, 5, 861-879.	5.8	4
391	Seasonal Stratification Characteristics of Vertical Profiles and Water Quality of Lake Lugu in Southwest China. <i>Water (Switzerland)</i> , 2022, 14, 2554.	2.7	6
392	Drivers of Warming in Lake Nam Co on Tibetan Plateau Over the Past 40 Years. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	4
393	Characterization of the gassy sediment layer in shallow water using an acoustical method: Lake Kinneret as a case study. <i>Limnology and Oceanography: Methods</i> , 2022, 20, 581-593.	2.0	3
394	Fishing for fish environmental DNA: Ecological applications, methodological considerations, surveying designs, and ways forward. <i>Molecular Ecology</i> , 2022, 31, 5132-5164.	3.9	42
395	Surface sediment composition and depositional environments in tropical Lake Sentani, Papua Province, Indonesia. <i>Journal of Paleolimnology</i> , 2023, 69, 1-20.	1.6	1
396	Multi-isotope tracing nitrate dynamics and sources during thermal stratification in a deep reservoir. <i>Chemosphere</i> , 2022, 307, 135816.	8.2	5
397	A case study of thermal and chemical stratification in a drinking water reservoir. <i>Science of the Total Environment</i> , 2022, 848, 157787.	8.0	15
398	Earlier ice loss accelerates lake warming in the Northern Hemisphere. <i>Nature Communications</i> , 2022, 13, .	12.8	14
399	Functional forecasting of dissolved oxygen in high-frequency vertical lake profiles. <i>Environmetrics</i> , 2023, 34, .	1.4	3
400	Removal of sulphate and arsenic from wastewater using calcium sulfoaluminate (ye™elimate). <i>Frontiers in Materials</i> , 0, 9, .	2.4	1
401	Does filter pore size introduce bias in DNA sequence-based plankton community studies?. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	0
402	Masowa ĀmiertelnoĀ maĀy w zbiorniku RusaĀka. <i>Prace Geograficzne (krakw)</i> , 2022, , 27-41.	0.1	0
403	Temporarily and frequently occurring summer stratification and its effects on nutrient dynamics, greenhouse gas emission and fish habitat use: case study from Lake Ormstrup (Denmark). <i>Hydrobiologia</i> , 2023, 850, 65-79.	2.0	13
404	Hydrochemistry of an ancient traditional irrigation reservoir in Padaviya, Sri Lanka. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100771.	2.8	1
405	Effect of damming on riverine strontium geochemical behavior: Evidence from 87Sr/86Sr analysis. <i>Journal of Hydrology</i> , 2022, 614, 128631.	5.4	1
406	Ecosystem Metabolism and Gradients of Temperature, Oxygen and Dissolved Inorganic Carbon in the Littoral Zone of a Macrophyte-Dominated Lake. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	2

#	ARTICLE	IF	CITATIONS
407	Changing water quality and thermocline depth along an aquaculture gradient in six tropical crater lakes. <i>Hydrobiologia</i> , 2023, 850, 283-299.	2.0	2
408	Rare earth elemental and Sr isotopic evidence for seawater intrusion event of the Songliao Basin 91 million years ago. <i>Petroleum Science</i> , 2022, , .	4.9	1
409	Relationships Between Second and Third Moments in the Surface Layer Under Different Stratification over Grassland and Urban Landscapes. <i>Boundary-Layer Meteorology</i> , 2023, 187, 311-338.	2.3	3
410	The ecosystem implications of road salt as a pollutant of freshwaters. <i>Wiley Interdisciplinary Reviews: Water</i> , 2023, 10, .	6.5	7
411	Longer duration of seasonal stratification contributes to widespread increases in lake hypoxia and anoxia. <i>Global Change Biology</i> , 2023, 29, 1009-1023.	9.5	22
412	Gravity currents in the cabbeling regime. <i>Physical Review Fluids</i> , 2023, 8, .	2.5	3
413	Increasing air temperature relative to water temperature makes the mixed layer shallower, reducing phytoplankton biomass in a stratified lake. <i>Freshwater Biology</i> , 2023, 68, 577-587.	2.4	2
414	Integration of Photodegradation Process of Organic Micropollutants to a Vertically One-Dimensional Lake Model. <i>Sustainability</i> , 2023, 15, 2082.	3.2	0
415	Oxygen Dependent Temperature Regulation of Benthic Fluxes in Reservoirs. <i>Global Biogeochemical Cycles</i> , 2023, 37, .	4.9	4
416	Concise summary of existing correlations with thermophysical properties of seawater with applications: A recent review. <i>Applied Thermal Engineering</i> , 2023, 227, 120404.	6.0	2
417	Methane and carbon dioxide fluxes at high spatiotemporal resolution from a small temperate lake. <i>Science of the Total Environment</i> , 2023, 878, 162895.	8.0	6
419	Recent global warming induces the coupling of dissimilar long-term sedimentary signatures in two adjacent volcanic lakes (Azores Archipelago, Portugal). <i>Quaternary Science Reviews</i> , 2023, 303, 107968.	3.0	0
420	Seasonal and inter-annual sedimentation in meromictic Lake Shira (Siberia, Russia) during disturbance of meromixis. <i>Journal of Paleolimnology</i> , 2023, 69, 359-380.	1.6	0
421	Natural and Anthropogenic Lakes. , 2023, , 235-264.		0
422	Annual patterns of stratification, mixing and ventilation in long, deep, seasonally ice-covered François lake, British Columbia, Canada. <i>Frontiers in Earth Science</i> , 0, 11, .	1.8	2
423	A record-breaking extreme heat event caused unprecedented warming of lakes in China. <i>Science Bulletin</i> , 2023, 68, 578-582.	9.0	7
424	Water Quality Analysis of a Tropical Reservoir Based on Temperature and Dissolved Oxygen Modeling by CE-QUAL-W2. <i>Water (Switzerland)</i> , 2023, 15, 1013.	2.7	0
425	Temporarily summer-stratified lakes are common: profile data from 436 lakes in lowland Denmark. <i>Inland Waters</i> , 2023, 13, 153-166.	2.2	1

#	ARTICLE	IF	CITATIONS
426	Active metal deposition in a giant geothermal system. <i>Terra Nova</i> , 2023, 35, 313-328.	2.1	0
427	Nitrogen removal through denitrification in China's aquatic system. <i>Science of the Total Environment</i> , 2023, 891, 164317.	8.0	4
428	Seasonal variation of physico-chemical characteristics in water of meromictic Lake Oigon. <i>Hydrological Research Letters</i> , 2023, 17, 49-55.	0.5	0
429	Sensitivity of varve biogenic component to climate in eastern and central Finland. <i>Journal of Paleolimnology</i> , 0, , .	1.6	0
430	Variable drivers of surface turbulence under condition of stratified density currents in a tributary bay of Three Gorges Reservoir. <i>Journal of Hydrology</i> , 2023, 623, 129849.	5.4	0
431	Interactions Between Pelagic and Benthic Producers: Asymmetric Competition for Light and Nutrients. <i>SIAM Journal on Applied Mathematics</i> , 2023, 83, 530-552.	1.8	3
432	Analysis of Lake Stratification and Mixing and Its Influencing Factors over High Elevation Large and Small Lakes on the Tibetan Plateau. <i>Water (Switzerland)</i> , 2023, 15, 2094.	2.7	1
433	Deoxygenation and stratification dynamics in a coastal marine lake. <i>Estuarine, Coastal and Shelf Science</i> , 2023, 291, 108420.	2.1	3
434	Improvements and Evaluation of the FLake Model in Dagze Co, Central Tibetan Plateau. <i>Water (Switzerland)</i> , 2023, 15, 3135.	2.7	0
435	Land cover and water quality of drowned river mouths: Evidence of an environmental gradient along the eastern Lake Michigan shoreline. <i>Journal of Great Lakes Research</i> , 2023, , 102237.	1.9	0
436	An active molybdenum (polymetallic)-enriching system in foreland basins. <i>Journal of Geochemical Exploration</i> , 2023, 254, 107309.	3.2	0
437	Fate of Heat. , 2024, , 95-153.		0
438	Lake Processes and Sedimentation. <i>Syntheses in Limnogeology</i> , 2023, , 129-160.	0.4	1
439	Thermal biology of aquatic insects in alpine lakes: Insights from diving beetles. <i>Freshwater Biology</i> , 2024, 69, 34-46.	2.4	0
440	Global lakes are warming slower than surface air temperature due to accelerated evaporation. , 2023, 1, 929-940.		3
441	Evidence of "Lake Nyos-type" behavior in the geological record: A review. <i>Earth-Science Reviews</i> , 2023, 247, 104603.	9.1	0
442	Cascading climate effects in deep reservoirs: Full assessment of physical and biogeochemical dynamics under ensemble climate projections and ways towards adaptation. <i>Ambio</i> , 0, , .	5.5	0
444	Geochemical behavior of heavy metals and radionuclides in a pit lake affected by acid mine drainage (AMD) in the Muskau Arch (Poland). <i>Science of the Total Environment</i> , 2024, 908, 168245.	8.0	0

#	ARTICLE	IF	CITATIONS
445	Comparison between methods to predict climate change impacts on tropical shallow lakes. <i>Journal of Water and Climate Change</i> , 2023, 14, 4299-4313.	2.9	0
446	Optimization of selective withdrawal strategy in a warm monomictic reservoir based on thermal stratification. <i>Ecological Indicators</i> , 2024, 158, 111294.	6.3	1
447	A Novel View of the Diversity of Anoxygenic Phototrophic Bacteria Inhabiting the Chemocline of Meromictic Karst Lakes. <i>Microorganisms</i> , 2024, 12, 13.	3.6	0
448	Experimental study on parametric configurations of artificially downwelling aerations in stratified water. <i>Applied Water Science</i> , 2023, 13, .	5.6	0
450	Predicting the presence of hypoxic hypolimnia in lakes at large spatial scales. <i>Limnology and Oceanography</i> , 2024, 69, 355-366.	3.1	0
451	A simple model for predicting oxygen depletion in lakes under climate change. <i>Inland Waters</i> , 0, , 1-20.	2.2	0
452	Concurrent warming and browning eliminate cold-water fish habitat in many temperate lakes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.1	0
454	Influence of hydrological features on CO ₂ and CH ₄ concentrations in the surface water of lakes, Southwest China: A seasonal and mixing regime analysis. <i>Water Research</i> , 2024, 251, 121131.	11.3	0
455	Water Renewal Time in Lakes with Transformed Water Distribution in the Catchment Areas. <i>Water (Switzerland)</i> , 2024, 16, 384.	2.7	0
456	Systematic CFD-based evaluation of physical factors influencing the spatiotemporal distribution patterns of microplastic particles in lakes. <i>Science of the Total Environment</i> , 2024, 917, 170218.	8.0	0
457	Road salt-induced salinization impacts water geochemistry and mixing regime of a Canadian urban lake. <i>Applied Geochemistry</i> , 2024, 162, 105928.	3.0	0
459	Impact Analysis of H ₂ O Fluxes and High-Frequency Meteorologyâ€™Water Quality: Multivariate Constrained Evaporation Modelling in Lake Wuliangsu, China. <i>Water (Switzerland)</i> , 2024, 16, 578.	2.7	0
463	Thermal stratification and meromixis in four dilute temperate zone lakes. <i>Biogeosciences</i> , 2024, 21, 1549-1562.	3.3	0
464	Bridging the divide between inland water quantity and quality with satellite remote sensing: An interdisciplinary review. <i>Wiley Interdisciplinary Reviews: Water</i> , 0, , .	6.5	0