

# Feizhou Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4478043/publications.pdf>

Version: 2024-02-01

45  
papers

977  
citations

516710

16  
h-index

454955

30  
g-index

45  
all docs

45  
docs citations

45  
times ranked

971  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism and control of lake eutrophication. <i>Science Bulletin</i> , 2006, 51, 2401-2412.	1.7	86
2	Photochemical reactivities of dissolved organic matter (DOM) in a sub-alpine lake revealed by EEM-PARAFAC: An insight into the fate of allochthonous DOM in alpine lakes affected by climate change. <i>Science of the Total Environment</i> , 2016, 568, 216-225.	8.0	85
3	Effect of phosphorus and temperature on chlorophyll a contents and cell sizes of <i>Scenedesmus obliquus</i> and <i>Microcystis aeruginosa</i> . <i>Limnology</i> , 2011, 12, 187-192.	1.5	63
4	Effects of fish introduction and eutrophication on the cladoceran community in Lake Fuxian, a deep oligotrophic lake in southwest China. <i>Journal of Paleolimnology</i> , 2009, 42, 427-435.	1.6	54
5	Genetic Diversity of Eukaryotic Microorganisms in Lake Taihu, a Large Shallow Subtropical Lake in China. <i>Microbial Ecology</i> , 2008, 56, 572-583.	2.8	51
6	Direct versus indirect effects of human activities on dissolved organic matter in highly impacted lakes. <i>Science of the Total Environment</i> , 2021, 752, 141839.	8.0	50
7	Submerged macrophytes facilitate dominance of omnivorous fish in a subtropical shallow lake: implications for lake restoration. <i>Hydrobiologia</i> , 2016, 775, 97-107.	2.0	47
8	Restoration of Shallow Lakes in Subtropical and Tropical China: Response of Nutrients and Water Clarity to Biomanipulation by Fish Removal and Submerged Plant Transplantation. <i>Water (Switzerland)</i> , 2016, 8, 438.	2.7	45
9	The Effects of Fresh and Decomposed <i>Microcystis aeruginosa</i> on Cladocerans from a Subtropic Chinese Lake. <i>Journal of Freshwater Ecology</i> , 2003, 18, 97-104.	1.2	42
10	Driving forces shaping phytoplankton assemblages in two subtropical plateau lakes with contrasting trophic status. <i>Freshwater Biology</i> , 2007, 52, 1463-1475.	2.4	41
11	Restoration of a subtropical eutrophic shallow lake in China: effects on nutrient concentrations and biological communities. <i>Hydrobiologia</i> , 2013, 718, 59-71.	2.0	40
12	The fate of cyanobacterial detritus in the food web of Lake Taihu: a mesocosm study using <sup>13</sup> C and <sup>15</sup> N labeling. <i>Hydrobiologia</i> , 2013, 710, 39-46.	2.0	33
13	Eutrophication decrease compositional dissimilarity in freshwater plankton communities. <i>Science of the Total Environment</i> , 2022, 821, 153434.	8.0	28
14	Response of the cladoceran community to eutrophication, fish introductions and degradation of the macrophyte vegetation in Lake Dianchi, a large, shallow plateau lake in southwestern China. <i>Limnology</i> , 2013, 14, 159-166.	1.5	22
15	Seasonal variation of microbial eukaryotic community composition in the large, shallow, subtropical Taihu Lake, China. <i>Aquatic Ecology</i> , 2010, 44, 1-12.	1.5	20
16	Are zooplankton useful indicators of water quality in subtropical lakes with high human impacts?. <i>Ecological Indicators</i> , 2020, 113, 106167.	6.3	18
17	Water Residence Time and Temperature Drive the Dynamics of Dissolved Organic Matter in Alpine Lakes in the Tibetan Plateau. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006908.	4.9	18
18	Bottom-up versus top-down effects on ciliate community composition in four eutrophic lakes (China). <i>European Journal of Protistology</i> , 2016, 53, 20-30.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Comparison of bacterial growth in response to photodegraded terrestrial chromophoric dissolved organic matter in two lakes. <i>Science of the Total Environment</i> , 2017, 579, 1203-1214.	8.0	16
20	The Toxicities of Single-Celled <i>Microcystis aeruginosa</i> PCC7820 and Liberated <i>M. aeruginosa</i> to <i>Daphnia carinata</i> in the Absence and Presence of the Green Alga <i>Scenedesmus obliquus</i> . <i>Journal of Freshwater Ecology</i> , 2004, 19, 539-545.	1.2	15
21	Different competitive outcomes among four species of cladocerans under different alga combinations of colonial <i>Microcystis</i> spp. and green alga <i>Scenedesmus obliquus</i> . <i>Hydrobiologia</i> , 2007, 581, 209-215.	2.0	15
22	Zooplankton response to the lake restoration in the drinking-water source in Meiliang Bay of subtropical eutrophic Lake Taihu, China. <i>Limnologia</i> , 2012, 42, 189-196.	1.5	15
23	Changes in Pelagic Fish Community Composition, Abundance, and Biomass along a Productivity Gradient in Subtropical Lakes. <i>Water (Switzerland)</i> , 2021, 13, 858.	2.7	15
24	Eutrophication and predation mediate zooplankton diversity and network structure. <i>Limnology and Oceanography</i> , 2022, 67, .	3.1	13
25	Reducing nutrient increases diatom biomass in a subtropical eutrophic lake, China—“Do the ammonium concentration and nitrate to ammonium ratio play a role?”. <i>Water Research</i> , 2022, 218, 118493.	11.3	13
26	Stocks and dynamics of particulate and dissolved organic matter in a large, shallow eutrophic lake (Taihu, China) with dense cyanobacterial blooms. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 738-749.	1.3	11
27	A comparison of the size distribution of the filamentous green alga <i>Ulothrix</i> in <i>Daphnia</i> guts and lake water from Lake Taihu, China. <i>Journal of Plankton Research</i> , 2011, 33, 1274-1283.	1.8	10
28	Microcystins derived from lysing <i>Microcystis</i> cells do not cause negative effects on crustacean zooplankton in Lake Taihu, China. <i>Aquatic Ecology</i> , 2013, 47, 379-387.	1.5	10
29	Enhancement of Planktonic Rotifers by <i>Microcystis aeruginosa</i> Blooms: An Enclosure Experiment in a Shallow Eutrophic Lake. <i>Journal of Freshwater Ecology</i> , 2002, 17, 239-247.	1.2	9
30	The Community Structure of Picophytoplankton in Lake Fuxian, a Deep and Oligotrophic Mountain Lake. <i>Frontiers in Microbiology</i> , 2019, 10, 2016.	3.5	8
31	Impacts of nutrient reduction on temporal $\beta^2$ -diversity of rotifers: A 19-year limnology case study on Lake Wuli, China. <i>Water Research</i> , 2022, 216, 118364.	11.3	8
32	Effect of suspended solids on interaction between filter-feeding fish <i>Aristichthys nobilis</i> and zooplankton in a shallow lake using a mesocosm experiment. <i>Journal of Freshwater Ecology</i> , 2017, 32, 219-227.	1.2	7
33	Large buoyant particles dominated by cyanobacterial colonies harbor distinct bacterial communities from small suspended particles and free-living bacteria in the water column. <i>MicrobiologyOpen</i> , 2018, 7, e00608.	3.0	7
34	Host Dependence of Zooplankton-Associated Microbes and Their Ecological Implications in Freshwater Lakes. <i>Water (Switzerland)</i> , 2021, 13, 2949.	2.7	7
35	Effects of <i>Microcystis</i> blooms on the crustacean plankton community: enclosure experiments in a subtropical lake. <i>Hydrobiologia</i> , 2013, 711, 175-185.	2.0	6
36	Long-term effects of nutrient changes on rotifer communities in a subtropical lake. <i>Limnology</i> , 2019, 20, 191-201.	1.5	6

#	ARTICLE	IF	CITATIONS
37	Copepods as environmental indicator in lakes: special focus on changes in the proportion of calanoids along nutrient and pH gradients. <i>Aquatic Ecology</i> , 2021, 55, 1241-1252.	1.5	6
38	Water depth and transparency drive the quantity and quality of organic matter in sediments of Alpine Lakes on the Tibetan Plateau. <i>Limnology and Oceanography</i> , 2022, 67, 1959-1975.	3.1	6
39	Compositional differences among planktonic ciliate communities in four subtropical eutrophic lakes in China. <i>Limnology</i> , 2013, 14, 105-116.	1.5	5
40	Carbon Transfer from Cyanobacteria to Pelagic and Benthic Consumers in a Subtropical Lake: Evidence from a <sup>13</sup> C Labelling Experiment. <i>Water (Switzerland)</i> , 2019, 11, 1536.	2.7	3
41	Species-dependent effects of crustacean plankton on a microbial community, assessed using an enclosure experiment in Lake Taihu, China. <i>Limnology and Oceanography</i> , 2012, 57, 1711-1720.	3.1	2
42	Changes in astaxanthin and fatty acid concentrations during the developmental process in the calanoid <i>Arctodiaptomus walterianus</i> in an alpine lake at low latitudes. <i>Journal of Plankton Research</i> , 2021, 43, 314-324.	1.8	2
43	Consumer-driven nutrient release to the water by a small omnivorous fish enhanced ramet production but reduced the growth rate of the submerged macrophyte <i>Vallisneria spiralis</i> (L.) Makino. <i>Hydrobiologia</i> , 2021, 848, 4335-4346.	2.0	2
44	Inhibition of the Predatory Activity of the Copepod <i>Mesocyclops notius</i> by <i>Microcystis</i> spp.. <i>Journal of Freshwater Ecology</i> , 2004, 19, 161-162.	1.2	1
45	Functionally similar species of ciliates have similar dynamics: A biennial survey study in a large eutrophic lake. <i>European Journal of Protistology</i> , 2021, 82, 125844.	1.5	0