

# Enfeng

## List of Publications by Year in descending order

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56  
papers

1,928  
citations

218677

26  
h-index

265206

42  
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56  
all docs

56  
docs citations

56  
times ranked

1912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial variation of organic carbon sequestration in large lakes and implications for carbon stock quantification. <i>Catena</i> , 2022, 208, 105768.	5.0	10
2	Spatio-temporal accumulation patterns of trace metals in sediments of a large plateau lake (Erhai) in Southwest China and their relationship with human activities over the past century. <i>Journal of Geochemical Exploration</i> , 2022, 234, 106943.	3.2	10
3	How do inundation provoke the release of phosphorus in soil-originated sediment due to nitrogen reduction after reclaiming lake from polder. <i>Journal of Environmental Sciences</i> , 2022, 118, 147-157.	6.1	2
4	Traffic emission dominates the spatial variations of metal contamination and ecological-health risks in urban park soil. <i>Chemosphere</i> , 2022, 297, 134155.	8.2	12
5	Historical trends in atmospheric metal(loid) contamination in North China over the past half-millennium reconstructed from subalpine lake sediment. <i>Environmental Pollution</i> , 2022, 304, 119195.	7.5	13
6	Interactions between methanotrophs and ammonia oxidizers modulate the response of in situ methane emissions to simulated climate change and its legacy in an acidic soil. <i>Science of the Total Environment</i> , 2021, 752, 142225.	8.0	22
7	Comprehensive assessment of heavy metal pollution and ecological risk in lake sediment by combining total concentration and chemical partitioning. <i>Environmental Pollution</i> , 2021, 269, 116212.	7.5	63
8	Water-level fluctuations regulate the availability and diffusion kinetics process of phosphorus at lake water-sediment interface. <i>Water Research</i> , 2021, 200, 117258.	11.3	45
9	Phosphorus removal from sediments by <i>Potamogeton crispus</i> : New high-resolution in-situ evidence for rhizosphere assimilation and oxidization-induced retention. <i>Journal of Environmental Sciences</i> , 2021, 109, 181-192.	6.1	9
10	A quantitative temperature reconstruction of the "Little Ice Age" in southern China. <i>Holocene</i> , 2020, 30, 709-720.	1.7	2
11	In-situ, high-resolution evidence from water-sediment interface for significant role of iron bound phosphorus in eutrophic lake. <i>Science of the Total Environment</i> , 2020, 706, 136040.	8.0	43
12	Spatio-temporal variations of sedimentary metals in a large suburban lake in southwest China and the implications for anthropogenic processes. <i>Science of the Total Environment</i> , 2020, 707, 135650.	8.0	13
13	Diffusion kinetic process of heavy metals in lacustrine sediment assessed under different redox conditions by DGT and DIFS model. <i>Science of the Total Environment</i> , 2020, 741, 140418.	8.0	38
14	Occurrence, sources and health risks of toxic metal(loid)s in road dust from a mega city (Nanjing) in China. <i>Environmental Pollution</i> , 2020, 263, 114518.	7.5	43
15	Identifying sources and cycling of phosphorus in the sediment of a shallow freshwater lake in China using phosphate oxygen isotopes. <i>Science of the Total Environment</i> , 2019, 676, 823-833.	8.0	34
16	Integrating long-term dynamics of ecosystem services into restoration and management of large shallow lakes. <i>Science of the Total Environment</i> , 2019, 671, 66-75.	8.0	38
17	Chemical speciation, pollution and ecological risk of toxic metals in readily washed off road dust in a megacity (Nanjing), China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 381-392.	6.0	55
18	A 2500-year climate and environmental record inferred from subfossil chironomids from Lugu Lake, southwestern China. <i>Hydrobiologia</i> , 2018, 811, 193-206.	2.0	20

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19	Evidence of Holocene climatic change and human impact in northwestern Yunnan Province: High-resolution pollen and charcoal records from Chenghai Lake, southwestern China. <i>Holocene</i> , 2018, 28, 127-139.	1.7	42
20	A lacustrine record of East Asian summer monsoon and atmospheric dust loading since the last interglaciation from Lake Xingkai, northeast China. <i>Quaternary Research</i> , 2018, 89, 270-280.	1.7	19
21	Reconstruction of atmospheric trace metals pollution in Southwest China using sediments from a large and deep alpine lake: Historical trends, sources and sediment focusing. <i>Science of the Total Environment</i> , 2018, 613-614, 331-341.	8.0	54
22	Ecological risk assessment of potentially toxic elements (PTEs) in the soil-plant system after reclamation of dredged sediment. <i>Environmental Science and Pollution Research</i> , 2018, 25, 29181-29191.	5.3	8
23	Historical records and sources of polycyclic aromatic hydrocarbons (PAHs) and organochlorine pesticides (OCPs) in sediment from a representative plateau lake, China. <i>Chemosphere</i> , 2017, 173, 78-88.	8.2	63
24	Summer temperature variability inferred from subfossil chironomid assemblages from the south-east margin of the Qinghai-Tibetan Plateau for the last 5000 years. <i>Holocene</i> , 2017, 27, 1876-1884.	1.7	20
25	Historical variations of atmospheric trace metal pollution in Southwest China: Reconstruction from a 150-year lacustrine sediment record in the Erhai Lake. <i>Journal of Geochemical Exploration</i> , 2017, 172, 62-70.	3.2	38
26	Spatial distribution, contamination and ecological risk assessment of heavy metals in surface sediments of Erhai Lake, a large eutrophic plateau lake in southwest China. <i>Catena</i> , 2016, 145, 193-203.	5.0	155
27	Black carbon record of the wildfire history of western Sichuan Province in China over the last 12.8 ka. <i>Frontiers of Earth Science</i> , 2016, 10, 634-643.	2.1	13
28	Diatom response to Asian monsoon variability during the Holocene in a deep lake at the southeastern margin of the Tibetan Plateau. <i>Boreas</i> , 2015, 44, 785-793.	2.4	21
29	Asian summer monsoon variability during the late glacial and Holocene inferred from the stable carbon isotope record of black carbon in the sediments of Muge Co, southeastern Tibetan Plateau, China. <i>Holocene</i> , 2015, 25, 1857-1868.	1.7	27
30	The accumulation and potential ecological risk of heavy metals in microalgae from a eutrophic lake (Taihu Lake, China). <i>Environmental Science and Pollution Research</i> , 2015, 22, 17123-17134.	5.3	21
31	Species and environmental geochemistry characteristics of organic phosphorus in sediments of a riverine wetland measured by 31P-NMR spectroscopy. <i>Geochemistry International</i> , 2015, 53, 1141-1149.	0.7	2
32	The characteristic and environmental pollution records of phosphorus species in different trophic regions of Taihu Lake, China. <i>Environmental Earth Sciences</i> , 2014, 71, 783-792.	2.7	30
33	A comparative study of metal pollution and potential eco-risk in the sediment of Chaohu Lake (China) based on total concentration and chemical speciation. <i>Environmental Science and Pollution Research</i> , 2014, 21, 7285-7295.	5.3	37
34	Pollution and health risk of potentially toxic metals in urban road dust in Nanjing, a mega-city of China. <i>Science of the Total Environment</i> , 2014, 476-477, 522-531.	8.0	239
35	Species and Characteristics of Organic Phosphorus in Surface Sediments of Northwest Region of Taihu Lake, Eastern China. <i>Clean - Soil, Air, Water</i> , 2014, 42, 1518-1525.	1.1	4
36	Accumulation of heavy metals in the lacustrine sediment of Longgan Lake, middle reaches of Yangtze River, China. <i>Environmental Earth Sciences</i> , 2013, 69, 2679-2689.	2.7	21

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37	Historical reconstruction of atmospheric lead pollution in central Yunnan province, southwest China: an analysis based on lacustrine sedimentary records. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8739-8750.	5.3	53
38	Spatially different nutrient histories recorded by multiple cores and implications for management in Taihu Lake, eastern China. <i>Chinese Geographical Science</i> , 2013, 23, 537-549.	3.0	6
39	The spatio-temporal variations of sedimentary phosphorus in Taihu Lake and the implications for internal loading change and recent eutrophication. <i>Hydrobiologia</i> , 2013, 711, 87-98.	2.0	22
40	Comprehensive evaluation of heavy metal contamination in surface and core sediments of Taihu Lake, the third largest freshwater lake in China. <i>Environmental Earth Sciences</i> , 2012, 67, 39-51.	2.7	52
41	Diatom ecological response to altered hydrological forcing of a shallow lake on the Yangtze floodplain, SE China. <i>Ecohydrology</i> , 2012, 5, 316-325.	2.4	50
42	Human-induced change in sedimentary trace metals and phosphorus in Chaohu Lake, China, over the past half-millennium. <i>Journal of Paleolimnology</i> , 2012, 47, 677-691.	1.6	37
43	Spatial distribution and human contamination quantification of trace metals and phosphorus in the sediments of Chaohu Lake, a eutrophic shallow lake, China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 2105-2118.	2.7	47
44	Spatial distribution and stratigraphic characteristics of surface sediments in Taihu Lake, China. <i>Science Bulletin</i> , 2011, 56, 179-187.	1.7	28
45	Geochronology of recent lake sediments from Longgan Lake, middle reach of the Yangtze River, influenced by disturbance of human activities. <i>Science China Earth Sciences</i> , 2010, 53, 1188-1194.	5.2	14
46	Recent heavy metal accumulation in Dongjiu and Xijiu lakes, East China. <i>Journal of Paleolimnology</i> , 2010, 43, 385-392.	1.6	23
47	A geochemical record of recent anthropogenic nutrient loading and enhanced productivity in Lake Nansihu, China. <i>Journal of Paleolimnology</i> , 2010, 44, 15-24.	1.6	29
48	Assessment of heavy metal contamination in the sediments of Nansihu Lake Catchment, China. <i>Environmental Monitoring and Assessment</i> , 2010, 161, 217-227.	2.7	43
49	Study on effective species of heavy metals in lacustrine sediment core from Xijiu Lake, Taihu Lake catchment, China. <i>Environmental Earth Sciences</i> , 2009, 59, 371-377.	2.7	6
50	Tracking eutrophication in Taihu Lake using the diatom record: potential and problems. <i>Journal of Paleolimnology</i> , 2008, 40, 413-429.	1.6	107
51	The enrichment characteristics of mercury in the sediments of Dongjiu and Xijiu, Taihu lake catchment, in the past century. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 848-854.	0.9	11
52	Distribution and chemical fractionation of heavy metals in recent sediments from Lake Taihu, China. <i>Hydrobiologia</i> , 2007, 581, 141-150.	2.0	59
53	Historical trophic evolutions and their ecological responses from shallow lakes in the middle and lower reaches of the Yangtze River: Case studies on Longgan Lake and Taibai Lake. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 51-61.	0.9	31
54	Variation characteristics of heavy metals and nutrients in the core sediments of Taihu Lake and their pollution history. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 82-91.	0.9	12

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55	Geochemical features of heavy metals in core sediments of northwestern Taihu Lake, China. <i>Diqu Huaxue</i> , 2005, 24, 73-81.	0.5	6
56	Sand mining impact on Poyang Lake: a case study based on high-resolution bathymetry and sub-bottom data. <i>Journal of Oceanology and Limnology</i> , 0, , 1.	1.3	6