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List of Publications by Year
in descending order

56 papers	1,928 citations	218677 26 h-index	265206 42 g-index
56 all docs	56 docs citations	56 times ranked	1912 citing authors

#	ARTICLE	IF	CITATIONS
1	Pollution and health risk of potentially toxic metals in urban road dust in Nanjing, a mega-city of China. Science of the Total Environment, 2014, 476-477, 522-531.	8.0	239
2	Spatial distribution, contamination and ecological risk assessment of heavy metals in surface sediments of Erhai Lake, a large eutrophic plateau lake in southwest China. Catena, 2016, 145, 193-203.	5.0	155
3	Tracking eutrophication in Taihu Lake using the diatom record: potential and problems. Journal of Paleolimnology, 2008, 40, 413-429.	1.6	107
4	Historical records and sources of polycyclic aromatic hydrocarbons (PAHs) and organochlorine pesticides (OCPs) in sediment from a representative plateau lake, China. Chemosphere, 2017, 173, 78-88.	8.2	63
5	Comprehensive assessment of heavy metal pollution and ecological risk in lake sediment by combining total concentration and chemical partitioning. Environmental Pollution, 2021, 269, 116212.	7.5	63
6	Distribution and chemical fractionation of heavy metals in recent sediments from Lake Taihu, China. Hydrobiologia, 2007, 581, 141-150.	2.0	59
7	Chemical speciation, pollution and ecological risk of toxic metals in readily washed off road dust in a megacity (Nanjing), China. Ecotoxicology and Environmental Safety, 2019, 173, 381-392.	6.0	55
8	Reconstruction of atmospheric trace metals pollution in Southwest China using sediments from a large and deep alpine lake: Historical trends, sources and sediment focusing. Science of the Total Environment, 2018, 613-614, 331-341.	8.0	54
9	Historical reconstruction of atmospheric lead pollution in central Yunnan province, southwest China: an analysis based on lacustrine sedimentary records. Environmental Science and Pollution Research, 2013, 20, 8739-8750.	5.3	53
10	Comprehensive evaluation of heavy metal contamination in surface and core sediments of Taihu Lake, the third largest freshwater lake in China. Environmental Earth Sciences, 2012, 67, 39-51.	2.7	52
11	Diatom ecological response to altered hydrological forcing of a shallow lake on the Yangtze floodplain, SE China. Ecohydrology, 2012, 5, 316-325.	2.4	50
12	Spatial distribution and human contamination quantification of trace metals and phosphorus in the sediments of Chaohu Lake, a eutrophic shallow lake, China. Environmental Monitoring and Assessment, 2012, 184, 2105-2118.	2.7	47
13	Water-level fluctuations regulate the availability and diffusion kinetics process of phosphorus at lake waterâ€“sediment interface. Water Research, 2021, 200, 117258.	11.3	45
14	Assessment of heavy metal contamination in the sediments of Nansihu Lake Catchment, China. Environmental Monitoring and Assessment, 2010, 161, 217-227.	2.7	43
15	In-situ, high-resolution evidence from water-sediment interface for significant role of iron bound phosphorus in eutrophic lake. Science of the Total Environment, 2020, 706, 136040.	8.0	43
16	Occurrence, sources and health risks of toxic metal(loid)s in road dust from a mega city (Nanjing) in China. Environmental Pollution, 2020, 263, 114518.	7.5	43
17	Evidence of Holocene climatic change and human impact in northwestern Yunnan Province: High-resolution pollen and charcoal records from Chenghai Lake, southwestern China. Holocene, 2018, 28, 127-139.	1.7	42
18	Historical variations of atmospheric trace metal pollution in Southwest China: Reconstruction from a 150-year lacustrine sediment record in the Erhai Lake. Journal of Geochemical Exploration, 2017, 172, 62-70.	3.2	38

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19	Integrating long-term dynamics of ecosystem services into restoration and management of large shallow lakes. Science of the Total Environment, 2019, 671, 66-75.	8.0	38
20	Diffusion kinetic process of heavy metals in lacustrine sediment assessed under different redox conditions by DGT and DIFS model. Science of the Total Environment, 2020, 741, 140418.	8.0	38
21	Human-induced change in sedimentary trace metals and phosphorus in Chaohu Lake, China, over the past half-millennium. Journal of Paleolimnology, 2012, 47, 677-691.	1.6	37
22	A comparative study of metal pollution and potential eco-risk in the sediment of Chaohu Lake (China) based on total concentration and chemical speciation. Environmental Science and Pollution Research, 2014, 21, 7285-7295.	5.3	37
23	Identifying sources and cycling of phosphorus in the sediment of a shallow freshwater lake in China using phosphate oxygen isotopes. Science of the Total Environment, 2019, 676, 823-833.	8.0	34
24	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. Science in China Series D: Earth Sciences, 2006, 49, 51-61.	0.9	31
25	The characteristic and environmental pollution records of phosphorus species in different trophic regions of Taihu Lake, China. Environmental Earth Sciences, 2014, 71, 783-792.	2.7	30
26	A geochemical record of recent anthropogenic nutrient loading and enhanced productivity in Lake Nansihu, China. Journal of Paleolimnology, 2010, 44, 15-24.	1.6	29
27	Spatial distribution and stratigraphic characteristics of surface sediments in Taihu Lake, China. Science Bulletin, 2011, 56, 179-187.	1.7	28
28	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. Holocene, 2015, 25, 1857-1868.	1.7	27
29	Recent heavy metal accumulation in Dongjiu and Xijiu lakes, East China. Journal of Paleolimnology, 2010, 43, 385-392.	1.6	23
30	The spatio-temporal variations of sedimentary phosphorus in Taihu Lake and the implications for internal loading change and recent eutrophication. Hydrobiologia, 2013, 711, 87-98.	2.0	22
31	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. Science of the Total Environment, 2021, 752, 142225.	8.0	22
32	Accumulation of heavy metals in the lacustrine sediment of Longgan Lake, middle reaches of Yangtze River, China. Environmental Earth Sciences, 2013, 69, 2679-2689.	2.7	21
33	Diatom response to Asian monsoon variability during the Holocene in a deep lake at the southeastern margin of the Tibetan Plateau. Boreas, 2015, 44, 785-793.	2.4	21
34	The accumulation and potential ecological risk of heavy metals in microalgae from a eutrophic lake (Taihu Lake, China). Environmental Science and Pollution Research, 2015, 22, 17123-17134.	5.3	21
35	Summer temperature variability inferred from subfossil chironomid assemblages from the south-east margin of the Qinghaiâ€“Tibetan Plateau for the last 5000 years. Holocene, 2017, 27, 1876-1884.	1.7	20
36	A 2500-year climate and environmental record inferred from subfossil chironomids from Lugu Lake, southwestern China. Hydrobiologia, 2018, 811, 193-206.	2.0	20

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37	A lacustrine record of East Asian summer monsoon and atmospheric dust loading since the last interglaciation from Lake Xingkai, northeast China. Quaternary Research, 2018, 89, 270-280.	1.7	19
38	Geochronology of recent lake sediments from Longgan Lake, middle reach of the Yangtze River, influenced by disturbance of human activities. Science China Earth Sciences, 2010, 53, 1188-1194.	5.2	14
39	Black carbon record of the wildfire history of western Sichuan Province in China over the last 12.8 ka. Frontiers of Earth Science, 2016, 10, 634-643.	2.1	13
40	Spatio-temporal variations of sedimentary metals in a large suburban lake in southwest China and the implications for anthropogenic processes. Science of the Total Environment, 2020, 707, 135650.	8.0	13
41	Historical trends in atmospheric metal(loid) contamination in North China over the past half-millennium reconstructed from subalpine lake sediment. Environmental Pollution, 2022, 304, 119195.	7.5	13
42	Variation characteristics of heavy metals and nutrients in the core sediments of Taihu Lake and their pollution history. Science in China Series D: Earth Sciences, 2006, 49, 82-91.	0.9	12
43	Traffic emission dominates the spatial variations of metal contamination and ecological-health risks in urban park soil. Chemosphere, 2022, 297, 134155.	8.2	12
44	The enrichment characteristics of mercury in the sediments of Dongjiu and Xijiu, Taihu lake catchment, in the past century. Science in China Series D: Earth Sciences, 2008, 51, 848-854.	0.9	11
45	Spatial variation of organic carbon sequestration in large lakes and implications for carbon stock quantification. Catena, 2022, 208, 105768.	5.0	10
46	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. Journal of Geochemical Exploration, 2022, 234, 106943.	3.2	10
47	Phosphorus removal from sediments by Potamogeton crispus: New high-resolution in-situ evidence for rhizosphere assimilation and oxidization-induced retention. Journal of Environmental Sciences, 2021, 109, 181-192.	6.1	9
48	Ecological risk assessment of potentially toxic elements (PTEs) in the soil-plant system after reclamation of dredged sediment. Environmental Science and Pollution Research, 2018, 25, 29181-29191.	5.3	8
49	Geochemical features of heavy metals in core sediments of northwestern Taihu Lake, China. Diqiu Huaxue, 2005, 24, 73-81.	0.5	6
50	Study on effective species of heavy metals in lacustrine sediment core from Xijiu Lake, Taihu Lake catchment, China. Environmental Earth Sciences, 2009, 59, 371-377.	2.7	6
51	Spatially different nutrient histories recorded by multiple cores and implications for management in Taihu Lake, eastern China. Chinese Geographical Science, 2013, 23, 537-549.	3.0	6
52	Sand mining impact on Poyang Lake: a case study based on high-resolution bathymetry and sub-bottom data. Journal of Oceanology and Limnology, 0, , 1.	1.3	6
53	Species and Characteristics of Organic Phosphorus in Surface Sediments of Northwest Region of Taihu Lake, Eastern China. Clean - Soil, Air, Water, 2014, 42, 1518-1525.	1.1	4
54	Species and environmental geochemistry characteristics of organic phosphorus in sediments of a riverine wetland measured by 31P-NMR spectroscopy. Geochemistry International, 2015, 53, 1141-1149.	0.7	2

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55	A quantitative temperature reconstruction of the â€˜Little Ice Ageâ€™ in southern China. Holocene, 2020, 30, 709-720.	1.7	2
56	How do inundation provoke the release of phosphorus in soil-originated sediment due to nitrogen reduction after reclaiming lakeÂfromÂpolder. Journal of Environmental Sciences, 2022, 118, 147-157.	6.1	2