Honggang Zhang

List of Publications by Year
in descending order

22 papers	928 citations	516710 16 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	1174 citing authors

#	Article	IF	Citations
1	Analyzing trophic transfer of heavy metals for food webs in the newly-formed wetlands of the Yellow River Delta, China. Environmental Pollution, 2011, 159, 1297-1306.	7.5	183
2	Distribution and pollution, toxicity and risk assessment of heavy metals in sediments from urban and rural rivers of the Pearl River delta in southern China. Ecotoxicology, 2013, 22, 1564-1575.	2.4	122
3	Heavy metals in water, soils and plants in riparian wetlands in the Pearl River Estuary, South China. Procedia Environmental Sciences, 2010, 2, 1344-1354.	1.4	79
4	Combating hypoxia/anoxia at sediment-water interfaces: A preliminary study of oxygen nanobubble modified clay materials. Science of the Total Environment, 2018, 637-638, 550-560.	8.0	69
5	Influence of zeta potential on the flocculation of cyanobacteria cells using chitosan modified soil. Journal of Environmental Sciences, 2015, 28, 47-53.	6.1	50
6	Changes of P, Ca, Al and Fe contents in fringe marshes along a pedogenic chronosequence in the Pearl River estuary, South China. Continental Shelf Research, 2011, 31, 739-747.	1.8	47
7	Amphoteric starch-based bicomponent modified soil for mitigation of harmful algal blooms (HABs) with broad salinity tolerance: Flocculation, algal regrowth, and ecological safety. Water Research, 2019, 165, 115005.	11.3	46
8	Flocculation of cyanobacterial cells using coal fly ash modified chitosan. Water Research, 2016, 97, 11-18.	11.3	45
9	Heavy metal distribution of natural and reclaimed tidal riparian wetlands in south estuary, China. Journal of Environmental Sciences, 2011, 23, 1937-1946.	6.1	44
10	Nanobubbles at Hydrophilic Particleâ€“Water Interfaces. Langmuir, 2016, 32, 11133-11137.	3.5	36
11	Ecotoxicological assessment of flocculant modified soil for lake restoration using an integrated biotic toxicity index. Water Research, 2016, 97, 133-141.	11.3	30
12	Manipulating nutrient limitation using modified local soils: A case study at Lake Taihu (China). Water Research, 2016, 101, 25-35.	11.3	29
13	Exploring a multifunctional geoengineering material for eutrophication remediation: Simultaneously control internal nutrient load and tackle hypoxia. Chemical Engineering Journal, 2021, 406, 127206.	12.7	26
14	Modified Local Soil (MLS) Technology for Harmful Algal Bloom Control, Sediment Remediation, and Ecological Restoration. Water (Switzerland), 2019, 11, 1123.	2.7	24
15	Anoxia remediation and internal loading modulation in eutrophic lakes using geoengineering method based on oxygen nanobubbles. Science of the Total Environment, 2020, 714, 136766.	8.0	19
16	Surficial and Vertical Distribution of Heavy Metals in Different Estuary Wetlands in the Pearl River, South China. Clean - Soil, Air, Water, 2012, 40, 1174-1184.	1.1	18
17	Synergism of natural and constructed wetlands in Beijing, China. Ecological Engineering, 2011, 37, 128-138.	3.6	15
18	Species diversity and distribution for zooplankton in the inter-tidal wetlands of the Pearl River estuary, China. Procedia Environmental Sciences, 2012, 13, 2383-2393.	1.4	15

#	Article	IF	Citations
19	Application of a biotic index to assess natural and constructed riparian wetlands in an estuary. Ecological Engineering, 2012, 44, 303-313.	3.6	11
20	Wetland Network Design for Mitigation of Saltwater Intrusion by Replenishing Freshwater in an Estuary. Clean - Soil, Air, Water, 2012, 40, 1036-1046.	1.1	10
21	Switching Harmful Algal Blooms to Submerged Macrophytes in Shallow Waters Using Geo-engineering Methods: Evidence from a ¹⁵N Tracing Study. Environmental Science & Technology, 2018, 52, 11778-11785.	10.0	7
22	Calculation of evapotranspiration in different climatic zones combining the long-term monitoring data with bootstrap method. Environmental Research, 2020, 191, 110200.	7.5	3