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	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
2	Calculation of evapotranspiration in different climatic zones combining the long-term monitoring data with bootstrap method. Environmental Research, 2020, 191, 110200.	7.5	3
3	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
4	Modified Local Soil (MLS) Technology for Harmful Algal Bloom Control, Sediment Remediation, and Ecological Restoration. Water (Switzerland), 2019, 11, 1123.	2.7	24
5	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
6	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
7	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
8	Nanobubbles at Hydrophilic Particleâ€“Water Interfaces. Langmuir, 2016, 32, 11133-11137.	3.5	36
9	Manipulating nutrient limitation using modified local soils: A case study at Lake Taihu (China). Water Research, 2016, 101, 25-35.	11.3	29
10	Flocculation of cyanobacterial cells using coal fly ash modified chitosan. Water Research, 2016, 97, 11-18.	11.3	45
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	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
13	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
14	Application of a biotic index to assess natural and constructed riparian wetlands in an estuary. Ecological Engineering, 2012, 44, 303-313.	3.6	11
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Synergism of natural and constructed wetlands in Beijing, China. Ecological Engineering, 2011, 37, 128-138.	3.6	15
22	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