Guoqiang Zhao

List of Publications by Year
in descending order

14 papers	233 citations	1162889 8 h-index	1058333 14 g-index
14 all docs	14 docs citations	14 times ranked	182 citing authors

#	Article	IF	Citations
1	Remediation and its biological responses of Cd contaminated sediments using biochar and minerals with nanoscale zero-valent iron loading. Science of the Total Environment, 2020, 713, 136650.	3.9	58
2	In situ microbial remediation of crude oil-soaked marine sediments using zeolite carrier with a polymer coating. Marine Pollution Bulletin, 2018, 129, 172-178.	2.3	37
3	The biogeochemical characteristics of phosphorus in coastal sediments under high salinity and dredging conditions. Chemosphere, 2019, 215, 681-692.	4.2	28
4	Tide-Triggered Production of Reactive Oxygen Species in Coastal Soils. Environmental Science & Technology, 2022, 56, 11888-11896.	4.6	25
5	High Sample Throughput LED Reactor for Facile Characterization of the Quantum Yield Spectrum of Photochemically Produced Reactive Intermediates. Environmental Science & Technology, 2021, 55, 16204-16214.	4.6	21
6	Attempt of basin-scale sediment quality standard establishment for heavy metals in coastal rivers. Chemosphere, 2020, 245, 125596.	4.2	19
7	Constructing the Support as a Microreactor and Regenerator for Highly Active and In Situ Regenerative Hydrogenation Catalyst. Advanced Functional Materials, 2021, 31, 2100971.	7.8	11
8	Optimized digestion methods: organic phosphorus sequential extraction, total phosphorus, and nitrogen simultaneous determination in sediments. Journal of Soils and Sediments, 2018, 18, 2072-2080.	1.5	8
9	Restraint of enzymolysis and photolysis of organic phosphorus and pyrophosphate using synthetic zeolite with humic acid and lanthanum. Chemical Engineering Journal, 2020, 386, 123791.	6.6	8
10	Redox-dependent phosphorus burial and regeneration in an offshore sulfidic sediment core in North Yellow Sea, China. Marine Pollution Bulletin, 2019, 149, 110582.	2.3	6
11	Effects of suspended particular matters, excess PO43-, and salinity on phosphorus speciation in coastal river sediments. Environmental Science and Pollution Research, 2020, 27, 27697-27707.	2.7	6
12	Effects of macro metals on alkaline phosphatase activity under conditions of sulfide accumulation. Science of the Total Environment, 2019, 697, 134151.	3.9	3
13	Coupling mechanisms of Sâ€“Feâ€“P in surface sediments under the stresses of high salinity and heavy metals in coastal rivers. Journal of Soils and Sediments, 2021, 21, 3234-3245.	1.5	2
14	Heterogeneous Hydrogenation Catalysts: Constructing the Support as a Microreactor and Regenerator for Highly Active and In Situ Regenerative Hydrogenation Catalyst (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.8	1