Lei Song

List of Publications by Year
in descending order

16 papers	177 citations	1163117 8 h-index	1125743 13 g-index
19 all docs	19 docs citations	19 times ranked	181 citing authors

#	Article	IF	Citations
1	Freezeâ€“thaw combined with activated carbon improves electrochemical dewaterability of sludge: analysis of sludge floc structure and dewatering mechanism. Environmental Science and Pollution Research, 2022, 29, 20333-20346.	5.3	10
2	Novel combination of bioleaching and persulfate for the removal of heavy metals from metallurgical industry sludge. Environmental Science and Pollution Research, 2022, 29, 33751-33763.	5.3	3
3	Pyrite activated peroxymonosulfate combined with as a physicalâ€“chemical conditioner modified biochar to improve sludge dewaterability: analysis of sludge floc structure and dewatering mechanism. Environmental Science and Pollution Research, 2022, 29, 74725-74741.	5.3	3
4	Dewatering municipal wastewater sludge using electro-coagulation combined with added free nitrous acid. Chemosphere, 2022, 306, 135484.	8.2	6
5	Immobilization of Cd and phosphorus utilization in eutrophic river sediments by biochar-supported nanoscale zero-valent iron. Environmental Technology (United Kingdom), 2021, 42, 4072-4078.	2.2	9
6	Iron powder activated peroxymonosulfate combined with waste straw to improve sludge dewaterability. Environmental Technology (United Kingdom), 2021, 42, 1302-1311.	2.2	8
7	Cattail fibers as source of cellulose to prepare a novel type of composite aerogel adsorbent for the removal of enrofloxacin in wastewater. International Journal of Biological Macromolecules, 2021, 191, 171-181.	7.5	39
8	Remediation of copper and lead contaminated sediments using iron-based granule biochar: mechanisms and enzyme activity. Environmental Technology (United Kingdom), 2021, , 1-13.	2.2	1
9	Granular activated carbon-supported titanium dioxide nanoparticles as an amendment for amending copper-contaminated sediments: Effect on the pH in sediments and enzymatic activities. Ecotoxicology and Environmental Safety, 2020, 206, 111325.	6.0	10
10	Effect of modified graphene oxide on Cu and phosphorus in eutrophic river sediments. Water Science and Technology, 2020, 82, 787-798.	2.5	2
11	Remediation of copper contaminated sediments by granular activated carbon-supported titanium dioxide nanoparticles: Mechanism study and effect on enzyme activities. Science of the Total Environment, 2020, 741, 139962.	8.0	20
12	Highly efficient enhancement of municipal sludge dewaterability using persulfate activation with nZVI/HA. Water Science and Technology, 2019, 79, 1309-1315.	2.5	5
13	Naked oats biochar-supported nanoscale zero-valent iron composite: effects on Cd immobilization and enzyme activities in Ulansuhai River sediments of China. Journal of Soils and Sediments, 2019, 19, 2650-2662.	3.0	13
14	Improved sludge dewaterability using persulfate activated by humic acid supported nanoscale zero-valent iron: effect on sludge characteristics and reaction mechanisms. Environmental Science: Water Research and Technology, 2018, 4, 1480-1488.	2.4	13
15	Novel bioflocculant produced by salt-tolerant, alkaliphilic strain Oceanobacillus polygoni HG6 and its application in tannery wastewater treatment. Bioscience, Biotechnology and Biochemistry, 2017, 81, 1018-1025.	1.3	15
16	Portable and Reusable Optofluidics-Based Biosensing Platform for Ultrasensitive Detection of Sulfadimidine in Dairy Products. Sensors, 2015, 15, 8302-8313.	3.8	19