

# Lei Song

## List of Publications by Year in descending order

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16  
papers

177  
citations

1163117

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1125743

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19  
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19  
docs citations

19  
times ranked

181  
citing authors

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