

Changyin Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

387
citations

1477746

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1199166

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all docs

12
docs citations

12
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive production of hydroxyl radicals during oxygenation of anoxic paddy soils: Implications to imidacloprid degradation. <i>Chemosphere</i> , 2022, 286, 131565.	4.2	10
2	Hydroxyl radicals induced mineralization of organic carbon during oxygenation of ferrous mineral-organic matter associations: Adsorption versus coprecipitation. <i>Science of the Total Environment</i> , 2022, 816, 151667.	3.9	6
3	Biotic Process Dominated the Uptake and Transformation of Ag ⁺ by <i>Shewanella oneidensis</i> MR-1. <i>Environmental Science & Technology</i> , 2022, 56, 2366-2377.	4.6	8
4	Rapid As(III) oxidation mediated by activated carbons: Reactive species vs. direct oxidation. <i>Science of the Total Environment</i> , 2022, 822, 153536.	3.9	5
5	Dynamic changes of reactive oxygen species in paddy overlying water: mechanisms and implications. <i>Journal of Soils and Sediments</i> , 2022, 22, 1746-1760.	1.5	4
6	Mechanistic insight into sulfite-enhanced diethyl phthalate degradation by hydrogen atom under UV light. <i>Separation and Purification Technology</i> , 2022, 295, 121310.	3.9	5
7	Effect of metal cations on antimicrobial activity and compartmentalization of silver in <i>Shewanella oneidensis</i> MR-1 upon exposure to silver ions. <i>Science of the Total Environment</i> , 2022, 838, 156401.	3.9	6
8	Photooxidation mechanism of As(III) by straw-derived dissolved organic matter. <i>Science of the Total Environment</i> , 2021, 757, 144049.	3.9	15
9	Effect of Straw Return on Hydroxyl Radical Formation in Paddy Soil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 211-217.	1.3	7
10	Pyrogenic Carbon Initiated the Generation of Hydroxyl Radicals from the Oxidation of Sulfide. <i>Environmental Science & Technology</i> , 2021, 55, 6001-6011.	4.6	36
11	Reactive oxygen species formation in thiols solution mediated by pyrogenic carbon under aerobic conditions. <i>Journal of Hazardous Materials</i> , 2021, 415, 125726.	6.5	1
12	Mechanism of hydroxyl radical generation from biochar suspensions: Implications to diethyl phthalate degradation. <i>Bioresource Technology</i> , 2015, 176, 210-217.	4.8	284