

# Chaolan Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

251  
citations

1040056

9  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

224  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mechanism of Silkworm Excrement Organic Fertilizer to Reduce the Cd Availability in Paddy Soil. <i>Soil and Sediment Contamination</i> , 2022, 31, 1-14.	1.9	8
2	Sb(III) resistance mechanism and oxidation characteristics of <i>Klebsiella aerogenes</i> X. <i>Chemosphere</i> , 2022, 293, 133453.	8.2	11
3	Immobilization mechanism of antimony by applying zirconium-manganese oxide in soil. <i>Science of the Total Environment</i> , 2022, 823, 153435.	8.0	10
4	Mechanism of reduction and immobilization of Cr(VI) by application modified nano-zerovalent iron. <i>Soil and Sediment Contamination</i> , 2022, 31, 1011-1025.	1.9	3
5	The mechanism of Cd sorption by silkworm excrement organic fertilizer and its effect on Cd accumulation in rice. <i>Journal of Soils and Sediments</i> , 2022, 22, 2184-2195.	3.0	9
6	Immobilization of As and Sb by combined applications Fe-Mn oxides with organic amendments and alleviation their uptake by <i>Brassica campestris</i> L. <i>Journal of Cleaner Production</i> , 2021, 288, 125088.	9.3	9
7	Remediation of Soil in a Deserted Arsenic Plant Site Using Synthesised MgAlFe-LDHs. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 167-174.	2.7	7
8	Enhanced Biodegradation of Hexachlorocyclohexane in Soil by Application of Exogenous Amendments. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	1
9	Root adaptation in <i>Echinodorus osiris</i> Rataj plant under cadmium stress. <i>International Journal of Phytoremediation</i> , 2020, 22, 534-539.	3.1	2
10	Remediation of Cd, Pb and as Co-contaminated Paddy Soil by Applying Different Amendments. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 283-290.	2.7	9
11	Combined Effect of Ferrous Ion and Biochar on Cadmium and Arsenic Accumulation in Rice. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 300.	2.5	15
12	Effect of two organic amendments on atrazine degradation and microorganisms in soil. <i>Applied Soil Ecology</i> , 2020, 152, 103564.	4.3	26
13	Humic Acid Reduces the Available Cadmium, Copper, Lead, and Zinc in Soil and Their Uptake by Tobacco. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1077.	2.5	31
14	Effects of biochar amendment on the sorption and degradation of atrazine in different soils. <i>Soil and Sediment Contamination</i> , 2018, 27, 643-657.	1.9	23
15	Physiological mechanisms of a wetland plant ( <i>Echinodorus osiris</i> Rataj) to cadmium detoxification. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21859-21866.	5.3	5
16	Effects of Amendments and Water Conditions on the Chemical Speciation of Cd and Pb in Contaminated Paddy Soil in a Mining Area. <i>Soil and Sediment Contamination</i> , 2016, 25, 717-726.	1.9	7
17	Assessment of Metals Pollution on Agricultural Soil Surrounding a Lead-Zinc Mining Area in the Karst Region of Guangxi, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 736-741.	2.7	30
18	Cadmium uptake, chemical forms, subcellular distribution, and accumulation in <i>Echinodorus osiris</i> Rataj. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1459.	3.5	19

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19	Mercury contamination and its potential health effects in a lead-zinc mining area in the karst region of Guangxi, China. <i>Applied Geochemistry</i> , 2011, 26, 154-159.	3.0	26