

Jianhong Li

List of Publications by Year in descending order

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15
papers

1,066
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1322
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of bamboo and rice straw biochars on the mobility and redistribution of heavy metals (Cd, Cu, Tj ETQq1 1 0.784314 rgBT /Ove	7.8	471
2	Bioavailability of Cd and Zn in soils treated with biochars derived from tobacco stalk and dead pigs. Journal of Soils and Sediments, 2017, 17, 751-762.	3.0	133
3	Humic substances as a washing agent for Cd-contaminated soils. Chemosphere, 2017, 181, 461-467.	8.2	79
4	Carbon-coated montmorillonite nanocomposite for the removal of chromium(VI) from aqueous solutions. Journal of Hazardous Materials, 2019, 368, 541-549.	12.4	73
5	Assessing the effect of pyrolysis temperature on the molecular properties and copper sorption capacity of a halophyte biochar. Environmental Pollution, 2019, 251, 56-65.	7.5	73
6	Limited Cu(II) binding to biochar DOM: Evidence from C K-edge NEXAFS and EEM-PARAFAC combined with two-dimensional correlation analysis. Science of the Total Environment, 2020, 701, 134919.	8.0	57
7	Coconut-fiber biochar reduced the bioavailability of lead but increased its translocation rate in rice plants: Elucidation of immobilization mechanisms and significance of iron plaque barrier on roots using spectroscopic techniques. Journal of Hazardous Materials, 2020, 389, 122117.	12.4	57
8	Pyrolysis Temperature-Dependent Changes in the Characteristics of Biochar-Borne Dissolved Organic Matter and Its Copper Binding Properties. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 169-174.	2.7	53
9	Lead and copper-induced hormetic effect and toxicity mechanisms in lettuce (<i>Lactuca sativa</i> L.) grown in a contaminated soil. Science of the Total Environment, 2020, 741, 140440.	8.0	22
10	Rice Rhizospheric Effects on the Bioavailability of Toxic Trace Elements during Land Application of Biochar. Environmental Science & Technology, 2021, 55, 7344-7354.	10.0	22
11	Comparison of lead adsorption characteristics onto soil-derived particulate organic matter versus humic acid. Journal of Soils and Sediments, 2021, 21, 2589-2603.	3.0	9
12	Spectroscopic investigations and density functional theory calculations reveal differences in retention mechanisms of lead and copper on chemically-modified phytolith-rich biochars. Chemosphere, 2022, 301, 134590.	8.2	6
13	Sorption mechanisms of lead on soil-derived black carbon formed under varying cultivation systems. Chemosphere, 2020, 261, 128220.	8.2	5
14	Preparation of bamboo-derived magnetic biochar for solid-phase microextraction of fentanyl from urine. Journal of Separation Science, 2022, 45, 1766-1773.	2.5	4
15	Changes in soil pool capacity for lead in response to conversion of rainforest to rubber plantations in Hainan Island, China. Land Degradation and Development, 2020, 31, 3055-3070.	3.9	2