

Jiang Wan

List of Publications by Year in descending order

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12
papers

364
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic insight and bifunctional study of a sulfide Fe ₃ O ₄ coated biochar composite for efficient As(III) and Pb(II) immobilization in soils. <i>Environmental Pollution</i> , 2022, 293, 118587.	7.5	28
2	Mixed bacteria-loaded biochar for the immobilization of arsenic, lead, and cadmium in a polluted soil system: Effects and mechanisms. <i>Science of the Total Environment</i> , 2022, 811, 152112.	8.0	47
3	Removal of decabromodiphenyl ethane (DBDPE) by BC/nZVI in the soil: Kinetics, pathways and mechanisms. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107004.	6.7	10
4	Recent advances of carbon-based nano zero valent iron for heavy metals remediation in soil and water: A critical review. <i>Journal of Hazardous Materials</i> , 2022, 426, 127993.	12.4	100
5	A comparative study on various indicators for evaluating soil health of three biochar materials application. <i>Journal of Cleaner Production</i> , 2022, 343, 131085.	9.3	6
6	Simultaneous immobilization of arsenic, lead and cadmium by magnesium-aluminum modified biochar in mining soil. <i>Journal of Environmental Management</i> , 2022, 310, 114792.	7.8	27
7	Is biochar a reliable catalyst for activating peroxydisulfate? Damage of biochar during catalytic process. <i>Chemosphere</i> , 2022, 303, 135240.	8.2	2
8	Computational study and optimization experiment of nZVI modified by anionic and cationic polymer for Cr(VI) stabilization in soil: Kinetics and response surface methodology (RSM). <i>Environmental Pollution</i> , 2021, 276, 116745.	7.5	32
9	Integrated structural and chemical analyses for HCl-supported hydrochar and their adsorption mechanisms for aqueous sulfachloropyridazine removal. <i>Journal of Hazardous Materials</i> , 2021, 417, 126009.	12.4	15
10	Exploring different mechanisms of biochars in removing hexavalent chromium: Sorption, reduction and electron shuttle. <i>Bioresource Technology</i> , 2021, 337, 125382.	9.6	33
11	Characterization and adsorption performance of biochars derived from three key biomass constituents. <i>Fuel</i> , 2020, 269, 117142.	6.4	51
12	Adsorption dynamics and mechanism of Amoxicillin and Sulfachloropyridazine by ZrO _x /porous carbon nanocomposites. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 104, 65-74.	5.3	13