

Kai Liu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

471
citations

1162367

8
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Surfactant-assisted removal of 2,4-dichlorophenol from soil by zero-valent Fe/Cu activated persulfate. Chinese Journal of Chemical Engineering, 2022, 44, 447-455.	1.7	5
2	Electron shuttle-induced oxidative transformation of arsenite on the surface of goethite and underlying mechanisms. Journal of Hazardous Materials, 2022, 425, 127780.	6.5	21
3	Sustainability assessment and carbon budget of chemical stabilization based multi-objective remediation of Cd contaminated paddy field. Science of the Total Environment, 2022, 819, 152022.	3.9	18
4	Biogeochemical Fe(II) generators as a new strategy for limiting Cd uptake by rice and its implication for agricultural sustainability. Science of the Total Environment, 2022, 820, 153306.	3.9	20
5	Carbon-based strategy enables sustainable remediation of paddy soils in harmony with carbon neutrality. , 2022, 1, .		39
6	Phase transformation of nanosized zero-valent iron modulated by As(III) determines heavy metal passivation. Water Research, 2022, 221, 118804.	5.3	18
7	Highly porous animal bone-derived char with a superiority of promoting nZVI for Cr(VI) sequestration in agricultural soils. Journal of Environmental Sciences, 2021, 104, 27-39.	3.2	47
8	The overlooked role of carbonaceous supports in enhancing arsenite oxidation and removal by nZVI: Surface area versus electrochemical property. Chemical Engineering Journal, 2021, 406, 126851.	6.6	68
9	New insights into stoichiometric efficiency and synergistic mechanism of persulfate activation by zero-valent bimetal (Iron/Copper) for organic pollutant degradation. Journal of Hazardous Materials, 2021, 403, 123669.	6.5	59
10	Emerging investigator series: 3D graphene anchored zerovalent Fe/Cu aerogel activating persulfate for efficiently 2,4 dichlorophenol degradation over a broad pH range. Environmental Science: Water Research and Technology, 2021, 7, 714-725.	1.2	2
11	Simultaneous removal of Cd(II) and As(III) by graphene-like biochar-supported zero-valent iron from irrigation waters under aerobic conditions: Synergistic effects and mechanisms. Journal of Hazardous Materials, 2020, 395, 122623.	6.5	174