

# Hui Li

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

2,441  
citations

279798

23  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of amino-functionalized titanium metal-organic frameworks and their superior visible-light photocatalytic activity for Cr(VI) reduction. <i>Journal of Hazardous Materials</i> , 2015, 286, 187-194.	12.4	634
2	Adsorption behavior and mechanism of Mg/Fe layered double hydroxide with Fe <sub>3</sub> O <sub>4</sub> -carbon spheres on the removal of Pb(II) and Cu(II). <i>Journal of Colloid and Interface Science</i> , 2019, 536, 440-455.	9.4	207
3	Oxidative torrefaction of biomass residues and densification of torrefied sawdust to pellets. <i>Bioresource Technology</i> , 2013, 127, 318-325.	9.6	181
4	Hydroxyapatite modified sludge-based biochar for the adsorption of Cu <sup>2+</sup> and Cd <sup>2+</sup> : Adsorption behavior and mechanisms. <i>Bioresource Technology</i> , 2021, 321, 124413.	9.6	155
5	Modification, application and reaction mechanisms of nano-sized iron sulfide particles for pollutant removal from soil and water: A review. <i>Chemical Engineering Journal</i> , 2019, 362, 144-159.	12.7	140
6	Influence of biochar on heavy metals and microbial community during composting of river sediment with agricultural wastes. <i>Bioresource Technology</i> , 2017, 243, 347-355.	9.6	119
7	Activated biochar with iron-loading and its application in removing Cr (VI) from aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 579, 123642.	4.7	96
8	A facile band alignment of polymeric carbon nitride isotype heterojunctions for enhanced photocatalytic tetracycline degradation. <i>Environmental Science: Nano</i> , 2018, 5, 2604-2617.	4.3	93
9	Changes of heavy metal fractions during co-composting of agricultural waste and river sediment with inoculation of <i>Phanerochaete chrysosporium</i> . <i>Journal of Hazardous Materials</i> , 2019, 378, 120757.	12.4	87
10	Implication of graphene oxide in Cd-contaminated soil: A case study of bacterial communities. <i>Journal of Environmental Management</i> , 2018, 205, 99-106.	7.8	75
11	Pyrolysis and combustion kinetics of sludge-camphor pellet thermal decomposition using thermogravimetric analysis. <i>Energy Conversion and Management</i> , 2015, 106, 282-289.	9.2	72
12	The effects of temperature and color value on hydrochars™ properties in hydrothermal carbonization. <i>Bioresource Technology</i> , 2018, 249, 574-581.	9.6	71
13	Adsorption of Pb(II) by tourmaline-montmorillonite composite in aqueous phase. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 367-376.	9.4	65
14	Thermogravimetric characteristics and kinetics analysis of oil cake and torrefied biomass blends. <i>Fuel</i> , 2016, 175, 129-136.	6.4	61
15	Enhancement of heavy metals removal by microbial flocculant produced by <i>Paenibacillus polymyxa</i> combined with an insufficient hydroxide precipitation. <i>Chemical Engineering Journal</i> , 2019, 374, 880-894.	12.7	44
16	Application of Fenton pretreatment on the degradation of rice straw by mixed culture of <i>Phanerochaete chrysosporium</i> and <i>Aspergillus niger</i> . <i>Industrial Crops and Products</i> , 2018, 112, 290-295.	5.2	43
17	Simple hydrothermal synthesis of magnetic MnFe <sub>2</sub> O <sub>4</sub> -sludge biochar composites for removal of aqueous Pb <sup>2+</sup> . <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 156, 105173.	5.5	43
18	Evolution of humic substances and the forms of heavy metals during co-composting of rice straw and sediment with the aid of Fenton-like process. <i>Bioresource Technology</i> , 2021, 333, 125170.	9.6	39

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19	Novel Magnetic Pomelo Peel Biochar for Enhancing Pb(II) And Cu(II) Adsorption: Performance and Mechanism. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	37
20	Glucose enhanced the oxidation performance of iron-manganese binary oxides: Structure and mechanism of removing tetracycline. <i>Journal of Colloid and Interface Science</i> , 2020, 573, 287-298.	9.4	34
21	Comparison of atmospheric pressure and gas-pressurized torrefaction of municipal sewage sludge: Properties of solid products. <i>Energy Conversion and Management</i> , 2020, 213, 112793.	9.2	33
22	Fabrication, application, and mechanism of metal and heteroatom co-doped biochar composites (MHBCs) for the removal of contaminants in water: A review. <i>Journal of Hazardous Materials</i> , 2022, 431, 128584.	12.4	26
23	Functional wastepaper-montmorillonite composite aerogel for Cd <sup>2+</sup> adsorption. <i>Environmental Science and Pollution Research</i> , 2020, 27, 38644-38653.	5.3	24
24	Pyrolysis of torrefied rice straw from gas-pressurized and oxidative torrefaction: Pyrolysis kinetic analysis and the properties of biochars. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 157, 105238.	5.5	23
25	Preparation of a double-network hydrogel based on wastepaper and its application in the treatment of wastewater containing copper (<math>Cu^{2+}</math>) and methylene blue. <i>RSC Advances</i> , 2021, 11, 18131-18143.	3.6	17
26	Properties of oxidatively torrefied Chinese fir residue: Color dimension, pyrolysis kinetics, and storage behavior. <i>Fuel Processing Technology</i> , 2021, 213, 106663.	7.2	11
27	The Effect of Composting on the Multiple Heavy Metals in the River Sediment Investigated by Multivariate Analysis. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	8
28	Iron-sulphur transformation control for enhancing Cr(VI) removal in flake and nanoscale porous pyrrhotite (Fe <sub>7</sub> S <sub>8</sub> ) added wastewater. <i>Journal of Hazardous Materials</i> , 2022, 436, 129079.	12.4	3