

Yuping Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,991
citations

304743

22
h-index

315739

38
g-index

39
all docs

39
docs citations

39
times ranked

2371
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness and mechanisms of dye adsorption on a straw-based biochar. <i>Bioresource Technology</i> , 2009, 100, 5348-5351.	9.6	249
2	Surface characteristics of crop-residue-derived black carbon and lead(II) adsorption. <i>Water Research</i> , 2008, 42, 567-574.	11.3	238
3	Oxidative removal of aqueous steroid estrogens by manganese oxides. <i>Water Research</i> , 2008, 42, 5038-5044.	11.3	131
4	Size-dependent transport and retention of micron-sized plastic spheres in natural sand saturated with seawater. <i>Water Research</i> , 2018, 143, 518-526.	11.3	130
5	Influence of Environmental Factors on Pesticide Adsorption by Black Carbon: pH and Model Dissolved Organic Matter. <i>Environmental Science & Technology</i> , 2009, 43, 4973-4978.	10.0	112
6	A novel manganese-oxide/biochar composite for efficient removal of lead(II) from aqueous solutions. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1719-1726.	3.5	101
7	Performance and mechanisms of emerging animal-derived biochars for immobilization of heavy metals. <i>Science of the Total Environment</i> , 2019, 646, 1281-1289.	8.0	97
8	Cotransport of nanoplastics (NPs) with fullerene (C60) in saturated sand: Effect of NPs/C60 ratio and seawater salinity. <i>Water Research</i> , 2019, 148, 469-478.	11.3	81
9	Direct Observation of the Release of Nanoplastics from Commercially Recycled Plastics with Correlative Raman Imaging and Scanning Electron Microscopy. <i>ACS Nano</i> , 2020, 14, 7920-7926.	14.6	76
10	Role of surface functionalities of nanoplastics on their transport in seawater-saturated sea sand. <i>Environmental Pollution</i> , 2019, 255, 113177.	7.5	69
11	Protein corona-mediated transport of nanoplastics in seawater-saturated porous media. <i>Water Research</i> , 2020, 182, 115978.	11.3	69
12	Sorptive domains of pine chars as probed by benzene and nitrobenzene. <i>Environmental Pollution</i> , 2010, 158, 201-206.	7.5	63
13	Role of surface functionality in the adsorption of anionic dyes on modified polymeric sorbents. <i>Chemosphere</i> , 2006, 64, 963-971.	8.2	56
14	Competitive biodegradation of dichlobenil and atrazine coexisting in soil amended with a char and citrate. <i>Environmental Pollution</i> , 2009, 157, 2964-2969.	7.5	52
15	Natural oxidation of a temperature series of biochars: Opposite effect on the sorption of aromatic cationic herbicides. <i>Ecotoxicology and Environmental Safety</i> , 2015, 114, 102-108.	6.0	51
16	Abiotic oxidation of 17 β -estradiol by soil manganese oxides. <i>Environmental Pollution</i> , 2009, 157, 2710-2715.	7.5	43
17	Lead competition alters the zinc adsorption mechanism on animal-derived biochar. <i>Science of the Total Environment</i> , 2020, 713, 136395.	8.0	37
18	Effectiveness and potential of straw- and wood-based biochars for adsorption of imidazolium-type ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2016, 130, 155-162.	6.0	31

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19	Mechanistic insights and multiple characterizations of cadmium binding to animal-derived biochar. <i>Environmental Pollution</i> , 2020, 258, 113675.	7.5	28
20	Multi-component removal of Pb(II), Cd(II), and As(V) over core-shell structured nanoscale zero-valent iron@mesoporous hydrated silica. <i>Science of the Total Environment</i> , 2022, 827, 154329.	8.0	28
21	Mechanisms and Factors Influencing Adsorption of Microcystin-LR on Biochars. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	26
22	Structural effect of imidazolium-type ionic liquid adsorption to montmorillonite. <i>Science of the Total Environment</i> , 2019, 666, 858-864.	8.0	26
23	Effectiveness and mechanism for the simultaneous adsorption of Pb(II), Cd(II) and As(III) by animal-derived biochar/ferrhydrite composite. <i>Chemosphere</i> , 2022, 293, 133583.	8.2	26
24	Hybrid ash/biochar biocomposites as soil amendments for the alleviation of cadmium accumulation by <i>Oryza sativa</i> L. in a contaminated paddy field. <i>Chemosphere</i> , 2020, 239, 124805.	8.2	23
25	Reduced adsorption of propanil to black carbon: Effect of dissolved organic matter loading mode and molecule size. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1187-1193.	4.3	20
26	Transport of imidazolium-based ionic liquids with different anion/cation species in sand/soil columns. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 480-486.	6.0	18
27	Enhanced irreversible sorption of carbaryl to soils amended with crop-residue-derived biochar. <i>Chemosphere</i> , 2013, 93, 69-74.	8.2	17
28	Joint anti-estrogenic effects of PCP and TCDD in primary cultures of juvenile goldfish hepatocytes using vitellogenin as a biomarker. <i>Chemosphere</i> , 2006, 65, 359-364.	8.2	13
29	Improved understanding of tributyltin sorption on natural and biochar-amended sediments. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2682-2687.	4.3	13
30	Sleep quality and excessive daytime sleepiness in women with Premenstrual Syndrome. <i>Gynecological Endocrinology</i> , 2021, 37, 945-949.	1.7	13
31	Counteranion-dependent sorption of imidazolium- and benzimidazolium-based ionic liquids by soot. <i>Chemosphere</i> , 2018, 202, 264-271.	8.2	11
32	Comparative Adsorption of Nitrophenols on Macroporous Resin and Newly-Synthesized Hypercrosslinked Resin. <i>Adsorption Science and Technology</i> , 2003, 21, 809-820.	3.2	9
33	Factors that influence the degradation of 1-ethyl-3-methylimidazolium hexafluorophosphate by Fenton oxidation. <i>RSC Advances</i> , 2016, 6, 59889-59895.	3.6	9
34	Pb(II)-mediated precipitate transformation promotes Cr(VI) immobilization by biogenic hydroxyapatite. <i>Journal of Hazardous Materials</i> , 2022, 424, 127584.	12.4	8
35	Insight into the role of ion-pairing in the adsorption of imidazolium derivative-based ionic liquids by activated carbon. <i>Science of the Total Environment</i> , 2020, 743, 140644.	8.0	6
36	Nanoplastics dominate the cotransport of small-scale plastics in seawater-saturated porous media. <i>Water Research</i> , 2022, 221, 118773.	11.3	5

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37	Saltwater intrusion weakens Fe-(oxyhydr)oxide-mediated (im)mobilization of Ni and Zn in redox-fluctuating soilâ€“groundwater system. <i>Water Research</i> , 2022, 221, 118799.	11.3	4
38	Fibrous and filmy microplastics exert opposite effects on the mobility of nanoplastics in saturated porous media. <i>Journal of Hazardous Materials</i> , 2022, 434, 128912.	12.4	2
39	Structure-Dependent Fenton Reactivity and Degradation Pathway of Methylimidazolium Ionic Liquids. <i>ACS ES&T Water</i> , 2021, 1, 808-814.	4.6	0