Liheng Xu

List of Publications by Year
in descending order

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28 papers	890 citations	361296 20 h-index	501076 28 g-index
28 all docs	28 docs citations	28 times ranked	802 citing authors

#	Article	IF	Citations
1	Transport of micro- and nanoplastics in the environment: Trojan-Horse effect for organic contaminants. Critical Reviews in Environmental Science and Technology, 2022, 52, 810-846.	6.6	45
2	Enhanced removal of ammonium from water using sulfonated reed waste biochar-A lab-scale investigation. Environmental Pollution, 2022, 292, 118412.	3.7	11
3	Removal of phosphate from water by paper mill sludge biochar. Environmental Pollution, 2022, 293, 118521.	3.7	25
4	Retention and transport behavior of microplastic particles in water-saturated porous media. Science of the Total Environment, 2022, 808, 152154.	3.9	32
5	Functionalizing biochar by Co-pyrolysis shaddock peel with red mud for removing acid orange 7 from water. Environmental Pollution, 2022, 299, 118893.	3.7	23
6	Insights into the adsorption mechanism of tetracycline on hierarchically porous carbon and the effect of nanoporous geometry. Chemical Engineering Journal, 2022, 437, 135454.	6.6	28
7	Synergistic role of inherent calcium and iron minerals in paper mill sludge biochar for phosphate adsorption. Science of the Total Environment, 2022, 834, 155193.	3.9	33
8	Engineered/designer hierarchical porous carbon materials for organic pollutant removal from water and wastewater: A critical review. Critical Reviews in Environmental Science and Technology, 2021, 51, 2295-2328.	6.6	24
9	Highly effective adsorption of antibiotics from water by hierarchically porous carbon: Effect of nanoporous geometry. Environmental Pollution, 2021, 274, 116591.	3.7	29
10	Ammonium removal using a calcined natural zeolite modified with sodium nitrate. Journal of Hazardous Materials, 2020, 393, 122481.	6.5	65
11	Fabrication and application of hierarchical porous carbon for the adsorption of bulky dyes. Microporous and Mesoporous Materials, 2019, 290, 109651.	2.2	34
12	Highly Effective Removal of Tetracycline from Water by Hierarchical Porous Carbon: Batch and Column Adsorption. Industrial & Engineering Chemistry Research, 2019, 58, 20036-20046.	1.8	37
13	Role and fate of the lead during the conversion of calcium sulfate dihydrate to Î±-hemihydrate whiskers in ethylene glycol-water solutions. Chemical Engineering Journal, 2019, 372, 74-81.	6.6	20
14	Organo-layered double hydroxides for the removal of polycyclic aromatic hydrocarbons from soil washing effluents containing high concentrations of surfactants. Journal of Hazardous Materials, 2019, 373, 678-686.	6.5	35
15	Column adsorption of 2-naphthol from aqueous solution using carbon nanotube-based composite adsorbent. Chemical Engineering Journal, 2018, 335, 450-457.	6.6	46
16	Sodium Cation-Mediated Crystallization of Î±-Hemihydrate Whiskers from Gypsum in Ethylene Glycolâ€"Water Solutions. Crystal Growth and Design, 2018, 18, 6694-6701.	1.4	16
17	Fabrication of MWCNTs-polysulfone composite membranes and its application in the removal of bisphenol A. Materials Research Express, 2018, 5, 065101.	0.8	6
18	Effect of CNT content on physicochemical properties and performance of CNT composite polysulfone membranes. Chemical Engineering Research and Design, 2017, 121, 92-98.	2.7	29

#	Article	IF	Citations
19	Removal of p-chlorophenol from aqueous solutions by carbon nanotube hybrid polymer adsorbents. Chemical Engineering Research and Design, 2017, 123, 76-83.	2.7	24
20	Adsorption Characteristics of a Novel Carbon-Nanotube-Based Composite Adsorbent toward Organic Pollutants. Industrial & Engineering Chemistry Research, 2015, 54, 2379-2384.	1.8	32
21	Influence Factors on the Formation of Acrylamide in the Amino Acid/Sugar Chemical Model System. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 344-348.	0.1	11
22	Construction of carbon nanotube-based microcapsules by self-assembly. Environmental Chemistry Letters, 2014, 12, 359-364.	8.3	4
23	Adsorptionâ€“desorption behavior of naphthalene onto CDMBA modified bentonite: Contribution of the Ï€â€“Ï€ interaction. Applied Clay Science, 2014, 100, 29-34.	2.6	33
24	Structures of OTMA- and DODMA-bentonite and their sorption characteristics towards organic compounds. Journal of Colloid and Interface Science, 2009, 331, 8-14.	5.0	51
25	Structure of surfactantâ€“clay complexes and their sorptive characteristics toward HOCs. Separation and Purification Technology, 2008, 63, 156-162.	3.9	37
26	Sorption characteristics of CTMAâ€“bentonite complexes as controlled by surfactant packing density. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 294, 221-227.	2.3	69
27	Influence of clay charge densities and surfactant loading amount on the microstructure of CTMAâ€“montmorillonite hybrids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 304, 41-48.	2.3	69
28	Structures of hexamethonium exchanged bentonite and the sorption characteristics for phenol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 307, 1-6.	2.3	22