

Liheng Xu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

501

citations

14

h-index

22

g-index

28

ext. papers

670

ext. citations

8.1

avg, IF

4.12

L-index

#	Paper	IF	Citations
28	Sorption characteristics of CTMA ⁺ Bentonite complexes as controlled by surfactant packing density. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 294, 221-227	5.1	62
27	Influence of clay charge densities and surfactant loading amount on the microstructure of CTMA ⁺ montmorillonite hybrids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 304, 41-48	5.1	61
26	Structures of OTMA ⁻ and DODMA ⁻ bentonite and their sorption characteristics towards organic compounds. <i>Journal of Colloid and Interface Science</i> , 2009 , 331, 8-14	9.3	46
25	Structure of surfactant ⁻ clay complexes and their sorptive characteristics toward HOCs. <i>Separation and Purification Technology</i> , 2008 , 63, 156-162	8.3	35
24	Column adsorption of 2-naphthol from aqueous solution using carbon nanotube-based composite adsorbent. <i>Chemical Engineering Journal</i> , 2018 , 335, 450-457	14.7	32
23	Ammonium removal using a calcined natural zeolite modified with sodium nitrate. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122481	12.8	29
22	Adsorption-desorption behavior of naphthalene onto CDMBA modified bentonite: Contribution of the π -Interaction. <i>Applied Clay Science</i> , 2014 , 100, 29-34	5.2	28
21	Fabrication and application of hierarchical porous carbon for the adsorption of bulky dyes. <i>Microporous and Mesoporous Materials</i> , 2019 , 290, 109651	5.3	23
20	Adsorption Characteristics of a Novel Carbon-Nanotube-Based Composite Adsorbent toward Organic Pollutants. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 2379-2384	3.9	23
19	Effect of CNT content on physicochemical properties and performance of CNT composite polysulfone membranes. <i>Chemical Engineering Research and Design</i> , 2017 , 121, 92-98	5.5	21
18	Removal of p-chlorophenol from aqueous solutions by carbon nanotube hybrid polymer adsorbents. <i>Chemical Engineering Research and Design</i> , 2017 , 123, 76-83	5.5	19
17	Structures of hexamethonium exchanged bentonite and the sorption characteristics for phenol. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 307, 1-6	5.1	19
16	Organo-layered double hydroxides for the removal of polycyclic aromatic hydrocarbons from soil washing effluents containing high concentrations of surfactants. <i>Journal of Hazardous Materials</i> , 2019 , 373, 678-686	12.8	18
15	Highly Effective Removal of Tetracycline from Water by Hierarchical Porous Carbon: Batch and Column Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 20036-20046	3.9	17
14	Role and fate of the lead during the conversion of calcium sulfate dihydrate to hemihydrate whiskers in ethylene glycol-water solutions. <i>Chemical Engineering Journal</i> , 2019 , 372, 74-81	14.7	11
13	Transport of micro- and nanoplastics in the environment: Trojan-Horse effect for organic contaminants. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 1-37	11.1	9
12	Highly effective adsorption of antibiotics from water by hierarchically porous carbon: Effect of nanoporous geometry. <i>Environmental Pollution</i> , 2021 , 274, 116591	9.3	8

11	Sodium Cation-Mediated Crystallization of Hemihydrate Whiskers from Gypsum in Ethylene Glycol/Water Solutions. <i>Crystal Growth and Design</i> , 2018 , 18, 6694-6701	3.5	8
10	Influence Factors on the Formation of Acrylamide in the Amino Acid/Sugar Chemical Model System. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2014 , 2, 344-348	1.9	7
9	Engineered/designer hierarchical porous carbon materials for organic pollutant removal from water and wastewater: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021 , 51, 2295-2328	11.1	6
8	Removal of phosphate from water by paper mill sludge biochar. <i>Environmental Pollution</i> , 2021 , 293, 118521	9.3	5
7	Construction of carbon nanotube-based microcapsules by self-assembly. <i>Environmental Chemistry Letters</i> , 2014 , 12, 359-364	13.3	4
6	Fabrication of MWCNTs-polysulfone composite membranes and its application in the removal of bisphenol A. <i>Materials Research Express</i> , 2018 , 5, 065101	1.7	4
5	Retention and transport behavior of microplastic particles in water-saturated porous media. <i>Science of the Total Environment</i> , 2021 , 808, 152154	10.2	3
4	Enhanced removal of ammonium from water using sulfonated reed waste biochar-A lab-scale investigation. <i>Environmental Pollution</i> , 2022 , 292, 118412	9.3	1
3	Insights into the adsorption mechanism of tetracycline on hierarchically porous carbon and the effect of nanoporous geometry. <i>Chemical Engineering Journal</i> , 2022 , 437, 135454	14.7	1
2	Synergistic role of inherent calcium and iron minerals in paper mill sludge biochar for phosphate adsorption.. <i>Science of the Total Environment</i> , 2022 , 155193	10.2	1
1	Functionalizing biochar by Co-pyrolysis shaddock peel with red mud for removing acid orange 7 from water.. <i>Environmental Pollution</i> , 2022 , 118893	9.3	0