

Taotao Lu

List of Publications by Year in descending order

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papers

595
citations

567281

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32
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docs citations

32
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	The mechanisms of water transport in the capillary fringe: sandbox experiments and numerical studies. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 5791-5802.	3.5	2
2	Enhanced transport of heavy metal ions by low-molecular-weight organic acids in saturated porous media: Link complex stability constants to heavy metal mobility. <i>Chemosphere</i> , 2022, 290, 133339.	8.2	27
3	Hydrochemical characteristics and health risk assessment of groundwater in karst areas of southwest China: A case study of Bama, Guangxi. <i>Journal of Cleaner Production</i> , 2022, 341, 130872.	9.3	32
4	Adsorption behavior and mechanism of tetracycline onto hematite: Effects of low-molecular-weight organic acids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128546.	4.7	8
5	Hydrochemical characteristics and quality assessment of shallow groundwater in Yangtze River Delta of eastern China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 57215-57231.	5.3	3
6	Insights into the effect of citric acid on the carbon dot-mediated transport of Cd ²⁺ through saturated porous media. <i>Environmental Science: Nano</i> , 2022, 9, 2061-2072.	4.3	1
7	Surfactants-mediated the enhanced mobility of tetracycline in saturated porous media and its variation with aqueous chemistry. <i>Chemosphere</i> , 2022, 302, 134887.	8.2	4
8	Transport of tetracycline in saturated porous media: combined functions of inorganic ligands and solution pH. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1071-1081.	3.5	3
9	Insight into the effect of phosphate on ferrihydrite colloid-mediated transport of tetracycline in saturated porous media. <i>Environmental Science and Pollution Research</i> , 2022, 29, 80693-80704.	5.3	3
10	The mechanisms involved into the inhibitory effects of ionic liquids chemistry on adsorption performance of ciprofloxacin onto inorganic minerals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129422.	4.7	3
11	Trace elements in public drinking water in Chinese cities: Insights from their health risks and mineral nutrition assessments. <i>Journal of Environmental Management</i> , 2022, 318, 115540.	7.8	6
12	Effects of phosphate on the transport of graphene oxide nanoparticles in saturated clean and iron oxide-coated sand columns. <i>Journal of Environmental Sciences</i> , 2021, 103, 80-92.	6.1	17
13	Insights into the mutual promotion effect of graphene oxide nanoparticles and tetracycline on their transport in saturated porous media. <i>Environmental Pollution</i> , 2021, 268, 115730.	7.5	25
14	Graphene oxide nanoparticles and hematite colloids behave oppositely in their co-transport in saturated porous media. <i>Chemosphere</i> , 2021, 265, 129081.	8.2	13
15	Role of solution chemistry in the attachment of graphene oxide nanoparticles onto iron oxide minerals with different characteristics. <i>Environmental Science and Pollution Research</i> , 2021, 28, 5126-5136.	5.3	12
16	Strontium in public drinking water and associated public health risks in Chinese cities. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23048-23059.	5.3	30
17	Relevance of Iron Oxyhydroxide and Pore Water Chemistry on the Mobility of Nanoplastic Particles in Water-Saturated Porous Media Environments. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	14
18	Elements in potable groundwater in Rugao longevity area, China: Hydrogeochemical characteristics, enrichment patterns and health assessments. <i>Ecotoxicology and Environmental Safety</i> , 2021, 218, 112279.	6.0	14

#	ARTICLE	IF	CITATIONS
19	Insight into the inhibitory mechanism of soluble ionic liquids on the transport of TiO ₂ nanoparticles in saturated porous media: Roles of alkyl chain lengths and counteranion types. <i>Journal of Hazardous Materials</i> , 2021, 418, 126367.	12.4	5
20	Effects of clay minerals on the transport of nanoplastics through water-saturated porous media. <i>Science of the Total Environment</i> , 2021, 796, 148982.	8.0	28
21	Insights into the molecular mechanism of tetracycline transport in saturated porous media affected by low-molecular-weight organic acids: Role of the functional groups and molecular size. <i>Science of the Total Environment</i> , 2021, 799, 149361.	8.0	18
22	Colloid-mediated transport of tetracycline in saturated porous media: Comparison between ferrihydrite and montmorillonite. <i>Journal of Environmental Management</i> , 2021, 299, 113638.	7.8	16
23	Transport of Cd ²⁺ through saturated porous media: Insight into the effects of low-molecular-weight organic acids. <i>Water Research</i> , 2020, 168, 115182.	11.3	54
24	Factors affecting the transport of petroleum colloids in saturated porous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124134.	4.7	12
25	Effect of phosphate on the adsorption of antibiotics onto iron oxide minerals: Comparison between tetracycline and ciprofloxacin. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111345.	6.0	51
26	Inhibitory role of citric acid in the adsorption of tetracycline onto biochars: Effects of solution pH and Cu ²⁺ . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 595, 124731.	4.7	36
27	Effects of clay colloids on ciprofloxacin transport in saturated quartz sand porous media under different solution chemistry conditions. <i>Ecotoxicology and Environmental Safety</i> , 2020, 199, 110754.	6.0	32
28	Effects of solution chemistry on the attachment of graphene oxide onto clay minerals. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 506-513.	3.5	19
29	Effects of divalent metal cations and inorganic anions on the transport of tetracycline in saturated porous media: column experiments and numerical simulations. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1153-1163.	3.5	18
30	Transport of graphene oxide nanoparticles in saturated kaolinite- and goethite-coated sand columns: effects of low-molecular-weight organic acids. <i>Environmental Science and Pollution Research</i> , 2019, 26, 24922-24932.	5.3	16
31	Effects of low-molecular weight organic acids on the transport of graphene oxide nanoparticles in saturated sand columns. <i>Science of the Total Environment</i> , 2019, 666, 94-102.	8.0	35
32	Effects of clay minerals on transport of graphene oxide in saturated porous media. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 655-660.	4.3	38