Li Cai

List of Publications by Year
in descending order

17	872	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	1000
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation and properties of soybean protein adhesive modified by chitosan/tannic-silver nanocomposite. Wood Material Science and Engineering, 2023, 18, 852-859.	2.3	3
2	Influence of particle properties and environmental factors on the performance of typical particle monitors and low-cost particle sensors in the market of China. Atmospheric Environment, 2022, 268, 118825.	4.1	6
3	Rapid photo aging of commercial conventional and biodegradable plastic bags. Science of the Total Environment, 2022, 822, 153235.	8.0	19
4	NIR-Responsive Photodynamic Nanosystem Combined with Antitumor Immune Optogenetics Bacteria for Precise Synergetic Therapy. ACS Applied Materials & Interfaces, 2022, 14, 13094-13106.	8.0	12
5	Efficient degradation of tetracycline by RGO@black titanium dioxide nanofluid via enhanced catalysis and photothermal conversion. Science of the Total Environment, 2021, 787, 147536.	8.0	30
6	Oxygen Vacancy Modulated LiMn_xO_y@C Three-Dimensional Nanosheet Arrays on Nickel Foam for Lithium-Ion Capacitor with High Performance. ACS Applied Energy Materials, 2020, 3, 4840-4851.	5.1	11
7	Influence of titanium dioxide nanoparticles on the transport and deposition of microplastics in quartz sand. Environmental Pollution, 2019, 253, 351-357.	7.5	61
8	Influence of physicochemical surface properties on the adhesion of bacteria onto four types of plastics. Science of the Total Environment, 2019, 671, 1101-1107.	8.0	85
9	Effects of inorganic ions and natural organic matter on the aggregation of nanoplastics. Chemosphere, 2018, 197, 142-151.	8.2	174
10	Effect of different-sized colloids on the transport and deposition of titanium dioxide nanoparticles in quartz sand. Environmental Pollution, 2016, 208, 637-644.	7.5	43
11	Influence of gravity on transport and retention of representative engineered nanoparticles in quartz sand. Journal of Contaminant Hydrology, 2015, 181, 153-160.	3.3	28
12	Influence of Clay Particles on the Transport and Retention of Titanium Dioxide Nanoparticles in Quartz Sand. Environmental Science & Technology, 2014, 48, 7323-7332.	10.0	112
13	Cotransport of multi-walled carbon nanotubes and titanium dioxide nanoparticles in saturated porous media. Environmental Pollution, 2014, 195, 31-38.	7.5	42
14	Transport and retention behaviors of titanium dioxide nanoparticles in iron oxide-coated quartz sand: Effects of pH, ionic strength, and humic acid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 454, 119-127.	4.7	76
15	Facile self-assembly synthesis of titanate/Fe₃O₄nanocomposites for the efficient removal of Pb²⁺from aqueous systems. Journal of Materials Chemistry A, 2013, 1, 805-813.	10.3	89
16	Cotransport of Titanium Dioxide and Fullerene Nanoparticles in Saturated Porous Media. Environmental Science & Technology, 2013, 47, 5703-5710.	10.0	78
17	Synthesis and characterisation of microencapsulated 7â€alkyloxyâ€4â€trifluoromethylcoumarin dyes. Coloration Technology, 2011, 127, 335-339.	1.5	3