

# Li Cai

## List of Publications by Year in descending order

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17  
papers

872  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1000  
citing authors

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