

Siyu Zhang

List of Publications by Year in descending order

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12
papers

576
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquatic Photochemistry of Fluoroquinolone Antibiotics: Kinetics, Pathways, and Multivariate Effects of Main Water Constituents. <i>Environmental Science & Technology</i> , 2010, 44, 2400-2405.	10.0	261
2	Quantum Chemical Investigation and Experimental Verification on the Aquatic Photochemistry of the Sunscreen 2-Phenylbenzimidazole-5-Sulfonic Acid. <i>Environmental Science & Technology</i> , 2010, 44, 7484-7490.	10.0	94
3	Modeling photodegradation kinetics of organic micropollutants in water bodies: A case of the Yellow River estuary. <i>Journal of Hazardous Materials</i> , 2018, 349, 60-67.	12.4	54
4	Photochemistry of dissolved organic matter extracted from coastal seawater: Excited triplet-states and contents of phenolic moieties. <i>Water Research</i> , 2021, 188, 116568.	11.3	40
5	Estimation of Aqueous Phase Reaction Rate Constants of Hydroxyl Radical with Phenols, Alkanes and Alcohols. <i>QSAR and Combinatorial Science</i> , 2009, 28, 1309-1316.	1.4	29
6	Photodegradation of fluoroquinolone antibiotic gatifloxacin in aqueous solutions. <i>Science Bulletin</i> , 2010, 55, 1495-1500.	1.7	26
7	Elucidating ozonation mechanisms of organic micropollutants based on DFT calculations: Taking sulfamethoxazole as a case. <i>Environmental Pollution</i> , 2017, 220, 971-980.	7.5	23
8	Humic acids decrease the photodegradation of the sunscreen UV filter 2-phenylbenzimidazole-5-sulfonic acid in natural waters. <i>Environmental Chemistry Letters</i> , 2012, 10, 389-394.	16.2	22
9	Oxidation process of lead sulfide nanoparticle in the atmosphere or natural water and influence on toxicity toward <i>Chlorella vulgaris</i> . <i>Journal of Hazardous Materials</i> , 2021, 417, 126016.	12.4	12
10	Opposite pH-dependent roles of hydroxyl radicals in ozonation and UV photolysis of genistein. <i>Science of the Total Environment</i> , 2020, 709, 136243.	8.0	10
11	Environmental stability and cytotoxicity of layered black phosphorus modified with Polyvinylpyrrolidone and Zeolitic Imidazolate Framework-67. <i>Science of the Total Environment</i> , 2021, 790, 148105.	8.0	3
12	Hydroxyl radical oxidation of cyclic methylsiloxanes D4 & D6 in aqueous phase. <i>Chemosphere</i> , 2020, 242, 125200.	8.2	2