

Jingyu Liu

List of Publications by Year in descending order

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12
papers

3,192
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

4820
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion Release Kinetics and Particle Persistence in Aqueous Nano-Silver Colloids. <i>Environmental Science & Technology</i> , 2010, 44, 2169-2175.	10.0	1,451
2	Controlled Release of Biologically Active Silver from Nanosilver Surfaces. <i>ACS Nano</i> , 2010, 4, 6903-6913.	14.6	938
3	Chemical Transformations of Nanosilver in Biological Environments. <i>ACS Nano</i> , 2012, 6, 9887-9899.	14.6	292
4	Kinetics and Mechanisms of Nanosilver Oxysulfidation. <i>Environmental Science & Technology</i> , 2011, 45, 7345-7353.	10.0	223
5	Capabilities of Single Particle Inductively Coupled Plasma Mass Spectrometry for the Size Measurement of Nanoparticles: A Case Study on Gold Nanoparticles. <i>Analytical Chemistry</i> , 2014, 86, 3405-3414.	6.5	115
6	Overcoming challenges in single particle inductively coupled plasma mass spectrometry measurement of silver nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6027-6039.	3.7	47
7	Degradation Products from Consumer Nanocomposites: A Case Study on Quantum Dot Lighting. <i>Environmental Science & Technology</i> , 2012, 46, 3220-3227.	10.0	41
8	Electrospray-Differential Mobility Hyphenated with Single Particle Inductively Coupled Plasma Mass Spectrometry for Characterization of Nanoparticles and Their Aggregates. <i>Analytical Chemistry</i> , 2016, 88, 8548-8555.	6.5	30
9	In Situ Methods for Monitoring Silver Nanoparticle Sulfidation in Simulated Waters. <i>Environmental Science & Technology</i> , 2016, 50, 11145-11153.	10.0	25
10	Comparing sulfidation kinetics of silver nanoparticles in simulated media using direct and indirect measurement methods. <i>Nanoscale</i> , 2018, 10, 22270-22279.	5.6	13
11	Transformation of engineered nanomaterials through the prism of silver sulfidation. <i>Nanoscale Advances</i> , 2019, 1, 241-253.	4.6	7
12	Determining surface chemical composition of silver nanoparticles during sulfidation by monitoring the ligand shell. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	3