

Elizabeth D Laudadio

List of Publications by Year in descending order

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16
papers

261
citations

1040056

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docs citations

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361
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Ab Initio</i> Atomistic Thermodynamics Study of the (001) Surface of LiCoO ₂ in a Water Environment and Implications for Reactivity under Ambient Conditions. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5069-5080.	3.1	37
2	Lineage Tracing of Mammary Epithelial Cells Using Cell-Type-Specific Cre-Expressing Adenoviruses. <i>Stem Cell Reports</i> , 2014, 2, 770-779.	4.8	36
3	Impact of Phosphate Adsorption on Complex Cobalt Oxide Nanoparticle Dispersibility in Aqueous Media. <i>Environmental Science & Technology</i> , 2018, 52, 10186-10195.	10.0	27
4	Quantitative Mapping of Oxidative Stress Response to Lithium Cobalt Oxide Nanoparticles in Single Cells Using Multiplexed <i>in Situ</i> Gene Expression Analysis. <i>Nano Letters</i> , 2019, 19, 1990-1997.	9.1	25
5	Anionic nanoparticle-induced perturbation to phospholipid membranes affects ion channel function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27854-27861.	7.1	24
6	Density, Structure, and Stability of Citrate ³⁻ and H ₂ citrate ⁻ on Bare and Coated Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28393-28404.	3.1	23
7	Nickel enrichment of next-generation NMC nanomaterials alters material stability, causing unexpected dissolution behavior and observed toxicity to <i>S. oneidensis</i> MR-1 and <i>D. magna</i> .	4.3	18
8	Interaction of Phosphate with Lithium Cobalt Oxide Nanoparticles: A Combined Spectroscopic and Calorimetric Study. <i>Langmuir</i> , 2019, 35, 16640-16649.	3.5	16
9	Preferential interactions of primary amine-terminated quantum dots with membrane domain boundaries and lipid rafts revealed with nanometer resolution. <i>Environmental Science: Nano</i> , 2020, 7, 149-161.	4.3	12
10	Protein Fe-S Centers as a Molecular Target of Toxicity of a Complex Transition Metal Oxide Nanomaterial with Downstream Impacts on Metabolism and Growth. <i>Environmental Science & Technology</i> , 2020, 54, 15257-15266.	10.0	9
11	Energy Starvation in <i>Daphnia magna</i> from Exposure to a Lithium Cobalt Oxide Nanomaterial. <i>Chemical Research in Toxicology</i> , 2021, 34, 2287-2297.	3.3	9
12	Cross-species transcriptomic signatures identify mechanisms related to species sensitivity and common responses to nanomaterials. <i>Nature Nanotechnology</i> , 2022, 17, 661-669.	31.5	8
13	Reciprocal redox interactions of lithium cobalt oxide nanoparticles with nicotinamide adenine dinucleotide (NADH) and glutathione (GSH): toward a mechanistic understanding of nanoparticle-biological interactions. <i>Environmental Science: Nano</i> , 2021, 8, 1749-1760.	4.3	7
14	Subtoxic dose of lithium cobalt oxide nanosheets impacts critical molecular pathways in trout gill epithelial cells. <i>Environmental Science: Nano</i> , 2020, 7, 3419-3430.	4.3	4
15	Dynamic aqueous transformations of lithium cobalt oxide nanoparticle induce distinct oxidative stress responses of <i>B. subtilis</i> . <i>Environmental Science: Nano</i> , 2021, 8, 1614-1627.	4.3	3
16	Expression Patterns of Energy-Related Genes in Single Cells Uncover Key Isoforms and Enzymes That Gain Priority Under Nanoparticle-Induced Stress. <i>ACS Nano</i> , 2022, 16, 7197-7209.	14.6	3