

Emily J Guggenheim

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

318
citations

840776

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1125743

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13
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Corona Modulates Uptake and Toxicity of Nanoceria <i>via</i> Clathrin-Mediated Endocytosis. <i>Biological Bulletin</i> , 2016, 231, 40-60.	1.8	48
2	Microscopy-based high-throughput assays enable multi-parametric analysis to assess adverse effects of nanomaterials in various cell lines. <i>Archives of Toxicology</i> , 2018, 92, 633-649.	4.2	41
3	Comparison of Confocal and Super-Resolution Reflectance Imaging of Metal Oxide Nanoparticles. <i>PLoS ONE</i> , 2016, 11, e0159980.	2.5	33
4	Refining in vitro models for nanomaterial exposure to cells and tissues. <i>NanoImpact</i> , 2018, 10, 121-142.	4.5	30
5	Current Application of Capillary Electrophoresis in Nanomaterial Characterisation and Its Potential to Characterise the Protein and Small Molecule Corona. <i>Nanomaterials</i> , 2018, 8, 99.	4.1	30
6	Multi-omics approaches confirm metal ions mediate the main toxicological pathways of metal-bearing nanoparticles in lung epithelial A549 cells. <i>Environmental Science: Nano</i> , 2018, 5, 1506-1517.	4.3	27
7	Mechanisms for cellular uptake of nanosized clinical MRI contrast agents. <i>Nanotoxicology</i> , 2020, 14, 504-532.	3.0	26
8	Formal Lithium Fixation Improves Direct Analysis of Lipids in Tissue by Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 7146-7153.	6.5	22
9	Surface Chemistry-Dependent Evolution of the Nanomaterial Corona on TiO ₂ Nanomaterials Following Uptake and Sub-Cellular Localization. <i>Nanomaterials</i> , 2020, 10, 401.	4.1	17
10	Imaging In focus: Reflected light imaging: Techniques and applications. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 83, 65-70.	2.8	16
11	Versailles project on advanced materials and standards (VAMAS) interlaboratory study on measuring the number concentration of colloidal gold nanoparticles. <i>Nanoscale</i> , 2022, 14, 4690-4704.	5.6	15
12	Cellular accumulation of Cys326-OGG1 protein complexes under conditions of oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 12-18.	2.1	9
13	UV-Vis Spectroscopic Characterization of Nanomaterials in Aqueous Media. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	4