

Arielle C Mensch

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Influence of Sensor Coating and Topography on Protein and Nanoparticle Interaction with Supported Lipid Bilayers. <i>Langmuir</i> , 2021, 37, 2256-2267.	3.5	2
3	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
4	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
5	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
6	Impact of lithiated cobalt oxide and phosphate nanoparticles on rainbow trout gill epithelial cells. <i>Nanotoxicology</i> , 2018, 12, 1166-1181.	3.0	20
7	Quaternary Amine-Terminated Quantum Dots Induce Structural Changes to Supported Lipid Bilayers. <i>Langmuir</i> , 2018, 34, 12369-12378.	3.5	18
8	Carbon Dots: A Modular Activity To Teach Fluorescence and Nanotechnology at Multiple Levels. <i>Journal of Chemical Education</i> , 2017, 94, 1143-1149.	2.3	28
9	Natural Organic Matter Concentration Impacts the Interaction of Functionalized Diamond Nanoparticles with Model and Actual Bacterial Membranes. <i>Environmental Science & Technology</i> , 2017, 51, 11075-11084.	10.0	61
10	Impact of Nanoscale Lithium Nickel Manganese Cobalt Oxide (NMC) on the Bacterium <i>Shewanella oneidensis</i> MR-1. <i>Chemistry of Materials</i> , 2016, 28, 1092-1100.	6.7	70
11	Formation of supported lipid bilayers containing phase-segregated domains and their interaction with gold nanoparticles. <i>Environmental Science: Nano</i> , 2016, 3, 45-55.	4.3	68
12	Direct Probes of 4 nm Diameter Gold Nanoparticles Interacting with Supported Lipid Bilayers. <i>Journal of Physical Chemistry C</i> , 2015, 119, 534-546.	3.1	77