

Maryam Aghajamali

List of Publications by Year in descending order

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12
papers

286
citations

1040056

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1199594

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12
docs citations

12
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	From Hydrogen Silsesquioxane to Functionalized Silicon Nanocrystals. <i>Chemistry of Materials</i> , 2017, 29, 80-89.	6.7	60
2	Size and Surface Effects of Silicon Nanocrystals in Graphene Aerogel Composite Anodes for Lithium Ion Batteries. <i>Chemistry of Materials</i> , 2018, 30, 7782-7792.	6.7	50
3	Water-soluble photoluminescent d-mannose and l-alanine functionalized silicon nanocrystals and their application to cancer cell imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8427-8433.	5.8	37
4	Synthesis and Properties of Luminescent Silicon Nanocrystal/Silica Aerogel Hybrid Materials. <i>Chemistry of Materials</i> , 2016, 28, 3877-3886.	6.7	31
5	Superhydrophobic Silicon Nanocrystal-Silica Aerogel Hybrid Materials: Synthesis, Properties, and Sensing Application. <i>Langmuir</i> , 2018, 34, 4888-4896.	3.5	23
6	Ultrabright Fluorescent and Lasing Microspheres from a Conjugated Polymer. <i>Advanced Functional Materials</i> , 2018, 28, 1802759.	14.9	20
7	Interfacing enzymes with silicon nanocrystals through the thiol-ene reaction. <i>Nanoscale</i> , 2018, 10, 18706-18719.	5.6	18
8	Functional Bioinorganic Hybrids from Enzymes and Luminescent Silicon-Based Nanoparticles. <i>Langmuir</i> , 2018, 34, 6556-6569.	3.5	16
9	Cost-effective and sensitive anthocyanin-based paper sensors for rapid ammonia detection in aqueous solutions. <i>RSC Advances</i> , 2021, 11, 24387-24397.	3.6	12
10	Water-Assisted Transfer Patterning of Nanomaterials. <i>Langmuir</i> , 2018, 34, 9418-9423.	3.5	8
11	Automated High-Performance Liquid Chromatography for SARA Analysis (SARA-HPLC). <i>Energy & Fuels</i> , 2021, 35, 17642-17650.	5.1	8
12	Efficiency of Urea Solutions in Enhanced Oil Recovery. <i>ACS Omega</i> , 2020, 5, 6122-6129.	3.5	3