

Rashad Baiyasi

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

732
citations

1162367

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1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Particle Tracking: From Theory to Biophysical Applications. <i>Chemical Reviews</i> , 2017, 117, 7331-7376.	23.0	392
2	Unraveling the origin of chirality from plasmonic nanoparticle-protein complexes. <i>Science</i> , 2019, 365, 1475-1478.	6.0	210
3	Spectral Response of Plasmonic Gold Nanoparticles to Capacitive Charging: Morphology Effects. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2681-2688.	2.1	41
4	Plasmon Energy Transfer in Hybrid Nanoantennas. <i>ACS Nano</i> , 2021, 15, 9522-9530.	7.3	34
5	A mechanistic examination of salting out in protein-polymer membrane interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22938-22945.	3.3	16
6	PSF Distortion in Dye-Plasmonic Nanomaterial Interactions: Friend or Foe?. <i>ACS Photonics</i> , 2019, 6, 699-708.	3.2	14
7	Quantitative Analysis of Nanorod Aggregation and Morphology from Scanning Electron Micrographs Using SEMseg. <i>Journal of Physical Chemistry A</i> , 2020, 124, 5262-5270.	1.1	13
8	Nanoelectrode-emitter spectral overlap amplifies surface enhanced electrogenerated chemiluminescence. <i>Journal of Chemical Physics</i> , 2019, 151, 144712.	1.2	10
9	Coupled-Dipole Modeling and Experimental Characterization of Geometry-Dependent Trochoidal Dichroism in Nanorod Trimers. <i>ACS Photonics</i> , 2021, 8, 1159-1168.	3.2	2