

Alexis Belessiotis-Richards

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

490
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	High Aspect Ratio Nanostructured Surfaces as Biological Metamaterials. <i>Advanced Materials</i> , 2020, 32, e1903862.	21.0	161
2	STING agonist delivery by tumour-penetrating PEG-lipid nanodiscs primes robust anticancer immunity. <i>Nature Materials</i> , 2022, 21, 710-720.	27.5	114
3	Surface enhanced Raman scattering artificial nose for high dimensionality fingerprinting. <i>Nature Communications</i> , 2020, 11, 207.	12.8	93
4	Iodide-Mediated Rapid and Sensitive Surface Etching of Gold Nanostars for Biosensing. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9891-9896.	13.8	55
5	Hydration and Dynamics of Ligands Determine the Antifouling Capacity of Functionalized Surfaces. <i>Journal of Physical Chemistry C</i> , 2019, 123, 30360-30372.	3.1	18
6	Single-Nanometer Changes in Nanopore Geometry Influence Curvature, Local Properties, and Protein Localization in Membrane Simulations. <i>Nano Letters</i> , 2019, 19, 4770-4778.	9.1	14
7	Harnessing mechanical instabilities at the nanoscale to achieve ultra-low stiffness metals. <i>Nature Communications</i> , 2017, 8, 1137.	12.8	11
8	Coarse-Grained Simulations Suggest the Epsin N-Terminal Homology Domain Can Sense Membrane Curvature without Its Terminal Amphipathic Helix. <i>ACS Nano</i> , 2020, 14, 16919-16928.	14.6	9
9	Tunability of martensitic behavior through coherent nanoprecipitates and other nanostructures. <i>Acta Materialia</i> , 2018, 154, 295-302.	7.9	6
10	Coarse-Grained Simulations Suggest Potential Competing Roles of Phosphoinositides and Amphipathic Helix Structures in Membrane Curvature Sensing of the AP180 N-Terminal Homology Domain. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2789-2797.	2.6	5
11	Iodide-Mediated Rapid and Sensitive Surface Etching of Gold Nanostars for Biosensing. <i>Angewandte Chemie</i> , 2021, 133, 9979-9984.	2.0	4
12	PIP2 Lipids as Regulators of Membrane Curvature Sensing by Enth Domains. <i>Biophysical Journal</i> , 2019, 116, 92a.	0.5	0