

Sanjin Marion

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

587
citations

932766

10
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

898
citing authors

#	ARTICLE	IF	CITATIONS
1	2D materials as an emerging platform for nanopore-based power generation. <i>Nature Reviews Materials</i> , 2019, 4, 588-605.	23.3	253
2	Transverse Detection of DNA Using a MoS ₂ Nanopore. <i>Nano Letters</i> , 2019, 19, 9075-9083.	4.5	81
3	Distribution of DNA-condensing protein complexes in the adenovirus core. <i>Nucleic Acids Research</i> , 2015, 43, 4274-4283.	6.5	41
4	Single Molecule Localization and Discrimination of DNA-Protein Complexes by Controlled Translocation Through Nanocapillaries. <i>Nano Letters</i> , 2016, 16, 7882-7890.	4.5	34
5	Role of microscopic phase separation in gelation of aqueous gelatin solutions. <i>Soft Matter</i> , 2014, 10, 348-356.	1.2	28
6	Polymer Coatings to Minimize Protein Adsorption in Solid-State Nanopores. <i>Small Methods</i> , 2020, 4, 2000177.	4.6	25
7	Relevance of the Drag Force during Controlled Translocation of a DNA-Protein Complex through a Glass Nanocapillary. <i>Nano Letters</i> , 2015, 15, 7118-7125.	4.5	22
8	Pressure-Induced Enlargement and Ionic Current Rectification in Symmetric Nanopores. <i>Nano Letters</i> , 2020, 20, 8089-8095.	4.5	13
9	High-Throughput Nanocapillary Filling Enabled by Microwave Radiation for Scanning Ion Conductance Microscopy Imaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 7829-7834.	2.4	13
10	From Water Solutions to Ionic Liquids with Solid State Nanopores as a Perspective to Study Transport and Translocation Phenomena. <i>Small</i> , 2021, 17, e2100777.	5.2	13
11	Towards artificial mechanosensing. <i>Nature Materials</i> , 2020, 19, 1043-1044.	13.3	11
12	Nanocapillary confinement of imidazolium based ionic liquids. <i>Nanoscale</i> , 2020, 12, 8867-8874.	2.8	10
13	Four-contact impedance spectroscopy of conductive liquid samples. <i>Review of Scientific Instruments</i> , 2011, 82, 073907.	0.6	8
14	Ejecting Phage DNA against Cellular Turgor Pressure. <i>Biophysical Journal</i> , 2014, 107, 1924-1929.	0.2	8
15	Wetting of nanopores probed with pressure. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4975-4987.	1.3	8
16	Role of Condensing Particles in Polymer Confinement: A Model for Virus-Packed "Minichromosomes". <i>Biophysical Journal</i> , 2017, 113, 1643-1653.	0.2	6
17	Electron scattering by random adsorbates: A tunable decoherence mechanism in surface bands. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 1218-1223.	0.7	5
18	Prospects of Observing Ionic Coulomb Blockade in Artificial Ion Confinements. <i>Entropy</i> , 2020, 22, 1430.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Adaptive optics enables multimode 3D super-resolution microscopy via remote focusing. Nanophotonics, 2021, 10, 2451-2458.	2.9	3