

Sanjin Marion

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

587
citations

933447

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times ranked

898
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.0	13
2	Adaptive optics enables multimode 3D super-resolution microscopy via remote focusing. <i>Nanophotonics</i> , 2021, 10, 2451-2458.	6.0	3
3	Wetting of nanopores probed with pressure. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4975-4987.	2.8	8
4	Pressure-Induced Enlargement and Ionic Current Rectification in Symmetric Nanopores. <i>Nano Letters</i> , 2020, 20, 8089-8095.	9.1	13
5	Polymer Coatings to Minimize Protein Adsorption in Solid-State Nanopores. <i>Small Methods</i> , 2020, 4, 2000177.	8.6	25
6	Towards artificial mechanosensing. <i>Nature Materials</i> , 2020, 19, 1043-1044.	27.5	11
7	Prospects of Observing Ionic Coulomb Blockade in Artificial Ion Confinements. <i>Entropy</i> , 2020, 22, 1430.	2.2	5
8	Nanocapillary confinement of imidazolium based ionic liquids. <i>Nanoscale</i> , 2020, 12, 8867-8874.	5.6	10
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.	5.0	13
10	2D materials as an emerging platform for nanopore-based power generation. <i>Nature Reviews Materials</i> , 2019, 4, 588-605.	48.7	253
11	Transverse Detection of DNA Using a MoS ₂ Nanopore. <i>Nano Letters</i> , 2019, 19, 9075-9083.	9.1	81
12	Role of Condensing Particles in Polymer Confinement: A Model for Virus-Packed "Minichromosomes". <i>Biophysical Journal</i> , 2017, 113, 1643-1653.	0.5	6
13	Single Molecule Localization and Discrimination of DNA-Protein Complexes by Controlled Translocation Through Nanocapillaries. <i>Nano Letters</i> , 2016, 16, 7882-7890.	9.1	34
14	Distribution of DNA-condensing protein complexes in the adenovirus core. <i>Nucleic Acids Research</i> , 2015, 43, 4274-4283.	14.5	41
15	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.	9.1	22
16	Ejecting Phage DNA against Cellular Turgor Pressure. <i>Biophysical Journal</i> , 2014, 107, 1924-1929.	0.5	8
17	Role of microscopic phase separation in gelation of aqueous gelatin solutions. <i>Soft Matter</i> , 2014, 10, 348-356.	2.7	28
18	Electron scattering by random adsorbates: A tunable decoherence mechanism in surface bands. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 1218-1223.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Four-contact impedance spectroscopy of conductive liquid samples. Review of Scientific Instruments, 2011, 82, 073907.	1.3	8