Sanjin Marion

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7129751/publications.pdf

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19 papers	587 citations	933447 10 h-index	794594 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. Nature Reviews Materials, 2019, 4, 588-605.	48.7	253
2	Transverse Detection of DNA Using a MoS₂ Nanopore. Nano Letters, 2019, 19, 9075-9083.	9.1	81
3	Distribution of DNA-condensing protein complexes in the adenovirus core. Nucleic Acids Research, 2015, 43, 4274-4283.	14.5	41
4	Single Molecule Localization and Discrimination of DNAâ€“Protein Complexes by Controlled Translocation Through Nanocapillaries. Nano Letters, 2016, 16, 7882-7890.	9.1	34
5	Role of microscopic phase separation in gelation of aqueous gelatin solutions. Soft Matter, 2014, 10, 348-356.	2.7	28
6	Polymer Coatings to Minimize Protein Adsorption in Solidâ€State Nanopores. Small Methods, 2020, 4, 2000177.	8.6	25
7	Relevance of the Drag Force during Controlled Translocation of a DNAâ€“Protein Complex through a Glass Nanocapillary. Nano Letters, 2015, 15, 7118-7125.	9.1	22
8	Pressure-Induced Enlargement and Ionic Current Rectification in Symmetric Nanopores. Nano Letters, 2020, 20, 8089-8095.	9.1	13
9	High-Throughput Nanocapillary Filling Enabled by Microwave Radiation for Scanning Ion Conductance Microscopy Imaging. ACS Applied Nano Materials, 2020, 3, 7829-7834.	5.0	13
10	From Water Solutions to Ionic Liquids with Solid State Nanopores as a Perspective to Study Transport and Translocation Phenomena. Small, 2021, 17, e2100777.	10.0	13
11	Towards artificial mechanosensing. Nature Materials, 2020, 19, 1043-1044.	27.5	11
12	Nanocapillary confinement of imidazolium based ionic liquids. Nanoscale, 2020, 12, 8867-8874.	5.6	10
13	Four-contact impedance spectroscopy of conductive liquid samples. Review of Scientific Instruments, 2011, 82, 073907.	1.3	8
14	Ejecting Phage DNA against Cellular Turgor Pressure. Biophysical Journal, 2014, 107, 1924-1929.	0.5	8
15	Wetting of nanopores probed with pressure. Physical Chemistry Chemical Physics, 2021, 23, 4975-4987.	2.8	8
16	Role of Condensing Particles in Polymer Confinement: A Model for Virus-Packed â€œMinichromosomesâ€. Biophysical Journal, 2017, 113, 1643-1653.	0.5	6
17	Electron scattering by random adsorbates: A tunable decoherence mechanism in surface bands. Physica Status Solidi (B): Basic Research, 2012, 249, 1218-1223.	1.5	5
18	Prospects of Observing Ionic Coulomb Blockade in Artificial Ion Confinements. Entropy, 2020, 22, 1430.	2.2	5

#	Article	IF	Citations
19	Adaptive optics enables multimode 3D super-resolution microscopy via remote focusing. Nanophotonics, 2021, 10, 2451-2458.	6.0	3