

Henry Bock

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

299
citations

1040056

9
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	The science of dispersing carbon nanotubes with surfactants. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9546.	2.8	63
2	Anomalous Temperature Dependence of Surfactant Self-Assembly from Aqueous Solution. <i>Physical Review Letters</i> , 2004, 92, 135701.	7.8	41
3	Elasticity of Human Embryonic Stem Cells as Determined by Atomic Force Microscopy. <i>Journal of Biomechanical Engineering</i> , 2011, 133, 101009.	1.3	31
4	Solid/solid phase transitions in confined thin films: A zero temperature approach. <i>Journal of Chemical Physics</i> , 2005, 122, 094709.	3.0	26
5	Coarse Graining of Nonbonded Degrees of Freedom. <i>Physical Review Letters</i> , 2007, 98, 267801.	7.8	24
6	High-throughput assessment of mechanical properties of stem cell derived red blood cells, toward cellular downstream processing. <i>Scientific Reports</i> , 2017, 7, 14457.	3.3	20
7	Design Rules for Graphene and Carbon Nanotube Solvents and Dispersants. <i>ACS Nano</i> , 2018, 12, 1043-1049.	14.6	20
8	The Nanoscale Cinderella Problem: Design of Surfactant Coatings for Carbon Nanotubes. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 139-144.	4.6	15
9	Coarse-grained potentials from Widom's particle insertion method. <i>Molecular Physics</i> , 2005, 103, 3185-3193.	1.7	13
10	Humoral and cellular immune responses to SARS CoV-2 vaccination in People with Multiple Sclerosis and NMOSD patients receiving immunomodulatory treatments. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 59, 103554.	2.0	11
11	Surfactant Self-Assembly in Cylindrical Pores: Insights from Mesoscale Simulations. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2153-2157.	4.6	8
12	A scalable label-free approach to separate human pluripotent cells from differentiated derivatives. <i>Biomicrofluidics</i> , 2016, 10, 014107.	2.4	7
13	Toward High-Throughput Computational Screening of Carbon Nanotube Solvents. <i>Langmuir</i> , 2017, 33, 12267-12275.	3.5	6
14	Interactions between Nanofibers in Fiber-Surfactant Suspensions: Theory of Corresponding Distances. <i>Physical Review Letters</i> , 2014, 112, 128301.	7.8	5
15	Assessing the Quality of Solvents and Dispersants for Low-Dimensional Materials Using the Corresponding Distances Method. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11607-11617.	2.6	2
16	Engineering self-assembly. <i>Molecular Simulation</i> , 2018, 44, 433-434.	2.0	2