Matthew Schneemilch

List of Publications by Year
in descending order

12	285	1163117 8	1199594 12
papers	citations	h-index	g-index

13	13	13	519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoparticleâ€“membrane interactions. Journal of Experimental Nanoscience, 2018, 13, 62-81.	2.4	137
2	Effect of oxidation on the wettability of poly(dimethylsiloxane) surfaces. Journal of Chemical Physics, 2007, 127, 114701.	3.0	29
3	First principles characterisation of bioâ€“nano interface. Physical Chemistry Chemical Physics, 2021, 23, 13473-13482.	2.8	24
4	Molecular dynamics of nanoparticle translocation at lipid interfaces. Molecular Simulation, 2010, 36, 831-835.	2.0	19
5	Free energy of adsorption of supported lipid bilayers from molecular dynamics simulation. Chemical Physics Letters, 2016, 664, 199-204.	2.6	18
6	Wetting of nanopatterned surfaces: The hexagonal disk surface. Journal of Chemical Physics, 2004, 120, 2901-2912.	3.0	15
7	Free energy of adhesion of lipid bilayers on silica surfaces. Journal of Chemical Physics, 2018, 148, 194704.	3.0	14
8	Prediction of Chronic Inflammation for Inhaled Particles: the Impact of Material Cycling and Quarantining in the Lung Epithelium. Advanced Materials, 2020, 32, e2003913.	21.0	14
9	Slip boundaries in nanopores. Molecular Simulation, 2011, 37, 1023-1030.	2.0	6
10	Free energy of adhesion of lipid bilayers on titania surfaces. Journal of Chemical Physics, 2019, 151, 134707.	3.0	6
11	Predicting nanoparticle uptake by biological membranes: theory and simulation. Molecular Simulation, 2022, 48, 150-167.	2.0	1
12	Disease Prediction: Prediction of Chronic Inflammation for Inhaled Particles: the Impact of Material Cycling and Quarantining in the Lung Epithelium (Adv. Mater. 47/2020). Advanced Materials, 2020, 32, .	21.0	0