

# Matthew Schneemilch

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

285  
citations

1163117

8  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

519  
citing authors

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