PrzemysÅ‚aw RaczyÅ„ski

List of Publications by Year
in descending order

25 papers	186 citations	1040056 9 h-index	1058476 14 g-index
27 all docs	27 docs citations	27 times ranked	88 citing authors

#	Article	IF	Citations
1	Steered Molecular Dynamics of Lipid Membrane Indentation by Carbon and Silicon-Carbide Nanotubesâ€"The Impact of Indenting Angle Uncertainty. Sensors, 2021, 21, 7011.	3.8	2
2	Albuminâ€"Hyaluronan Interactions: Influence of Ionic Composition Probed by Molecular Dynamics. International Journal of Molecular Sciences, 2021, 22, 12360.	4.1	12
3	Application of Graphene as a Nanoindenter Interacting with Phospholipid Membranesâ€"Computer Simulation Study. Journal of Physical Chemistry B, 2020, 124, 6592-6602.	2.6	10
4	Modeling the Impact of Silicon-Carbide Nanotube on the Phospholipid Bilayer Membrane: Study of Nanoindentation and Removal Processes via Molecular Dynamics Simulation. Journal of Physical Chemistry C, 2019, 123, 18726-18733.	3.1	8
5	Impact of polarized nanotube surface on ultrathin mesogen film properties: Computer simulation study. Physical Review E, 2019, 99, 022701.	2.1	1
6	Impact of Carbon Nanotubes on HDL-Like Structures: Computer Simulations. Springer Proceedings in Physics, 2019, , 481-487.	0.2	0
7	Properties of Ultrathin Lipid Layers Surrounding Boron Nitride Nanotube: Computer Simulation Study. Springer Proceedings in Physics, 2019, , 399-408.	0.2	0
8	Properties of n-Cyanobiphenyl Nematogene Phases Formed Between Carbon Nanotube Arrays: Computer Simulation Study. Springer Proceedings in Physics, 2019, , 409-415.	0.2	0
9	On the impact of nanotube diameter on biomembrane indentation â€" Computer simulations study. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 310-318.	2.6	10
10	The Dynamics of Water Molecules Confined in the Interior of DMPC Phospholipid Reverse Micelle. Springer Proceedings in Physics, 2018, , 89-98.	0.2	0
11	Percolation Threshold of 5-Cyanobiphenyl Mesogene Phases Between Graphene Planes: Computer Simulation Study. Springer Proceedings in Physics, 2018, , 289-295.	0.2	1
12	Properties of Cholesterol-Fullerene Binary Cluster: MD Simulations. Springer Proceedings in Physics, 2017, , 45-51.	0.2	0
13	Computer Simulations of the Dynamics of Cholesterol Molecules Located Between Graphene Sheets. Springer Proceedings in Physics, 2017, , 789-797.	0.2	0
14	Study of the Dynamics of 5CB Thin Layer Placed on the Fullerene Wall: Computer Simulations. Springer Proceedings in Physics, 2016, , 15-21.	0.2	0
15	Nanoindentation of DMPC Layer by Nanotubes of Various Diameters. Springer Proceedings in Physics, 2016, , 23-31.	0.2	2
16	Properties of ultrathin cholesterol and phospholipid layers surrounding silicon-carbide nanotube: MD simulations. Archives of Biochemistry and Biophysics, 2015, 580, 22-30.	3.0	9
17	Oddâ€"Even Effects in the Dynamics of Liquid Crystalline Thin Films on the Surface of Single Walled Carbon and Silicon Carbide Nanotubes: Computer Simulation Study. Journal of Physical Chemistry C, 2015, 119, 19266-19271.	3.1	9
18	Interaction Between Siliconâ€"Carbide Nanotube and Cholesterol Domain. A Molecular Dynamics Simulation Study.. Journal of Physical Chemistry C, 2014, 118, 30115-30119.	3.1	16

#	ARTICLE	IF	CITATIONS
19	Delivery of nitric oxide to the interior of mammalian cell by carbon nanotube: MD simulation. Archives of Biochemistry and Biophysics, 2014, 554, 6-10.	3.0	8
20	Depolarised Rayleigh light scattering in argon layer confined between graphite plains: MD simulation. Molecular Physics, 2014, 112, 1645-1650.	1.7	8
21	Nanoindentation of biomembrane by carbon nanotubes â€“ MD simulation. Computational Materials Science, 2013, 70, 13-18.	3.0	40
22	The impact of a carbon nanotube on the cholesterol domain localized on a protein surface. Solid State Communications, 2010, 150, 415-418.	1.9	32
23	The dynamics of cholesterol molecules near the surface of protein farnesyltransferase - Computer simulation. New Biotechnology, 2007, 24, 568-571.	2.7	1
24	The influence of the carbon nanotube on the structural and dynamical properties of cholesterol cluster. New Biotechnology, 2007, 24, 572-576.	2.7	13
25	Molecular dynamics (MD) in homocysteine nanosystems â€“ computer simulation. New Biotechnology, 2007, 24, 577-581.	2.7	4