

# Przemysław Raczyński

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/117454/publications.pdf>

Version: 2024-02-01

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	Nanoindentation of biomembrane by carbon nanotubes – MD simulation. Computational Materials Science, 2013, 70, 13-18.	3.0	40
2	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
3	Interaction Between Silicon–Carbide Nanotube and Cholesterol Domain. A Molecular Dynamics Simulation Study.. Journal of Physical Chemistry C, 2014, 118, 30115-30119.	3.1	16
4	The influence of the carbon nanotube on the structural and dynamical properties of cholesterol cluster. New Biotechnology, 2007, 24, 572-576.	2.7	13
5	Albumin–Hyaluronan Interactions: Influence of Ionic Composition Probed by Molecular Dynamics. International Journal of Molecular Sciences, 2021, 22, 12360.	4.1	12
6	On the impact of nanotube diameter on biomembrane indentation – Computer simulations study. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 310-318.	2.6	10
7	Application of Graphene as a Nanoindenter Interacting with Phospholipid Membranes – Computer Simulation Study. Journal of Physical Chemistry B, 2020, 124, 6592-6602.	2.6	10
8	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
9	Odd–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
10	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
11	Depolarised Rayleigh light scattering in argon layer confined between graphite plains: MD simulation. Molecular Physics, 2014, 112, 1645-1650.	1.7	8
12	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
13	Molecular dynamics (MD) in homocysteine nanosystems – computer simulation. New Biotechnology, 2007, 24, 577-581.	2.7	4
14	Nanoindentation of DMPC Layer by Nanotubes of Various Diameters. Springer Proceedings in Physics, 2016, , 23-31.	0.2	2
15	Steered Molecular Dynamics of Lipid Membrane Indentation by Carbon and Silicon-Carbide Nanotubes – The Impact of Indenting Angle Uncertainty. Sensors, 2021, 21, 7011.	3.8	2
16	The dynamics of cholesterol molecules near the surface of protein farnesyltransferase - Computer simulation. New Biotechnology, 2007, 24, 568-571.	2.7	1
17	Impact of polarized nanotube surface on ultrathin mesogen film properties: Computer simulation study. Physical Review E, 2019, 99, 022701.	2.1	1
18	Percolation Threshold of 5-Cyanobiphenyl Mesogene Phases Between Graphene Planes: Computer Simulation Study. Springer Proceedings in Physics, 2018, , 289-295.	0.2	1

#	ARTICLE	IF	CITATIONS
19	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
20	The Dynamics of Water Molecules Confined in the Interior of DMPC Phospholipid Reverse Micelle. Springer Proceedings in Physics, 2018, , 89-98.	0.2	0
21	Properties of Cholesterol-Fullerene Binary Cluster: MD Simulations. Springer Proceedings in Physics, 2017, , 45-51.	0.2	0
22	Computer Simulations of the Dynamics of Cholesterol Molecules Located Between Graphene Sheets. Springer Proceedings in Physics, 2017, , 789-797.	0.2	0
23	Impact of Carbon Nanotubes on HDL-Like Structures: Computer Simulations. Springer Proceedings in Physics, 2019, , 481-487.	0.2	0
24	Properties of Ultrathin Lipid Layers Surrounding Boron Nitride Nanotube: Computer Simulation Study. Springer Proceedings in Physics, 2019, , 399-408.	0.2	0
25	Properties of n-Cyanobiphenyl Nematogene Phases Formed Between Carbon Nanotube Arrays: Computer Simulation Study. Springer Proceedings in Physics, 2019, , 409-415.	0.2	0