

Zbigniew Dendzik

List of Publications by Year in descending order

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8
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	Albuminâ€™Hyaluronan Interactions: Influence of Ionic Composition Probed by Molecular Dynamics. International Journal of Molecular Sciences, 2021, 22, 12360.	4.1	12
2	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
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	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
5	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
6	Influence of the Molecular Weight and the Presence of Calcium Ions on the Molecular Interaction of Hyaluronan and DPPC. Molecules, 2020, 25, 3907.	3.8	6
7	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
8	Impact of polarized nanotube surface on ultrathin mesogen film properties: Computer simulation study. Physical Review E, 2019, 99, 022701.	2.1	1