

An Extension and Further Validation of an All-Atomistic Membranes

Journal of Chemical Theory and Computation

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Citation Report

#	ARTICLE	IF	CITATIONS
11	Molecular Dynamics Simulations of a Characteristic DPC Micelle in Water. Journal of Chemical Theory and Computation, 2012, 8, 4610-4623.	5.3	62
12	Computer simulation of lipid membranes: Methodology and achievements. Polymer Science - Series C, 2013, 55, 162-180.	1.7	26
13	Another Piece of the Membrane Puzzle: Extending Slipids Further. Journal of Chemical Theory and Computation, 2013, 9, 774-784.	5.3	237
14	Biomolecular Simulations with the Transferable Potentials for Phase Equilibria: Extension to Phospholipids. Journal of Physical Chemistry B, 2013, 117, 9910-9921.	2.6	14
15	Implicit inclusion of atomic polarization in modeling of partitioning between water and lipid bilayers. Physical Chemistry Chemical Physics, 2013, 15, 4677.	2.8	43
16	Comparing Simulations of Lipid Bilayers to Scattering Data: The GROMOS 43A1-S3 Force Field. Journal of Physical Chemistry B, 2013, 117, 5065-5072.	2.6	47
17	On Calculation of the Electrostatic Potential of a Phosphatidylinositol Phosphate-Containing Phosphatidylcholine Lipid Membrane Accounting for Membrane Dynamics. PLoS ONE, 2014, 9, e104778.	2.5	3
18	An Annular Lipid Belt Is Essential for Allosteric Coupling and Viral Inhibition of the Antigen Translocation Complex TAP (Transporter Associated with Antigen Processing). Journal of Biological Chemistry, 2014, 289, 33098-33108.	3.4	27
19	Molecular simulation of ibuprofen passing across POPC membrane. Journal of Theoretical and Computational Chemistry, 2014, 13, 1450033.	1.8	14
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27	MemBuilder: a web-based graphical interface to build heterogeneously mixed membrane bilayers for the GROMACS biomolecular simulation program. Bioinformatics, 2014, 30, 439-441.	4.1	54
28	Cholesterol, sphingolipids, and glycolipids: What do we know about their role in raft-like membranes?. Chemistry and Physics of Lipids, 2014, 184, 82-104.	3.2	159
29	Disorder in Cholesterol-Binding Functionality of CRAC Peptides: A Molecular Dynamics Study. Journal of Physical Chemistry B, 2014, 118, 13169-13174.	2.6	31
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31	Atomistic mechanisms of huntingtin N-terminal fragment insertion on a phospholipid bilayer revealed by molecular dynamics simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 1409-1427.	2.6	16
32	Assembly and stability of Salmonella enterica ser. Typhi TolC protein in POPE and DMPE. <i>Journal of Biological Physics</i> , 2014, 40, 387-400.	1.5	4
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38	Microsecond Molecular Dynamics Simulations of Lipid Mixing. <i>Langmuir</i> , 2014, 30, 11993-12001.	3.5	101
39	Structural Dynamics and Conformational Equilibria of SERCA Regulatory Proteins in Membranes by Solid-State NMR Restrained Simulations. <i>Biophysical Journal</i> , 2014, 106, 2566-2576.	0.5	20
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