Zhe Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5470402/publications.pdf

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18	1,097	623734	940533
papers	citations	14 h-index	16 g-index

18	18	18	1881
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pro-Nifuroxazide Self-Assembly Leads to Triggerable Nanomedicine for Anti-cancer Therapy. ACS Applied Materials & Interfaces, 2019, 11, 18074-18089.	8.0	16
2	The Water Permeability and Pore Entrance Structure of Aquaporin-4 Depend on Lipid Bilayer Thickness. Biophysical Journal, 2016, 111, 90-99.	0.5	20
3	Computational Modeling of Sodium Channel Inactivation. Biophysical Journal, 2016, 110, 108a.	0.5	1
4	Efficient Exploration of Membrane-Associated Phenomena at Atomic Resolution. Journal of Membrane Biology, 2015, 248, 563-582.	2.1	33
5	Molecular dynamics simulations of large macromolecular complexes. Current Opinion in Structural Biology, 2015, 31, 64-74.	5.7	347
6	Trimodal Therapy: Combining Hyperthermia with Repurposed Bexarotene and Ultrasound for Treating Liver Cancer. ACS Nano, 2015, 9, 10695-10718.	14.6	56
7	How Synaptotagmin I, N-BAR and F-BAR Domains Generate Membrane Curvature. Biophysical Journal, 2015, 108, 555a.	0.5	0
8	Multilevel Summation Method for Electrostatic Force Evaluation. Biophysical Journal, 2015, 108, 183a.	0.5	1
9	Multilevel Summation Method for Electrostatic Force Evaluation. Journal of Chemical Theory and Computation, 2015, 11, 766-779.	5.3	46
10	C2B Domain in Synaptotagmin I Induces Membrane Bending Only After Conformational Change. Biophysical Journal, 2014, 106, 504a.	0.5	0
11	Gas-Phase Ion Isomer Analysis Reveals the Mechanism of Peptide Sequence Scrambling. Analytical Chemistry, 2014, 86, 2917-2924.	6.5	17
12	Synaptotaginâ€™s Role in Neurotransmitter Release Likely Involves Ca 2+ -induced Conformational Transition. Biophysical Journal, 2014, 107, 1156-1166.	0.5	42
13	Why Do Arginine and Lysine Organize Lipids Differently? Insights from Coarse-Grained and Atomistic Simulations. Journal of Physical Chemistry B, 2013, 117, 12145-12156.	2.6	60
14	Generation and sensing of membrane curvature: Where materials science and biophysics meet. Current Opinion in Solid State and Materials Science, 2013, 17, 164-174.	11.5	19
15	Self-Diffusion and Viscosity in Electrolyte Solutions. Journal of Physical Chemistry B, 2012, 116, 12007-12013.	2.6	156
16	Driving Force for the Association of Hydrophobic Peptides: The Importance of Electrostatic Interactions in Coarse-Grained Water Models. Journal of Physical Chemistry Letters, 2011, 2, 1794-1798.	4.6	38
17	A New Coarse-Grained Force Field for Membraneâ€“Peptide Simulations. Journal of Chemical Theory and Computation, 2011, 7, 3793-3802.	5.3	75
18	A New Coarse-Grained Model for Water: The Importance of Electrostatic Interactions. Journal of Physical Chemistry B, 2010, 114, 10524-10529.	2.6	170