

Zhe Wu

List of Publications by Year in descending order

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18
papers

1,097
citations

623574

14
h-index

940416

16
g-index

18
all docs

18
docs citations

18
times ranked

1881
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.	4.0	16
2	The Water Permeability and Pore Entrance Structure of Aquaporin-4 Depend on Lipid Bilayer Thickness. Biophysical Journal, 2016, 111, 90-99.	0.2	20
3	Computational Modeling of Sodium Channel Inactivation. Biophysical Journal, 2016, 110, 108a.	0.2	1
4	Efficient Exploration of Membrane-Associated Phenomena at Atomic Resolution. Journal of Membrane Biology, 2015, 248, 563-582.	1.0	33
5	Molecular dynamics simulations of large macromolecular complexes. Current Opinion in Structural Biology, 2015, 31, 64-74.	2.6	347
6	Trimodal Therapy: Combining Hyperthermia with Repurposed Bexarotene and Ultrasound for Treating Liver Cancer. ACS Nano, 2015, 9, 10695-10718.	7.3	56
7	How Synaptotagmin I, N-BAR and F-BAR Domains Generate Membrane Curvature. Biophysical Journal, 2015, 108, 555a.	0.2	0
8	Multilevel Summation Method for Electrostatic Force Evaluation. Biophysical Journal, 2015, 108, 183a.	0.2	1
9	Multilevel Summation Method for Electrostatic Force Evaluation. Journal of Chemical Theory and Computation, 2015, 11, 766-779.	2.3	46
10	C2B Domain in Synaptotagmin I Induces Membrane Bending Only After Conformational Change. Biophysical Journal, 2014, 106, 504a.	0.2	0
11	Gas-Phase Ion Isomer Analysis Reveals the Mechanism of Peptide Sequence Scrambling. Analytical Chemistry, 2014, 86, 2917-2924.	3.2	17
12	Synaptotagmin's Role in Neurotransmitter Release Likely Involves Ca ²⁺ -induced Conformational Transition. Biophysical Journal, 2014, 107, 1156-1166.	0.2	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.	1.2	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.	5.6	19
15	Self-Diffusion and Viscosity in Electrolyte Solutions. Journal of Physical Chemistry B, 2012, 116, 12007-12013.	1.2	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.	2.1	38
17	A New Coarse-Grained Force Field for Membrane's Peptide Simulations. Journal of Chemical Theory and Computation, 2011, 7, 3793-3802.	2.3	75
18	A New Coarse-Grained Model for Water: The Importance of Electrostatic Interactions. Journal of Physical Chemistry B, 2010, 114, 10524-10529.	1.2	170