

Guangfeng Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

412
citations

840776

11
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	Bridging Microscopic and Macroscopic Mechanisms of p53-MDM2 Binding with Kinetic Network Models. <i>Biophysical Journal</i> , 2017, 113, 785-793.	0.5	77
2	Environmentally friendly synthesis of alkaline anion exchange membrane for fuel cells via a solvent-free strategy. <i>Journal of Membrane Science</i> , 2011, 371, 155-162.	8.2	63
3	Force Field Optimization Guided by Small Molecule Crystal Lattice Data Enables Consistent Sub-Angstrom Protein-Ligand Docking. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 2000-2010.	5.3	52
4	A Maximum-Caliber Approach to Predicting Perturbed Folding Kinetics Due to Mutations. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 5768-5776.	5.3	40
5	Insights into Peptoid Helix Folding Cooperativity from an Improved Backbone Potential. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15407-15417.	2.6	39
6	Fluorinated Aromatic Monomers as Building Blocks To Control α -Peptoid Conformation and Structure. <i>Journal of the American Chemical Society</i> , 2019, 141, 3430-3434.	13.7	33
7	Diverted Total Synthesis of Carolacton-Inspired Analogs Yields Three Distinct Phenotypes in <i>Streptococcus mutans</i> Biofilms. <i>Journal of the American Chemical Society</i> , 2017, 139, 7188-7191.	13.7	27
8	Bayesian inference of conformational state populations from computational models and sparse experimental observables. <i>Journal of Computational Chemistry</i> , 2014, 35, 2215-2224.	3.3	22
9	Surprisal Metrics for Quantifying Perturbed Conformational Dynamics in Markov State Models. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 5716-5728.	5.3	22
10	Using Kinetic Network Models To Probe Non-Native Salt-Bridge Effects on α -Helix Folding. <i>Journal of Physical Chemistry B</i> , 2016, 120, 926-935.	2.6	16
11	Elucidating the inhibition of peptidoglycan biosynthesis in <i>Staphylococcus aureus</i> by albocycline, a macrolactone isolated from <i>Streptomyces maizeus</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3453-3460.	3.0	15