Guangfeng Zhou

List of Publications by Year
in descending order

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