Hongbin Wan

List of Publications by Year
in descending order

7 papers	163 citations	1478505 6 h-index	1720034 7 g-index
14 all docs	14 docs citations	14 times ranked	209 citing authors

#	Article	IF	Citations
1	Toward in vivo relevant drug design. Drug Discovery Today, 2021, 26, 637-650.	6.4	9
2	Adaptive Markov state model estimation using short reseeding trajectories. Journal of Chemical Physics, 2020, 152, 024103.	3.0	32
3	Probing the Dynamic Structure–Function and Structure-Free Energy Relationships of the Coronavirus Main Protease with Biodynamics Theory. ACS Pharmacology and Translational Science, 2020, 3, 1111-1143.	4.9	14
4	Reconciling Simulated Ensembles of Apomyoglobin with Experimental Hydrogen/Deuterium Exchange Data Using Bayesian Inference and Multiensemble Markov State Models. Journal of Chemical Theory and Computation, 2020, 16, 1333-1348.	5.3	25
5	Toward in vivo-relevant hERG safety assessment and mitigation strategies based on relationships between non-equilibrium blocker binding, three-dimensional channel-blocker interactions, dynamic occupancy, dynamic exposure, and cellular arrhythmia. PLoS ONE, 2020, 15, e0234946.	2.5	11
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	Spherical Monovalent Ions at Aqueous Liquid–Vapor Interfaces: Interfacial Stability and Induced Interface Fluctuations. Journal of Physical Chemistry B, 2013, 117, 11732-11742.	2.6	19