Xiancheng Zeng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12003149/publications.pdf

Version: 2024-02-01

10	263	1040056 9	1372567 10
papers	citations	h-index	g-index

10	10	10	451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accurate Quantum Mechanical/Molecular Mechanical Calculations of Reduction Potentials in Azurin Variants. Journal of Chemical Theory and Computation, 2018, 14, 4948-4957.	5.3	15
2	Residue-level resolution of alphavirus envelope protein interactions in pH-dependent fusion. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2034-2039.	7.1	27
3	Flipping of the Ribosomal A-Site Adenines Provides a Basis for tRNA Selection. Journal of Molecular Biology, 2014, 426, 3201-3213.	4.2	31
4	Fragment-Based Quantum Mechanical/Molecular Mechanical Simulations of Thermodynamic and Kinetic Process of the Ru²⁺â€“Ru³⁺ Self-Exchange Electron Transfer. Journal of Chemical Theory and Computation, 2012, 8, 4960-4967.	5.3	18
5	Liquid water simulations with the density fragment interaction approach. Physical Chemistry Chemical Physics, 2012, 14, 7700.	2.8	14
6	Mechanical Anisotropy of Ankyrin Repeats. Biophysical Journal, 2012, 102, 1118-1126.	0.5	20
7	Full Reconstruction of a Vectorial Protein Folding Pathway by Atomic Force Microscopy and Molecular Dynamics Simulations*. Journal of Biological Chemistry, 2010, 285, 38167-38172.	3.4	36
8	Equilibrium Sampling for Biomolecules under Mechanical Tension. Biophysical Journal, 2010, 98, 733-740.	0.5	6
9	Calculating solution redox free energies with ab initio quantum mechanical/molecular mechanical minimum free energy path method. Journal of Chemical Physics, 2009, 130, 164111.	3.0	35
10	Ab initio quantum mechanical/molecular mechanical simulation of electron transfer process: Fractional electron approach. Journal of Chemical Physics, 2008, 128, 124510.	3.0	61