

Xiancheng Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

263
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

451
citing authors

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