

Anthony Hazel

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

299
citations

1040056

9
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerating Membrane Simulations with Hydrogen Mass Repartitioning. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 4673-4686.	5.3	85
2	Thermodynamics of Deca-alanine Folding in Water. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 2836-2844.	5.3	44
3	Transmembrane but not soluble helices fold inside the ribosome tunnel. <i>Nature Communications</i> , 2018, 9, 5246.	12.8	36
4	Identification of Binding Sites for Efflux Pump Inhibitors of the AcrAB-TolC Component AcrA. <i>Biophysical Journal</i> , 2019, 116, 648-658.	0.5	27
5	Structure and Misfolding of the Flexible Tripartite Coiled-Coil Domain of Glaucoma-Associated Myocilin. <i>Structure</i> , 2017, 25, 1697-1707.e5.	3.3	26
6	Computed Free Energies of Peptide Insertion into Bilayers are Independent of Computational Method. <i>Journal of Membrane Biology</i> , 2018, 251, 345-356.	2.1	22
7	Rapid and accurate estimation of protein-ligand relative binding affinities using site-identification by ligand competitive saturation. <i>Chemical Science</i> , 2021, 12, 8844-8858.	7.4	18
8	Redox-Driven Conformational Dynamics in a Photosystem-II-Inspired β^2 -Hairpin Maquette Determined through Spectroscopy and Simulation. <i>Journal of Physical Chemistry B</i> , 2017, 121, 3536-3545.	2.6	15
9	Stable calcium-free myocilin olfactomedin domain variants reveal challenges in differentiating between benign and glaucoma-causing mutations. <i>Journal of Biological Chemistry</i> , 2019, 294, 12717-12728.	3.4	13
10	Application of site-identification by ligand competitive saturation in computer-aided drug design. <i>New Journal of Chemistry</i> , 2022, 46, 919-932.	2.8	8
11	A Minimal Membrane Metal Transport System: Dynamics and Energetics of <i>mer</i> Proteins. <i>Journal of Computational Chemistry</i> , 2020, 41, 528-537.	3.3	5
12	Diverse Protein-Folding Pathways and Functions of β^2 -Hairpins and β^2 -Sheets. , 2018, , 1-20.		0