

Victoria T Lim

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

328
citations

1163117

8
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

475
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamics and Mechanism of the Membrane Permeation of Hv1 Channel Blockers. <i>Journal of Membrane Biology</i> , 2021, 254, 5-16.	2.1	6
2	Improving small molecule force fields by identifying and characterizing small molecules with inconsistent parameters. <i>Journal of Computer-Aided Molecular Design</i> , 2021, 35, 271-284.	2.9	12
3	HIFs: New arginine mimic inhibitors of the Hv1 channel with improved VSD-ligand interactions. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	14
4	A novel Hv1 inhibitor reveals a new mechanism of inhibition of a voltage-sensing domain. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	8
5	Development and Benchmarking of Open Force Field v1.0.0—the Parsley Small-Molecule Force Field. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 6262-6280.	5.3	80
6	Insights on small molecule binding to the Hv1 proton channel from free energy calculations with molecular dynamics simulations. <i>Scientific Reports</i> , 2020, 10, 13587.	3.3	8
7	Benchmark assessment of molecular geometries and energies from small molecule force fields. <i>F1000Research</i> , 2020, 9, 1390.	1.6	30
8	Assessing the Conformational Equilibrium of Carboxylic Acid via Quantum Mechanical and Molecular Dynamics Studies on Acetic Acid. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1957-1964.	5.4	14
9	Escaping Atom Types in Force Fields Using Direct Chemical Perception. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 6076-6092.	5.3	110
10	Quantum-Mechanics Methodologies in Drug Discovery: Applications of Docking and Scoring in Lead Optimization. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 2663-2680.	2.1	26