

Victoria T Lim

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

144
citations

6
h-index

12
g-index

17
ext. papers

236
ext. citations

4.2
avg, IF

2.79
L-index

#	Paper	IF	Citations
13	Escaping Atom Types in Force Fields Using Direct Chemical Perception. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 6076-6092	6.4	62
12	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	3	22
11	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	6.4	12
10	Benchmark assessment of molecular geometries and energies from small molecule force fields. <i>F1000Research</i> , 2020 , 9,	3.6	11
9	Open Force Field Consortium: Escaping atom types using direct chemical perception with SMIRNOFF v0.1		11
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 ⁸	6.1	8
7	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	4.2	6
6	Benchmark Assessment of Molecular Geometries and Energies from Small Molecule Force Fields		2
5	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	4.9	2
4	HIFs: New arginine mimic inhibitors of the Hv1 channel with improved VSD-ligand interactions. <i>Journal of General Physiology</i> , 2021 , 153,	3.4	2
3	A novel Hv1 inhibitor reveals a new mechanism of inhibition of a voltage-sensing domain. <i>Journal of General Physiology</i> , 2021 , 153,	3.4	2
2	Characterization of the dynamic resting state of a pentameric ligand-gated ion channel by cryo-electron microscopy and simulations		1
1	Thermodynamics and Mechanism of the Membrane Permeation of Hv1 Channel Blockers. <i>Journal of Membrane Biology</i> , 2021 , 254, 5-16	2.3	1