Victoria T Lim

List of Publications by Year in Descending Order

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	HIFs: New arginine mimic inhibitors of the Hv1 channel with improved VSD-ligand interactions. *Journal of General Physiology*, **2021**, 153,	3.4	2
12	A novel Hv1 inhibitor reveals a new mechanism of inhibition of a voltage-sensing domain. *Journal of General Physiology*, **2021**, 153,	3.4	2
11	Thermodynamics and Mechanism of the Membrane Permeation of Hv1 Channel Blockers. *Journal of Membrane Biology*, **2021**, 254, 5-16	2.3	1
10	Improving small molecule force fields by identifying and characterizing small molecules with inconsistent parameters. *Journal of Computer-Aided Molecular Design*, **2021**, 35, 271-284	4.2	6
9	Development and Benchmarking of Open Force Field v1.0.0-the Parsley Small-Molecule Force Field. *Journal of Chemical Theory and Computation*, **2021**, 17, 6262-6280	6.4	12
8	Benchmark assessment of molecular geometries and energies from small molecule force fields. *F1000Research*, **2020**, 9,	3.6	11
7	Insights on small molecule binding to the Hv1 proton channel from free energy calculations with molecular dynamics simulations. *Scientific Reports*, **2020**, 10, 13587	4.9	2
6	Assessing the Conformational Equilibrium of Carboxylic Acid via Quantum Mechanical and Molecular Dynamics Studies on Acetic Acid. *Journal of Chemical Information and Modeling*, **2019**, 59, 1957-1964	6.1	8
5	Escaping Atom Types in Force Fields Using Direct Chemical Perception. *Journal of Chemical Theory and Computation*, **2018**, 14, 6076-6092	6.4	62
4	Quantum-Mechanics Methodologies in Drug Discovery: Applications of Docking and Scoring in Lead Optimization. *Current Topics in Medicinal Chemistry*, **2017**, 17, 2663-2680	3	22
3	Benchmark Assessment of Molecular Geometries and Energies from Small Molecule Force Fields		2
2	Characterization of the dynamic resting state of a pentameric ligand-gated ion channel by cryo-electron microscopy and simulations		1
1	Open Force Field Consortium: Escaping atom types using direct chemical perception with SMIRNOFF v0.1		11