Taehoon Kim

List of Publications by Year
in descending order

10 papers	6,811 citations	932766 10 h-index	1372195 10 g-index
10 all docs	10 docs citations	10 times ranked	9168 citing authors

#	Article	IF	Citations
1	CHARMMâ€GUI: A webâ€based graphical user interface for CHARMM. Journal of Computational Chemistry, 2008, 29, 1859-1865.	1.5	5,402
2	Automated Builder and Database of Protein/Membrane Complexes for Molecular Dynamics Simulations. PLoS ONE, 2007, 2, e880.	1.1	930
3	Improving the CHARMM Force Field for Polyunsaturated Fatty Acid Chains. Journal of Physical Chemistry B, 2012, 116, 9424-9431.	1.2	140
4	Revisiting Hydrophobic Mismatch with Free Energy Simulation Studies of Transmembrane Helix Tilt and Rotation. Biophysical Journal, 2010, 99, 175-183.	0.2	106
5	Influence of Hydrophobic Mismatch on Structures and Dynamics of Gramicidin A and Lipid Bilayers. Biophysical Journal, 2012, 102, 1551-1560.	0.2	92
6	Transmembrane Helix Assembly by Window Exchange Umbrella Sampling. Physical Review Letters, 2012, 108, 108102.	2.9	61
7	Molecular dynamics studies on structure and dynamics of phospholamban monomer and pentamer in membranes. Proteins: Structure, Function and Bioinformatics, 2009, 76, 86-98.	1.5	22
8	An ensemble dynamics approach to decipher solid-state NMR observables of membrane proteins. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 252-262.	1.4	21
9	Novel free energy calculations to explore mechanisms and energetics of membrane protein structure and function. Journal of Computational Chemistry, 2009, 30, 1622-1633.	1.5	20
10	Solid-State NMR Ensemble Dynamics as a Mediator between Experiment and Simulation. Biophysical Journal, 2011, 100, 2922-2928.	0.2	17