

Seonghoon Kim

List of Publications by Year in descending order

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15
papers

1,319
citations

840119

11
h-index

996533

15
g-index

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16
docs citations

16
times ranked

1829
citing authors

#	ARTICLE	IF	CITATIONS
1	CHARMM-GUI <i>Membrane Builder</i> for Complex Biological Membrane Simulations with Glycolipids and Lipoglycans. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 775-786.	2.3	388
2	CHARMM-GUI ligand reader and modeler for CHARMM force field generation of small molecules. <i>Journal of Computational Chemistry</i> , 2017, 38, 1879-1886.	1.5	311
3	CHARMM-GUI 10 years for biomolecular modeling and simulation. <i>Journal of Computational Chemistry</i> , 2017, 38, 1114-1124.	1.5	224
4	Bilayer Properties of Lipid A from Various Gram-Negative Bacteria. <i>Biophysical Journal</i> , 2016, 111, 1750-1760.	0.2	88
5	CHARMM-GUI Supports Hydrogen Mass Repartitioning and Different Protonation States of Phosphates in Lipopolysaccharides. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 831-839.	2.5	59
6	CHARMM-GUI Polymer Builder for Modeling and Simulation of Synthetic Polymers. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 2431-2443.	2.3	58
7	CHARMM-GUI Free Energy Calculator for Absolute and Relative Ligand Solvation and Binding Free Energy Simulations. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 7207-7218.	2.3	57
8	Synthetic Immunotherapeutics against Gram-negative Pathogens. <i>Cell Chemical Biology</i> , 2018, 25, 1185-1194.e5.	2.5	29
9	CHARMM-GUI Membrane Builder for Lipid Nanoparticles with Ionizable Cationic Lipids and PEGylated Lipids. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 5192-5202.	2.5	25
10	CHARMM-GUI Free Energy Calculator for Practical Ligand Binding Free Energy Simulations with AMBER. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4145-4151.	2.5	24
11	Conformationally flexible core-bearing detergents with a hydrophobic or hydrophilic pendant: Effect of pendant polarity on detergent conformation and membrane protein stability. <i>Acta Biomaterialia</i> , 2021, 128, 393-407.	4.1	15
12	Systematic Assessment of Accessibility to the Surface of <i>Staphylococcus aureus</i> . <i>ACS Chemical Biology</i> , 2021, 16, 2527-2536.	1.6	15
13	Influences of <i>Vibrio cholerae</i> Lipid A Types on LPS Bilayer Properties. <i>Journal of Physical Chemistry B</i> , 2021, 125, 2105-2112.	1.2	10
14	Broadening Activity of Polymyxin by Quaternary Ammonium Grafting. <i>ACS Infectious Diseases</i> , 2020, 6, 1427-1435.	1.8	9
15	Insight into Elongation Stages of Peptidoglycan Processing in Bacterial Cytoplasmic Membranes. <i>Scientific Reports</i> , 2018, 8, 17704.	1.6	6