

Yeol Kyo Choi

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.

16
papers

243
citations

7
h-index

15
g-index

20
ext. papers

447
ext. citations

6.6
avg, IF

3.53
L-index

#	Paper	IF	Citations
16	Developing a Fully Glycosylated Full-Length SARS-CoV-2 Spike Protein Model in a Viral Membrane. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 7128-7137	3.4	131
15	Structure, Dynamics, Receptor Binding, and Antibody Binding of the Fully Glycosylated Full-Length SARS-CoV-2 Spike Protein in a Viral Membrane. <i>Journal of Chemical Theory and Computation</i> , 2021 , 17, 2479-2487	6.4	26
14	Enhanced Thermal Stability of Polyaniline with Polymerizable Dopants. <i>Macromolecules</i> , 2017 , 50, 3164-3170	3.7	16
13	Conjugated Polymer Nanoparticles in Aqueous Media by Assembly with Phospholipids via Dense Alkyl Chain Packing. <i>Macromolecules</i> , 2017 , 50, 6935-6944	5.5	14
12	Hyperconjugation-induced chromism in linear responsive polymers. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13130-13138	7.1	13
11	CHARMM-GUI Polymer Builder for Modeling and Simulation of Synthetic Polymers. <i>Journal of Chemical Theory and Computation</i> , 2021 , 17, 2431-2443	6.4	12
10	High-Speed Lateral Flow Strategy for a Fast Biosensing with an Improved Selectivity and Binding Affinity. <i>Sensors</i> , 2018 , 18,	3.8	9
9	Developing a Fully-glycosylated Full-length SARS-CoV-2 Spike Protein Model in a Viral Membrane 2020 ,		4
8	Formation of nanopores in DiynePC-DPPC complex lipid bilayers triggered by on-demand photo-polymerization.. <i>RSC Advances</i> , 2018 , 8, 27988-27994	3.7	3
7	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	6.1	2
6	Dynamic Interactions of Fully Glycosylated SARS-CoV-2 Spike Protein with Various Antibodies. <i>Journal of Chemical Theory and Computation</i> , 2021 , 17, 6559-6569	6.4	2
5	Phosphate-Functionalized Stabilized F127 Nanoparticles: Introduction of Discrete Surface Charges and Electrophoretic Determination of Aggregation Number. <i>Macromolecular Research</i> , 2019 , 27, 657-662	1.9	1
4	Structure, Dynamics, Receptor Binding, and Antibody Binding of Fully-glycosylated Full-length SARS-CoV-2 Spike Protein in a Viral Membrane		1
3	Structure, Dynamics, and Interactions of GPI-Anchored Human Glypican-1 with Heparan Sulfates in a Membrane. <i>Glycobiology</i> , 2021 , 31, 593-602	5.8	1
2	Structural basis of neuropeptide Y signaling through Y1 receptor.. <i>Nature Communications</i> , 2022 , 13, 853	17.4	1
1	Carrier-free micellar CpG interacting with cell membrane for enhanced immunological treatment of HIV-1. <i>Biomaterials</i> , 2021 , 277, 121081	15.6	0