Yeol Kyo Choi

List of Publications by Year in Descending Order

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	Structural basis of neuropeptide Y signaling through Y1 receptor.. *Nature Communications*, **2022**, 13, 853	17.4	1
15	Structure, Dynamics, Receptor Binding, and Antibody Binding of the Fully Glycosylated Full-Length SARS-CoV-2 Spike Protein in a Viral Membrane. *Journal of Chemical Theory and Computation*, **2021**, 17, 2479-2487	6.4	26
14	CHARMM-GUI Polymer Builder for Modeling and Simulation of Synthetic Polymers. *Journal of Chemical Theory and Computation*, **2021**, 17, 2431-2443	6.4	12
13	Structure, Dynamics, and Interactions of GPI-Anchored Human Glypican-1 with Heparan Sulfates in a Membrane. *Glycobiology*, **2021**, 31, 593-602	5.8	1
12	CHARMM-GUI Membrane Builder for Lipid Nanoparticles with Ionizable Cationic Lipids and PEGylated Lipids. *Journal of Chemical Information and Modeling*, **2021**, 61, 5192-5202	6.1	2
11	Dynamic Interactions of Fully Glycosylated SARS-CoV-2 Spike Protein with Various Antibodies. *Journal of Chemical Theory and Computation*, **2021**, 17, 6559-6569	6.4	2
10	Carrier-free micellar CpG interacting with cell membrane for enhanced immunological treatment of HIV-1. *Biomaterials*, **2021**, 277, 121081	15.6	0
9	Developing a Fully Glycosylated Full-Length SARS-CoV-2 Spike Protein Model in a Viral Membrane. *Journal of Physical Chemistry B*, **2020**, 124, 7128-7137	3.4	131
8	Developing a Fully-glycosylated Full-length SARS-CoV-2 Spike Protein Model in a Viral Membrane **2020**,		4
7	Phosphate-Functionalized Stabilized F127 Nanoparticles: Introduction of Discrete Surface Charges and Electrophoretic Determination of Aggregation Number. *Macromolecular Research*, **2019**, 27, 657-662	1.9	1
6	Hyperconjugation-induced chromism in linear responsive polymers. *Journal of Materials Chemistry C* , **2019**, 7, 13130-13138	7.1	13
5	High-Speed Lateral Flow Strategy for a Fast Biosensing with an Improved Selectivity and Binding Affinity. *Sensors*, **2018**, 18,	3.8	9
4	Formation of nanopores in DiynePC-DPPC complex lipid bilayers triggered by on-demand photo-polymerization.. *RSC Advances*, **2018**, 8, 27988-27994	3.7	3
3	Enhanced Thermal Stability of Polyaniline with Polymerizable Dopants. *Macromolecules*, **2017**, 50, 3164-3170	5.5	16
2	Conjugated Polymer Nanoparticles in Aqueous Media by Assembly with Phospholipids via Dense Alkyl Chain Packing. *Macromolecules*, **2017**, 50, 6935-6944	5.5	14
1	Structure, Dynamics, Receptor Binding, and Antibody Binding of Fully-glycosylated Full-length SARS-CoV-2 Spike Protein in a Viral Membrane		1