Yiwei Cao

List of Publications by Year in Descending Order

10 papers	213 citations	5 h-index	12 g-index
12 ext. papers	397 ext. citations	5.7 avg, IF	3.73 L-index

#	Paper	IF	Citations
10	Binding of Human ACE2 and RBD of Omicron Enhanced by Unique Interaction Patterns Among SARS-CoV-2 Variants of Concern. **2022**,		2
9	CHARMM-GUI for Template-Based Virtual Ligand Design in a Binding Site. *Journal of Chemical Information and Modeling*, **2021**, 61, 5336-5342	6.1	1
8	Differential Interactions between Human ACE2 and Spike RBD of SARS-CoV-2 Variants of Concern. *Journal of Chemical Theory and Computation*, **2021**,	6.4	20
7	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
6	Differential Interactions Between Human ACE2 and Spike RBD of SARS-CoV-2 Variants of Concern **2021**,		16
5	A systematic analysis of protein-carbohydrate interactions in the Protein Data Bank. *Glycobiology*, **2021**, 31, 126-136	5.8	5
4	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
3	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
2	Developing a Fully-glycosylated Full-length SARS-CoV-2 Spike Protein Model in a Viral Membrane **2020**,		4
1	GlyMDB: Glycan Microarray Database and analysis toolset. *Bioinformatics*, **2020**, 36, 2438-2442	7.2	6