

Yiwei Cao

List of Publications by Year in Descending Order

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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.

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. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 5336-5342	6.1	1
8	Differential Interactions between Human ACE2 and Spike RBD of SARS-CoV-2 Variants of Concern. <i>Journal of Chemical Theory and Computation</i> , 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. <i>Journal of Chemical Theory and Computation</i> , 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. <i>Glycobiology</i> , 2021 , 31, 126-136	5.8	5
4	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
3	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
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. <i>Bioinformatics</i> , 2020 , 36, 2438-2442	7.2	6