

Yixin Xie

List of Publications by Year in descending order

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docs citations

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133
citing authors

#	ARTICLE	IF	CITATIONS
1	Spike Proteins of SARS-CoV and SARS-CoV-2 Utilize Different Mechanisms to Bind With Human ACE2. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 591873.	3.5	83
2	Revealing the Mechanism of SARS-CoV-2 Spike Protein Binding With ACE2. <i>Computing in Science and Engineering</i> , 2020, 22, 21-29.	1.2	21
3	The pH Effects on SARS-CoV and SARS-CoV-2 Spike Proteins in the Process of Binding to hACE2. <i>Pathogens</i> , 2022, 11, 238.	2.8	20
4	Using computational approaches to study dengue virus capsid assembly. <i>Computational and Mathematical Biophysics</i> , 2019, 7, 64-72.	1.1	16
5	StructureMan: A Structure Manipulation Tool to Study Large Scale Biomolecular Interactions. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 627087.	3.5	12
6	A computational model of ESAT-6 complex in membrane. <i>Journal of Theoretical and Computational Chemistry</i> , 2020, 19, 2040002.	1.8	10
7	Electrostatic features for nucleocapsid proteins of SARS-CoV and SARS-CoV-2. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 2372-2383.	1.9	8
8	The Electrostatic Features of Dengue Virus Capsid Assembly. <i>Journal of Computational Biophysics and Chemistry</i> , 2021, 20, 201-207.	1.7	7
9	Computational Study on E-Hooks of Tubulins in the Binding Process with Kinesin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2035.	4.1	1