

Yipeng Cao

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

145
citations

1683354

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1588620

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docs citations

9
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the <scp>SARS-CoV</scp>'s E Protein: Sequence, Structure, Viroporin, and Inhibitors. <i>Protein Science</i> , 2021, 30, 1114-1130.	3.1	68
2	Computational Study of the Ion and Water Permeation and Transport Mechanisms of the SARS-CoV-2 Pentameric E Protein Channel. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 565797.	1.6	26
3	Transmembrane dynamics of the Thr-5 phosphorylated sarcolipin pentameric channel. <i>Archives of Biochemistry and Biophysics</i> , 2016, 604, 143-151.	1.4	18
4	Probing the formation, structure and free energy relationships of M protein dimers of SARS-CoV-2. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 573-582.	1.9	9
5	<scp>S</scp>'s assembling study of sarcolipin and its mutants in multiple molecular dynamic simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1065-1077.	1.5	8
6	Molecular dynamics of water and monovalent-ions transportation mechanisms of pentameric sarcolipin. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 73-81.	1.5	6
7	Prediction of LncRNA-encoded small peptides in glioma and oligomer channel functional analysis using in silico approaches. <i>PLoS ONE</i> , 2021, 16, e0248634.	1.1	6
8	Effects of amino acid modifications on the permeability of the pentameric sarcolipin channel. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 427-435.	1.5	4