

# Yipeng Cao

## List of Publications by Year in descending order

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