

Xia Yuan-ling

List of Publications by Year in descending order

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8
papers

963
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1683934
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docs citations

9
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic Origin of Different Binding Affinities of SARS-CoV and SARS-CoV-2 Spike RBDs to Human ACE2. <i>Cells</i> , 2022, 11, 1274.	1.8	8
2	Exploring the Cold-Adaptation Mechanism of Serine Hydroxymethyltransferase by Comparative Molecular Dynamics Simulations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1781.	1.8	10
3	A Deep Learning Approach for Predicting Antigenic Variation of Influenza A H3N2. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-10.	0.7	5
4	The Energetic Origin of Different Catalytic Activities in Temperature-Adapted Trypsins. <i>ACS Omega</i> , 2020, 5, 25077-25086.	1.6	2
5	Molecular dynamics simulations reveal distinct differences in conformational dynamics and thermodynamics between the unliganded and CD4-bound states of HIV-1 gp120. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5548-5560.	1.3	12
6	Insights into the role of electrostatics in temperature adaptation: a comparative study of psychrophilic, mesophilic, and thermophilic subtilisin-like serine proteases. <i>RSC Advances</i> , 2018, 8, 29698-29713.	1.7	20
7	Comparative thermal unfolding study of psychrophilic and mesophilic subtilisin-like serine proteases by molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1500-1517.	2.0	19
8	Insights into Protein-Ligand Interactions: Mechanisms, Models, and Methods. <i>International Journal of Molecular Sciences</i> , 2016, 17, 144.	1.8	885