

Jack A Henderson

List of Publications by Year in descending order

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8
papers

226
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton-Coupled Conformational Activation of SARS Coronavirus Main Proteases and Opportunity for Designing Small-Molecule Broad-Spectrum Targeted Covalent Inhibitors. <i>Journal of the American Chemical Society</i> , 2020, 142, 21883-21890.	13.7	57
2	Assessment of proton-coupled conformational dynamics of SARS and MERS coronavirus papain-like proteases: Implication for designing broad-spectrum antiviral inhibitors. <i>Journal of Chemical Physics</i> , 2020, 153, 115101.	3.0	46
3	Predicting Catalytic Proton Donors and Nucleophiles in Enzymes: How Adding Dynamics Helps Elucidate the Structure–Function Relationships. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1179-1184.	4.6	35
4	How Ligand Protonation State Controls Water in Protein–Ligand Binding. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5440-5444.	4.6	29
5	Alternative proton-binding site and long-distance coupling in <i>Escherichia coli</i> sodium–proton antiporter NhaA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25517-25522.	7.1	25
6	Continuous Constant pH Molecular Dynamics Simulations of Transmembrane Proteins. <i>Methods in Molecular Biology</i> , 2021, 2302, 275-287.	0.9	11
7	Exploring the pH-Dependent Structure–Dynamics–Function Relationship of Human Renin. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 400-407.	5.4	8
8	Exploring the pH- and Ligand-Dependent Flap Dynamics of Malarial Plasmeprin II. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 150-158.	5.4	8