

# Yandong Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3090787/publications.pdf>

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11  
papers

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citations

1040056

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1281871

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docs citations

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392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous Constant pH Molecular Dynamics Simulations of Transmembrane Proteins. <i>Methods in Molecular Biology</i> , 2021, 2302, 275-287.	0.9	11
2	Protein Secondary Structure Prediction With a Reductive Deep Learning Method. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 687426.	4.1	18
3	Protein pK <sub>a</sub> Prediction with Machine Learning. <i>ACS Omega</i> , 2021, 6, 34823-34831.	3.5	14
4	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
5	Anti-cross-correlation between the adjacent open and closed durations of Markovian channels. <i>Physical Review E</i> , 2020, 101, 012418.	2.1	2
6	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
7	Generalized Born Based Continuous Constant pH Molecular Dynamics in Amber: Implementation, Benchmarking and Analysis. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 1372-1383.	5.4	48
8	Understanding the pH-Dependent Reaction Mechanism of a Glycoside Hydrolase Using High-Resolution X-ray and Neutron Crystallography. <i>ACS Catalysis</i> , 2018, 8, 8058-8069.	11.2	15
9	Mechanism of pH-dependent activation of the sodium-proton antiporter NhaA. <i>Nature Communications</i> , 2016, 7, 12940.	12.8	90
10	All-Atom Continuous Constant pH Molecular Dynamics With Particle Mesh Ewald and Titratable Water. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 5411-5421.	5.3	101
11	Conformational Activation of a Transmembrane Proton Channel from Constant pH Molecular Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3961-3966.	4.6	52