

# Jing Zhao

## List of Publications by Year in descending order

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12  
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times ranked

268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxygenase and Oxidase Activities of Dehaloperoxidase-Hemoglobin from <i>Amphitrite ornata</i> . Journal of the American Chemical Society, 2014, 136, 7914-7925.	13.7	41
2	Structural and Kinetic Study of an Internal Substrate Binding Site in Dehaloperoxidase-Hemoglobin A from <i>Amphitrite ornata</i> . Biochemistry, 2013, 52, 2427-2439.	2.5	32
3	Localized Nanoscale Heating Leads to Ultrafast Hydrogel Volume-Phase Transition. ACS Nano, 2019, 13, 515-525.	14.6	28
4	Kinetic Study of the Inhibition Mechanism of Dehaloperoxidase-Hemoglobin A by 4-Bromophenol. Journal of Physical Chemistry B, 2013, 117, 8301-8309.	2.6	19
5	Distinct Enzyme-Substrate Interactions Revealed by Two Dimensional Kinetic Comparison between Dehaloperoxidase-Hemoglobin and Horseradish Peroxidase. Journal of Physical Chemistry B, 2015, 119, 12828-12837.	2.6	18
6	Light-Responsive Polymer Particles as Force Clamps for the Mechanical Unfolding of Target Molecules. Nano Letters, 2018, 18, 2630-2636.	9.1	16
7	Correlation of Heme Binding Affinity and Enzyme Kinetics of Dehaloperoxidase. Biochemistry, 2014, 53, 6863-6877.	2.5	15
8	Measurement of Internal Substrate Binding in Dehaloperoxidase-Hemoglobin by Competition with the Heme-Fluoride Binding Equilibrium. Journal of Physical Chemistry B, 2015, 119, 2827-2838.	2.6	15
9	The Regulatory Implications of Hydroquinone for the Multifunctional Enzyme Dehaloperoxidase-Hemoglobin from <i>Amphitrite ornata</i> . Journal of Physical Chemistry B, 2013, 117, 14615-14624.	2.6	14
10	Acceleration of catalysis in dihydrofolate reductase by transient, site-specific photothermal excitation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
11	Dynamics of dehaloperoxidase-hemoglobin A derived from NMR relaxation spectroscopy and molecular dynamics simulation. Journal of Inorganic Biochemistry, 2018, 181, 65-73.	3.5	5
12	Bindings of NO, CO, and O <sub>2</sub> to multifunctional globin type dehaloperoxidase follow the "sliding scale rule". Biochemical Journal, 2017, 474, 3485-3498.	3.7	2