

Yaqiang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,790
citations

394421

19
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1945
citing authors

#	ARTICLE	IF	CITATIONS
1	Macromolecular Crowding and Protein Stability. <i>Journal of the American Chemical Society</i> , 2012, 134, 16614-16618.	13.7	289
2	Protein Crowding Tunes Protein Stability. <i>Journal of the American Chemical Society</i> , 2011, 133, 7116-7120.	13.7	255
3	Effects of Proteins on Protein Diffusion. <i>Journal of the American Chemical Society</i> , 2010, 132, 9392-9397.	13.7	223
4	Protein ¹⁹ F NMR in <i>Escherichia coli</i> . <i>Journal of the American Chemical Society</i> , 2010, 132, 321-327.	13.7	196
5	Macromolecular Crowding Fails To Fold a Globular Protein in Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 8082-8085.	13.7	132
6	Structure of Telomerase with Telomeric DNA. <i>Cell</i> , 2018, 173, 1179-1190.e13.	28.9	124
7	Translational and Rotational Diffusion of a Small Globular Protein under Crowded Conditions. <i>Journal of Physical Chemistry B</i> , 2009, 113, 13390-13392.	2.6	82
8	Metabolic changes in rat prefrontal cortex and hippocampus induced by chronic morphine treatment studied ex vivo by high resolution ¹ H NMR spectroscopy. <i>Neurochemistry International</i> , 2007, 50, 386-394.	3.8	64
9	Disordered Protein Diffusion under Crowded Conditions. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2703-2706.	4.6	53
10	Structures of telomerase at several steps of telomere repeat synthesis. <i>Nature</i> , 2021, 593, 454-459.	27.8	44
11	Structural Biology of Telomerase. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a032383.	5.5	43
12	Structure of active human telomerase with telomere shelterin protein TPP1. <i>Nature</i> , 2022, 604, 578-583.	27.8	43
13	Cerebral Metabolic Changes in a Depression-like Rat Model of Chronic Forced Swimming Studied by Ex Vivo High Resolution ¹ H Magnetic Resonance Spectroscopy. <i>Neurochemical Research</i> , 2008, 33, 2342-2349.	3.3	40
14	Progress in Human and <i>Tetrahymena</i> Telomerase Structure Determination. <i>Annual Review of Biophysics</i> , 2017, 46, 199-225.	10.0	39
15	Structural basis of 7SK RNA 5'-phosphate methylation and retention by MePCE. <i>Nature Chemical Biology</i> , 2019, 15, 132-140.	8.0	38
16	Structure of <i>Tetrahymena</i> telomerase-bound CST with polymerase β -primase. <i>Nature</i> , 2022, 608, 813-818.	27.8	29
17	Structural biology of telomerase and its interaction at telomeres. <i>Current Opinion in Structural Biology</i> , 2017, 47, 77-87.	5.7	26
18	Molecular Mechanism of GTPase Activation at the Signal Recognition Particle (SRP) RNA Distal End. <i>Journal of Biological Chemistry</i> , 2013, 288, 36385-36397.	3.4	25

#	ARTICLE	IF	CITATIONS
19	Structural conservation in the template/pseudoknot domain of vertebrate telomerase RNA from teleost fish to human. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5125-34.	7.1	22
20	A structurally conserved human and <i>Tetrahymena</i> telomerase catalytic core. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31078-31087.	7.1	17
21	Mechanistic Investigation of Drug Supersaturation in the Presence of Polysorbates as Solubilizing Additives by Solution Nuclear Magnetic Resonance Spectroscopy. Molecular Pharmaceutics, 2021, 18, 4310-4321.	4.6	4
22	A Structurally Conserved Human and <i>Tetrahymena</i> Telomerase Catalytic Core. Biophysical Journal, 2021, 120, 138a.	0.5	2