

Li Na Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,451
citations

759233

12
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2919
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathophysiology of type 2 diabetes and the impact of altered metabolic interorgan crosstalk. FEBS Journal, 2023, 290, 620-648.	4.7	22
2	Pairing structural reconstruction with catalytic competence to evaluate the mechanisms of key enzymes in the folate-mediated one-carbon pathway. FEBS Journal, 2023, 290, 2279-2291.	4.7	7
3	The catalytic mechanism of the mitochondrial methylenetetrahydrofolate dehydrogenase/cyclohydrolase (MTHFD2). PLoS Computational Biology, 2022, 18, e1010140.	3.2	2
4	Virtual screening of potentially endocrine-disrupting chemicals against nuclear receptors and its application to identify PPAR β -bound fatty acids. Archives of Toxicology, 2021, 95, 355-374.	4.2	10
5	Therapeutic targeting of the mitochondrial one-carbon pathway: perspectives, pitfalls, and potential. Oncogene, 2021, 40, 2339-2354.	5.9	36
6	Histidine protonation states are key in the LigI catalytic reaction mechanism. Proteins: Structure, Function and Bioinformatics, 2021, , .	2.6	2
7	Exploring alternative catalytic mechanisms of the Cas9 HNH domain. Proteins: Structure, Function and Bioinformatics, 2020, 88, 260-264.	2.6	17
8	In-Silico Identified New Natural Sortase A Inhibitors Disrupt S. aureus Biofilm Formation. International Journal of Molecular Sciences, 2020, 21, 8601.	4.1	29
9	Cascading proton transfers are a hallmark of the catalytic mechanism of SAM-dependent methyltransferases. FEBS Letters, 2020, 594, 2128-2139.	2.8	8
10	Directed Computational Evolution of Quorum-Quenching Lactonases from the Amidohydrolase Superfamily. Structure, 2020, 28, 635-642.e3.	3.3	5
11	Exploring the Catalytic Mechanism of Cas9 Using Information Inferred from Endonuclease VII. ACS Catalysis, 2019, 9, 1329-1336.	11.2	26
12	Generalized logical model based on network topology to capture the dynamical trends of cellular signaling pathways. BMC Systems Biology, 2016, 10, 7.	3.0	2
13	An Investigation on the Fundamental Interaction between Abeta Peptides and the AT-Rich DNA. Journal of Physical Chemistry B, 2015, 119, 8247-8259.	2.6	1
14	Alzheimer's Disease—A Panorama Glimpse. International Journal of Molecular Sciences, 2014, 15, 12631-12650.	4.1	14
15	The role of pro-inflammatory S100A9 in Alzheimer's disease amyloid-neuroinflammatory cascade. Acta Neuropathologica, 2014, 127, 507-522.	7.7	108
16	Highly sensitive inference of time-delayed gene regulation by network deconvolution. BMC Systems Biology, 2014, 8, S6.	3.0	12
17	Heme prevents amyloid beta peptide aggregation through hydrophobic interaction based on molecular dynamics simulation. Physical Chemistry Chemical Physics, 2013, 15, 14098-14106.	2.8	18
18	S100A9 induces aggregation-prone conformation in Abeta peptides: a combined experimental and simulation study. RSC Advances, 2013, 3, 24081.	3.6	9

#	ARTICLE	IF	CITATIONS
19	The Toxicity of Amyloid β Oligomers. International Journal of Molecular Sciences, 2012, 13, 7303-7327.	4.1	124
20	The Effect of Curcumin on the Stability of $A\beta$ Dimers. Journal of Physical Chemistry B, 2012, 116, 7428-7435.	2.6	92
21	Binding of blood proteins to carbon nanotubes reduces cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16968-16973.	7.1	839
22	Amyloid β Peptides Aggregation in a Mixed Membrane Bilayer: A Molecular Dynamics Study. Journal of Physical Chemistry B, 2011, 115, 12247-12256.	2.6	66
23	Explicit Soliton and Periodic Solutions to Three-Wave System with Quadratic and Cubic Nonlinearities. Communications in Theoretical Physics, 2011, 55, 676-680.	2.5	1