

Zhi Lin

List of Publications by Year in descending order

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papers

529
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759055

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31
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31
docs citations

31
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	A Structural and Functional Perspective of Death Receptor 6. <i>Frontiers in Pharmacology</i> , 2022, 13, 836614.	1.6	3
2	Structures of PKA-phospholamban complexes reveal a mechanism of familial dilated cardiomyopathy. <i>ELife</i> , 2022, 11, .	2.8	5
3	Structural Basis of Zika Virus Helicase in RNA Unwinding and ATP Hydrolysis. <i>ACS Infectious Diseases</i> , 2022, 8, 150-158.	1.8	0
4	Toxin-antitoxin systems in pathogenic <i>Vibrio</i> species: a mini review from a structure perspective. <i>3 Biotech</i> , 2022, 12, 125.	1.1	2
5	PA0575 (RmcA) interacts with other c-di-GMP metabolizing proteins in <i>Pseudomonas aeruginosa</i> and PAO1. <i>Journal of General and Applied Microbiology</i> , 2022, 68, 232-241.	0.4	1
6	Self-assembly of tubuliform spidroins driven by hydrophobic interactions among terminal domains. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1141-1148.	3.6	6
7	Structural basis of NF- κ B signaling by the p75 neurotrophin receptor interaction with adaptor protein TRADD through their respective death domains. <i>Journal of Biological Chemistry</i> , 2021, 297, 100916.	1.6	6
8	¹ H, ¹⁵ N and ¹³ C resonance assignments of a repetitive domain of tubuliform spidroin 2. <i>Biomolecular NMR Assignments</i> , 2021, 15, 475-477.	0.4	1
9	Critical role of minor eggcase silk component in promoting spidroin chain alignment and strong fiber formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	14
10	Functional roles in cell signaling of adaptor protein TRADD from a structural perspective. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2867-2876.	1.9	12
11	Characterization and analysis of a novel diguanylate cyclase PA0847 from <i>Pseudomonas aeruginosa</i> PAO1. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 655-665.	1.1	13
12	Death domain of p75 neurotrophin receptor: a structural perspective on an intracellular signalling hub. <i>Biological Reviews</i> , 2019, 94, 1282-1293.	4.7	20
13	A Small Molecule Targeting the Transmembrane Domain of Death Receptor p75NTR Induces Melanoma Cell Death and Reduces Tumor Growth. <i>Cell Chemical Biology</i> , 2018, 25, 1485-1494.e5.	2.5	20
14	From EST to novel spider silk gene identification for production of spidroin-based biomaterials. <i>Scientific Reports</i> , 2017, 7, 13354.	1.6	10
15	¹ H, ¹⁵ N and ¹³ C chemical shift assignments of the C-terminal domain of TRADD. <i>Biomolecular NMR Assignments</i> , 2017, 11, 281-284.	0.4	3
16	Structure of the C-terminal domain of TRADD reveals a novel fold in the death domain superfamily. <i>Scientific Reports</i> , 2017, 7, 7073.	1.6	10
17	NMR resonance assignments of caspase recruitment domain of RIP2 kinase. <i>Biomolecular NMR Assignments</i> , 2016, 10, 241-244.	0.4	0
18	Structural basis of death domain signaling in the p75 neurotrophin receptor. <i>ELife</i> , 2015, 4, e11692.	2.8	69

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19	Engineered Large Spider Eggcase Silk Protein for Strong Artificial Fibers. <i>Advanced Materials</i> , 2013, 25, 1216-1220.	11.1	71
20	Structural Characterization of Minor Ampullate Spidroin Domains and Their Distinct Roles in Fibroin Solubility and Fiber Formation. <i>PLoS ONE</i> , 2013, 8, e56142.	1.1	34
21	Solution structure of eggcase silk protein and its implications for silk fiber formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8906-8911.	3.3	88
22	Cell Adhesion Molecule DdCAD-1 Is Imported into Contractile Vacuoles by Membrane Invagination in a Ca ²⁺ - and Conformation-dependent Manner. <i>Journal of Biological Chemistry</i> , 2009, 284, 36377-36386.	1.6	16
23	Characterization and expression of cDNA encoding a tubuliform silk protein of the golden web spider <i>Nephila antipodiana</i> . <i>Biochimie</i> , 2006, 88, 849-858.	1.3	28
24	Solution structures of the adhesion molecule DdCAD-1 reveal new insights into Ca ²⁺ -dependent cell-cell adhesion. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 1016-1022.	3.6	30
25	Resonance Assignments of a Repeated Domain of the Egg Case Silk from <i>Nephila antipodiana</i> . <i>Journal of Biomolecular NMR</i> , 2006, 36, 17-17.	1.6	1
26	Sequence-Specific Assignment of Aromatic Resonances of Uniformly ¹³ C, ¹⁵ N-Labeled Proteins by Using ¹³ C- and ¹⁵ N-Edited NOESY Spectra. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1960-1963.	7.2	31
27	A General Strategy for the Assignment of Aliphatic Side-Chain Resonances of Uniformly ¹³ C, ¹⁵ N-Labeled Large Proteins. <i>Journal of the American Chemical Society</i> , 2005, 127, 11920-11921.	6.6	26
28	Letter to the editor: ¹ H, ¹³ C and ¹⁵ N resonance assignments of Ca ²⁺ -free DdCAD-1: A Ca ²⁺ -dependent cell-cell adhesion molecule. <i>Journal of Biomolecular NMR</i> , 2004, 30, 375-376.	1.6	8