Zhi Lin

List of Publications by Year
in descending order

28 papers	529 citations	759055 12 h-index	677027 22 g-index
31 all docs	31 docs citations	31 times ranked	554 citing authors

#	Article	IF	Citations
1	Solution structure of eggcase silk protein and its implications for silk fiber formation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8906-8911.	3.3	88
2	Engineered Large Spider Eggcase Silk Protein for Strong Artificial Fibers. Advanced Materials, 2013, 25, 1216-1220.	11.1	71
3	Structural basis of death domain signaling in the p75 neurotrophin receptor. ELife, 2015, 4, e11692.	2.8	69
4	Structural Characterization of Minor Ampullate Spidroin Domains and Their Distinct Roles in Fibroin Solubility and Fiber Formation. PLoS ONE, 2013, 8, e56142.	1.1	34
5	Sequence-Specific Assignment of Aromatic Resonances of Uniformly13C,15N-Labeled Proteins by Using13C- and15N-Edited NOESY Spectra. Angewandte Chemie - International Edition, 2006, 45, 1960-1963.	7.2	31
6	Solution structures of the adhesion molecule DdCAD-1 reveal new insights into Ca2+-dependent cell-cell adhesion. Nature Structural and Molecular Biology, 2006, 13, 1016-1022.	3.6	30
7	Characterization andÂexpression ofÂaÂcDNA encoding aÂtubuliform silk protein ofÂtheÂgolden web spider NephilaÂantipodiana. Biochimie, 2006, 88, 849-858.	1.3	28
8	A General Strategy for the Assignment of Aliphatic Side-Chain Resonances of Uniformly 13C,15N-Labeled Large Proteins. Journal of the American Chemical Society, 2005, 127, 11920-11921.	6.6	26
9	A Small Molecule Targeting the Transmembrane Domain of Death Receptor p75NTR Induces Melanoma Cell Death and Reduces Tumor Growth. Cell Chemical Biology, 2018, 25, 1485-1494.e5.	2.5	20
10	Death domain of p75 neurotrophin receptor: a structural perspective on an intracellular signalling hub. Biological Reviews, 2019, 94, 1282-1293.	4.7	20
11	Cell Adhesion Molecule DdCAD-1 Is Imported into Contractile Vacuoles by Membrane Invagination in a Ca2+- and Conformation-dependent Manner. Journal of Biological Chemistry, 2009, 284, 36377-36386.	1.6	16
12	Critical role of minor eggcase silk component in promoting spidroin chain alignment and strong fiber formation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	14
13	Characterization and analysis of a novel diguanylate cyclase PA0847 from Pseudomonas aeruginosa PAO1 . Infection and Drug Resistance, 2019, Volume 12, 655-665.	1.1	13
14	Functional roles in cell signaling of adaptor protein TRADD from a structural perspective. Computational and Structural Biotechnology Journal, 2020, 18, 2867-2876.	1.9	12
15	From EST to novel spider silk gene identification for production of spidroin-based biomaterials. Scientific Reports, 2017, 7, 13354.	1.6	10
16	Structure of the C-terminal domain of TRADD reveals a novel fold in the death domain superfamily. Scientific Reports, 2017, 7, 7073.	1.6	10
17	Letter to the editor: 1H, 13C and 15N resonance assignments of Ca2+-free DdCAD-1: A Ca2+-dependent cell-cell adhesion molecule. Journal of Biomolecular NMR, 2004, 30, 375-376.	1.6	8
18	Self-assembly of tubuliform spidroins driven by hydrophobic interactions among terminal domains. International Journal of Biological Macromolecules, 2021, 166, 1141-1148.	3.6	6

#	Article	IF	Citations
19	Structural basis of NF-Î²B signaling by the p75 neurotrophin receptor interaction with adaptor protein TRADD through their respective death domains. Journal of Biological Chemistry, 2021, 297, 100916.	1.6	6
20	Structures of PKAâ€“phospholamban complexes reveal a mechanism of familial dilated cardiomyopathy. ELife, 2022, 11, .	2.8	5
21	1H, 15N and 13C chemical shift assignments of the C-terminal domain of TRADD. Biomolecular NMR Assignments, 2017, 11, 281-284.	0.4	3
22	A Structural and Functional Perspective of Death Receptor 6. Frontiers in Pharmacology, 2022, 13, 836614.	1.6	3
23	Toxinâ€“antitoxin systems in pathogenic Vibrio species: a mini review from a structure perspective. 3 Biotech, 2022, 12, 125.	1.1	2
24	Resonance Assignments of a Repeated Domain of the Egg Case Silk from Nephila Antipodiana. Journal of Biomolecular NMR, 2006, 36, 17-17.	1.6	1
25	1H, 15N and 13C resonance assignments of a repetitive domain of tubuliform spidroin 2. Biomolecular NMR Assignments, 2021, 15, 475-477.	0.4	1
26	PA0575 (RmcA) interacts with other c-di-GMP metabolizing proteins in <i>Pseudomonas aeruginosa </i>PAO1. Journal of General and Applied Microbiology, 2022, 68, 232-241.	0.4	1
27	NMR resonance assignments of caspase recruitment domain of RIP2 kinase. Biomolecular NMR Assignments, 2016, 10, 241-244.	0.4	0
28	Structural Basis of Zika Virus Helicase in RNA Unwinding and ATP Hydrolysis. ACS Infectious Diseases, 2022, 8, 150-158.	1.8	0