Yonghong Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5891939/publications.pdf

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23	621	933447 10	677142 22
papers	citations	h-index	g-index

23	23	23	1115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Practical protocols for production of very high yields of recombinant proteins using Escherichia coli. Protein Science, 2009, 18, 936-948.	7.6	257
2	Capping of the N-terminus of PSD-95 by calmodulin triggers its postsynaptic release. EMBO Journal, 2014, 33, 1341-53.	7.8	64
3	Î±-Actinin Anchors PSD-95 at Postsynaptic Sites. Neuron, 2018, 97, 1094-1109.e9.	8.1	53
4	Optimization of RGD-Containing Cyclic Peptides against Î±vÎ²3 Integrin. Molecular Cancer Therapeutics, 2016, 15, 232-240.	4.1	40
5	Structural Basis for Ca2+-induced Activation and Dimerization of Estrogen Receptor Î± by Calmodulin. Journal of Biological Chemistry, 2012, 287, 9336-9344.	3.4	38
6	Ca ²⁺ /calmodulin binding to <scp>PSD</scp> â€95 mediates homeostatic synaptic scaling down. EMBO Journal, 2018, 37, 122-138.	7.8	36
7	Niclosamide induces protein ubiquitination and inhibits multiple pro-survival signaling pathways in the human glioblastoma U-87 MG cell line. PLoS ONE, 2017, 12, e0184324.	2.5	32
8	Structural Basis for Sequence Specific DNA Binding and Protein Dimerization of HOXA13. PLoS ONE, 2011, 6, e23069.	2.5	29
9	Calmodulin Lobes Facilitate Dimerization and Activation of Estrogen Receptor-Î±. Journal of Biological Chemistry, 2017, 292, 4614-4622.	3.4	19
10	Thermal safety and performances analysis of gel polymer electrolytes synthesized by in situ polymerization for Li-ion battery. Journal of Solid State Electrochemistry, 2021, 25, 2021-2032.	2.5	10
11	Mastering high ion conducting of room-temperature all-solid-state lithium-ion batteries via safe phthaloyl starch-poly(vinylidene fluoride)â€“based polymer electrolyte. Ionics, 2020, 26, 1109-1117.	2.4	7
12	1H, 13C and 15N resonance assignments and secondary structure analysis of translation initiation factor 1 from Pseudomonas aeruginosa. Biomolecular NMR Assignments, 2016, 10, 249-252.	0.8	5
13	Structureâ€“Activity Relationship of RGD-Containing Cyclic Octapeptide and Î±vÎ²3 Integrin Allows for Rapid Identification of a New Peptide Antagonist. International Journal of Molecular Sciences, 2020, 21, 3076.	4.1	5
14	1H, 15N, and 13C chemical shift assignments of mouse HOXA13 DNA binding domain. Biomolecular NMR Assignments, 2009, 3, 199-201.	0.8	4
15	Backbone chemical shift assignments of mouse HOXA13 DNA binding domain bound to duplex DNA. Biomolecular NMR Assignments, 2010, 4, 97-99.	0.8	4
16	Solution structure of protein synthesis initiation factor 1 from Pseudomonas aeruginosa. Protein Science, 2016, 25, 2290-2296.	7.6	4
17	Chemical shift assignments of mouse HOXD13 DNA binding domain bound to duplex DNA. Biomolecular NMR Assignments, 2015, 9, 267-270.	0.8	3
18	Rational Design of an Antimicrobial Peptide Based on Structural Insight into the Interaction of Pseudomonas aeruginosa Initiation Factor 1 with Its Cognate 30S Ribosomal Subunit. ACS Infectious Diseases, 2021, 7, 3161-3167.	3.8	3

#	Article	IF	Citations
19	1H, 13C and 15N resonance assignments and structure prediction of translation initiation factor 1 from Clostridium difficile. Biomolecular NMR Assignments, 2019, 13, 91-95.	0.8	2
20	Chemical shift assignments of the N-terminal domain of PSD95 (PSD95-NT). Biomolecular NMR Assignments, 2021, 15, 347-350.	0.8	2
21	Zincâ€chelating postsynaptic densityâ€95 Nâ€terminus impairs its palmitoyl modification. Protein Science, 2021, 30, 2246-2257.	7.6	2
22	Molecular Insights of SARS-CoV-2 Infection and Molecular Treatments. Current Molecular Medicine, 2022, 22, 621-639.	1.3	2
23	1H, 13C and 15N resonance assignments of translation initiation factor 3 from Pseudomonas aeruginosa. Biomolecular NMR Assignments, 2020, 14, 93-97.	0.8	0