

# Yonghong Zhang

## List of Publications by Year in descending order

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

Version: 2024-02-01

23  
papers

621  
citations

933447

10  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Insights of SARS-CoV-2 Infection and Molecular Treatments. <i>Current Molecular Medicine</i> , 2022, 22, 621-639.	1.3	2
2	Chemical shift assignments of the N-terminal domain of PSD95 (PSD95-NT). <i>Biomolecular NMR Assignments</i> , 2021, 15, 347-350.	0.8	2
3	Thermal safety and performances analysis of gel polymer electrolytes synthesized by in situ polymerization for Li-ion battery. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 2021-2032.	2.5	10
4	Zinc-chelating postsynaptic density-95 N-terminus impairs its palmitoyl modification. <i>Protein Science</i> , 2021, 30, 2246-2257.	7.6	2
5	Rational Design of an Antimicrobial Peptide Based on Structural Insight into the Interaction of <i>Pseudomonas aeruginosa</i> Initiation Factor 1 with Its Cognate 30S Ribosomal Subunit. <i>ACS Infectious Diseases</i> , 2021, 7, 3161-3167.	3.8	3
6	Mastering high ion conducting of room-temperature all-solid-state lithium-ion batteries via safe phthaloyl starch-poly(vinylidene fluoride)-based polymer electrolyte. <i>Ionics</i> , 2020, 26, 1109-1117.	2.4	7
7	Structure-Activity Relationship of RGD-Containing Cyclic Octapeptide and $\alpha_3\beta_1$ Integrin Allows for Rapid Identification of a New Peptide Antagonist. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3076.	4.1	5
8	$^1\text{H}$ , $^{13}\text{C}$ and $^{15}\text{N}$ resonance assignments of translation initiation factor 3 from <i>Pseudomonas aeruginosa</i> . <i>Biomolecular NMR Assignments</i> , 2020, 14, 93-97.	0.8	0
9	$^1\text{H}$ , $^{13}\text{C}$ and $^{15}\text{N}$ resonance assignments and structure prediction of translation initiation factor 1 from <i>Clostridium difficile</i> . <i>Biomolecular NMR Assignments</i> , 2019, 13, 91-95.	0.8	2
10	$\alpha$ -Actinin Anchors PSD-95 at Postsynaptic Sites. <i>Neuron</i> , 2018, 97, 1094-1109.e9.	8.1	53
11	$\text{Ca}^{2+}$ /calmodulin binding to PSD-95 mediates homeostatic synaptic scaling down. <i>EMBO Journal</i> , 2018, 37, 122-138.	7.8	36
12	Calmodulin Lobes Facilitate Dimerization and Activation of Estrogen Receptor- $\alpha$ . <i>Journal of Biological Chemistry</i> , 2017, 292, 4614-4622.	3.4	19
13	Nicosamide induces protein ubiquitination and inhibits multiple pro-survival signaling pathways in the human glioblastoma U-87 MG cell line. <i>PLoS ONE</i> , 2017, 12, e0184324.	2.5	32
14	Solution structure of protein synthesis initiation factor 1 from <i>Pseudomonas aeruginosa</i> . <i>Protein Science</i> , 2016, 25, 2290-2296.	7.6	4
15	$^1\text{H}$ , $^{13}\text{C}$ and $^{15}\text{N}$ resonance assignments and secondary structure analysis of translation initiation factor 1 from <i>Pseudomonas aeruginosa</i> . <i>Biomolecular NMR Assignments</i> , 2016, 10, 249-252.	0.8	5
16	Optimization of RGD-Containing Cyclic Peptides against $\alpha_3\beta_1$ Integrin. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 232-240.	4.1	40
17	Chemical shift assignments of mouse HOXD13 DNA binding domain bound to duplex DNA. <i>Biomolecular NMR Assignments</i> , 2015, 9, 267-270.	0.8	3
18	Capping of the N-terminus of PSD-95 by calmodulin triggers its postsynaptic release. <i>EMBO Journal</i> , 2014, 33, 1341-53.	7.8	64

#	ARTICLE	IF	CITATIONS
19	Structural Basis for Ca <sup>2+</sup> -induced Activation and Dimerization of Estrogen Receptor $\hat{\pm}$ by Calmodulin. Journal of Biological Chemistry, 2012, 287, 9336-9344.	3.4	38
20	Structural Basis for Sequence Specific DNA Binding and Protein Dimerization of HOXA13. PLoS ONE, 2011, 6, e23069.	2.5	29
21	Backbone chemical shift assignments of mouse HOXA13 DNA binding domain bound to duplex DNA. Biomolecular NMR Assignments, 2010, 4, 97-99.	0.8	4
22	<sup>1</sup> H, <sup>15</sup> N, and <sup>13</sup> C chemical shift assignments of mouse HOXA13 DNA binding domain. Biomolecular NMR Assignments, 2009, 3, 199-201.	0.8	4
23	Practical protocols for production of very high yields of recombinant proteins using <i>Escherichia coli</i> . Protein Science, 2009, 18, 936-948.	7.6	257