

# Shengnan Zhang

## List of Publications by Year in descending order

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15  
papers

529  
citations

687363

13  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hsp27 chaperones FUS phase separation under the modulation of stress-induced phosphorylation. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 363-372.	8.2	117
2	Hsp40 proteins phase separate to chaperone the assembly and maintenance of membraneless organelles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31123-31133.	7.1	66
3	Mechanistic basis for receptor-mediated pathological $\hat{I}\pm$ -synuclein fibril cell-to-cell transmission in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	59
4	Mechanistic insights into the switch of $\hat{I}\pm$ B-crystallin chaperone activity and self-multimerization. <i>Journal of Biological Chemistry</i> , 2018, 293, 14880-14890.	3.4	41
5	Different Heat Shock Proteins Bind $\hat{I}\pm$ -Synuclein With Distinct Mechanisms and Synergistically Prevent Its Amyloid Aggregation. <i>Frontiers in Neuroscience</i> , 2019, 13, 1124.	2.8	35
6	Structural basis of the interplay between $\hat{I}\pm$ -synuclein and Tau in regulating pathological amyloid aggregation. <i>Journal of Biological Chemistry</i> , 2020, 295, 7470-7480.	3.4	34
7	Different regions of synaptic vesicle membrane regulate VAMP2 conformation for the SNARE assembly. <i>Nature Communications</i> , 2020, 11, 1531.	12.8	30
8	Hsp70 chaperones TDP-43 in dynamic, liquid-like phase and prevents it from amyloid aggregation. <i>Cell Research</i> , 2021, 31, 1024-1027.	12.0	30
9	Heat shock protein 104 (HSP104) chaperones soluble Tau via a mechanism distinct from its disaggregase activity. <i>Journal of Biological Chemistry</i> , 2019, 294, 4956-4965.	3.4	28
10	In-Cell NMR Study of Tau and MARK2 Phosphorylated Tau. <i>International Journal of Molecular Sciences</i> , 2019, 20, 90.	4.1	22
11	A novel partially open state of SHP2 points to a "multiple gear" regulation mechanism. <i>Journal of Biological Chemistry</i> , 2021, 296, 100538.	3.4	18
12	Nicotinamide mononucleotide adenylyltransferase uses its NAD <sup>+</sup> substrate-binding site to chaperone phosphorylated Tau. <i>ELife</i> , 2020, 9, .	6.0	18
13	A Structural View of $\hat{I}\pm$ B-crystallin Assembly and Amyloid Aggregation. <i>Protein and Peptide Letters</i> , 2017, 24, 315-321.	0.9	15
14	SARS-CoV-2 impairs the disassembly of stress granules and promotes ALS-associated amyloid aggregation. <i>Protein and Cell</i> , 2022, 13, 602-614.	11.0	15
15	The mouse nicotinamide mononucleotide adenylyltransferase chaperones diverse pathological amyloid client proteins. <i>Journal of Biological Chemistry</i> , 2022, 298, 101912.	3.4	1