

# Chunyu Zhao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mechanistic basis for receptor-mediated pathological $\alpha$ -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
2	Parkinson's disease-related phosphorylation at Tyr39 rearranges $\alpha$ -synuclein amyloid fibril structure revealed by cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20305-20315.	7.1	113
3	Parkinson's disease associated mutation E46K of $\alpha$ -synuclein triggers the formation of a distinct fibril structure. <i>Nature Communications</i> , 2020, 11, 2643.	12.8	76
4	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
5	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
6	Amyloid fibril structure of $\alpha$ -synuclein determined by cryo-electron microscopy. <i>Cell Research</i> , 2018, 28, 897-903.	12.0	339
7	Mechanistic insights into the switch of $\alpha$ -crystallin chaperone activity and self-multimerization. <i>Journal of Biological Chemistry</i> , 2018, 293, 14880-14890.	3.4	41
8	N-Terminal Acetylation Preserves $\alpha$ -Synuclein from Oligomerization by Blocking Intermolecular Hydrogen Bonds. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2145-2151.	3.5	52
9	Versatile Structures of $\alpha$ -Synuclein. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 48.	2.9	92