

# Ziao Fu

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

901  
citations

567281

15  
h-index

752698

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1638  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and activity of lipid bilayer within a membrane-protein transporter. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12985-12990.	7.1	119
2	A Fast and Effective Microfluidic Spraying-Plunging Method for High-Resolution Single-Particle Cryo-EM. Structure, 2017, 25, 663-670.e3.	3.3	112
3	Late steps in bacterial translation initiation visualized using time-resolved cryo-EM. Nature, 2019, 570, 400-404.	27.8	103
4	Capping of A $\beta$ 242 Oligomers by Small Molecule Inhibitors. Biochemistry, 2014, 53, 7893-7903.	2.5	70
5	Mechanism of Nucleated Conformational Conversion of A $\beta$ 242. Biochemistry, 2015, 54, 4197-4207.	2.5	68
6	Key Intermediates in Ribosome Recycling Visualized by Time-Resolved Cryoelectron Microscopy. Structure, 2016, 24, 2092-2101.	3.3	68
7	Structure of human GABAB receptor in an inactive state. Nature, 2020, 584, 304-309.	27.8	59
8	The structural basis for release-factor activation during translation termination revealed by time-resolved cryogenic electron microscopy. Nature Communications, 2019, 10, 2579.	12.8	43
9	Conformational Changes Induced by the A21G Flemish Mutation in the Amyloid Precursor Protein Lead to Increased A $\beta$ 2 Production. Structure, 2014, 22, 387-396.	3.3	40
10	Mechanism of ligand activation of a eukaryotic cyclic nucleotide-gated channel. Nature Structural and Molecular Biology, 2020, 27, 625-634.	8.2	40
11	Time-Resolved Cryo-electron Microscopy Using a Microfluidic Chip. Methods in Molecular Biology, 2018, 1764, 59-71.	0.9	39
12	Cerebral vascular amyloid seeds drive amyloid $\beta$ -protein fibril assembly with a distinct anti-parallel structure. Nature Communications, 2016, 7, 13527.	12.8	28
13	Structural and functional characterization of the bestrophin-2 anion channel. Nature Structural and Molecular Biology, 2020, 27, 382-391.	8.2	25
14	Symmetric activation and modulation of the human calcium-sensing receptor. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
15	Early-onset Formation of Parenchymal Plaque Amyloid Abrogates Cerebral Microvascular Amyloid Accumulation in Transgenic Mice. Journal of Biological Chemistry, 2014, 289, 17895-17908.	3.4	17
16	Combination of supercritical fluid extraction with counter-current chromatography to isolate anthocyanidins from the petals of <i>Chaenomeles sinensis</i> based on mathematical calculations. Journal of Separation Science, 2013, 36, 3517-3526.	2.5	14
17	Pressurized liquid extraction coupled with countercurrent chromatography for systematic isolation of chemical constituents by preprogrammed automatic control. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 935, 16-25.	2.3	11
18	Anti-Parallel $\beta$ -Hairpin Structure in Soluble A $\beta$ 2 Oligomers of A $\beta$ 240-Dutch and A $\beta$ 240-Iowa. International Journal of Molecular Sciences, 2021, 22, 1225.	4.1	8

#	ARTICLE	IF	CITATIONS
19	An unusual two-fold interpenetrating polyrotaxane motif comprised of two interlocked sets of identical diamond nets. <i>Journal of Molecular Structure</i> , 2013, 1038, 8-11.	3.6	4
20	The Structural Basis for Initiation Factor 2 Activation during Translation Initiation. <i>Biophysical Journal</i> , 2018, 114, 593a.	0.5	0
21	Single-Particle Cryo-Electron Microscopy. , 2019, , 255-255.		0