Ziao Fu

List of Publications by Year
in descending order

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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	Anti-Parallel Î²-Hairpin Structure in Soluble AÎ²42 Oligomers of AÎ²40-Dutch and AÎ²40-Iowa. International Journal of Molecular Sciences, 2021, 22, 1225.	4.1	8
2	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
3	Mechanism of ligand activation of a eukaryotic cyclic nucleotideâ˜gated channel. Nature Structural and Molecular Biology, 2020, 27, 625-634.	8.2	40
4	Structure of human GABAB receptor in an inactive state. Nature, 2020, 584, 304-309.	27.8	59
5	Structural and functional characterization of the bestrophin-2 anion channel. Nature Structural and Molecular Biology, 2020, 27, 382-391.	8.2	25
6	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
7	Late steps in bacterial translation initiation visualized using time-resolved cryo-EM. Nature, 2019, 570, 400-404.	27.8	103
8	Single-Particle Cryo-Electron Microscopy. , 2019, , 255-255.		0
9	Time-Resolved Cryo-electron Microscopy Using a Microfluidic Chip. Methods in Molecular Biology, 2018, 1764, 59-71.	0.9	39
10	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
11	The Structural Basis for Initiation Factor 2 Activation during Translation Initiation. Biophysical Journal, 2018, 114, 593a.	0.5	0
12	A Fast and Effective Microfluidic Spraying-Plunging Method for High-Resolution Single-Particle Cryo-EM. Structure, 2017, 25, 663-670.e3.	3.3	112
13	Cerebral vascular amyloid seeds drive amyloid Î²-protein fibril assembly with a distinct anti-parallel structure. Nature Communications, 2016, 7, 13527.	12.8	28
14	Key Intermediates in Ribosome Recycling Visualized by Time-Resolved Cryoelectron Microscopy. Structure, 2016, 24, 2092-2101.	3.3	68
15	Mechanism of Nucleated Conformational Conversion of AÎ²42. Biochemistry, 2015, 54, 4197-4207.	2.5	68
16	Capping of AÎ²42 Oligomers by Small Molecule Inhibitors. Biochemistry, 2014, 53, 7893-7903.	2.5	70
17	Conformational Changes Induced by the A21G Flemish Mutation in the Amyloid Precursor Protein Lead to Increased AÎ² Production. Structure, 2014, 22, 387-396.	3.3	40
18	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

#	Article	IF	Citations
19	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
20	An unusual two-fold interpenetrating polyrotaxane motif comprised of two interlocked sets of identical diamond nets. Journal of Molecular Structure, 2013, 1038, 8-11.	3.6	4
21	Combination of supercritical fluid extraction with counter-current chromatography to isolate anthocyanidins from the petals of Chaenomeles sinensis based on mathematical calculations. Journal of Separation Science, 2013, 36, 3517-3526.	2.5	14