Jin Zhang

List of Publications by Year
in descending order

20 papers	1,250 citations	687363 13 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	1751 citing authors

#	Article	IF	Citations
1	Structure-Based Discovery and Structural Basis of a Novel Broad-Spectrum Natural Product against the Main Protease of Coronavirus. Journal of Virology, 2022, 96, JVI0125321.	3.4	20
2	Crystal structure of SARS-CoV 3C-like protease with baicalein. Biochemical and Biophysical Research Communications, 2022, 611, 190-194.	2.1	10
3	Crystal structure of SARS-CoV-2 main protease in complex with the natural product inhibitor shikonin illuminates a unique binding mode. Science Bulletin, 2021, 66, 661-663.	9.0	41
4	Structure of SARS-CoV-2 main protease in the apo state. Science China Life Sciences, 2021, 64, 656-659.	4.9	15
5	Crystal structures of human coronavirus NL63 main protease at different pH values. Acta Crystallographica Section F, Structural Biology Communications, 2021, 77, 348-355.	0.8	3
6	Cryo-EM structure of TRPC5 at 2.8-Ã... resolution reveals unique and conserved structural elements essential for channel function. Science Advances, 2019, 5, eaaw7935.	10.3	69
7	Analysis of 1-Deoxysphingoid Bases and Their N-Acyl Metabolites and Exploration of Their Occurrence in Some Food Materials. Journal of Agricultural and Food Chemistry, 2019, 67, 12953-12961.	5.2	11
8	The structure of TRPC ion channels. Cell Calcium, 2019, 80, 25-28.	2.4	26
9	Emerging structural biology of TRPM subfamily channels. Cell Calcium, 2019, 79, 75-79.	2.4	4
10	Structure of full-length human TRPM4. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2377-2382.	7.1	77
11	Structure of the mouse TRPC4 ion channel. Nature Communications, 2018, 9, 3102.	12.8	101
12	Structure of the mammalian TRPM7, a magnesium channel required during embryonic development. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8201-E8210.	7.1	101
13	TRPM7 senses oxidative stress to release Zn ²⁺ from unique intracellular vesicles. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6079-E6088.	7.1	89
14	Dietary Cerebroside from Sea Cucumber (Stichopus japonicus): Absorption and Effects on Skin Barrier and Cecal Short-Chain Fatty Acids. Journal of Agricultural and Food Chemistry, 2016, 64, 7014-7021.	5.2	21
15	Structure of the human P2Y12 receptor in complex with an antithrombotic drug. Nature, 2014, 509, 115-118.	27.8	330
16	Agonist-bound structure of the human P2Y12 receptor. Nature, 2014, 509, 119-122.	27.8	279
17	Crystal structure of deltarhodopsinâ€3 from Haloterrigena thermotolerans. Proteins: Structure, Function and Bioinformatics, 2013, 81, 1585-1592.	2.6	19
18	Crystal structure of the O intermediate of the Leu93â†'Ala mutant of bacteriorhodopsin. Proteins: Structure, Function and Bioinformatics, 2012, 80, 2384-2396.	2.6	25

#	Article	IF	Citations
19	3P246 X-ray crystallographic study on the functional role of Leu93 in bacteriorhodopsin(Biol & Artifi) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50, S188.	0.1	0
20	3P245 X-ray Crystallographic studies of the Light-Driven Chloride Pump Halorhodopsin from Natronomonas pharaonis(Biol & Artifi memb.: Transport,The 48th Annual Meeting of the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697	0.1	0