

Jin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

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

#	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 50 697 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	0.0	0