

# Jin Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

6,167  
citations

933447

10  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

13724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the SARS-CoV-2 spike receptor-binding domain bound to the ACE2 receptor. <i>Nature</i> , 2020, 581, 215-220.	27.8	4,948
2	Development of an Inactivated Vaccine Candidate, BBIBP-CoV, with Potent Protection against SARS-CoV-2. <i>Cell</i> , 2020, 182, 713-721.e9.	28.9	639
3	Upgrade of macromolecular crystallography beamline BL17U1 at SSRF. <i>Nuclear Science and Techniques/Hewuli</i> , 2018, 29, 1.	3.4	221
4	A SARS-CoV-2 neutralizing antibody with extensive Spike binding coverage and modified for optimal therapeutic outcomes. <i>Nature Communications</i> , 2021, 12, 2623.	12.8	64
5	Automatic crystal centring procedure at the SSRF macromolecular crystallography beamline. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 1323-1332.	2.4	61
6	Structural Insights into the Pharmacophore of Vinca Domain Inhibitors of Microtubules. <i>Molecular Pharmacology</i> , 2016, 89, 233-242.	2.3	61
7	<i>Aquarium</i> : an automatic data-processing and experiment information management system for biological macromolecular crystallography beamlines. <i>Journal of Applied Crystallography</i> , 2019, 52, 472-477.	4.5	49
8	Screening of potent neutralizing antibodies against SARS-CoV-2 using convalescent patients-derived phage-display libraries. <i>Cell Discovery</i> , 2021, 7, 57.	6.7	28
9	Crystal structure and enantioselectivity of terpene cyclization in SAM-dependent methyltransferase TleD. <i>Biochemical Journal</i> , 2016, 473, 4385-4397.	3.7	18
10	A novel sample delivery system based on circular motion for <i>in situ</i> serial synchrotron crystallography. <i>Lab on A Chip</i> , 2020, 20, 3888-3898.	6.0	10
11	Autophagy changes in lung tissues of mice at 30 days after carbon black metal ion exposure. <i>Cell Proliferation</i> , 2020, 53, e12813.	5.3	10
12	Mini-beam modes on standard MX beamline BL17U at SSRF. <i>Review of Scientific Instruments</i> , 2017, 88, 073301.	1.3	7
13	Protein Crystal Instance Segmentation Based on Mask R-CNN. <i>Crystals</i> , 2021, 11, 157.	2.2	7
14	Crystal structure details of <i>Vibrio fischeri</i> DarR and mutant DarR-M202I from LTTR family reveals their activation mechanism. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 2354-2363.	7.5	5
15	Anti-NSCLC activity in vitro of Hsp90N inhibitor KW-2478 and complex crystal structure determination of Hsp90N-KW-2478. <i>Journal of Structural Biology</i> , 2021, 213, 107710.	2.8	4
16	New design for multi-crystal data collection at SSRF. <i>Nuclear Science and Techniques/Hewuli</i> , 2018, 29, 1.	3.4	3
17	Design of new sub-micron protein crystallography beamline at SSRF. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3
18	Microplates for Crystal Growth and in situ Data Collection at a Synchrotron Beamline. <i>Crystals</i> , 2020, 10, 798.	2.2	3

#	ARTICLE	IF	CITATIONS
19	Structure and Function of Piezophilic Hyperthermophilic <i>Pyrococcus yayanosii</i> pApase. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7159.	4.1	3
20	Novel combined crystallization plate for high-throughput crystal screening and <i>in situ</i> data collection at a crystallography beamline. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2021, 77, 319-327.	0.8	1
21	Structural Study of the Complex of cbIC Methylmalonic Aciduria and Homocystinuria-Related Protein MMACHC with Cyanocobalamin. <i>Crystals</i> , 2022, 12, 468.	2.2	1
22	The crystal structure of MreC provides insights into polymer formation. <i>FEBS Open Bio</i> , 2021, , .	2.3	0
23	Crystal structures of TTHA1265 and TTHA1264/TTHA1265 complex reveal an intrinsic heterodimeric assembly. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 424-433.	7.5	0
24	Translesion synthesis of apurinic/apyrimidic site analogues by Y-family DNA polymerase Dbh from <i>Sulfolobus acidocaldarius</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2022, , .	2.0	0