

# Jianhua He

## List of Publications by Year in descending order

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37  
papers

695  
citations

759233

12  
h-index

580821

25  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1519  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	The crystal structure of MreC provides insights into polymer formation. <i>FEBS Open Bio</i> , 2021, , .	2.3	0
7	Crystal structure of mature myroilysin and implication for its activation mechanism. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1556-1564.	7.5	2
8	Microplates for Crystal Growth and <i>in situ</i> Data Collection at a Synchrotron Beamline. <i>Crystals</i> , 2020, 10, 798.	2.2	3
9	Pyrethroid Carboxylesterase PytH from <i>Sphingobium faniae</i> JZ-2: Structure and Catalytic Mechanism. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	25
10	Large conformation shifts of <i>Vibrio cholerae</i> VqmA dimer in the absence of target DNA provide insight into DNA-binding mechanisms of LuxR-type receptors. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 399-405.	2.1	9
11	Crystal structures of phage NrS-1 N300-dNTPs-Mg <sup>2+</sup> complex provide molecular mechanisms for substrate specificity. <i>Biochemical and Biophysical Research Communications</i> , 2019, 515, 551-557.	2.1	6
12	Structural basis for reversible amyloids of hnRNPA1 elucidates their role in stress granule assembly. <i>Nature Communications</i> , 2019, 10, 2006.	12.8	157
13	Design of new sub-micron protein crystallography beamline at SSRF. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3
14	Crystal structure and biochemical studies of the bifunctional DNA primase-polymerase from phage NrS-1. <i>Biochemical and Biophysical Research Communications</i> , 2019, 510, 573-579.	2.1	9
15	Crystal structure of the <i>Vibrio cholerae</i> VqmA ligand-DNA complex provides insight into ligand-binding mechanisms relevant for drug design. <i>Journal of Biological Chemistry</i> , 2019, 294, 2580-5171.	3.4	18
16	Crystal structure of the periplasmic domain of TssL, a key membrane component of Type VI secretion system. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1474-1479.	7.5	3
17	Crystal structures of the kinase domain of PpkA, a key regulatory component of T6SS, reveal a general inhibitory mechanism. <i>Biochemical Journal</i> , 2018, 475, 2209-2224.	3.7	5
18	Myroilysin Is a New Bacterial Member of the M12A Family of Metzincin Metallopeptidases and Is Activated by a Cysteine Switch Mechanism. <i>Journal of Biological Chemistry</i> , 2017, 292, 5195-5206.	3.4	11

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19	Structural and mechanistic insights into the biosynthesis of CDP-archaeol in membranes. <i>Cell Research</i> , 2017, 27, 1378-1391.	12.0	10
20	Mini-beam modes on standard MX beamline BL17U at SSRF. <i>Review of Scientific Instruments</i> , 2017, 88, 073301.	1.3	7
21	Automatic crystal centring procedure at the SSRF macromolecular crystallography beamline. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 1323-1332.	2.4	61
22	Molecular determinants of human neutralizing antibodies isolated from a patient infected with Zika virus. <i>Science Translational Medicine</i> , 2016, 8, 369ra179.	12.4	194
23	Crystal Structure and Function of PqqF Protein in the Pyrroloquinoline Quinone Biosynthetic Pathway. <i>Journal of Biological Chemistry</i> , 2016, 291, 15575-15587.	3.4	23
24	Structural insight into the cooperation of chloroplast chaperonin subunits. <i>BMC Biology</i> , 2016, 14, 29.	3.8	21
25	Crystal structure and enantioselectivity of terpene cyclization in SAM-dependent methyltransferase TleD. <i>Biochemical Journal</i> , 2016, 473, 4385-4397.	3.7	18
26	Functional Partition of Cpn60 <sup>±</sup> and Cpn60 <sup>2</sup> Subunits in Substrate Recognition and Cooperation with Co-chaperonins. <i>Molecular Plant</i> , 2016, 9, 1210-1213.	8.3	8
27	Status of the crystallography beamlines at SSRF. <i>European Physical Journal Plus</i> , 2015, 130, 1.	2.6	4
28	Expression, crystallization and preliminary crystallographic data analysis of VioD, a hydroxylase in the violacein-biosynthesis pathway. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 149-152.	0.8	6
29	Shanghai synchrotron radiation facility. <i>National Science Review</i> , 2014, 1, 171-172.	9.5	17
30	Recognition of outer membrane proteins using adaptive neuro-fuzzy inference systems. , 2014, , .		0
31	Crystal structure of the catalytic domain of PigE: A transaminase involved in the biosynthesis of 2-methyl-3-n-amylyl-pyrrole (MAP) from <i>Serratia</i> sp. FS14. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 178-183.	2.1	12
32	Discovery of potent N-(isoxazol-5-yl)amides as HSP90 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 765-781.	5.5	33
33	Expression, crystallization and preliminary crystallographic data analysis of PigI, a putative <i>l</i> -prolyl-AMP ligase from the prodigiosin synthetic pathway in <i>Serratia</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 624-627.	0.8	2
34	Identification of a new series of potent diphenol HSP90 inhibitors by fragment merging and structure-based optimization. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2525-2529.	2.2	16
35	Synchrotron Radiation Facilities in China. <i>Synchrotron Radiation News</i> , 2009, 22, 17-22.	0.8	0
36	SSRF in Full Commissioning. <i>Synchrotron Radiation News</i> , 2008, 21, 20-23.	0.8	0

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37	PEPTIDE NANOFILAMENTS USED FOR REPLICA-MOLDING: A COMBINATION OF "BOTTOM-UP" AND "TOP-DOWN". Surface Review and Letters, 2007, 14, 301-307.	1.1	3