

Huijong Han

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,552
citations

471477

17
h-index

580810

25
g-index

32
all docs

32
docs citations

32
times ranked

2643
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printed devices and infrastructure for liquid sample delivery at the European XFEL. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 331-346.	2.4	22
2	Hydrazones and Thiosemicarbazones Targeting Protein-Protein-Interactions of SARS-CoV-2 Papain-like Protease. <i>Frontiers in Chemistry</i> , 2022, 10, 832431.	3.6	5
3	The XBI BioLab for life science experiments at the European XFEL. <i>Journal of Applied Crystallography</i> , 2021, 54, 7-21.	4.5	23
4	X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. <i>Science</i> , 2021, 372, 642-646.	12.6	240
5	Atomic view into Plasmodium actin polymerization, ATP hydrolysis, and fragmentation. <i>PLoS Biology</i> , 2019, 17, e3000315.	5.6	21
6	Molecular structure and function of myelin protein PO in membrane stacking. <i>Scientific Reports</i> , 2019, 9, 642.	3.3	41
7	Flexibility of the Myelin Scaffolding Protein Periaxin. <i>Biophysical Journal</i> , 2018, 114, 407a.	0.5	0
8	Crystallographic anomalous diffraction data for the experimental phasing of two myelin proteins, gliomedin and periaxin. <i>Data in Brief</i> , 2017, 11, 552-556.	1.0	0
9	An Apicomplexan Actin-Binding Protein Serves as a Connector and Lipid Sensor to Coordinate Motility and Invasion. <i>Cell Host and Microbe</i> , 2016, 20, 731-743.	11.0	107
10	The Olfactomedin Domain from Gliomedin Is a \hat{I}^2 -Propeller with Unique Structural Properties. <i>Journal of Biological Chemistry</i> , 2015, 290, 3612-3621.	3.4	19
11	Periaxin and AHNK Nucleoprotein 2 Form Intertwined Homodimers through Domain Swapping. <i>Journal of Biological Chemistry</i> , 2014, 289, 14121-14131.	3.4	30
12	Expression, purification, crystallization and preliminary X-ray crystallographic analysis of the extracellular olfactomedin domain of gliomedin. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1536-1539.	0.8	2
13	Myelin-specific proteins: A structurally diverse group of membrane-interacting molecules. <i>BioFactors</i> , 2013, 39, 233-241.	5.4	70
14	Crystallographic Analysis of the Reaction Cycle of $2\text{-}\epsilon^2,3\text{-}\epsilon^2$ -Cyclic Nucleotide $3\text{-}\epsilon^2$ -Phosphodiesterase, a Unique Member of the 2H Phosphoesterase Family. <i>Journal of Molecular Biology</i> , 2013, 425, 4307-4322.	4.2	16
15	Membrane Interactions, Intrinsic Disorder, and Unknown Functions of Myelin Proteins. <i>Biophysical Journal</i> , 2013, 104, 548a.	0.5	0
16	Development of Highly Potent and Selective Diaminotiazole Inhibitors of Cyclin-Dependent Kinases. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3768-3782.	6.4	73
17	Preliminary crystallographic analysis of the N-terminal PDZ-like domain of periaxin, an abundant peripheral nerve protein linked to human neuropathies. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 804-808.	0.7	2
18	Functional Consequence of Covalent Reaction of Phosphoenolpyruvate with UDP-N-acetylglucosamine 1-Carboxyvinyltransferase (MurA). <i>Journal of Biological Chemistry</i> , 2012, 287, 12657-12667.	3.4	50

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19	Myelin 2',3'-Cyclic Nucleotide 3'-Phosphodiesterase: Active-Site Ligand Binding and Molecular Conformation. PLoS ONE, 2012, 7, e32336.	2.5	31
20	Discovery of a Potential Allosteric Ligand Binding Site in CDK2. ACS Chemical Biology, 2011, 6, 492-501.	3.4	151
21	The Fungal Product Terreic Acid Is a Covalent Inhibitor of the Bacterial Cell Wall Biosynthetic Enzyme UDP-N-Acetylglucosamine 1-Carboxyvinyltransferase (MurA). Biochemistry, 2010, 49, 4276-4282.	2.5	50
22	Structural Basis of Glyphosate Resistance Resulting from the Double Mutation Thr97 → Ile and Pro101 → Ser in 5-Enolpyruvylshikimate-3-phosphate Synthase from Escherichia coli. Journal of Biological Chemistry, 2009, 284, 9854-9860.	3.4	117
23	X-ray Crystallographic and Solution State Nuclear Magnetic Resonance Spectroscopic Investigations of NADP ⁺ Binding to Ferredoxin NADP Reductase from Pseudomonas aeruginosa. Biochemistry, 2008, 47, 8080-8093.	2.5	17
24	Structural Basis of Glyphosate Tolerance Resulting from Mutations of Pro101 in Escherichia coli 5-Enolpyruvylshikimate-3-phosphate Synthase. Journal of Biological Chemistry, 2007, 282, 32949-32955.	3.4	74
25	Differential Inhibition of Class I and Class II 5-Enolpyruvylshikimate-3-phosphate Synthases by Tetrahedral Reaction Intermediate Analogues. Biochemistry, 2007, 46, 13344-13351.	2.5	28
26	Biochemical and Structural Characterization of Pseudomonas aeruginosa Bfd and FPR: Ferredoxin NADP ⁺ Reductase and Not Ferredoxin Is the Redox Partner of Heme Oxygenase under Iron-Starvation Conditions. Biochemistry, 2007, 46, 12198-12211.	2.5	38
27	Molecular basis for the herbicide resistance of Roundup Ready crops. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13010-13015.	7.1	300
28	Synthesis of Mono- and Dihydroxylated Furanoses, Pyranoses, and an Oxepanose for the Preparation of Natural Product Analogue Libraries. Journal of Organic Chemistry, 2005, 70, 5599-5605.	3.2	19