

Kang Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3848583/publications.pdf>

Version: 2024-02-01

23
papers

638
citations

687363

13
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Locations and in situ structure of the polymerase complex inside the virion of vesicular stomatitis virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2111948119.	7.1	6
2	Crystal structure of caspase-11 CARD provides insights into caspase-11 activation. <i>Cell Discovery</i> , 2020, 6, 70.	6.7	14
3	Atomic Structures of Anthrax Prechannel Bound with Full-Length Lethal and Edema Factors. <i>Structure</i> , 2020, 28, 879-887.e3.	3.3	8
4	Structural basis for STAT2 suppression by flavivirus NS5. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 875-885.	8.2	40
5	The β -synuclein hereditary mutation E46K unlocks a more stable, pathogenic fibril structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3592-3602.	7.1	122
6	Atomic structures of anthrax toxin protective antigen channels bound to partially unfolded lethal and edema factors. <i>Nature Communications</i> , 2020, 11, 840.	12.8	28
7	Conservative transcription in three steps visualized in a double-stranded RNA virus. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 1023-1034.	8.2	33
8	Structural insights into the catalysis and substrate specificity of cyanobacterial aspartate racemase McyF. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 1108-1114.	2.1	6
9	pH-dependent gating mechanism of the <i>Helicobacter pylori</i> urea channel revealed by cryo-EM. <i>Science Advances</i> , 2019, 5, eaav8423.	10.3	20
10	High-resolution crystal structure of <i>Streptococcus agalactiae</i> glyceraldehyde-3-phosphate dehydrogenase. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 236-244.	0.8	5
11	Different functional states of fusion protein gB revealed on human cytomegalovirus by cryo electron tomography with Volta phase plate. <i>PLoS Pathogens</i> , 2018, 14, e1007452.	4.7	80
12	Crystal structure of yeast monothiol glutaredoxin Grx6 in complex with a glutathione-coordinated [2Fe ²⁺ 2S] cluster. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 732-737.	0.8	12
13	Characterization of the First Fungal Glycosyl Hydrolase Family 19 Chitinase (NbchiA) from <i>Nosema bombycis</i> (Nb). <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 37-45.	1.7	34
14	Structures of an all- β protein running along the DNA major groove. <i>Nucleic Acids Research</i> , 2016, 44, 3936-3945.	14.5	5
15	Structure of the adenylation-peptidyl carrier protein didomain of the <i>Microcystis aeruginosa</i> microcystin synthetase McyG. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 873-881.	2.5	18
16	Crystal structure of juvenile hormone epoxide hydrolase from the silkworm <i>Bombyx mori</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 3224-3229.	2.6	18
17	Crystal structures and catalytic mechanism of the C-methyltransferase Coq5 provide insights into a key step of the yeast coenzyme Q synthesis pathway. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2085-2092.	2.5	22
18	Structure of the gas vesicle protein GvpF from the cyanobacterium <i>Microcystis aeruginosa</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 3013-3022.	2.5	22

#	ARTICLE	IF	CITATIONS
19	A novel point mutation of acetylcholinesterase in a trichlorfon-resistant strain of the oriental fruit fly <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Applied Entomology and Zoology</i> , 2014, 49, 129-137.	1.2	10
20	Structural and biochemical analyses of <i>Microcystis aeruginosa</i> O-acetylserine sulfhydrylases reveal a negative feedback regulation of cysteine biosynthesis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 308-315.	2.3	4
21	Structure and Catalytic Mechanism of Yeast 4-Amino-4-deoxychorismate Lyase. <i>Journal of Biological Chemistry</i> , 2013, 288, 22985-22992.	3.4	5
22	N-Terminal Domain of <i>Bombyx mori</i> Fibroin Mediates the Assembly of Silk in Response to pH Decrease. <i>Journal of Molecular Biology</i> , 2012, 418, 197-207.	4.2	107
23	Structural insights into the catalytic mechanism of the yeast pyridoxal 5-phosphate synthase Snz1. <i>Biochemical Journal</i> , 2010, 432, 445-454.	3.7	17