

Gang Dong

List of Publications by Year in descending order

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27
papers

996
citations

687363

13
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610901

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33
all docs

33
docs citations

33
times ranked

1499
citing authors

#	ARTICLE	IF	CITATIONS
1	The dimeric Golgi protein Gorab binds to Sas6 as a monomer to mediate centriole duplication. <i>ELife</i> , 2021, 10, .	6.0	5
2	Structural studies of the shortest extended synaptotagmin with only two C2 domains from <i>Trypanosoma brucei</i> . <i>IScience</i> , 2021, 24, 102422.	4.1	1
3	Structural and functional studies of the first tripartite protein complex at the <i>Trypanosoma brucei</i> flagellar pocket collar. <i>PLoS Pathogens</i> , 2021, 17, e1009329.	4.7	6
4	Crystal structure of the N-terminal domain of the trypanosome flagellar protein BILBO1 reveals a ubiquitin fold with a long structured loop for protein binding. <i>Journal of Biological Chemistry</i> , 2020, 295, 1489-1499.	3.4	4
5	Puf3 participates in ribosomal biogenesis in malaria parasites. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	8
6	<i>Plasmodium falciparum</i> Falcipain-2a Polymorphisms in Southeast Asia and Their Association With Artemisinin Resistance. <i>Journal of Infectious Diseases</i> , 2018, 218, 434-442.	4.0	32
7	Structure of a Novel Dimeric SET Domain Methyltransferase that Regulates Cell Motility. <i>Journal of Molecular Biology</i> , 2018, 430, 4209-4229.	4.2	3
8	Flagellum inheritance in <i>Trypanosoma brucei</i> requires a kinetoplastid-specific protein phosphatase. <i>Journal of Biological Chemistry</i> , 2018, 293, 8508-8520.	3.4	13
9	Sec3 promotes the initial binary t-SNARE complex assembly and membrane fusion. <i>Nature Communications</i> , 2017, 8, 14236.	12.8	69
10	Functional analyses of the CIF1-CIF2 complex in trypanosome identify the structural motifs required for cytokinesis. <i>Journal of Cell Science</i> , 2017, 130, 4108-4119.	2.0	11
11	Interaction between the flagellar pocket collar and the hook complex via a novel microtubule-binding protein in <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006710.	4.7	32
12	Analysis of Three-Dimensional Structures of Exocyst Components. <i>Methods in Molecular Biology</i> , 2016, 1369, 191-204.	0.9	0
13	Building a ninefold symmetrical barrel: structural dissections of centriole assembly. <i>Open Biology</i> , 2015, 5, 150082.	3.6	5
14	Assembly mechanism of <i>Trypanosoma brucei</i> BILBO1 at the flagellar pocket collar. <i>Communicative and Integrative Biology</i> , 2015, 8, e992739.	1.4	6
15	BILBO1 Is a Scaffold Protein of the Flagellar Pocket Collar in the Pathogen <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2015, 11, e1004654.	4.7	27
16	Expression, purification and preliminary crystallographic analysis of the N-terminal domain of <i>Trypanosoma brucei</i> BILBO1. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 628-631.	0.8	5
17	Structure of the TbBILBO1 Protein N-terminal Domain from <i>Trypanosoma brucei</i> Reveals an Essential Requirement for a Conserved Surface Patch. <i>Journal of Biological Chemistry</i> , 2014, 289, 3724-3735.	3.4	15
18	Expression, purification and preliminary crystallographic analysis of the cryptic polo-box domain of <i>Caenorhabditis elegans</i> ZYG-1. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1346-1350.	0.8	2

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19	Structure of the <i>C.Âelegans</i> ZYG-1 Cryptic Polo Box Suggests a Conserved Mechanism for Centriolar Docking of Plk4 Kinases. <i>Structure</i> , 2014, 22, 1090-1104.	3.3	45
20	Assembly Mechanism of <i>Trypanosoma brucei</i> BILBO1, a Multidomain Cytoskeletal Protein. <i>Journal of Biological Chemistry</i> , 2014, 289, 23870-23881.	3.4	15
21	The SAS-5 N-terminal domain is a tetramer, with implications for centriole assembly in <i>C. elegans</i> . <i>Worm</i> , 2013, 2, e25214.	1.0	17
22	SAS-6 coiled-coil structure and interaction with SAS-5 suggest a regulatory mechanism in <i>C. elegans</i> centriole assembly. <i>EMBO Journal</i> , 2012, 31, 4334-4347.	7.8	61
23	Morphology of the Trypanosome Bilobe, a Novel Cytoskeletal Structure. <i>Eukaryotic Cell</i> , 2012, 11, 761-772.	3.4	55
24	Insights into MHC Class I Peptide Loading from the Structure of the Tapasin-ERp57 Thiol Oxidoreductase Heterodimer. <i>Immunity</i> , 2009, 30, 21-32.	14.3	251
25	A Catalytic Coiled Coil: Structural Insights into the Activation of the Rab GTPase Sec4p by Sec2p. <i>Molecular Cell</i> , 2007, 25, 455-462.	9.7	87
26	The structures of exocyst subunit Exo70p and the Exo84p C-terminal domains reveal a common motif. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 1094-1100.	8.2	126
27	Structure of the La motif: a winged helix domain mediates RNA binding via a conserved aromatic patch. <i>EMBO Journal</i> , 2004, 23, 1000-1007.	7.8	94