

Gang Dong

List of Publications by Year in descending order

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27
papers

996
citations

687363

13
h-index

610901

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33
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33
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33
times ranked

1499
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Sec3 promotes the initial binary t-SNARE complex assembly and membrane fusion. <i>Nature Communications</i> , 2017, 8, 14236.	12.8	69
6	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
7	Morphology of the Trypanosome Bilobe, a Novel Cytoskeletal Structure. <i>Eukaryotic Cell</i> , 2012, 11, 761-772.	3.4	55
8	Structure of the <i>C. elegans</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
9	Plasmodium falciparum 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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	Puf3 participates in ribosomal biogenesis in malaria parasites. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	8
18	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

#	ARTICLE	IF	CITATIONS
19	Structural and functional studies of the first tripartite protein complex at the Trypanosoma brucei flagellar pocket collar. PLoS Pathogens, 2021, 17, e1009329.	4.7	6
20	Expression, purification and preliminary crystallographic analysis of the N-terminal domain of Trypanosoma brucei BILBO1. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 628-631.	0.8	5
21	Building a ninefold symmetrical barrel: structural dissections of centriole assembly. Open Biology, 2015, 5, 150082.	3.6	5
22	The dimeric Golgi protein Gorab binds to Sas6 as a monomer to mediate centriole duplication. ELife, 2021, 10, .	6.0	5
23	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. Journal of Biological Chemistry, 2020, 295, 1489-1499.	3.4	4
24	Structure of a Novel Dimeric SET Domain Methyltransferase that Regulates Cell Motility. Journal of Molecular Biology, 2018, 430, 4209-4229.	4.2	3
25	Expression, purification and preliminary crystallographic analysis of the cryptic polo-box domain of Caenorhabditis elegans ZYG-1. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1346-1350.	0.8	2
26	Structural studies of the shortest extended synaptotagmin with only two C2 domains from Trypanosoma brucei. IScience, 2021, 24, 102422.	4.1	1
27	Analysis of Three-Dimensional Structures of Exocyst Components. Methods in Molecular Biology, 2016, 1369, 191-204.	0.9	0