

Christopher L De Graffenried

List of Publications by Year in descending order

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27
papers

882
citations

687363

13
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552781

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30
all docs

30
docs citations

30
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing spatio-temporal dynamics with long-term trypanosomatid live-cell imaging. <i>PLoS Pathogens</i> , 2022, 18, e1010218.	4.7	4
2	Cell division: <i>Naegleria</i> bundles up for mitosis. <i>Current Biology</i> , 2022, 32, R269-R271.	3.9	0
3	The <i>Trypanosoma brucei</i> subpellicular microtubule array is organized into functionally discrete subdomains defined by microtubule associated proteins. <i>PLoS Pathogens</i> , 2021, 17, e1009588.	4.7	13
4	Alternate histories of cytokinesis: lessons from the trypanosomatids. <i>Molecular Biology of the Cell</i> , 2020, 31, 2631-2639.	2.1	10
5	More than Microtubules: The Structure and Function of the Subpellicular Array in Trypanosomatids. <i>Trends in Parasitology</i> , 2019, 35, 760-777.	3.3	31
6	TbSmee1 regulates hook complex morphology and the rate of flagellar pocket uptake in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2018, 107, 344-362.	2.5	12
7	Identification of TOEFAZ1-interacting proteins reveals key regulators of <i>Trypanosoma brucei</i> cytokinesis. <i>Molecular Microbiology</i> , 2018, 109, 306-326.	2.5	42
8	Functional analysis of TOEFAZ1 uncovers protein domains essential for cytokinesis in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2017, 130, 3918-3932.	2.0	18
9	A unified approach towards <i>Trypanosoma brucei</i> functional genomics using Gibson assembly. <i>Molecular and Biochemical Parasitology</i> , 2016, 210, 13-21.	1.1	12
10	Tetranucleotide usage in mycobacteriophage genomes: alignment-free methods to cluster phage and infer evolutionary relationships. <i>BMC Bioinformatics</i> , 2015, 16, .	2.6	3
11	Proteomic identification of novel cytoskeletal proteins associated with TbPLK, an essential regulator of cell morphogenesis in <i>Trypanosoma brucei</i> . <i>Molecular Biology of the Cell</i> , 2015, 26, 3013-3029.	2.1	76
12	Tetranucleotide usage highlights genomic heterogeneity among mycobacteriophages. <i>F1000Research</i> , 2015, 4, 36.	1.6	5
13	Tetranucleotide usage highlights genomic heterogeneity among mycobacteriophages. <i>F1000Research</i> , 2015, 4, 36.	1.6	3
14	Polo-like kinase phosphorylation of bilobe-resident TbCentrin2 facilitates flagellar inheritance in <i>Trypanosoma brucei</i> . <i>Molecular Biology of the Cell</i> , 2013, 24, 1947-1963.	2.1	26
15	An analogue-sensitive approach identifies basal body rotation and flagellum attachment zone elongation as key functions of PLK in <i>Trypanosoma brucei</i> . <i>Molecular Biology of the Cell</i> , 2013, 24, 1321-1333.	2.1	25
16	Polo-like kinase is necessary for flagellum inheritance in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2012, 125, 3173-84.	2.0	46
17	TbG63, a golgin involved in Golgi architecture in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2008, 121, 1538-1546.	2.0	12
18	Polo-like kinase is required for Golgi and bilobe biogenesis in <i>Trypanosoma brucei</i> . <i>Journal of Cell Biology</i> , 2008, 181, 431-438.	5.2	62

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19	Regulating Cell Surface Glycosylation with a Small-Molecule Switch. <i>Methods in Enzymology</i> , 2006, 415, 213-229.	1.0	2
20	Ordered assembly of the duplicating Golgi in <i>Trypanosoma brucei</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7676-7681.	7.1	60
21	The Stem Region of the Sulfotransferase GlcNAc6ST-1 Is a Determinant of Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2004, 279, 40035-40043.	3.4	12
22	A small-molecule switch for Golgi sulfotransferases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16715-16720.	7.1	27
23	The roles of enzyme localisation and complex formation in glycan assembly within the Golgi apparatus. <i>Current Opinion in Cell Biology</i> , 2004, 16, 356-363.	5.4	94
24	Directing Flux in Glycan Biosynthetic Pathways with a Small Molecule Switch. <i>ChemBioChem</i> , 2004, 5, 1455-1458.	2.6	13
25	A Fluorogenic Dye Activated by the Staudinger Ligation. <i>Journal of the American Chemical Society</i> , 2003, 125, 4708-4709.	13.7	192
26	Golgi Localization of Carbohydrate Sulfotransferases Is a Determinant of L-selectin Ligand Biosynthesis. <i>Journal of Biological Chemistry</i> , 2003, 278, 40282-40295.	3.4	29
27	Biosynthesis of L-Selectin Ligands: Sulfation of Sialyl Lewis x-Related Oligosaccharides by a Family of GlcNAc-6-sulfotransferases. <i>Biochemistry</i> , 2001, 40, 5382-5391.	2.5	53