

Cynthia Y He

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

6,297
citations

361413

20
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

15864
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Convolutional neural networks for automated annotation of cellular cryo-electron tomograms. <i>Nature Methods</i> , 2017, 14, 983-985.	19.0	298
3	Golgi duplication in <i>Trypanosoma brucei</i> . <i>Journal of Cell Biology</i> , 2004, 165, 313-321.	5.2	150
4	Golgi Duplication in <i>Trypanosoma brucei</i> Requires Centrin2. <i>Science</i> , 2005, 310, 1196-1198.	12.6	123
5	A coiled-coil- and C2-domain-containing protein is required for FAZ assembly and cell morphology in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2011, 124, 3848-3858.	2.0	82
6	SuRVoS: Super-Region Volume Segmentation workbench. <i>Journal of Structural Biology</i> , 2017, 198, 43-53.	2.8	72
7	Structure of <i>Trypanosoma brucei</i> flagellum accounts for its bihelical motion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11105-11108.	7.1	66
8	A Comparative Proteomic Analysis Reveals a New Bi-Lobe Protein Required for Bi-Lobe Duplication and Cell Division in <i>Trypanosoma brucei</i> . <i>PLoS ONE</i> , 2010, 5, e9660.	2.5	58
9	Biochemical Characterization of the Bi-lobe Reveals a Continuous Structural Network Linking the Bi-lobe to Other Single-copied Organelles in <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 3489-3499.	3.4	57
10	Centrin4 coordinates cell and nuclear division in <i>T. brucei</i> . <i>Journal of Cell Science</i> , 2008, 121, 3062-3070.	2.0	56
11	The bilobe structure of <i>Trypanosoma brucei</i> contains a MORN-repeat protein. <i>Molecular and Biochemical Parasitology</i> , 2009, 167, 95-103.	1.1	56
12	An intracellular membrane junction consisting of flagellum adhesion glycoproteins links flagellum biogenesis to cell morphogenesis in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2013, 126, 520-531.	2.0	56
13	A role of autophagy in <i>Trypanosoma brucei</i> cell death. <i>Cellular Microbiology</i> , 2012, 14, 1242-1256.	2.1	50
14	Proteomic profiling and potential cellular target identification of K11777, a clinical cysteine protease inhibitor, in <i>Trypanosoma brucei</i> . <i>Chemical Communications</i> , 2012, 48, 835-837.	4.1	49
15	Design, Synthesis and Biological Evaluation of Potent Azadipeptide Nitrile Inhibitors and Activity-Based Probes as Promising Anti- <i>Trypanosoma brucei</i> Agents. <i>Chemistry - A European Journal</i> , 2012, 18, 6528-6541.	3.3	49
16	Acidocalcisome is required for autophagy in <i>Trypanosoma brucei</i> . <i>Autophagy</i> , 2014, 10, 1978-1988.	9.1	49
17	Assembly and maintenance of the flagellum attachment zone filament in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2015, 128, 2361-2372.	2.0	49
18	Golgi biogenesis in simple eukaryotes. <i>Cellular Microbiology</i> , 2007, 9, 566-572.	2.1	42

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19	ATP-driven and AMPK-independent autophagy in an early branching eukaryotic parasite. <i>Autophagy</i> , 2017, 13, 715-729.	9.1	33
20	Flagellum couples cell shape to motility in <i>Trypanosoma brucei</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5916-E5925.	7.1	29
21	Ultrastructural Study of Golgi Duplication in <i>Trypanosoma brucei</i> . <i>Traffic</i> , 2009, 10, 300-306.	2.7	28
22	Basal Body Protein TbSAF1 Is Required for Microtubule Quartet Anchorage to the Basal Bodies in <i>Trypanosoma brucei</i> . <i>MBio</i> , 2020, 11, .	4.1	17
23	Parasite-Based Screening and Proteome Profiling Reveal Orlistat, an FDA-Approved Drug, as a Potential Anti <i>Trypanosoma brucei</i> Agent []. <i>Chemistry - A European Journal</i> , 2012, 18, 8403-8413.	3.3	16
24	Centrins in unicellular organisms: functional diversity and specialization. <i>Protoplasma</i> , 2012, 249, 459-467.	2.1	14
25	An interplay between Centrin2 and Centrin4 on the bi-lobed structure in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2012, 83, 1153-1161.	2.5	14
26	An efficient cumate-inducible system for procyclic and bloodstream form <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2017, 214, 101-104.	1.1	13
27	Autophagy in protozoan parasites: <i>Trypanosoma brucei</i> as a model. <i>Future Microbiology</i> , 2017, 12, 1337-1340.	2.0	12
28	Functional characterization of two novel parvulins in <i>Trypanosoma brucei</i> . <i>FEBS Letters</i> , 2010, 584, 2901-2908.	2.8	11
29	The lysosomotropic drug LeuLeu-OMe induces lysosome disruption and autophagy-independent cell death in <i>Trypanosoma brucei</i> . <i>Microbial Cell</i> , 2015, 2, 288-298.	3.2	11
30	The bi-lobe-associated LRRP1 regulates Ran activity in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2014, 127, 4846-56.	2.0	7
31	Flagellar targeting of an arginine kinase requires a conserved lipidated protein intraflagellar transport (LIFT) pathway in <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2020, 295, 11326-11336.	3.4	7
32	Cell Cycle-Dependent Flagellar Disassembly in a Firebug Trypanosomatid <i>Leptomonas pyrrocoris</i> . <i>MBio</i> , 2019, 10, .	4.1	6
33	The unusual flagellar targeting mechanism and functions of the trypanosome orthologue of the ciliary GTPase Arl13b. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	5
34	Cell cycle and cleavage events during in vitro cultivation of bloodstream forms of <i>Trypanosoma lewisi</i> , a zoonotic pathogen. <i>Cell Cycle</i> , 2019, 18, 552-567.	2.6	5
35	BAPTA-AM decreases cellular pH, inhibits acidocalcisome acidification and autophagy in amino acid-starved <i>T. brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2017, 213, 26-29.	1.1	4
36	Successful Genetic Transfection of the Colonic Protistan Parasite <i>Blastocystis</i> for Reliable Expression of Ectopic Genes. <i>Scientific Reports</i> , 2019, 9, 3159.	3.3	2

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37	Proteomic Analyses of a Bi-Lobed Structure in <i>Trypanosoma brucei</i> . <i>Methods in Molecular Biology</i> , 2015, 1270, 427-436.	0.9	0