Cynthia Y He

List of Publications by Year
in descending order

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	Flagellar targeting of an arginine kinase requires a conserved lipidated protein intraflagellar transport (LIFT) pathway in Trypanosoma brucei. Journal of Biological Chemistry, 2020, 295, 11326-11336.	3.4	7
2	Basal Body Protein TbSAF1 Is Required for Microtubule Quartet Anchorage to the Basal Bodies in Trypanosoma brucei. MBio, 2020, 11, .	4.1	17
3	Cell cycle and cleavage events during in vitro cultivation of bloodstream forms of Trypanosoma lewisi, a zoonotic pathogen. Cell Cycle, 2019, 18, 552-567.	2.6	5
4	Successful Genetic Transfection of the Colonic Protistan Parasite Blastocystis for Reliable Expression of Ectopic Genes. Scientific Reports, 2019, 9, 3159.	3.3	2
5	Cell Cycle-Dependent Flagellar Disassembly in a Firebug Trypanosomatid Leptomonas pyrrhocoris. MBio, 2019, 10, .	4.1	6
6	The unusual flagellar targeting mechanism and functions of the trypanosome orthologue of the ciliary GTPase Arl13b. Journal of Cell Science, 2018, 131, .	2.0	5
7	Flagellum couples cell shape to motility in Trypanosoma brucei. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5916-E5925.	7.1	29
8	ATP-driven and AMPK-independent autophagy in an early branching eukaryotic parasite. Autophagy, 2017, 13, 715-729.	9.1	33
9	BAPTA-AM decreases cellular pH, inhibits acidocalcisome acidification and autophagy in amino acid-starved T. brucei. Molecular and Biochemical Parasitology, 2017, 213, 26-29.	1.1	4
10	An efficient cumate-inducible system for procyclic and bloodstream form Trypanosoma brucei. Molecular and Biochemical Parasitology, 2017, 214, 101-104.	1.1	13
11	SuRVoS: Super-Region Volume Segmentation workbench. Journal of Structural Biology, 2017, 198, 43-53.	2.8	72
12	Autophagy in protozoan parasites: Trypanosoma brucei as a model. Future Microbiology, 2017, 12, 1337-1340.	2.0	12
13	Convolutional neural networks for automated annotation of cellular cryo-electron tomograms. Nature Methods, 2017, 14, 983-985.	19.0	298
14	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
15	Assembly and maintenance of the flagellum attachment zone filament in Trypanosoma brucei. Journal of Cell Science, 2015, 128, 2361-2372.	2.0	49
16	The lysosomotropic drug LeuLeu-OMe induces lysosome disruption and autophagy-independent cell death in Trypanosoma brucei. Microbial Cell, 2015, 2, 288-298.	3.2	11
17	Proteomic Analyses of a Bi-Lobed Structure in Trypanosoma brucei. Methods in Molecular Biology, 2015, 1270, 427-436.	0.9	0
18	Acidocalcisome is required for autophagy inTrypanosoma brucei. Autophagy, 2014, 10, 1978-1988.	9.1	49

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19	The bi-lobe-associated LRRP1 regulates Ran activity in Trypanosoma brucei. Journal of Cell Science, 2014, 127, 4846-56.	2.0	7
20	An intracellular membrane junction consisting of flagellum adhesion glycoproteins links flagellum biogenesis to cell morphogenesis in Trypanosoma brucei. Journal of Cell Science, 2013, 126, 520-531.	2.0	56
21	Biochemical Characterization of the Bi-lobe Reveals a Continuous Structural Network Linking the Bi-lobe to Other Single-copied Organelles in Trypanosoma brucei. Journal of Biological Chemistry, 2013, 288, 3489-3499.	3.4	57
22	Proteomic profiling and potential cellular target identification of K11777, a clinical cysteine protease inhibitor, in Trypanosoma brucei. Chemical Communications, 2012, 48, 835-837.	4.1	49
23	Design, Synthesis and Biological Evaluation of Potent Azadipeptide Nitrile Inhibitors and Activityâ€Based Probes as Promising Antiâ€Trypanosoma brucei Agents. Chemistry - A European Journal, 2012, 18, 6528-6541.	3.3	49
24	Parasiteâ€Based Screening and Proteome Profiling Reveal Orlistat, an FDAâ€Approved Drug, as a Potential Anti Trypanosoma brucei Agent [ ]. Chemistry - A European Journal, 2012, 18, 8403-8413.	3.3	16
25	Centrins in unicellular organisms: functional diversity and specialization. Protoplasma, 2012, 249, 459-467.	2.1	14
26	An interplay between Centrin2 and Centrin4 on the biâ€lobed structure in Trypanosoma brucei. Molecular Microbiology, 2012, 83, 1153-1161.	2.5	14
27	A role of autophagy in Trypanosoma brucei cell death. Cellular Microbiology, 2012, 14, 1242-1256.	2.1	50
28	A coiled-coil- and C2-domain-containing protein is required for FAZ assembly and cell morphology in Trypanosoma brucei. Journal of Cell Science, 2011, 124, 3848-3858.	2.0	82
29	Structure of Trypanosoma brucei flagellum accounts for its bihelical motion. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11105-11108.	7.1	66
30	Functional characterization of two novel parvulins in Trypanosoma brucei. FEBS Letters, 2010, 584, 2901-2908.	2.8	11
31	A Comparative Proteomic Analysis Reveals a New Bi-Lobe Protein Required for Bi-Lobe Duplication and Cell Division in Trypanosoma brucei. PLoS ONE, 2010, 5, e9660.	2.5	58
32	The bilobe structure of Trypanosoma brucei contains a MORN-repeat protein. Molecular and Biochemical Parasitology, 2009, 167, 95-103.	1.1	56
33	Ultrastructural Study of Golgi Duplication in Trypanosoma brucei. Traffic, 2009, 10, 300-306.	2.7	28
34	Centrin4 coordinates cell and nuclear division in T. brucei. Journal of Cell Science, 2008, 121, 3062-3070.	2.0	56
35	Golgi biogenesis in simple eukaryotes. Cellular Microbiology, 2007, 9, 566-572.	2.1	42
36	Golgi Duplication in Trypanosoma brucei Requires Centrin2. Science, 2005, 310, 1196-1198.	12.6	123

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37	Golgi duplication in Trypanosoma brucei. Journal of Cell Biology, 2004, 165, 313-321.	5.2	150