Sue Vaughan

List of Publications by Year
in descending order

38 papers	1,721 citations	279798 23 h-index	345221 36 g-index
44 all docs	44 docs citations	44 times ranked	1648 citing authors

#	Article	IF	Citations
1	Molecular Evolution of FtsZ Protein Sequences Encoded Within the Genomes of Archaea, Bacteria, and Eukaryota. Journal of Molecular Evolution, 2004, 58, 19-29.	1.8	176
2	Three-dimensional cellular architecture of the flagellar pocket and associated cytoskeleton in trypanosomes revealed by electron microscope tomography. Journal of Cell Science, 2009, 122, 1081-1090.	2.0	167
3	A Repetitive Protein Essential for the Flagellum Attachment Zone Filament Structure and Function in Trypanosoma brucei. Protist, 2008, 159, 127-136.	1.5	117
4	Transcriptome, proteome and draft genome of Euglena gracilis. BMC Biology, 2019, 17, 11.	3.8	98
5	Cytokinesis in <scp>T</scp>rypanosoma brucei differs between bloodstream and tsetse trypomastigote forms: implications for microtubuleâ€based morphogenesis and mutant analysis. Molecular Microbiology, 2013, 90, 1339-1355.	2.5	92
6	Serial block face scanning electron microscopyâ€"the future of cell ultrastructure imaging. Protoplasma, 2014, 251, 395-401.	2.1	86
7	An Essential Quality Control Mechanism at the Eukaryotic Basal Body Prior to Intraflagellar Transport. Traffic, 2007, 8, 1323-1330.	2.7	83
8	The flagella connector of Trypanosoma brucei: an unusual mobile transmembrane junction. Journal of Cell Science, 2004, 117, 1641-1651.	2.0	77
9	Proteomic identification of novel cytoskeletal proteins associated with TbPLK, an essential regulator of cell morphogenesis inTrypanosoma brucei. Molecular Biology of the Cell, 2015, 26, 3013-3029.	2.1	76
10	Assembly of the flagellum and its role in cell morphogenesis in Trypanosoma brucei. Current Opinion in Microbiology, 2010, 13, 453-458.	5.1	53
11	A cell body groove housing the new flagellum tip suggests an adaptation of cellular morphogenesis for parasitism in bloodstream form Trypanosoma brucei. Journal of Cell Science, 2013, 126, 5748-57.	2.0	45
12	Life cycle stages, specific organelles and invasion mechanisms ofEimeriaspecies. Parasitology, 2020, 147, 263-278.	1.5	45
13	Bidirectional intraflagellar transport is restricted to two sets of microtubule doublets in the trypanosome flagellum. Journal of Cell Biology, 2018, 217, 4284-4297.	5.2	41
14	A divergent cyclin/cyclin-dependent kinase complex controls the atypical replication of a malaria parasite during gametogony and transmission. ELife, 2020, 9, .	6.0	41
15	Basal body structure and cell cycle-dependent biogenesis in Trypanosoma brucei. Cilia, 2015, 5, 5.	1.8	39
16	Patterns of organelle ontogeny through a cell cycle revealed by whole cell reconstructions using 3D electron microscopy. Journal of Cell Science, 2017, 130, 637-647.	2.0	38
17	The structural mechanics of cell division in Trypanosoma brucei. Biochemical Society Transactions, 2008, 36, 421-424.	3.4	36
18	Outer membrane protein functions as integrator of protein import and DNA inheritance in mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4467-75.	7.1	36

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19	Molecular model of the mitochondrial genome segregation machinery in Trypanosoma brucei. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1809-E1818.	7.1	36
20	The trypanosome flagellum. Journal of Cell Science, 2003, 116, 757-759.	2.0	35
21	Common themes in centriole and centrosome movements. Trends in Cell Biology, 2011, 21, 57-66.	7.9	34
22	Kinesin-8B controls basal body function and flagellum formation and is key to malaria transmission. Life Science Alliance, 2019, 2, e201900488.	2.8	33
23	Suramin exposure alters cellular metabolism and mitochondrial energy production in African trypanosomes. Journal of Biological Chemistry, 2020, 295, 8331-8347.	3.4	32
24	Trypanosomatid Flagellar Pocket from Structure to Function. Trends in Parasitology, 2021, 37, 317-329.	3.3	27
25	A Trypanosoma brucei Protein Required for Maintenance of the Flagellum Attachment Zone and Flagellar Pocket ER Domains. Protist, 2012, 163, 602-615.	1.5	25
26	Scanning and three-dimensional electron microscopy methods for the study of Trypanosoma brucei and Leishmania mexicana flagella. Methods in Cell Biology, 2015, 127, 509-542.	1.1	25
27	Nonâ€equivalence in oldâ€•and newâ€flagellum daughter cells of a proliferative division in Trypanosoma brucei. Molecular Microbiology, 2019, 112, 1024-1040.	2.5	18
28	The Growth of Eimeria tenella: Characterization and Application of Quantitative Methods to Assess Sporozoite Invasion and Endogenous Development in Cell Culture. Frontiers in Cellular and Infection Microbiology, 2020, 10, 579833.	3.9	17
29	Protein phosphatase 1 regulates atypical mitotic and meiotic division in Plasmodium sexual stages. Communications Biology, 2021, 4, 760.	4.4	17
30	Control of assembly of extra-axonemal structures: the paraflagellar rod of trypanosomes. Journal of Cell Science, 2020, 133, .	2.0	15
31	Blocking variant surface glycoprotein synthesis alters endoplasmic reticulum exit sites/Golgi homeostasis in Trypanosoma brucei. Traffic, 2018, 19, 391-405.	2.7	11
32	Plasmodium SAS4: basal body component of male cell which is dispensable for parasite transmission. Life Science Alliance, 2022, 5, e202101329.	2.8	11
33	CEP164C regulates flagellum length in stable flagella. Journal of Cell Biology, 2021, 220, .	5.2	10
34	Cellular electron tomography of the apical complex in the apicomplexan parasite Eimeria tenella shows a highly organised gateway for regulated secretion. PLoS Pathogens, 2022, 18, e1010666.	4.7	8
35	A centriolar FGR1 oncogene partner-like protein required for paraflagellar rod assembly, but not axoneme assembly in African trypanosomes. Open Biology, 2018, 8, 170218.	3.6	5
36	Basal Bodies and Microtubule Organization in Pathogenic Protozoa. , 2005, , 401-423.		2

#	Article	IF	Citations
37	Do All Coccidia Follow the Same Trafficking Rules?. Life, 2021, 11, 909.	2.4	2
38	Patterns of organelle ontogeny through a cell cycle revealed by whole-cell reconstructions using 3D electron microscopy. Development (Cambridge), 2017, 144, e1.2-e1.2.	2.5	0