

Sue Vaughan

List of Publications by Year in descending order

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Version: 2024-02-01

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	<i>Plasmodium</i> SAS4: basal body component of male cell which is dispensable for parasite transmission. <i>Life Science Alliance</i> , 2022, 5, e202101329.	2.8	11
2	Cellular electron tomography of the apical complex in the apicomplexan parasite <i>Eimeria tenella</i> shows a highly organised gateway for regulated secretion. <i>PLoS Pathogens</i> , 2022, 18, e1010666.	4.7	8
3	Trypanosomatid Flagellar Pocket from Structure to Function. <i>Trends in Parasitology</i> , 2021, 37, 317-329.	3.3	27
4	Protein phosphatase 1 regulates atypical mitotic and meiotic division in <i>Plasmodium</i> sexual stages. <i>Communications Biology</i> , 2021, 4, 760.	4.4	17
5	Do All Coccidia Follow the Same Trafficking Rules?. <i>Life</i> , 2021, 11, 909.	2.4	2
6	CEP164C regulates flagellum length in stable flagella. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	10
7	Life cycle stages, specific organelles and invasion mechanisms of <i>Eimeria</i> species. <i>Parasitology</i> , 2020, 147, 263-278.	1.5	45
8	The Growth of <i>Eimeria tenella</i> : Characterization and Application of Quantitative Methods to Assess Sporozoite Invasion and Endogenous Development in Cell Culture. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 579833.	3.9	17
9	Suramin exposure alters cellular metabolism and mitochondrial energy production in African trypanosomes. <i>Journal of Biological Chemistry</i> , 2020, 295, 8331-8347.	3.4	32
10	Control of assembly of extra-axonemal structures: the paraflagellar rod of trypanosomes. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	15
11	A divergent cyclin/cyclin-dependent kinase complex controls the atypical replication of a malaria parasite during gametogony and transmission. <i>ELife</i> , 2020, 9, .	6.0	41
12	Non-equivalence in old and new flagellum daughter cells of a proliferative division in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2019, 112, 1024-1040.	2.5	18
13	Transcriptome, proteome and draft genome of <i>Euglena gracilis</i> . <i>BMC Biology</i> , 2019, 17, 11.	3.8	98
14	Kinesin-8B controls basal body function and flagellum formation and is key to malaria transmission. <i>Life Science Alliance</i> , 2019, 2, e201900488.	2.8	33
15	Molecular model of the mitochondrial genome segregation machinery in <i>Trypanosoma brucei</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1809-E1818.	7.1	36
16	Blocking variant surface glycoprotein synthesis alters endoplasmic reticulum exit sites/Golgi homeostasis in <i>Trypanosoma brucei</i> . <i>Traffic</i> , 2018, 19, 391-405.	2.7	11
17	Bidirectional intraflagellar transport is restricted to two sets of microtubule doublets in the trypanosome flagellum. <i>Journal of Cell Biology</i> , 2018, 217, 4284-4297.	5.2	41
18	A centriolar FGR1 oncogene partner-like protein required for paraflagellar rod assembly, but not axoneme assembly in African trypanosomes. <i>Open Biology</i> , 2018, 8, 170218.	3.6	5

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19	Patterns of organelle ontogeny through a cell cycle revealed by whole cell reconstructions using 3D electron microscopy. <i>Journal of Cell Science</i> , 2017, 130, 637-647.	2.0	38
20	Patterns of organelle ontogeny through a cell cycle revealed by whole-cell reconstructions using 3D electron microscopy. <i>Development (Cambridge)</i> , 2017, 144, e1.2-e1.2.	2.5	0
21	Outer membrane protein functions as integrator of protein import and DNA inheritance in mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4467-75.	7.1	36
22	Basal body structure and cell cycle-dependent biogenesis in <i>Trypanosoma brucei</i> . <i>Cilia</i> , 2015, 5, 5.	1.8	39
23	Scanning and three-dimensional electron microscopy methods for the study of <i>Trypanosoma brucei</i> and <i>Leishmania mexicana</i> flagella. <i>Methods in Cell Biology</i> , 2015, 127, 509-542.	1.1	25
24	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
25	Serial block face scanning electron microscopy—the future of cell ultrastructure imaging. <i>Protoplasma</i> , 2014, 251, 395-401.	2.1	86
26	A cell body groove housing the new flagellum tip suggests an adaptation of cellular morphogenesis for parasitism in bloodstream form <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2013, 126, 5748-57.	2.0	45
27	Cytokinesis in <i>Trypanosoma brucei</i> differs between bloodstream and tsetse trypomastigote forms: implications for microtubule-based morphogenesis and mutant analysis. <i>Molecular Microbiology</i> , 2013, 90, 1339-1355.	2.5	92
28	A <i>Trypanosoma brucei</i> Protein Required for Maintenance of the Flagellum Attachment Zone and Flagellar Pocket ER Domains. <i>Protist</i> , 2012, 163, 602-615.	1.5	25
29	Common themes in centriole and centrosome movements. <i>Trends in Cell Biology</i> , 2011, 21, 57-66.	7.9	34
30	Assembly of the flagellum and its role in cell morphogenesis in <i>Trypanosoma brucei</i> . <i>Current Opinion in Microbiology</i> , 2010, 13, 453-458.	5.1	53
31	Three-dimensional cellular architecture of the flagellar pocket and associated cytoskeleton in trypanosomes revealed by electron microscope tomography. <i>Journal of Cell Science</i> , 2009, 122, 1081-1090.	2.0	167
32	A Repetitive Protein Essential for the Flagellum Attachment Zone Filament Structure and Function in <i>Trypanosoma brucei</i> . <i>Protist</i> , 2008, 159, 127-136.	1.5	117
33	The structural mechanics of cell division in <i>Trypanosoma brucei</i> . <i>Biochemical Society Transactions</i> , 2008, 36, 421-424.	3.4	36
34	An Essential Quality Control Mechanism at the Eukaryotic Basal Body Prior to Intraflagellar Transport. <i>Traffic</i> , 2007, 8, 1323-1330.	2.7	83
35	Basal Bodies and Microtubule Organization in Pathogenic Protozoa. , 2005, , 401-423.		2
36	The flagella connector of <i>Trypanosoma brucei</i> : an unusual mobile transmembrane junction. <i>Journal of Cell Science</i> , 2004, 117, 1641-1651.	2.0	77

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37	Molecular Evolution of FtsZ Protein Sequences Encoded Within the Genomes of Archaea, Bacteria, and Eukaryota. <i>Journal of Molecular Evolution</i> , 2004, 58, 19-29.	1.8	176
38	The trypanosome flagellum. <i>Journal of Cell Science</i> , 2003, 116, 757-759.	2.0	35