Mark C Field

List of Publications by Citations

205 papers	9,783 citations	54 h-index	92 g-index
218 ext. papers	11,088 ext. citations	5.9 avg, IF	6.19 L-index

#	Paper	IF	Citations
205	The genome of the African trypanosome Trypanosoma brucei. *Science*, **2005**, 309, 416-22	33.3	1323
204	The genome of Naegleria gruberi illuminates early eukaryotic versatility. *Cell*, **2010**, 140, 631-42	56.2	346
203	High-throughput decoding of antitrypanosomal drug efficacy and resistance. *Nature*, **2012**, 482, 232-6	50.4	229
202	Anti-trypanosomatid drug discovery: an ongoing challenge and a continuing need. *Nature Reviews Microbiology*, **2017**, 15, 217-231	22.2	225
201	Evolution of the eukaryotic membrane-trafficking system: origin, tempo and mode. *Journal of Cell Science*, **2007**, 120, 2977-85	5.3	216
200	Evolution of the multivesicular body ESCRT machinery; retention across the eukaryotic lineage. *Traffic*, **2008**, 9, 1698-716	5.7	198
199	The trypanosome flagellar pocket. *Nature Reviews Microbiology*, **2009**, 7, 775-86	22.2	189
198	Clathrin-mediated endocytosis is essential in Trypanosoma brucei. *EMBO Journal*, **2003**, 22, 4991-5002	13	182
197	RNAit: an automated web-based tool for the selection of RNAi targets in Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2003**, 128, 115-8	1.9	170
196	Evidence for a shared nuclear pore complex architecture that is conserved from the last common eukaryotic ancestor. *Molecular and Cellular Proteomics*, **2009**, 8, 2119-30	7.6	169
195	Control systems for membrane fusion in the ancestral eukaryote; evolution of tethering complexes and SM proteins. *BMC Evolutionary Biology*, **2007**, 7, 29	3	166
194	Acylation-dependent protein export in Leishmania. *Journal of Biological Chemistry*, **2000**, 275, 11017-25	5.4	130
193	Molecular paleontology and complexity in the last eukaryotic common ancestor. *Critical Reviews in Biochemistry and Molecular Biology*, **2013**, 48, 373-96	8.7	128
192	Sculpting the endomembrane system in deep time: high resolution phylogenetics of Rab GTPases. *Journal of Cell Science*, **2012**, 125, 2500-8	5.3	115
191	Antigenic diversity is generated by distinct evolutionary mechanisms in African trypanosome species. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 3416-21	11.5	114
190	Phylogeny of endocytic components yields insight into the process of nonendosymbiotic organelle evolution. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 588-93	11.5	114
189	Evolution of modular intraflagellar transport from a coatomer-like progenitor. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6943-8	11.5	110

188	First and last ancestors: reconstructing evolution of the endomembrane system with ESCRTs, vesicle coat proteins, and nuclear pore complexes. *Current Opinion in Cell Biology*, **2009**, 21, 4-13	9	101
187	Kinetoplastid Phylogenomics Reveals the Evolutionary Innovations Associated with the Origins of Parasitism. *Current Biology*, **2016**, 26, 161-172	6.3	98
186	Endocytosis of a glycosylphosphatidylinositol-anchored protein via clathrin-coated vesicles, sorting by default in endosomes, and exocytosis via RAB11-positive carriers. *Molecular Biology of the Cell*, **2003**, 14, 2029-40	3.5	98
185	Essential roles for GPI-anchored proteins in African trypanosomes revealed using mutants deficient in GPI8. *Molecular Biology of the Cell*, **2003**, 14, 1182-94	3.5	98
184	A conserved coatomer-related complex containing Sec13 and Seh1 dynamically associates with the vacuole in Saccharomyces cerevisiae. *Molecular and Cellular Proteomics*, **2011**, 10, M110.006478	7.6	95
183	Developmental and morphological regulation of clathrin-mediated endocytosis inTrypanosoma brucei. *Journal of Cell Science*, **2001**, 114, 2605-2615	5.3	88
182	Rab5 and Rab11 mediate transferrin and anti-variant surface glycoprotein antibody recycling in Trypanosoma brucei. *Biochemical Journal*, **2003**, 374, 443-51	3.8	87
181	NUP-1 Is a large coiled-coil nucleoskeletal protein in trypanosomes with lamin-like functions. *PLoS Biology*, **2012**, 10, e1001287	9.7	86
180	Evolutionary reconstruction of the retromer complex and its function in Trypanosoma brucei. *Journal of Cell Science*, **2011**, 124, 1496-509	5.3	85
179	Reconstructing the evolution of the endocytic system: insights from genomics and molecular cell biology. *Advances in Experimental Medicine and Biology*, **2007**, 607, 84-96	3.6	84
178	The trypanosome transcriptome is remodelled during differentiation but displays limited responsiveness within life stages. *BMC Genomics*, **2008**, 9, 298	4.5	82
177	GPI-anchored proteins and glycoconjugates segregate into lipid rafts in Kinetoplastida. *FEBS Letters* , **2001**, 491, 148-53	3.8	81
176	Differential endocytic functions of Trypanosoma brucei Rab5 isoforms reveal a glycosylphosphatidylinositol-specific endosomal pathway. *Journal of Biological Chemistry*, **2002**, 277, 9529-39	5.4	79
175	Evolution: On a bender--BARs, ESCRTs, COPs, and finally getting your coat. *Journal of Cell Biology*, **2011**, 193, 963-72	7.3	78
174	A developmentally regulated Rab11 homologue in Trypanosoma brucei is involved in recycling processes. *Journal of Cell Science*, **2001**, 114, 2617-2626	5.3	78
173	Subunit connectivity, assembly determinants and architecture of the yeast exocyst complex. *Nature Structural and Molecular Biology*, **2016**, 23, 59-66	17.6	76
172	Evolutionary cell biology: two origins, one objective. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 16990-4	11.5	75
171	Complexity of trypanosomatid endocytosis pathways revealed by Rab4 and Rab5 isoforms in Trypanosoma brucei. *Journal of Biological Chemistry*, **1998**, 273, 32102-10	5.4	75

170	A cell-surface phylome for African trypanosomes. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2121	4.8	72
169	Chromosome-wide analysis of gene function by RNA interference in the african trypanosome. *Eukaryotic Cell*, **2006**, 5, 1539-49		71
168	Rab protein evolution and the history of the eukaryotic endomembrane system. *Cellular and Molecular Life Sciences*, **2010**, 67, 3449-65	10.3	69
167	Molecular species analysis of phospholipids from Trypanosoma brucei bloodstream and procyclic forms. *Molecular and Biochemical Parasitology*, **1993**, 58, 97-105	1.9	69
166	The kinetoplastida endocytic apparatus. Part I: a dynamic system for nutrition and evasion of host defences. *Trends in Parasitology*, **2002**, 18, 491-6	6.4	67
165	Tandem duplication of rab genes followed by sequence divergence and acquisition of distinct functions in Trypanosoma brucei. *Journal of Biological Chemistry*, **1997**, 272, 10498-505	5.4	66
164	The single dynamin-like protein of Trypanosoma brucei regulates mitochondrial division and is not required for endocytosis. *Journal of Biological Chemistry*, **2004**, 279, 10692-701	5.4	66
163	The Evolution of Organellar Coat Complexes and Organization of the Eukaryotic Cell. *Annual Review of Biochemistry*, **2017**, 86, 637-657	29.1	65
162	Evolution of specificity in the eukaryotic endomembrane system. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 330-40	5.6	64
161	Cell-cycle and developmental regulation of TbRAB31 localisation, a GTP-locked Rab protein from Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2000**, 106, 21-35	1.9	64
160	Interactome Mapping Reveals the Evolutionary History of the Nuclear Pore Complex. *PLoS Biology*, **2016**, 14, e1002365	9.7	64
159	Isolation and characterization of subnuclear compartments from Trypanosoma brucei. Identification of a major repetitive nuclear lamina component. *Journal of Biological Chemistry*, **2001**, 276, 38261-71	5.4	60
158	Intracellular membrane transport systems in Trypanosoma brucei. *Traffic*, **2004**, 5, 905-13	5.7	59
157	The endocytic apparatus of the kinetoplastida. Part II: machinery and components of the system. *Trends in Parasitology*, **2002**, 18, 540-6	6.4	59
156	A bioinformatic analysis of the RAB genes of Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2005**, 141, 89-97	1.9	59
155	TbVps34, the trypanosome orthologue of Vps34, is required for Golgi complex segregation. *Journal of Biological Chemistry*, **2006**, 281, 27600-12	5.4	58
154	The changing view of eukaryogenesis - fossils, cells, lineages and how they all come together. *Journal of Cell Science*, **2016**, 129, 3695-3703	5.3	58
153	Genome of Leptomonas pyrrhocoris: a high-quality reference for monoxenous trypanosomatids and new insights into evolution of Leishmania. *Scientific Reports*, **2016**, 6, 23704	4.9	57

152	The streamlined genome of Phytomonas spp. relative to human pathogenic kinetoplastids reveals a parasite tailored for plants. *PLoS Genetics*, **2014**, 10, e1004007	6	56
151	Identification of a very large Rab GTPase family in the parasitic protozoan Trichomonas vaginalis. *Molecular and Biochemical Parasitology*, **2005**, 143, 226-35	1.9	54
150	High affinity nanobodies against the Trypanosome brucei VSG are potent trypanolytic agents that block endocytosis. *PLoS Pathogens*, **2011**, 7, e1002072	7.6	53
149	ER-associated protein degradation is a common mechanism underpinning numerous monogenic diseases including Robinow syndrome. *Human Molecular Genetics*, **2005**, 14, 2559-69	5.6	53
148	Transcriptome, proteome and draft genome of Euglena gracilis. *BMC Biology*, **2019**, 17, 11	7.3	52
147	Activation of endocytosis as an adaptation to the mammalian host by trypanosomes. *Eukaryotic Cell* , **2007**, 6, 2029-37		51
146	RAB-like 2 has an essential role in male fertility, sperm intra-flagellar transport, and tail assembly. *PLoS Genetics*, **2012**, 8, e1002969	6	50
145	Missing pieces of an ancient puzzle: evolution of the eukaryotic membrane-trafficking system. *Cold Spring Harbor Perspectives in Biology*, **2014**, 6, a016048	10.2	49
144	The mitochondrial respiratory chain of the secondary green alga Euglena gracilis shares many additional subunits with parasitic Trypanosomatidae. *Mitochondrion*, **2014**, 19 Pt B, 338-49	4.9	48
143	Both of the Rab5 subfamily small GTPases of Trypanosoma brucei are essential and required for endocytosis. *Molecular and Biochemical Parasitology*, **2004**, 138, 67-77	1.9	48
142	Developmental variation in Rab11-dependent trafficking in Trypanosoma brucei. *Eukaryotic Cell*, **2005**, 4, 971-80		48
141	Clinical and veterinary trypanocidal benzoxaboroles target CPSF3. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 9616-9621	11.5	48
140	Life and times: synthesis, trafficking, and evolution of VSG. *Trends in Parasitology*, **2014**, 30, 251-8	6.4	47
139	Implications of the new eukaryotic systematics for parasitologists. *Parasitology International*, **2008**, 57, 97-104	2.1	47
138	Pyrimidine salvage in Trypanosoma brucei bloodstream forms and the trypanocidal action of halogenated pyrimidines. *Molecular Pharmacology*, **2013**, 83, 439-53	4.3	46
137	Ubiquitylation is required for degradation of transmembrane surface proteins in trypanosomes. *Traffic*, **2008**, 9, 1681-97	5.7	45
136	Antigenic variation in African trypanosomes: the importance of chromosomal and nuclear context in VSG expression control. *Cellular Microbiology*, **2013**, 15, 1984-93	3.9	43
135	Evolution of the karyopherin-family of nucleocytoplasmic transport factors; ancient origins and continued specialization. *PLoS ONE*, **2011**, 6, e19308	3.7	43

134	New approaches to the microscopic imaging of Trypanosoma brucei. *Microscopy and Microanalysis*, **2004**, 10, 621-36	0.5	43
133	Ancient Eukaryotic Origin and Evolutionary Plasticity of Nuclear Lamina. *Genome Biology and Evolution*, **2016**, 8, 2663-71	3.9	41
132	The mechanism of oxidative stress stabilization of the thromboxane receptor in COS-7 cells. *Journal of Biological Chemistry*, **2004**, 279, 8316-24	5.4	41
131	Ubiquitylation and developmental regulation of invariant surface protein expression in trypanosomes. *Eukaryotic Cell*, **2011**, 10, 916-31		40
130	Intracellular trafficking in the trypanosomatids. *Traffic*, **2007**, 8, 629-39	5.7	40
129	Cytoplasmic targeting signals in transmembrane invariant surface glycoproteins of trypanosomes. *Journal of Biological Chemistry*, **2004**, 279, 54887-95	5.4	39
128	Evolution of the nucleus. *Current Opinion in Cell Biology*, **2014**, 28, 8-15	9	38
127	Adaptin evolution in kinetoplastids and emergence of the variant surface glycoprotein coat in African trypanosomatids. *Molecular Phylogenetics and Evolution*, **2013**, 67, 123-8	4.1	36
126	Evolution of Tre-2/Bub2/Cdc16 (TBC) Rab GTPase-activating proteins. *Molecular Biology of the Cell*, **2013**, 24, 1574-83	3.5	36
125	The single ENTH-domain protein of trypanosomes; endocytic functions and evolutionary relationship with epsin. *Traffic*, **2009**, 10, 894-911	5.7	36
124	Characterisation of protein isoprenylation in procyclic form Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **1996**, 82, 67-80	1.9	36
123	Monoallelic expression and epigenetic inheritance sustained by a Trypanosoma brucei variant surface glycoprotein exclusion complex. *Nature Communications*, **2019**, 10, 3023	17.4	35
122	Architecture of a Host-Parasite Interface: Complex Targeting Mechanisms Revealed Through Proteomics. *Molecular and Cellular Proteomics*, **2015**, 14, 1911-26	7.6	34
121	Enriching the pore: splendid complexity from humble origins. *Traffic*, **2014**, 15, 141-56	5.7	34
120	Rab4 is an essential regulator of lysosomal trafficking in trypanosomes. *Journal of Biological Chemistry*, **2004**, 279, 45047-56	5.4	34
119	TbRAB1 and TbRAB2 mediate trafficking through the early secretory pathway of Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2004**, 137, 253-65	1.9	34
118	A draft genome for the African crocodilian trypanosome Trypanosoma grayi. *Scientific Data*, **2014**, 1, 140024	8.2	33
117	Chaperone requirements for biosynthesis of the trypanosome variant surface glycoprotein. *PLoS ONE*, **2010**, 5, e8468	3.7	32

116	An evolutionarily conserved coiled-coil protein implicated in polycystic kidney disease is involved in basal body duplication and flagellar biogenesis in Trypanosoma brucei. *Molecular and Cellular Biology*, **2005**, 25, 3774-83	4.8	32
115	Differential localization of the two T. brucei poly(A) binding proteins to the nucleus and RNP granules suggests binding to distinct mRNA pools. *PLoS ONE*, **2013**, 8, e54004	3.7	32
114	Proteomic analysis of clathrin interactions in trypanosomes reveals dynamic evolution of endocytosis. *Traffic*, **2013**, 14, 440-57	5.7	30
113	Signalling the genome: the Ras-like small GTPase family of trypanosomatids. *Trends in Parasitology*, **2005**, 21, 447-50	6.4	30
112	Metabolic quirks and the colourful history of the Euglena gracilis secondary plastid. *New Phytologist*, **2020**, 225, 1578-1592	9.8	30
111	The cell biology of the endocytic system from an evolutionary perspective. *Cold Spring Harbor Perspectives in Biology*, **2014**, 6, a016998	10.2	29
110	Rab28 function in trypanosomes: interactions with retromer and ESCRT pathways. *Journal of Cell Science*, **2011**, 124, 3771-83	5.3	29
109	Dileucine signal-dependent and AP-1-independent targeting of a lysosomal glycoprotein in Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2007**, 156, 175-90	1.9	29
108	Euglena gracilis Genome and Transcriptome: Organelles, Nuclear Genome Assembly Strategies and Initial Features. *Advances in Experimental Medicine and Biology*, **2017**, 979, 125-140	3.6	28
107	Receptor-mediated endocytosis for drug delivery in African trypanosomes: fulfilling Paul Ehrlich's vision of chemotherapy. *Trends in Parasitology*, **2013**, 29, 207-12	6.4	28
106	Evidence for a non-LDL-mediated entry route for the trypanocidal drug suramin in Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2002**, 122, 217-21	1.9	28
105	An automated graphics tool for comparative genomics: the Coulson plot generator. *BMC Bioinformatics*, **2013**, 14, 141	3.6	26
104	Macromolecular trafficking and immune evasion in african trypanosomes. *International Review of Cell and Molecular Biology*, **2009**, 278, 1-67	6	25
103	Leishmania RAB7: characterisation of terminal endocytic stages in an intracellular parasite. *Molecular and Biochemical Parasitology*, **2002**, 123, 105-13	1.9	25
102	The farnesyltransferase inhibitor manumycin A is a novel trypanocide with a complex mode of action including major effects on mitochondria. *Molecular and Biochemical Parasitology*, **1999**, 104, 67-80	1.9	25
101	Evolutionary origins and specialisation of membrane transport. *Current Opinion in Cell Biology*, **2018**, 53, 70-76	9	25
100	Benzoxaborole treatment perturbs S-adenosyl-L-methionine metabolism in Trypanosoma brucei. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006450	4.8	24
99	Specializations in a successful parasite: what makes the bloodstream-form African trypanosome so deadly?. *Molecular and Biochemical Parasitology*, **2011**, 179, 51-8	1.9	24

98	TbRAB18, a developmentally regulated Golgi GTPase from Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2002**, 121, 63-74	1.9	24
97	Pore timing: the evolutionary origins of the nucleus and nuclear pore complex. *F1000Research*, **2019**, 8,	3.6	24
96	Epigenetic mechanisms, nuclear architecture and the control of gene expression in trypanosomes. *Expert Reviews in Molecular Medicine*, **2012**, 14, e13	6.7	23
95	Proteasome and thiol involvement in quality control of glycosylphosphatidylinositol anchor addition. *Biochemical Journal*, **1998**, 332 (Pt 1), 111-8	3.8	22
94	Exploiting the AchillesSheel of membrane trafficking in trypanosomes. *Current Opinion in Microbiology*, **2016**, 34, 97-103	7.9	22
93	Modulation of the Surface Proteome through Multiple Ubiquitylation Pathways in African Trypanosomes. *PLoS Pathogens*, **2015**, 11, e1005236	7.6	21
92	A homologue of the nuclear GTPase ran/TC4 from Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **1995**, 69, 131-4	1.9	21
91	Sequence divergence in a family of variant surface glycoprotein genes from trypanosomes: coding region hypervariability and downstream recombinogenic repeats. *Journal of Molecular Evolution*, **1996**, 42, 500-11	3.1	21
90	Nuclear pore complex evolution: a trypanosome Mlp analogue functions in chromosomal segregation but lacks transcriptional barrier activity. *Molecular Biology of the Cell*, **2014**, 25, 1421-36	3.5	19
89	ENTH and ANTH domain proteins participate in AP2-independent clathrin-mediated endocytosis. *Journal of Cell Science*, **2015**, 128, 2130-42	5.3	19
88	Telomeres, tethers and trypanosomes. *Nucleus*, **2012**, 3, 478-86	3.9	19
87	Trypanosoma brucei: TbRAB4 regulates membrane recycling and expression of surface proteins in procyclic forms. *Experimental Parasitology*, **2005**, 111, 160-71	2.1	19
86	The Trypanosome Exocyst: A Conserved Structure Revealing a New Role in Endocytosis. *PLoS Pathogens*, **2017**, 13, e1006063	7.6	19
85	High-yield isolation and subcellular proteomic characterization of nuclear and subnuclear structures from trypanosomes. *Methods in Molecular Biology*, **2008**, 463, 77-92	1.4	19
84	High-Efficiency Isolation of Nuclear Envelope Protein Complexes from Trypanosomes. *Methods in Molecular Biology*, **2016**, 1411, 67-80	1.4	19
83	Dramatic reorganisation of Trichomonas endomembranes during amoebal transformation: a possible role for G-proteins. *Molecular and Biochemical Parasitology*, **2006**, 148, 99-102	1.9	18
82	Evolution of the endomembrane systems of trypanosomatids - conservation and specialisation. *Journal of Cell Science*, **2017**, 130, 1421-1434	5.3	17
81	The Artemisinin Susceptibility-Associated AP-2 Adaptin □subunit is Clathrin Independent and Essential for Schizont Maturation. *MBio*, **2020**, 11,	7.8	17

80	Terminal galactosylation of glycoconjugates in Plasmodium falciparum asexual blood stages and Trypanosoma brucei bloodstream trypomastigotes. *Experimental Parasitology*, **2012**, 130, 314-20	2.1	17
79	Host-parasite co-metabolic activation of antitrypanosomal aminomethyl-benzoxaboroles. *PLoS Pathogens*, **2018**, 14, e1006850	7.6	17
78	Resolving the homology-function relationship through comparative genomics of membrane-trafficking machinery and parasite cell biology. *Molecular and Biochemical Parasitology*, **2016**, 209, 88-103	1.9	17
77	A comparative analysis of trypanosomatid SNARE proteins. *Parasitology International*, **2014**, 63, 341-8	2.1	16
76	Evidence for recycling of invariant surface transmembrane domain proteins in African trypanosomes. *Eukaryotic Cell*, **2013**, 12, 330-42		16
75	Conservation and divergence within the clathrin interactome of Trypanosoma cruzi. *Scientific Reports*, **2016**, 6, 31212	4.9	16
74	Comparative proteomics of the two T. brucei PABPs suggests that PABP2 controls bulk mRNA. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006679	4.8	16
73	Suramin exposure alters cellular metabolism and mitochondrial energy production in African trypanosomes. *Journal of Biological Chemistry*, **2020**, 295, 8331-8347	5.4	15
72	Quality control of glycosylphosphatidylinositol anchor attachment in mammalian cells: a biochemical study. *Biochemical Journal*, **1997**, 321 (Pt 3), 655-64	3.8	15
71	Leishmania major: clathrin and adaptin complexes of an intra-cellular parasite. *Experimental Parasitology*, **2005**, 109, 33-7	2.1	15
70	A leucine aminopeptidase is involved in kinetoplast DNA segregation in Trypanosoma brucei. *PLoS Pathogens*, **2017**, 13, e1006310	7.6	15
69	Co-dependence between trypanosome nuclear lamina components in nuclear stability and control of gene expression. *Nucleic Acids Research*, **2016**, 44, 10554-10570	20.1	13
68	Quantitative sequencing confirms VSG diversity as central to immune evasion by Trypanosoma brucei. *Trends in Parasitology*, **2015**, 31, 346-9	6.4	13
67	The ancient small GTPase Rab21 functions in intermediate endocytic steps in trypanosomes. *Eukaryotic Cell*, **2014**, 13, 304-19		13
66	Rab23 is a flagellar protein in Trypanosoma brucei. *BMC Research Notes*, **2011**, 4, 190	2.3	13
65	Rab11 function in Trypanosoma brucei: identification of conserved and novel interaction partners. *Eukaryotic Cell*, **2011**, 10, 1082-94		13
64	Reductionist Pathways for Parasitism in Euglenozoans? Expanded Datasets Provide New Insights. *Trends in Parasitology*, **2021**, 37, 100-116	6.4	13
63	Localization of serum resistance-associated protein in Trypanosoma brucei rhodesiense and transgenic Trypanosoma brucei brucei. *Cellular Microbiology*, **2015**, 17, 1523-35	3.9	12

62	Lineage-specific proteins essential for endocytosis in trypanosomes. *Journal of Cell Science*, **2017**, 130, 1379-1392	5.3	11
61	Comparative interactomics provides evidence for functional specialization of the nuclear pore complex. *Nucleus*, **2017**, 8, 340-352	3.9	11
60	A Uniquely Complex Mitochondrial Proteome from Euglena gracilis. *Molecular Biology and Evolution* , **2020**, 37, 2173-2191	8.3	11
59	How complex is GTPase signaling in trypanosomes?. *Trends in Parasitology*, **2008**, 24, 253-7	6.4	11
58	Characterization of a glycosylphosphatidylinositol membrane protein anchor precursor in Leishmania mexicana. *Molecular and Biochemical Parasitology*, **1991**, 48, 227-9	1.9	11
57	Proteomics on the rims: insights into the biology of the nuclear envelope and flagellar pocket of trypanosomes. *Parasitology*, **2012**, 139, 1158-67	2.7	10
56	Evidence that low endocytic activity is not directly responsible for human serum resistance in the insect form of African trypanosomes. *BMC Research Notes*, **2010**, 3, 63	2.3	10
55	Leptomonas seymouri, Trypanosoma brucei: a method for isolating trypanosomatid nuclear factors which bind T. brucei single-stranded g-rich telomere sequence. *Experimental Parasitology*, **1996**, 83, 155-8	2.1	10
54	Regulation of early endosomes across eukaryotes: Evolution and functional homology of Vps9 proteins. *Traffic*, **2018**, 19, 546-563	5.7	9
53	Trypanosoma brucei: trypanosome-specific endoplasmic reticulum proteins involved in variant surface glycoprotein expression. *Experimental Parasitology*, **2010**, 125, 208-21	2.1	9
52	TbRAB23; a nuclear-associated Rab protein from Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2004**, 136, 297-301	1.9	9
51	An extensive endoplasmic reticulum-localised glycoprotein family in trypanosomatids. *Microbial Cell*, **2014**, 1, 325-345	3.9	9
50	Evolving Differentiation in African Trypanosomes. *Trends in Parasitology*, **2021**, 37, 296-303	6.4	9
49	A novel Rho-like protein TbRHP is involved in spindle formation and mitosis in trypanosomes. *PLoS ONE*, **2011**, 6, e26890	3.7	8
48	The trypanosome Rab-related proteins RabX1 and RabX2 play no role in intracellular trafficking but may be involved in fly infectivity. *PLoS ONE*, **2009**, 4, e7217	3.7	8
47	Export of a misprocessed GPI-anchored protein from the endoplasmic reticulum in vitro in an ATP- and cytosol-dependent manner. *FEBS Letters*, **2000**, 483, 32-6	3.8	8
46	SUMOylated SNF2PH promotes variant surface glycoprotein expression in bloodstream trypanosomes. *EMBO Reports*, **2019**, 20, e48029	6.5	8
45	A microsomal GTPase is required for glycopeptide export from the mammalian endoplasmic reticulum. *Journal of Biological Chemistry*, **2000**, 275, 33222-30	5.4	7

44	Regulation of thromboxane receptor signaling at multiple levels by oxidative stress-induced stabilization, relocation and enhanced responsiveness. *PLoS ONE*, **2010**, 5, e12798	3.7	7
43	Specialising the parasite nucleus: Pores, lamins, chromatin, and diversity. *PLoS Pathogens*, **2017**, 13, e1006670	7.6	7
42	Instability of aquaglyceroporin (AQP) 2 contributes to drug resistance in Trypanosoma brucei. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0008458	4.8	6
41	Adaptation and Therapeutic Exploitation of the Plasma Membrane of African Trypanosomes. *Genes*, **2018**, 9,	4.2	6
40	Expression of a specific variant surface glycoprotein has a major impact on suramin sensitivity and endocytosis in. *FASEB BioAdvances*, **2019**, 1, 595-608	2.8	6
39	Phosphoinositides, kinases and adaptors coordinating endocytosis in Trypanosoma brucei. *Communicative and Integrative Biology*, **2015**, 8, e1082691	1.7	6
38	Development of a High-Throughput Screening Assay to Identify Inhibitors of the Major M17-Leucyl Aminopeptidase from Using RapidFire Mass Spectrometry. *SLAS Discovery*, **2020**, 25, 1064-1071	3.4	5
37	Diversification of CORVET tethers facilitates transport complexity in. *Journal of Cell Science*, **2020**, 133,	5.3	5
36	Touching from a distance. *Nucleus*, **2014**, 5, 304-10	3.9	5
35	Trypanosoma brucei brucei: endocytic recycling is important for mouse infectivity. *Experimental Parasitology*, **2011**, 127, 777-83	2.1	5
34	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs. *PLoS Pathogens*, **2020**, 16, e1008932	7.6	5
33	Evolution of protein trafficking in kinetoplastid parasites: Complexity and pathogenesis. *Traffic*, **2018**, 19, 803-812	5.7	4
32	Analysis of small GTPase function in trypanosomes. *Methods in Enzymology*, **2008**, 438, 57-76	1.7	4
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9	A novel membrane complex is required for docking and regulated exocytosis of lysosome-related organelles in Tetrahymena thermophila.. *PLoS Genetics*, **2022**, 18, e1010194	6	0

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8	Reconstitution of glycopeptide export in mixed detergent-solubilised and resealed microsomes depleted of lumenal components. *Journal of Proteomics*, **2005**, 62, 1-12	
7	Cell Biology for Immune Evasion: Organizing Antigenic Variation, Surfaces, Trafficking, and Cellular Structures in Trypanosoma brucei **2014**, 1-39	
6	Kinetoplastid cell biology and genetics, from the 2020 British Society for Parasitology Trypanosomiasis and Leishmaniasis symposium, Granada, Spain. *Parasitology*, **2021**, 148, 1119-1124	2.7
5	Automated Phylogenetic Analysis Using Best Reciprocal BLAST. *Methods in Molecular Biology*, **2021**, 2369, 41-63	1.4
4	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs **2020**, 16, e1008932	
3	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs **2020**, 16, e1008932	
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1	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs **2020**, 16, e1008932	