

Mark C Field

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Proteomics uncovers novel components of an interactive protein network supporting RNA export in trypanosomes.. <i>Molecular and Cellular Proteomics</i> , 2022 , 100208	7.6	0
204	CRISPR/Cas9-based precision tagging of essential genes in bloodstream form African trypanosomes.. <i>Molecular and Biochemical Parasitology</i> , 2022 , 111476	1.9	0
203	A novel membrane complex is required for docking and regulated exocytosis of lysosome-related organelles in <i>Tetrahymena thermophila</i> .. <i>PLoS Genetics</i> , 2022 , 18, e1010194	6	0
202	Evolving Differentiation in African Trypanosomes. <i>Trends in Parasitology</i> , 2021 , 37, 296-303	6.4	9
201	Kinetoplastid cell biology and genetics, from the 2020 British Society for Parasitology Trypanosomiasis and Leishmaniasis symposium, Granada, Spain. <i>Parasitology</i> , 2021 , 148, 1119-1124	2.7	
200	Expression in <i>Escherichia coli</i> , purification and kinetic characterization of LAPLM, a <i>Leishmania</i> major M17-aminopeptidase. <i>Protein Expression and Purification</i> , 2021 , 183, 105877	2	1
199	Evolution and diversification of the nuclear pore complex. <i>Biochemical Society Transactions</i> , 2021 , 49, 1601-1619	5.1	2
198	Reductionist Pathways for Parasitism in Euglenozoans? Expanded Datasets Provide New Insights. <i>Trends in Parasitology</i> , 2021 , 37, 100-116	6.4	13
197	Automated Phylogenetic Analysis Using Best Reciprocal BLAST. <i>Methods in Molecular Biology</i> , 2021 , 2369, 41-63	1.4	
196	Evolution, function and roles in drug sensitivity of trypanosome aquaglyceroporins. <i>Parasitology</i> , 2021 , 148, 1137-1142	2.7	2
195	The distinctive flagellar proteome of <i>Euglena gracilis</i> illuminates the complexities of protistan flagella adaptation. <i>New Phytologist</i> , 2021 , 232, 1323-1336	9.8	1
194	Evolution and diversification of the nuclear envelope. <i>Nucleus</i> , 2021 , 12, 21-41	3.9	3
193	The Artemisinin Susceptibility-Associated AP-2 Adaptor 1 Subunit is Clathrin Independent and Essential for Schizont Maturation. <i>MBio</i> , 2020 , 11,	7.8	17
192	Suramin exposure alters cellular metabolism and mitochondrial energy production in African trypanosomes. <i>Journal of Biological Chemistry</i> , 2020 , 295, 8331-8347	5.4	15
191	Development of a High-Throughput Screening Assay to Identify Inhibitors of the Major M17-Leucyl Aminopeptidase from Using RapidFire Mass Spectrometry. <i>SLAS Discovery</i> , 2020 , 25, 1064-1071	3.4	5
190	A Uniquely Complex Mitochondrial Proteome from <i>Euglena gracilis</i> . <i>Molecular Biology and Evolution</i> , 2020 , 37, 2173-2191	8.3	11
189	EIF2 γ phosphorylation is regulated in intracellular amastigotes for the generation of infective <i>Trypanosoma cruzi</i> trypomastigote forms. <i>Cellular Microbiology</i> , 2020 , 22, e13243	3.9	0

188	Instability of aquaglyceroporin (AQP) 2 contributes to drug resistance in <i>Trypanosoma brucei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008458	4.8	6
187	Diversification of CORVET tethers facilitates transport complexity in. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	5
186	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs. <i>PLoS Pathogens</i> , 2020 , 16, e1008932	7.6	5
185	Metabolic quirks and the colourful history of the <i>Euglena gracilis</i> secondary plastid. <i>New Phytologist</i> , 2020 , 225, 1578-1592	9.8	30
184	Sorting the Muck from the Brass: Analysis of Protein Complexes and Cell Lysates. <i>Methods in Molecular Biology</i> , 2020 , 2116, 645-653	1.4	1
183	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs 2020 , 16, e1008932		
182	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs 2020 , 16, e1008932		
181	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs 2020 , 16, e1008932		
180	Veterinary trypanocidal benzoxaboroles are peptidase-activated prodrugs 2020 , 16, e1008932		
179	The kinetochore and the origin of eukaryotic chromosome segregation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 12596-12598	11.5	1
178	Transcriptome, proteome and draft genome of <i>Euglena gracilis</i> . <i>BMC Biology</i> , 2019 , 17, 11	7.3	52
177	Monoallelic expression and epigenetic inheritance sustained by a <i>Trypanosoma brucei</i> variant surface glycoprotein exclusion complex. <i>Nature Communications</i> , 2019 , 10, 3023	17.4	35
176	Expression of a specific variant surface glycoprotein has a major impact on suramin sensitivity and endocytosis in. <i>FASEB BioAdvances</i> , 2019 , 1, 595-608	2.8	6
175	Pore timing: the evolutionary origins of the nucleus and nuclear pore complex. <i>F1000Research</i> , 2019 , 8,	3.6	24
174	Evolution of late steps in exocytosis: conservation, specialization. <i>Wellcome Open Research</i> , 2019 , 4, 112	4.8	1
173	Evolution of late steps in exocytosis: conservation and specialization of the exocyst complex. <i>Wellcome Open Research</i> , 2019 , 4, 112	4.8	1
172	SUMOylated SNF2PH promotes variant surface glycoprotein expression in bloodstream trypanosomes. <i>EMBO Reports</i> , 2019 , 20, e48029	6.5	8
171	Involvement in surface antigen expression by a moonlighting FG-repeat nucleoporin in trypanosomes. <i>Molecular Biology of the Cell</i> , 2018 , 29, 1100-1110	3.5	3

170	Regulation of early endosomes across eukaryotes: Evolution and functional homology of Vps9 proteins. <i>Traffic</i> , 2018 , 19, 546-563	5.7	9
169	Evolution of protein trafficking in kinetoplastid parasites: Complexity and pathogenesis. <i>Traffic</i> , 2018 , 19, 803-812	5.7	4
168	Benzoxaborole treatment perturbs S-adenosyl-L-methionine metabolism in <i>Trypanosoma brucei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006450	4.8	24
167	Adaptation and Therapeutic Exploitation of the Plasma Membrane of African Trypanosomes. <i>Genes</i> , 2018 , 9,	4.2	6
166	Host-parasite co-metabolic activation of antitrypanosomal aminomethyl-benzoxaboroles. <i>PLoS Pathogens</i> , 2018 , 14, e1006850	7.6	17
165	Comparative proteomics of the two <i>T. brucei</i> PABPs suggests that PABP2 controls bulk mRNA. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006679	4.8	16
164	Clinical and veterinary trypanocidal benzoxaboroles target CPSF3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9616-9621	11.5	48
163	Evolutionary origins and specialisation of membrane transport. <i>Current Opinion in Cell Biology</i> , 2018 , 53, 70-76	9	25
162	Anti-trypanosomatid drug discovery: an ongoing challenge and a continuing need. <i>Nature Reviews Microbiology</i> , 2017 , 15, 217-231	22.2	225
161	Lineage-specific proteins essential for endocytosis in trypanosomes. <i>Journal of Cell Science</i> , 2017 , 130, 1379-1392	5.3	11
160	<i>Euglena gracilis</i> Genome and Transcriptome: Organelles, Nuclear Genome Assembly Strategies and Initial Features. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 979, 125-140	3.6	28
159	The Evolution of Organellar Coat Complexes and Organization of the Eukaryotic Cell. <i>Annual Review of Biochemistry</i> , 2017 , 86, 637-657	29.1	65
158	Comparative interactomics provides evidence for functional specialization of the nuclear pore complex. <i>Nucleus</i> , 2017 , 8, 340-352	3.9	11
157	Evolution of the endomembrane systems of trypanosomatids - conservation and specialisation. <i>Journal of Cell Science</i> , 2017 , 130, 1421-1434	5.3	17
156	The Trypanosome Exocyst: A Conserved Structure Revealing a New Role in Endocytosis. <i>PLoS Pathogens</i> , 2017 , 13, e1006063	7.6	19
155	Specialising the parasite nucleus: Pores, lamins, chromatin, and diversity. <i>PLoS Pathogens</i> , 2017 , 13, e1006670	7	7
154	A leucine aminopeptidase is involved in kinetoplast DNA segregation in <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2017 , 13, e1006310	7.6	15
153	Genome of <i>Leptomonas pyrrhocoris</i> : a high-quality reference for monoxenous trypanosomatids and new insights into evolution of <i>Leishmania</i> . <i>Scientific Reports</i> , 2016 , 6, 23704	4.9	57

152	Co-dependence between trypanosome nuclear lamina components in nuclear stability and control of gene expression. <i>Nucleic Acids Research</i> , 2016 , 44, 10554-10570	20.1	13
151	Ancient Eukaryotic Origin and Evolutionary Plasticity of Nuclear Lamina. <i>Genome Biology and Evolution</i> , 2016 , 8, 2663-71	3.9	41
150	Subunit connectivity, assembly determinants and architecture of the yeast exocyst complex. <i>Nature Structural and Molecular Biology</i> , 2016 , 23, 59-66	17.6	76
149	Kinetoplastid Phylogenomics Reveals the Evolutionary Innovations Associated with the Origins of Parasitism. <i>Current Biology</i> , 2016 , 26, 161-172	6.3	98
148	Interactome Mapping Reveals the Evolutionary History of the Nuclear Pore Complex. <i>PLoS Biology</i> , 2016 , 14, e1002365	9.7	64
147	Conservation and divergence within the clathrin interactome of <i>Trypanosoma cruzi</i> . <i>Scientific Reports</i> , 2016 , 6, 31212	4.9	16
146	High-Efficiency Isolation of Nuclear Envelope Protein Complexes from Trypanosomes. <i>Methods in Molecular Biology</i> , 2016 , 1411, 67-80	1.4	19
145	Exploiting the AchillesSheel of membrane trafficking in trypanosomes. <i>Current Opinion in Microbiology</i> , 2016 , 34, 97-103	7.9	22
144	The changing view of eukaryogenesis - fossils, cells, lineages and how they all come together. <i>Journal of Cell Science</i> , 2016 , 129, 3695-3703	5.3	58
143	Resolving the homology-function relationship through comparative genomics of membrane-trafficking machinery and parasite cell biology. <i>Molecular and Biochemical Parasitology</i> , 2016 , 209, 88-103	1.9	17
142	Localization of serum resistance-associated protein in <i>Trypanosoma brucei rhodesiense</i> and transgenic <i>Trypanosoma brucei brucei</i> . <i>Cellular Microbiology</i> , 2015 , 17, 1523-35	3.9	12
141	Modulation of the Surface Proteome through Multiple Ubiquitylation Pathways in African Trypanosomes. <i>PLoS Pathogens</i> , 2015 , 11, e1005236	7.6	21
140	ENTH and ANTH domain proteins participate in AP2-independent clathrin-mediated endocytosis. <i>Journal of Cell Science</i> , 2015 , 128, 2130-42	5.3	19
139	Quantitative sequencing confirms VSG diversity as central to immune evasion by <i>Trypanosoma brucei</i> . <i>Trends in Parasitology</i> , 2015 , 31, 346-9	6.4	13
138	Architecture of a Host-Parasite Interface: Complex Targeting Mechanisms Revealed Through Proteomics. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1911-26	7.6	34
137	Phosphoinositides, kinases and adaptors coordinating endocytosis in <i>Trypanosoma brucei</i> . <i>Communicative and Integrative Biology</i> , 2015 , 8, e1082691	1.7	6
136	Evolution of the nucleus. <i>Current Opinion in Cell Biology</i> , 2014 , 28, 8-15	9	38
135	Life and times: synthesis, trafficking, and evolution of VSG. <i>Trends in Parasitology</i> , 2014 , 30, 251-8	6.4	47

134	A comparative analysis of trypanosomatid SNARE proteins. <i>Parasitology International</i> , 2014 , 63, 341-8	2.1	16
133	Evolutionary cell biology: two origins, one objective. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16990-4	11.5	75
132	Missing pieces of an ancient puzzle: evolution of the eukaryotic membrane-trafficking system. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014 , 6, a016048	10.2	49
131	The cell biology of the endocytic system from an evolutionary perspective. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014 , 6, a016998	10.2	29
130	Nuclear pore complex evolution: a trypanosome Mlp analogue functions in chromosomal segregation but lacks transcriptional barrier activity. <i>Molecular Biology of the Cell</i> , 2014 , 25, 1421-36	3.5	19
129	The mitochondrial respiratory chain of the secondary green alga <i>Euglena gracilis</i> shares many additional subunits with parasitic Trypanosomatidae. <i>Mitochondrion</i> , 2014 , 19 Pt B, 338-49	4.9	48
128	A draft genome for the African crocodylian trypanosome <i>Trypanosoma grayi</i> . <i>Scientific Data</i> , 2014 , 1, 140024	8.2	33
127	Touching from a distance. <i>Nucleus</i> , 2014 , 5, 304-10	3.9	5
126	The streamlined genome of <i>Phytomonas</i> spp. relative to human pathogenic kinetoplastids reveals a parasite tailored for plants. <i>PLoS Genetics</i> , 2014 , 10, e1004007	6	56
125	The ancient small GTPase Rab21 functions in intermediate endocytic steps in trypanosomes. <i>Eukaryotic Cell</i> , 2014 , 13, 304-19		13
124	Enriching the pore: splendid complexity from humble origins. <i>Traffic</i> , 2014 , 15, 141-56	5.7	34
123	An extensive endoplasmic reticulum-localised glycoprotein family in trypanosomatids. <i>Microbial Cell</i> , 2014 , 1, 325-345	3.9	9
122	Cell Biology for Immune Evasion: Organizing Antigenic Variation, Surfaces, Trafficking, and Cellular Structures in <i>Trypanosoma brucei</i> 2014 , 1-39		
121	Molecular paleontology and complexity in the last eukaryotic common ancestor. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013 , 48, 373-96	8.7	128
120	An automated graphics tool for comparative genomics: the Coulson plot generator. <i>BMC Bioinformatics</i> , 2013 , 14, 141	3.6	26
119	TbFRP, a novel FYVE-domain containing phosphoinositide-binding Ras-like GTPase from trypanosomes. <i>Experimental Parasitology</i> , 2013 , 133, 255-64	2.1	2
118	Antigenic variation in African trypanosomes: the importance of chromosomal and nuclear context in VSG expression control. <i>Cellular Microbiology</i> , 2013 , 15, 1984-93	3.9	43
117	Receptor-mediated endocytosis for drug delivery in African trypanosomes: fulfilling Paul Ehrlich's vision of chemotherapy. <i>Trends in Parasitology</i> , 2013 , 29, 207-12	6.4	28

116	Adaptin evolution in kinetoplastids and emergence of the variant surface glycoprotein coat in African trypanosomatids. <i>Molecular Phylogenetics and Evolution</i> , 2013 , 67, 123-8	4.1	36
115	Proteomic analysis of clathrin interactions in trypanosomes reveals dynamic evolution of endocytosis. <i>Traffic</i> , 2013 , 14, 440-57	5.7	30
114	Cell density-dependent ectopic expression in bloodstream form <i>Trypanosoma brucei</i> . <i>Experimental Parasitology</i> , 2013 , 134, 249-55	2.1	2
113	Evidence for recycling of invariant surface transmembrane domain proteins in African trypanosomes. <i>Eukaryotic Cell</i> , 2013 , 12, 330-42		16
112	A cell-surface phylome for African trypanosomes. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2121	4.8	72
111	Evolution of Tre-2/Bub2/Cdc16 (TBC) Rab GTPase-activating proteins. <i>Molecular Biology of the Cell</i> , 2013 , 24, 1574-83	3.5	36
110	Evolution of modular intraflagellar transport from a coatomer-like progenitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6943-8	11.5	110
109	Pyrimidine salvage in <i>Trypanosoma brucei</i> bloodstream forms and the trypanocidal action of halogenated pyrimidines. <i>Molecular Pharmacology</i> , 2013 , 83, 439-53	4.3	46
108	Differential localization of the two <i>T. brucei</i> poly(A) binding proteins to the nucleus and RNP granules suggests binding to distinct mRNA pools. <i>PLoS ONE</i> , 2013 , 8, e54004	3.7	32
107	High-throughput decoding of antitrypanosomal drug efficacy and resistance. <i>Nature</i> , 2012 , 482, 232-6	50.4	229
106	NUP-1 Is a large coiled-coil nucleoskeletal protein in trypanosomes with lamin-like functions. <i>PLoS Biology</i> , 2012 , 10, e1001287	9.7	86
105	Epigenetic mechanisms, nuclear architecture and the control of gene expression in trypanosomes. <i>Expert Reviews in Molecular Medicine</i> , 2012 , 14, e13	6.7	23
104	Terminal galactosylation of glycoconjugates in <i>Plasmodium falciparum</i> asexual blood stages and <i>Trypanosoma brucei</i> bloodstream trypomastigotes. <i>Experimental Parasitology</i> , 2012 , 130, 314-20	2.1	17
103	RAB-like 2 has an essential role in male fertility, sperm intra-flagellar transport, and tail assembly. <i>PLoS Genetics</i> , 2012 , 8, e1002969	6	50
102	Telomeres, tethers and trypanosomes. <i>Nucleus</i> , 2012 , 3, 478-86	3.9	19
101	Antigenic diversity is generated by distinct evolutionary mechanisms in African trypanosome species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3416-21	11.5	114
100	Sculpting the endomembrane system in deep time: high resolution phylogenetics of Rab GTPases. <i>Journal of Cell Science</i> , 2012 , 125, 2500-8	5.3	115
99	Proteomics on the rims: insights into the biology of the nuclear envelope and flagellar pocket of trypanosomes. <i>Parasitology</i> , 2012 , 139, 1158-67	2.7	10

98	The Emergence of Cellular Complexity at the Dawn of the Eukaryotes: Reconstructing the Endomembrane System with In Silico and Functional Analyses 2011 , 153-167		1
97	Evolution of the karyopherin- β family of nucleocytoplasmic transport factors; ancient origins and continued specialization. <i>PLoS ONE</i> , 2011 , 6, e19308	3.7	43
96	A novel Rho-like protein TbrHP is involved in spindle formation and mitosis in trypanosomes. <i>PLoS ONE</i> , 2011 , 6, e26890	3.7	8
95	Ubiquitylation and developmental regulation of invariant surface protein expression in trypanosomes. <i>Eukaryotic Cell</i> , 2011 , 10, 916-31		40
94	Specializations in a successful parasite: what makes the bloodstream-form African trypanosome so deadly?. <i>Molecular and Biochemical Parasitology</i> , 2011 , 179, 51-8	1.9	24
93	<i>Trypanosoma brucei brucei</i> : endocytic recycling is important for mouse infectivity. <i>Experimental Parasitology</i> , 2011 , 127, 777-83	2.1	5
92	Rab23 is a flagellar protein in <i>Trypanosoma brucei</i> . <i>BMC Research Notes</i> , 2011 , 4, 190	2.3	13
91	Rab28 function in trypanosomes: interactions with retromer and ESCRT pathways. <i>Journal of Cell Science</i> , 2011 , 124, 3771-83	5.3	29
90	A conserved coatamer-related complex containing Sec13 and Seh1 dynamically associates with the vacuole in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M110.006478	7.6	95
89	Rab11 function in <i>Trypanosoma brucei</i> : identification of conserved and novel interaction partners. <i>Eukaryotic Cell</i> , 2011 , 10, 1082-94		13
88	Evolution: On a bender--BARs, ESCRTs, COPs, and finally getting your coat. <i>Journal of Cell Biology</i> , 2011 , 193, 963-72	7.3	78
87	Evolutionary reconstruction of the retromer complex and its function in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2011 , 124, 1496-509	5.3	85
86	High affinity nanobodies against the <i>Trypanosoma brucei</i> VSG are potent trypanolytic agents that block endocytosis. <i>PLoS Pathogens</i> , 2011 , 7, e1002072	7.6	53
85	Chaperone requirements for biosynthesis of the trypanosome variant surface glycoprotein. <i>PLoS ONE</i> , 2010 , 5, e8468	3.7	32
84	The genome of <i>Naegleria gruberi</i> illuminates early eukaryotic versatility. <i>Cell</i> , 2010 , 140, 631-42	56.2	346
83	Rab protein evolution and the history of the eukaryotic endomembrane system. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 3449-65	10.3	69
82	Evidence that low endocytic activity is not directly responsible for human serum resistance in the insect form of African trypanosomes. <i>BMC Research Notes</i> , 2010 , 3, 63	2.3	10
81	<i>Trypanosoma brucei</i> : trypanosome-specific endoplasmic reticulum proteins involved in variant surface glycoprotein expression. <i>Experimental Parasitology</i> , 2010 , 125, 208-21	2.1	9

80	Regulation of thromboxane receptor signaling at multiple levels by oxidative stress-induced stabilization, relocation and enhanced responsiveness. <i>PLoS ONE</i> , 2010 , 5, e12798	3.7	7
79	The trypanosome Rab-related proteins RabX1 and RabX2 play no role in intracellular trafficking but may be involved in fly infectivity. <i>PLoS ONE</i> , 2009 , 4, e7217	3.7	8
78	Macromolecular trafficking and immune evasion in african trypanosomes. <i>International Review of Cell and Molecular Biology</i> , 2009 , 278, 1-67	6	25
77	Evidence for a shared nuclear pore complex architecture that is conserved from the last common eukaryotic ancestor. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 2119-30	7.6	169
76	First and last ancestors: reconstructing evolution of the endomembrane system with ESCRTs, vesicle coat proteins, and nuclear pore complexes. <i>Current Opinion in Cell Biology</i> , 2009 , 21, 4-13	9	101
75	The trypanosome flagellar pocket. <i>Nature Reviews Microbiology</i> , 2009 , 7, 775-86	22.2	189
74	The single ENTH-domain protein of trypanosomes; endocytic functions and evolutionary relationship with epsin. <i>Traffic</i> , 2009 , 10, 894-911	5.7	36
73	Evolution of specificity in the eukaryotic endomembrane system. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 330-40	5.6	64
72	Drug screening by crossing membranes: a novel approach to identification of trypanocides. <i>Biochemical Journal</i> , 2009 , 419, e1-3	3.8	2
71	The trypanosome transcriptome is remodelled during differentiation but displays limited responsiveness within life stages. <i>BMC Genomics</i> , 2008 , 9, 298	4.5	82
70	How complex is GTPase signaling in trypanosomes?. <i>Trends in Parasitology</i> , 2008 , 24, 253-7	6.4	11
69	Implications of the new eukaryotic systematics for parasitologists. <i>Parasitology International</i> , 2008 , 57, 97-104	2.1	47
68	Phylogeny of endocytic components yields insight into the process of nonendosymbiotic organelle evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 588-93	11.5	114
67	Analysis of small GTPase function in trypanosomes. <i>Methods in Enzymology</i> , 2008 , 438, 57-76	1.7	4
66	Ubiquitylation is required for degradation of transmembrane surface proteins in trypanosomes. <i>Traffic</i> , 2008 , 9, 1681-97	5.7	45
65	Evolution of the multivesicular body ESCRT machinery; retention across the eukaryotic lineage. <i>Traffic</i> , 2008 , 9, 1698-716	5.7	198
64	High-yield isolation and subcellular proteomic characterization of nuclear and subnuclear structures from trypanosomes. <i>Methods in Molecular Biology</i> , 2008 , 463, 77-92	1.4	19
63	Intracellular trafficking in the trypanosomatids. <i>Traffic</i> , 2007 , 8, 629-39	5.7	40

62	Control systems for membrane fusion in the ancestral eukaryote; evolution of tethering complexes and SM proteins. <i>BMC Evolutionary Biology</i> , 2007 , 7, 29	3	166
61	Dileucine signal-dependent and AP-1-independent targeting of a lysosomal glycoprotein in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2007 , 156, 175-90	1.9	29
60	Reconstructing the evolution of the endocytic system: insights from genomics and molecular cell biology. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 607, 84-96	3.6	84
59	Activation of endocytosis as an adaptation to the mammalian host by trypanosomes. <i>Eukaryotic Cell</i> , 2007 , 6, 2029-37		51
58	Evolution of the eukaryotic membrane-trafficking system: origin, tempo and mode. <i>Journal of Cell Science</i> , 2007 , 120, 2977-85	5.3	216
57	Dramatic reorganisation of <i>Trichomonas</i> endomembranes during amoebal transformation: a possible role for G-proteins. <i>Molecular and Biochemical Parasitology</i> , 2006 , 148, 99-102	1.9	18
56	Chromosome-wide analysis of gene function by RNA interference in the african trypanosome. <i>Eukaryotic Cell</i> , 2006 , 5, 1539-49		71
55	TbVps34, the trypanosome orthologue of Vps34, is required for Golgi complex segregation. <i>Journal of Biological Chemistry</i> , 2006 , 281, 27600-12	5.4	58
54	Reconstitution of glycopeptide export in mixed detergent-solubilised and resealed microsomes depleted of luminal components. <i>Journal of Proteomics</i> , 2005 , 62, 1-12		
53	The role of alternative splicing and C-terminal amino acids in thromboxane receptor stabilization. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 898-904	3.4	1
52	The genome of the African trypanosome <i>Trypanosoma brucei</i> . <i>Science</i> , 2005 , 309, 416-22	33.3	1323
51	<i>Leishmania major</i> : clathrin and adaptin complexes of an intra-cellular parasite. <i>Experimental Parasitology</i> , 2005 , 109, 33-7	2.1	15
50	Perturbation of local endogenous expression by insertion of Pol I expression constructs into the genome of <i>Trypanosoma brucei</i> . <i>Experimental Parasitology</i> , 2005 , 109, 198-200	2.1	2
49	<i>Trypanosoma brucei</i> : TbRAB4 regulates membrane recycling and expression of surface proteins in procyclic forms. <i>Experimental Parasitology</i> , 2005 , 111, 160-71	2.1	19
48	A bioinformatic analysis of the RAB genes of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2005 , 141, 89-97	1.9	59
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3	Unlocking the biological potential of Euglena gracilis: evolution, cell biology and significance to parasitism		2
2	Proteome of the secondary plastid of Euglena gracilis reveals metabolic quirks and colourful history		1
1	Modification of an atypical clathrin-independent AP-2 adaptin complex of Plasmodium falciparum reduces susceptibility to artemisinin		2