Geoffrey I Mcfadden

List of Publications by Year
in descending order

204 papers	22,078 citations	11908 72 h-index	11282 141 g-index
212 all docs	212 docs citations	212 times ranked	15658 citing authors

#	Article	IF	Citations
1	6â€³-Modifed Î±-GalCer-peptide conjugate vaccine candidates protect against liver-stage malaria. RSC Chemical Biology, 2022, 3, 551-560.	2.0	7
2	Plasmodium berghei Hsp90 contains a natural immunogenic I-Ab-restricted antigen common to rodent and human Plasmodium species. Current Research in Immunology, 2021, 2, 79-92.	1.2	9
3	Development of Plasmodiumâ€specific liverâ€resident memory CD8⁺ T cells after heatâ€killed sporozoite immunization in mice. European Journal of Immunology, 2021, 51, 1153-1165.	1.6	5
4	Plasmodium falciparum LipB mutants display altered redox and carbon metabolism in asexual stages and cannot complete sporogony in Anopheles mosquitoes. International Journal for Parasitology, 2021, 51, 441-453.	1.3	9
5	The cell wall polysaccharides of a photosynthetic relative of apicomplexans, Chromera velia. Journal of Phycology, 2021, 57, 1805-1809.	1.0	0
6	Optimisation of 2-(N-phenyl carboxamide) triazolopyrimidine antimalarials with moderate to slow acting erythrocytic stage activity. Bioorganic Chemistry, 2021, 115, 105244.	2.0	11
7	Retargeting azithromycin analogues to have dual-modality antimalarial activity. BMC Biology, 2020, 18, 133.	1.7	13
8	A Natural Peptide Antigen within the Plasmodium Ribosomal Protein RPL6 Confers Liver TRM Cell-Mediated Immunity against Malaria in Mice. Cell Host and Microbe, 2020, 27, 950-962.e7.	5.1	45
9	Division and Adaptation to Host Environment of Apicomplexan Parasites Depend on Apicoplast Lipid Metabolic Plasticity and Host Organelle Remodeling. Cell Reports, 2020, 30, 3778-3792.e9.	2.9	39
10	Glycolipid-peptide vaccination induces liver-resident memory CD8 ⁺ T cells that protect against rodent malaria. Science Immunology, 2020, 5, .	5.6	43
11	Characterization of the apicoplast-localized enzyme TgUroD in Toxoplasma gondii reveals a key role of the apicoplast in heme biosynthesis. Journal of Biological Chemistry, 2020, 295, 1539-1550.	1.6	23
12	A single point mutation in the Plasmodium falciparum FtsH1 metalloprotease confers actinonin resistance. ELife, 2020, 9, .	2.8	2
13	Alternative splicing is required for stage differentiation in malaria parasites. Genome Biology, 2019, 20, 151.	3.8	29
14	Anti-plasmodial Effects of Zanthoxylum zanthoxyloides. Planta Medica, 2019, 85, 1073-1079.	0.7	18
15	Bed Nets, Insecticides, and Antimalarials: Where to Next?. Trends in Parasitology, 2019, 35, 668-670.	1.5	3
16	Alternative Splicing in Apicomplexan Parasites. MBio, 2019, 10, .	1.8	19
17	Plasmodium: More Donâ€™ts. Trends in Parasitology, 2019, 35, 4-6.	1.5	7
18	Sequential Membrane Rupture and Vesiculation during Plasmodium berghei Gametocyte Egress from the Red Blood Cell. Scientific Reports, 2018, 8, 3543.	1.6	24

#	Article	IF	Citations
19	Host biotin is required for liver stage development in malaria parasites. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2604-E2613.	3.3	16
20	A genetic screen in rodent malaria parasites identifies five new apicoplast putative membrane transporters, one of which is essential in human malaria parasites. Cellular Microbiology, 2018, 20, e12789.	1.1	22
21	Validation of Putative Apicoplast-Targeting Drugs Using a Chemical Supplementation Assay in Cultured Human Malaria Parasites. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	46
22	Genome of tiny predator with big appetite. BMC Biology, 2018, 16, 140.	1.7	1
23	CD8+ T Cell Activation Leads to Constitutive Formation of Liver Tissue-Resident Memory T Cells that Seed a Large and Flexible Niche in the Liver. Cell Reports, 2018, 25, 68-79.e4.	2.9	79
24	Isolating the Plasmodium falciparum Apicoplast Using Magnetic Beads. Methods in Molecular Biology, 2018, 1829, 205-212.	0.4	1
25	Characterization of the Plasmodium falciparum and P. berghei glycerol 3â€phosphate acyltransferase involved in FASII fatty acid utilization in the malaria parasite apicoplast. Cellular Microbiology, 2017, 19, e12633.	1.1	25
26	Evolution: Of X-Cells and X-Men. Current Biology, 2017, 27, R408-R409.	1.8	0
27	Development of a Novel CD4+ TCR Transgenic Line That Reveals a Dominant Role for CD8+ Dendritic Cells and CD40 Signaling in the Generation of Helper and CTL Responses to Blood-Stage Malaria. Journal of Immunology, 2017, 199, 4165-4179.	0.4	37
28	The cryptomonad nucleomorph. Protoplasma, 2017, 254, 1903-1907.	1.0	4
29	Functional Profiling of a Plasmodium Genome Reveals an Abundance of Essential Genes. Cell, 2017, 170, 260-272.e8.	13.5	471
30	The apicoplast: now you see it, now you donâ€™t. International Journal for Parasitology, 2017, 47, 137-144.	1.3	106
31	Is the Mitochondrion a Good Malaria Drug Target?. Trends in Parasitology, 2017, 33, 185-193.	1.5	60
32	Comparative transcriptomics of female and male gametocytes in Plasmodium berghei and the evolution of sex in alveolates. BMC Genomics, 2017, 18, 734.	1.2	68
33	A novel genetic technique in Plasmodium berghei allows liver stage analysis of genes required for mosquito stage development and demonstrates that de novo heme synthesis is essential for liver stage development in the malaria parasite. PLoS Pathogens, 2017, 13, e1006396.	2.1	34
34	Targeting of a Transporter to the Outer Apicoplast Membrane in the Human Malaria Parasite Plasmodium falciparum. PLoS ONE, 2016, 11, e0159603.	1.1	16
35	Parasites resistant to the antimalarial atovaquone fail to transmit by mosquitoes. Science, 2016, 352, 349-353.	6.0	119
36	Liver-Resident Memory CD8 + T Cells Form a Front-Line Defense against Malaria Liver-Stage Infection. Immunity, 2016, 45, 889-902.	6.6	341

#	Article	IF	Citations
37	The Import of Proteins into the Mitochondrion of Toxoplasma gondii. Journal of Biological Chemistry, 2016, 291, 19335-19350.	1.6	56
38	Natural products from Zanthoxylum heitzii with potent activity against the malaria parasite. Malaria Journal, 2016, 15, 481.	0.8	20
39	Targeting Protein Translation in Organelles of the Apicomplexa. Trends in Parasitology, 2016, 32, 953-965.	1.5	31
40	The Plasmodium translocon of exported proteins component EXP2 is critical for establishing a patent malaria infection in mice. Cellular Microbiology, 2016, 18, 399-412.	1.1	34
41	Plasmodium falciparum Rab1A Localizes to Rhoptries in Schizonts. PLoS ONE, 2016, 11, e0158174.	1.1	11
42	Apicoplast-Localized Lysophosphatidic Acid Precursor Assembly Is Required for Bulk Phospholipid Synthesis in Toxoplasma gondii and Relies on an Algal/Plant-Like Glycerol 3-Phosphate Acyltransferase. PLoS Pathogens, 2016, 12, e1005765.	2.1	47
43	Red cells from ferrochelatase-deficient erythropoietic protoporphyria patients are resistant to growth of malarial parasites. Blood, 2015, 125, 534-541.	0.6	37
44	A serineâ€“arginine-rich (SR) splicing factor modulates alternative splicing of over a thousand genes in Toxoplasma gondii. Nucleic Acids Research, 2015, 43, 4661-4675.	6.5	45
45	Fatty acid metabolism in the Plasmodium apicoplast: Drugs, doubts and knockouts. Molecular and Biochemical Parasitology, 2015, 199, 34-50.	0.5	82
46	Endosymbiosis undone by stepwise elimination of the plastid in a parasitic dinoflagellate. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5767-5772.	3.3	88
47	Macrolides rapidly inhibit red blood cell invasion by the human malaria parasite, Plasmodium falciparum. BMC Biology, 2015, 13, 52.	1.7	64
48	Mitochondrial ATP synthase is dispensable in blood-stage Plasmodium berghei rodent malaria but essential in the mosquito phase. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10216-10223.	3.3	92
49	Ycf93 (Orf105), a Small Apicoplast-Encoded Membrane Protein in the Relict Plastid of the Malaria Parasite Plasmodium falciparum That Is Conserved in Apicomplexa. PLoS ONE, 2014, 9, e91178.	1.1	22
50	CD8+ T Cells from a Novel T Cell Receptor Transgenic Mouse Induce Liver-Stage Immunity That Can Be Boosted by Blood-Stage Infection in Rodent Malaria. PLoS Pathogens, 2014, 10, e1004135.	2.1	68
51	A dual-targeted aminoacyl-tRNA synthetase in Plasmodium falciparum charges cytosolic and apicoplast tRNACys. Biochemical Journal, 2014, 458, 513-523.	1.7	31
52	Quantitative analysis of<scp>P</scp>lasmodiumookinete motion in three dimensions suggests a critical role for cell shape in the biomechanics of malaria parasite gliding motility. Cellular Microbiology, 2014, 16, 734-750.	1.1	45
53	From the Genome to the Phenome: Tools to Understand the Basic Biology of Plasmodium falciparum. Journal of Eukaryotic Microbiology, 2014, 61, 655-671.	0.8	8
54	Evolution of galactoglycerolipid biosynthetic pathways â€“ From cyanobacteria to primary plastids and from primary to secondary plastids. Progress in Lipid Research, 2014, 54, 68-85.	5.3	118

#	Article	IF	Citations
55	Apicoplast acetyl Co-A carboxylase of the human malaria parasite is not targeted by cyclohexanedione herbicides. International Journal for Parasitology, 2014, 44, 285-289.	1.3	11
56	Origin and Evolution of Plastids and Photosynthesis in Eukaryotes. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016105-a016105.	2.3	75
57	Lysine Acetylation in Sexual Stage Malaria Parasites Is a Target for Antimalarial Small Molecules. Antimicrobial Agents and Chemotherapy, 2014, 58, 3666-3678.	1.4	62
58	Synthesis and antimalarial activity of prodigiosenes. Organic and Biomolecular Chemistry, 2014, 12, 4132.	1.5	40
59	Characterization of the Chloroquine Resistance Transporter Homologue in Toxoplasma gondii. Eukaryotic Cell, 2014, 13, 1360-1370.	3.4	18
60	Apicoplast. Current Biology, 2014, 24, R262-R263.	1.8	13
61	The metabolic roles of the endosymbiotic organelles of Toxoplasma and Plasmodium spp.. Current Opinion in Microbiology, 2013, 16, 452-458.	2.3	102
62	Targeting apicoplasts in malaria parasites. Expert Opinion on Therapeutic Targets, 2013, 17, 167-177.	1.5	46
63	Atypical lipid composition in the purified relict plastid (apicoplast) of malaria parasites. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7506-7511.	3.3	117
64	Chemobiosynthesis of New Antimalarial Macrolides. Antimicrobial Agents and Chemotherapy, 2013, 57, 907-913.	1.4	18
65	Characterization of Tt ALV2, an Essential Charged Repeat Motif Protein of the Tetrahymena thermophila Membrane Skeleton. Eukaryotic Cell, 2013, 12, 932-940.	3.4	17
66	Defining the Timing of Action of Antimalarial Drugs against Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2013, 57, 1455-1467.	1.4	125
67	The <scp>P</scp>lasmodium translocon of exported proteins (<scp>PTEX</scp>) component thioredoxinâ€2 is important for maintaining normal bloodâ€stage growth. Molecular Microbiology, 2013, 89, 1167-1186.	1.2	75
68	Tic22 Is an Essential Chaperone Required for Protein Import into the Apicoplast*. Journal of Biological Chemistry, 2012, 287, 39505-39512.	1.6	54
69	Antimalarial Activity of the Anticancer Histone Deacetylase Inhibitor SB939. Antimicrobial Agents and Chemotherapy, 2012, 56, 3849-3856.	1.4	74
70	Algal genomes reveal evolutionary mosaicism and the fate of nucleomorphs. Nature, 2012, 492, 59-65.	13.7	377
71	Loss of Nucleosomal DNA Condensation Coincides with Appearance of a Novel Nuclear Protein in Dinoflagellates. Current Biology, 2012, 22, 2303-2312.	1.8	133
72	Plasmodium falciparum Apicoplast Drugs: Targets or Off-Targets?. Chemical Reviews, 2012, 112, 1269-1283.	23.0	81

#	Article	IF	Citations
73	The Use and Abuse of Heme in Apicomplexan Parasites. Antioxidants and Redox Signaling, 2012, 17, 634-656.	2.5	62
74	Spatial Localisation of Actin Filaments across Developmental Stages of the Malaria Parasite. PLoS ONE, 2012, 7, e32188.	1.1	69
75	Dual targeting of aminoacyl-tRNA synthetases to the apicoplast and cytosol in Plasmodium falciparum. International Journal for Parasitology, 2012, 42, 177-186.	1.3	65
76	Malaria parasite colonisation of the mosquito midgut â€“ Placing the Plasmodium ookinete centre stage. International Journal for Parasitology, 2012, 42, 519-527.	1.3	58
77	Plasmodia â€“ donâ€™t. Trends in Parasitology, 2012, 28, 306.	1.5	4
78	A GFP-Actin reporter line to explore microfilament dynamics across the malaria parasite lifecycle. Molecular and Biochemical Parasitology, 2012, 182, 93-96.	0.5	15
79	Characterization of Two Malaria Parasite Organelle Translation Elongation Factor G Proteins: The Likely Targets of the Anti-Malarial Fusidic Acid. PLoS ONE, 2011, 6, e20633.	1.1	34
80	The apicoplast. Protoplasma, 2011, 248, 641-650.	1.0	86
81	An integrative bioinformatic predictor of protein sub-cellular localisation in malaria. BMC Bioinformatics, 2011, 12, .	1.2	1
82	Identification of Plant-like Galactolipids in Chromera velia, a Photosynthetic Relative of Malaria Parasites. Journal of Biological Chemistry, 2011, 286, 29893-29903.	1.6	48
83	Apicoplast isoprenoid precursor synthesis and the molecular basis of fosmidomycin resistance in Toxoplasma gondii. Journal of Experimental Medicine, 2011, 208, 1547-1559.	4.2	141
84	Ciliate Pellicular Proteome Identifies Novel Protein Families with Characteristic Repeat Motifs That Are Common to Alveolates. Molecular Biology and Evolution, 2011, 28, 1319-1331.	3.5	55
85	The evolution, metabolism and functions of the apicoplast. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 749-763.	1.8	256
86	The carbon and energy sources of the nonâ€photosynthetic plastid in the malaria parasite. FEBS Letters, 2010, 584, 549-554.	1.3	72
87	Dimeric cyclohexane-1,3-dione oximes inhibit wheat acetyl-CoA carboxylase and show anti-malarial activity. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4611-4613.	1.0	16
88	Rewiring and regulation of cross-compartmentalized metabolism in protists. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 831-845.	1.8	46
89	Malaria, Plasmodium falciparum and its apicoplast. Biochemical Society Transactions, 2010, 38, 775-782.	1.6	54
90	The evolution of organellar metabolism in unicellular eukaryotes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 693-698.	1.8	4

#	Article	IF	Citations
91	Membrane protein SMP-1 is required for normal flagellum function inLeishmania. Journal of Cell Science, 2010, 123, 544-554.	1.2	48
92	The Clp Chaperones and Proteases of the Human Malaria Parasite Plasmodium falciparum. Journal of Molecular Biology, 2010, 404, 456-477.	2.0	81
93	New proteins in the apicoplast membranes: time to rethink apicoplast protein targeting. Trends in Parasitology, 2009, 25, 197-200.	1.5	33
94	Organelle Division: Dynamin-Related Proteins in Apicomplexans. Current Biology, 2009, 19, R334-R336.	1.8	3
95	Characterization of Two Putative Protein Translocation Components in the Apicoplast ofPlasmodium falciparum. Eukaryotic Cell, 2009, 8, 1146-1154.	3.4	76
96	Apicoplast and Mitochondrion in Gametocytogenesis of Plasmodium falciparum. Eukaryotic Cell, 2009, 8, 128-132.	3.4	85
97	Protein Targeting to the Malaria Parasite Plastid. Traffic, 2008, 9, 166-175.	1.3	69
98	Gamete Fusion: Key Protein Identified. Current Biology, 2008, 18, R571-R573.	1.8	4
99	Plastid Evolution. Annual Review of Plant Biology, 2008, 59, 491-517.	8.6	597
100	Alveolins, a New Family of Cortical Proteins that Define the Protist Infrakingdom Alveolata. Molecular Biology and Evolution, 2008, 25, 1219-1230.	3.5	184
101	Leishmania Adaptor Protein-1 Subunits Are Required for Normal Lysosome Traffic, Flagellum Biogenesis, Lipid Homeostasis, and Adaptation to Temperatures Encountered in the Mammalian Host. Eukaryotic Cell, 2008, 7, 1256-1267.	3.4	20
102	The Chloroplast Protein Translocation Complexes of Chlamydomonas reinhardtii: A Bioinformatic Comparison of Toc and Tic Components in Plants, Green Algae and Red Algae. Genetics, 2008, 179, 95-112.	1.2	101
103	Evolution of malaria parasite plastid targeting sequences. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4781-4785.	3.3	57
104	Inhibition of Malaria Parasite Development by a Cyclic Peptide That Targets the Vital Parasite Protein SERA5. Infection and Immunity, 2008, 76, 4332-4344.	1.0	23
105	The mother of all parasites. Future Microbiology, 2008, 3, 391-395.	1.0	39
106	The Complete Chloroplast Genome of the Chlorarachniophyte Bigelowiella natans: Evidence for Independent Origins of Chlorarachniophyte and Euglenid Secondary Endosymbionts. Molecular Biology and Evolution, 2007, 24, 54-62.	3.5	185
107	Inhibition of Dendritic Cell Maturation by Malaria Is Dose Dependent and Does Not Require Plasmodium falciparum Erythrocyte Membrane Protein 1. Infection and Immunity, 2007, 75, 3621-3632.	1.0	90
108	Fatty Acid Biosynthesis as a Drug Target in Apicomplexan Parasites. Current Drug Targets, 2007, 8, 15-30.	1.0	85

#	Article	IF	Citations
109	Differential parasite drive. Nature, 2007, 450, 955-956.	13.7	11
110	Illuminating Plasmodium falciparum-infected red blood cells. Trends in Parasitology, 2007, 23, 268-277.	1.5	52
111	The effects of anti-bacterials on the malaria parasite Plasmodium falciparum. Molecular and Biochemical Parasitology, 2007, 152, 181-191.	0.5	219
112	Protein targeting to destinations of the secretory pathway in the malaria parasite Plasmodium falciparum. Current Opinion in Microbiology, 2006, 9, 381-387.	2.3	47
113	Metabolic maps and functions of thePlasmodiummitochondrion. FEMS Microbiology Reviews, 2006, 30, 596-630.	3.9	227
114	Evidence for Golgi-independent transport from the early secretory pathway to the plastid in malaria parasites. Molecular Microbiology, 2006, 61, 614-630.	1.2	87
115	Sodium-dependent uptake of inorganic phosphate by the intracellular malaria parasite. Nature, 2006, 443, 582-585.	13.7	90
116	A mitochondrial protein affects cell morphology, mitochondrial segregation and virulence in Leishmania. International Journal for Parasitology, 2006, 36, 1499-1514.	1.3	19
117	An Australian network to support the understanding and control of parasites. Trends in Parasitology, 2006, 22, 97-99.	1.5	0
118	N-terminal positively charged amino acids, but not their exact position, are important for apicoplast transit peptide fidelity in Toxoplasma gondii. Molecular and Biochemical Parasitology, 2006, 150, 192-200.	0.5	49
119	Differential gene transfers and gene duplications in primary and secondary endosymbioses. BMC Evolutionary Biology, 2006, 6, 38.	3.2	6
120	Complete nucleotide sequence of the chlorarachniophyte nucleomorph: Nature's smallest nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9566-9571.	3.3	185
121	Membrane transporters in the relict plastid of malaria parasites. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9572-9577.	3.3	126
122	Development of the endoplasmic reticulum, mitochondrion and apicoplast during the asexual life cycle ofPlasmodium falciparum. Molecular Microbiology, 2005, 57, 405-419.	1.2	243
123	Characterisation of a Leishmania mexicana knockout lacking guanosine diphosphate-mannose pyrophosphorylase. International Journal for Parasitology, 2005, 35, 861-873.	1.3	30
124	The apicoplast: a review of the derived plastid of apicomplexan parasites. Current Issues in Molecular Biology, 2005, 7, 57-79.	1.0	156
125	SMP-1, a Member of a New Family of Small Myristoylated Proteins in Kinetoplastid Parasites, Is Targeted to the Flagellum Membrane in Leishmania. Molecular Biology of the Cell, 2004, 15, 4775-4786.	0.9	104
126	Evolutionary Pressures on Apicoplast Transit Peptides. Molecular Biology and Evolution, 2004, 21, 2183-2194.	3.5	75

#	Article	IF	Citations
127	The human malaria parasite Plasmodium falciparum possesses two distinct dihydrolipoamide dehydrogenases. Molecular Microbiology, 2004, 55, 27-38.	1.2	71
128	The malaria parasite Plasmodium falciparum has only one pyruvate dehydrogenase complex, which is located in the apicoplast. Molecular Microbiology, 2004, 55, 39-53.	1.2	160
129	Metabolic maps and functions of the Plasmodium falciparum apicoplast. Nature Reviews Microbiology, 2004, 2, 203-216.	13.6	560
130	Localization of organellar proteins in Plasmodium falciparum using a novel set of transfection vectors and a new immunofluorescence fixation method. Molecular and Biochemical Parasitology, 2004, 137, 13-21.	0.5	401
131	More plastids in human parasites?. Trends in Parasitology, 2004, 20, 54-57.	1.5	19
132	Evolution: Red Algal Genome Affirms a Common Origin of All Plastids. Current Biology, 2004, 14, R514-R516.	1.8	228
133	Diatom Genomics: Genetic Acquisitions and Mergers. Current Biology, 2004, 14, R1048-R1050.	1.8	27
134	Phenotypic variation of Plasmodium falciparum merozoite proteins directs receptor targeting for invasion of human erythrocytes. EMBO Journal, 2003, 22, 1047-1057.	3.5	235
135	Dissecting Apicoplast Targeting in the Malaria Parasite Plasmodium falciparum. Science, 2003, 299, 705-708.	6.0	425
136	Properties and prediction of mitochondrial transit peptides from Plasmodium falciparum. Molecular and Biochemical Parasitology, 2003, 132, 59-66.	0.5	120
137	The apicoplast: A plastid in Plasmodium falciparum and other apicomplexan parasites. International Review of Cytology, 2003, 224, 57-110.	6.2	152
138	Response to Comment on "A Green Algal Apicoplast Ancestor". Science, 2003, 301, 49b-49.	6.0	32
139	Dynamin: The endosymbiosis ring of power?. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3557-3559.	3.3	23
140	Comment on "A Green Algal Apicoplast Ancestor". Science, 2003, 301, 49a-49.	6.0	68
141	A Type II Pathway for Fatty Acid Biosynthesis Presents Drug Targets in Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2003, 47, 297-301.	1.4	171
142	Plastids, mitochondria, and hydrogenosomes. , 2003, , 277-294.		5
143	Independent Translocation of Two Micronemal Proteins in Developing Plasmodium falciparum Merozoites. Infection and Immunity, 2002, 70, 5751-5758.	1.0	156
144	Processing of an Apicoplast Leader Sequence inPlasmodium falciparum and the Identification of a Putative Leader Cleavage Enzyme. Journal of Biological Chemistry, 2002, 277, 23612-23619.	1.6	151

#	Article	IF	Citations
145	CRYPTOMONAD EVOLUTION: NUCLEAR 18S rDNA PHYLOGENY VERSUS CELL MORPHOLOGY AND PIGMENTATION1. Journal of Phycology, 2002, 38, 1236-1244.	1.0	84
146	Genome sequence of the human malaria parasite Plasmodium falciparum. Nature, 2002, 419, 498-511.	13.7	3,881
147	Jam packed genomes--a preliminary, comparative analysis of nucleomorphs. Genetica, 2002, 115, 13-28.	0.5	72
148	The apicoplast as an antimalarial drug target. Drug Resistance Updates, 2001, 4, 145-151.	6.5	164
149	Deciphering apicoplast targeting signals â€“ feature extraction from nuclear-encoded precursors of Plasmodium falciparum apicoplast proteins. Gene, 2001, 280, 19-26.	1.0	199
150	Translocation of proteins across the multiple membranes of complex plastids. Biochimica Et Biophysica Acta - Molecular Cell Research, 2001, 1541, 34-53.	1.9	119
151	PRIMARY AND SECONDARY ENDOSYMBIOSIS AND THE ORIGIN OF PLASTIDS. Journal of Phycology, 2001, 37, 951-959.	1.0	345
152	Trafficking and assembly of the cytoadherence complex in Plasmodium falciparum-infected human erythrocytes. EMBO Journal, 2001, 20, 5636-5649.	3.5	345
153	New agents to combat malaria. Nature Medicine, 2001, 7, 149-150.	15.2	24
154	A grin without a cat. Nature, 2001, 410, 1040-1041.	13.7	8
155	Chloroplast Origin and Integration. Plant Physiology, 2001, 125, 50-53.	2.3	125
156	Regulated Degradation of an Endoplasmic Reticulum Membrane Protein in a Tubular Lysosome inLeishmania mexicana. Molecular Biology of the Cell, 2001, 12, 2364-2377.	0.9	97
157	In Situ Hybridization for Electron Microscopy. , 2000, 123, 259-278.		6
158	Evidence for Nucleomorph to Host Nucleus Gene Transfer: Light-Harvesting Complex Proteins from Cryptomonads and Chlorarachniophytes. Protist, 2000, 151, 239-252.	0.6	64
159	Protein trafficking to the plastid of Plasmodium falciparum is via the secretory pathway. EMBO Journal, 2000, 19, 1794-1802.	3.5	469
160	Skeletons in the Closet. Journal of Cell Biology, 2000, 151, F19-F22.	2.3	9
161	Mitochondrial FtsZ in a Chromophyte Alga. Science, 2000, 287, 1276-1279.	6.0	169
162	Mergers and acquisitions: malaria and the great chloroplast heist. Genome Biology, 2000, 1, reviews1026.1.	13.9	35

#	Article	IF	Citations
163	Ever decreasing circles. Nature, 1999, 400, 119-120.	13.7	12
164	Shikimate pathway in apicomplexan parasites. Nature, 1999, 397, 219-220.	13.7	91
165	Plastids and Protein Targeting. Journal of Eukaryotic Microbiology, 1999, 46, 339-346.	0.8	135
166	A Phylogenetic Assessment of the Eukaryotic Light-Harvesting Antenna Proteins, with Implications for Plastid Evolution. Journal of Molecular Evolution, 1999, 48, 59-68.	0.8	230
167	Endosymbiosis and evolution of the plant cell. Current Opinion in Plant Biology, 1999, 2, 513-519.	3.5	149
168	Response from McFadden and Waller. Trends in Microbiology, 1999, 7, 267-268.	3.5	3
169	Apicomplexan plastids as drug targets. Trends in Microbiology, 1999, 7, 328-333.	3.5	225
170	Phylogenetic Diversity of Parabasalian Symbionts from Termites, Including the Phylogenetic Position of Pseudotrypanosoma and Trichonympha. Journal of Eukaryotic Microbiology, 1998, 45, 643-650.	0.8	61
171	The Phylogenetic Position of Alpha- and Beta-Tubulins from the Chlorarachnion Host and Cercomonas (Cercozoa). Journal of Eukaryotic Microbiology, 1998, 45, 561-570.	0.8	49
172	Meeting Report: XIIth Meeting of the International Society for Evolutionary Protistology Flagstaff, USA, August 2â€“4, 1998. Protist, 1998, 149, 293-298.	0.6	0
173	Nuclear-encoded proteins target to the plastid in Toxoplasma gondii and Plasmodium falciparum. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 12352-12357.	3.3	691
174	Division Chlorarachniophyta. Plant Systematics and Evolution Supplementum = Entwicklungsgeschichte Und Systematik Der Pflanzen Supplementum, 1997, , 175-185.	1.5	10
175	Plastids in apicomplexan parasites. Plant Systematics and Evolution Supplementum = Entwicklungsgeschichte Und Systematik Der Pflanzen Supplementum, 1997, , 261-287.	1.5	45
176	Size isn't everything: lessons in genetic miniaturisation from nucleomorphs. Current Opinion in Genetics and Development, 1997, 7, 800-806.	1.5	58
177	Bonsai genomics: sequencing the smallest eukaryotic genomes. Trends in Genetics, 1997, 13, 46-49.	2.9	62
178	Good things in small packages: The tiny genomes of chlorarachniophyte endosymbionts. BioEssays, 1997, 19, 167-173.	1.2	45
179	Plastids in parasites of humans. BioEssays, 1997, 19, 1033-1040.	1.2	117
180	The miniaturized nuclear genome of eukaryotic endosymbiont contains genes that overlap, genes that are cotranscribed, and the smallest known spliceosomal introns.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7737-7742.	3.3	124

#	Article	IF	Citations
181	Cryptomonad nuclear and nucleomorph 18S rRNA phylogeny. European Journal of Phycology, 1996, 31, 315-328.	0.9	83
182	Plastid in human parasites. Nature, 1996, 381, 482-482.	13.7	478
183	Molecular Phylogeny of Chlorarachniophytes Based on Plastid rRNA and rbcL Sequences. Archiv FÃ¼r Protistenkunde, 1995, 145, 231-239.	0.8	67
184	Phylogeny of Eucalyptus and Angophora Based on 5S rDNA Spacer Sequence Data. Molecular Phylogenetics and Evolution, 1995, 4, 247-256.	1.2	118
185	Organisation and sequence analysis of nuclear-encoded 5s ribosomal RNA genes in cryptomonad algae. Current Genetics, 1995, 27, 239-242.	0.8	5
186	Preliminary Characterisation of Chlorarachniophyte Mitochondrial DNA. Journal of Eukaryotic Microbiology, 1995, 42, 696-701.	0.8	12
187	Chapter 12 In Situ Hybridization. Methods in Cell Biology, 1995, 49, 165-183.	0.5	22
188	The chlorarachniophyte: a cell with two different nuclei and two different telomeres. Chromosoma, 1995, 103, 635-641.	1.0	44
189	Something borrowed, something green: lateral transfer of chloroplasts by secondary endosymbiosis. Trends in Ecology and Evolution, 1995, 10, 12-17.	4.2	93
190	The chlorarachniophyte: a cell with two different nuclei and two different telomeres. Chromosoma, 1995, 103, 635-641.	1.0	8
191	In situ hybridization localizes avocado sunblotch viroid on chloroplast thylakoid membranes and coconut cadang cadang viroid in the nucleus. Plant Journal, 1994, 6, 99-103.	2.8	74
192	Goniomonas: rRNA sequences indicate that this phagotrophic flagellate is a close relative of the host component of cryptomonads. European Journal of Phycology, 1994, 29, 29-32.	0.9	97
193	Evidence that an amoeba acquired a chloroplast by retaining part of an engulfed eukaryotic alga.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 3690-3694.	3.3	146
194	The 5S ribosomal RNA gene is linked to large and small subunit ribosomal RNA genes in the oomycetes, Phytophthora vignae, P. cinnamomi, P. megasperma f.sp. glycinea and Saprolegnia ferax. Current Genetics, 1992, 22, 455-461.	0.8	55
195	Evolution of algal plastids from eukaryotic endosymbionts. , 1990, , 143-156.		4
196	Evidence that cryptomonad chloroplasts evolved from photosynthetic eukaryotic endosymbionts. Journal of Cell Science, 1990, 95, 303-308.	1.2	47
197	Expression sites and developmental regulation of genes encoding (1?3,1?4)-?-glucanases in germinated barley. Planta, 1988, 173, 500-508.	1.6	86
198	A simple fixation and embedding method for use in hybridization histochemistry on plant tissues. The Histochemical Journal, 1988, 20, 575-586.	0.6	47

#	Article	IF	Citations
199	Basal body reorientation mediated by a Ca2+-modulated contractile protein.. Journal of Cell Biology, 1987, 105, 903-912.	2.3	139
200	A light and electron microscopic study of the quadriflagellate green algaSpermatozopsis exsultans. Plant Systematics and Evolution, 1987, 158, 47-61.	0.3	20
201	Use of Hepes buffer for microalgal culture media and fixation for electron microscopy. Phycologia, 1986, 25, 551-557.	0.6	241
202	A study of the genus Pyramimonas (Prasinophyceae) from southeastern Australia. Nordic Journal of Botany, 1986, 6, 209-234.	0.2	67
203	Golgi apparatus activity and membrane flow during scale biogenesis in the green flagellateScherffelia dubia (Prasinophyceae). I: Flagellar regeneration. Protoplasma, 1986, 130, 186-198.	1.0	52
204	Sterols and fatty acids of an antarctic sea ice diatom, Stauroneis amphioxys. Phytochemistry, 1981, 20, 1935-1937.	1.4	55