Michael L Ginger

List of Publications by Year
in descending order

71 papers	7,614 citations	94269 37 h-index	95083 68 g-index
73 all docs	73 docs citations	73 times ranked	14184 citing authors

#	Article	IF	Citations
1	Meeting Report: Euglenids in the Age of Symbiogenesis: Origins, Innovations, and Prospects, November 8-11, 2021. Protist, 2022, , 125894.	0.6	1
2	Reductionist Pathways for Parasitism in Euglenozoans? Expanded Datasets Provide New Insights. Trends in Parasitology, 2021, 37, 100-116.	1.5	28
3	Divergent Cytochrome <i>c</i> Maturation System in Kinetoplastid Protists. MBio, 2021, 12, .	1.8	5
4	Self-assembly of an anion receptor with metal-dependent kinase inhibition and potent in vitro anti-cancer properties. Nature Communications, 2021, 12, 3898.	5.8	11
5	Genomics and transcriptomics yields a system-level view of the biology of the pathogen Naegleria fowleri. BMC Biology, 2021, 19, 142.	1.7	18
6	Selfâ€Assembled Anionâ€Binding Cryptand for the Selective Liquidâ€“Liquid Extraction of Phosphate Anions. Angewandte Chemie - International Edition, 2020, 59, 20480-20484.	7.2	12
7	Analysis of Base Excision and Single-Strand Break Repair Activities in Trypanosomatid Extracts. Methods in Molecular Biology, 2020, 2116, 353-364.	0.4	0
8	Airyscan Superresolution Microscopy to Study Trypanosomatid Cell Biology. Methods in Molecular Biology, 2020, 2116, 449-461.	0.4	2
9	Transcriptome, proteome and draft genome of Euglena gracilis. BMC Biology, 2019, 17, 11.	1.7	98
10	A centriolar FGR1 oncogene partner-like protein required for paraflagellar rod assembly, but not axoneme assembly in African trypanosomes. Open Biology, 2018, 8, 170218.	1.5	5
11	Farming, slaving and enslavement: histories of endosymbioses during kinetoplastid evolution. Parasitology, 2018, 145, 1311-1323.	0.7	31
12	Variation in Basal Body Localisation and Targeting of Trypanosome RP2 and FOR20 Proteins. Protist, 2017, 168, 452-466.	0.6	6
13	Making the pathogen: Evolution and adaptation in parasitic protists. Molecular and Biochemical Parasitology, 2016, 209, 1-2.	0.5	1
14	Peroxisomes in parasitic protists. Molecular and Biochemical Parasitology, 2016, 209, 35-45.	0.5	47
15	Kinetoplastid Phylogenomics Reveals the Evolutionary Innovations Associated with the Origins of Parasitism. Current Biology, 2016, 26, 161-172.	1.8	137
16	Flagellum attachment zone protein modulation and regulation of cell shape in <i>Trypanosoma brucei</i> life cycle transitions. Journal of Cell Science, 2015, 128, 3117-30.	1.2	40
17	TrypanoCyc: a community-led biochemical pathways database for Trypanosoma brucei. Nucleic Acids Research, 2015, 43, D637-D644.	6.5	35
18	An Alternative Model for the Role of RP2 Protein in Flagellum Assembly in the African Trypanosome. Journal of Biological Chemistry, 2014, 289, 464-475.	1.6	25

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19	Protein moonlighting in parasitic protists. Biochemical Society Transactions, 2014, 42, 1734-1739.	1.6	12
20	Eukaryotic Flagella: Variations in Form, Function, and Composition during Evolution. BioScience, 2014, 64, 1103-1114.	2.2	28
21	Modulation of a cytoskeletal calpain-like protein induces major transitions in trypanosome morphology. Journal of Cell Biology, 2014, 206, 377-384.	2.3	57
22	35 Years of Molecular and Biochemical Parasitology. Molecular and Biochemical Parasitology, 2014, 195, 75-76.	0.5	0
23	Evidence for Loss of a Partial Flagellar Glycolytic Pathway during Trypanosomatid Evolution. PLoS ONE, 2014, 9, e103026.	1.1	5
24	Molecular paleontology and complexity in the last eukaryotic common ancestor. Critical Reviews in Biochemistry and Molecular Biology, 2013, 48, 373-396.	2.3	170
25	Calmodulin is Required for Paraflagellar Rod Assembly and Flagellum-Cell Body Attachment in Trypanosomes. Protist, 2013, 164, 528-540.	0.6	33
26	Tubulin-binding cofactor C domain-containing protein TBCCD1 orchestrates cytoskeletal filament formation. Journal of Cell Science, 2013, 126, 5350-6.	1.2	28
27	Divergence of Erv1-Associated Mitochondrial Import and Export Pathways in Trypanosomes and Anaerobic Protists. Eukaryotic Cell, 2013, 12, 343-355.	3.4	42
28	Genome of Acanthamoeba castellanii highlights extensive lateral gene transfer and early evolution of tyrosine kinase signaling. Genome Biology, 2013, 14, R11.	13.9	296
29	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, 3416-3421.	3.3	137
30	Proteomic insights into parasite biology. Parasitology, 2012, 139, 1101-1102.	0.7	3
31	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
32	Probing why trypanosomes assemble atypical cytochrome c with an AxxCH haem-binding motif instead of CxxCH. Biochemical Journal, 2012, 448, 253-260.	1.7	8
33	The Naegleria genome: a free-living microbial eukaryote lends unique insights into core eukaryotic cell biology. Research in Microbiology, 2011, 162, 607-618.	1.0	40
34	Autophagy in parasitic protists: Unique features and drug targets. Molecular and Biochemical Parasitology, 2011, 177, 83-99.	0.5	111
35	Autophagy in protists. Autophagy, 2011, 7, 127-158.	4.3	148
36	Intermediary Metabolism in Protists: a Sequence-based View of Facultative Anaerobic Metabolism in Evolutionarily Diverse Eukaryotes. Protist, 2010, 161, 642-671.	0.6	55

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37	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
38	Moonlighting enzymes in parasitic protozoa. Parasitology, 2010, 137, 1467-1475.	0.7	43
39	The evolution of organellar metabolism in unicellular eukaryotes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 693-698.	1.8	4
40	Flagellum assembly and function during the Leishmania life cycle. Current Opinion in Microbiology, 2010, 13, 473-479.	2.3	42
41	The Genome of Naegleria gruberi Illuminates Early Eukaryotic Versatility. Cell, 2010, 140, 631-642.	13.5	399
42	Autophagy in protists: examples of secondary loss, lineage-specific innovations, and the conundrum of remodeling a single mitochondrion. Autophagy, 2009, 5, 784-794.	4.3	56
43	Cell Morphogenesis of Trypanosoma brucei Requires the Paralogous, Differentially Expressed Calpain-related Proteins CAP5.5 and CAP5.5V. Protist, 2009, 160, 576-590.	0.6	48
44	Structure of a trypanosomatid mitochondrial cytochromeâ€ƒ<i>c</i> with heme attached via only one thioether bond and implications for the substrate recognition requirements of heme lyase. FEBS Journal, 2009, 276, 2822-2832.	2.2	31
45	Variant <i>c</i>-type cytochromes as probes of the substrate specificity of the <i>E. coli</i> cytochrome <i>c</i> maturation (Ccm) apparatus. Biochemical Journal, 2009, 419, 177-186.	1.7	18
46	Order within a mosaic distribution of mitochondrial <i>c</i>â€‘type cytochrome biogenesis systems?. FEBS Journal, 2008, 275, 2385-2402.	2.2	79
47	Swimming with protists: perception, motility and flagellum assembly. Nature Reviews Microbiology, 2008, 6, 838-850.	13.6	135
48	Ancestral roles of eukaryotic frataxin: mitochondrial frataxin function and heterologous expression of hydrogenosomal <i>Trichomonas</i> homologues in trypanosomes. Molecular Microbiology, 2008, 69, 94-109.	1.2	35
49	Distinctive biochemistry in the trypanosome mitochondrial intermembrane space suggests a model for stepwise evolution of the MIA pathway for import of cysteineâ€‘rich proteins. FEBS Letters, 2008, 582, 2817-2825.	1.3	49
50	RNA Interference Mutant Induction In Vivo Demonstrates the Essential Nature of Trypanosome Flagellar Function during Mammalian Infection. Eukaryotic Cell, 2007, 6, 1248-1250.	3.4	38
51	Flagellar motility is required for the viability of the bloodstream trypanosome. Nature, 2006, 440, 224-227.	13.7	453
52	Niche metabolism in parasitic protozoa. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 101-118.	1.8	50
53	Trypanosome IFT mutants provide insight into the motor location for mobility of the flagella connector and flagellar membrane formation. Journal of Cell Science, 2006, 119, 3935-3943.	1.2	90
54	Complexity and diversity in c-type cytochrome biogenesis systems. Biochemical Society Transactions, 2005, 33, 145-146.	1.6	19

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55	Post-genomic views of a â€˜uniqueâ€™ metabolism in the eukaryotic flagellum. Biochemical Society Transactions, 2005, 33, 975.	1.6	3
56	Trypanosomatid Biology and Euglenozoan Evolution: New Insights and Shifting Paradigms Revealed through Genome Sequencing. Protist, 2005, 156, 377-392.	0.6	39
57	Intracellular Positioning of Isoforms Explains an Unusually Large Adenylate Kinase Gene Family in the Parasite Trypanosoma brucei. Journal of Biological Chemistry, 2005, 280, 11781-11789.	1.6	50
58	Protein Targeting of an Unusual, Evolutionarily Conserved Adenylate Kinase to a Eukaryotic Flagellum. Molecular Biology of the Cell, 2004, 15, 3257-3265.	0.9	66
59	More than one way to build a flagellum: comparative genomics of parasitic protozoa. Current Biology, 2004, 14, R611-R612.	1.8	109
60	Maturation of the unusual single-cysteine (XXXCH) mitochondrial c-type cytochromes found in trypanosomatids must occur through a novel biogenesis pathway. Biochemical Journal, 2004, 383, 537-542.	1.7	62
61	Why are parasite contingency genes often associated with telomeres?. International Journal for Parasitology, 2003, 33, 29-45.	1.3	177
62	Fatty acid and sterol metabolism: potential antimicrobial targets in apicomplexan and trypanosomatid parasitic protozoa. Molecular and Biochemical Parasitology, 2003, 126, 129-142.	0.5	268
63	Ex Vivo and In Vitro Identification of a Consensus Promoter for VSG Genes Expressed by Metacyclic-Stage Trypanosomes in the Tsetse Fly. Eukaryotic Cell, 2002, 1, 1000-1009.	3.4	44
64	Ku Is Important for Telomere Maintenance, but Not for Differential Expression of Telomeric VSG Genes, in African Trypanosomes. Journal of Biological Chemistry, 2002, 277, 21269-21277.	1.6	71
65	Organic matter assimilation and selective feeding by holothurians in the deep sea: some observations and comments. Progress in Oceanography, 2001, 50, 407-421.	1.5	91
66	The Biosynthetic Incorporation of the Intact Leucine Skeleton into Sterol by the Trypanosomatid Leishmania mexicana. Journal of Biological Chemistry, 2001, 276, 11674-11682.	1.6	66
67	A preliminary investigation of the lipids of abyssal holothurians from the north-east Atlantic Ocean. Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 139-146.	0.4	44
68	Utilization of leucine and acetate as carbon sources for sterol and fatty acid biosynthesis by Old and New World Leishmania species, Endotrypanumâ€ƒmonterogeii and Trypanosomaâ€ƒcruzi. FEBS Journal, 2000, 267, 2555-2566.	0.2	35
69	Elucidation of carbon sources used for the biosynthesis of fatty acids and sterols in the trypanosomatid Leishmania mexicana. Biochemical Journal, 1999, 342, 397-405.	1.7	32
70	Elucidation of carbon sources used for the biosynthesis of fatty acids and sterols in the trypanosomatid Leishmania mexicana. Biochemical Journal, 1999, 342, 397.	1.7	9
71	Carbon sources for fatty acid and sterol biosynthesis in Leishmania species. Biochemical Society Transactions, 1996, 24, 434S-434S.	1.6	1