

Michael L Ginger

List of Publications by Year in descending order

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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	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
2	Flagellar motility is required for the viability of the bloodstream trypanosome. <i>Nature</i> , 2006, 440, 224-227.	13.7	453
3	The Genome of <i>Naegleria gruberi</i> Illuminates Early Eukaryotic Versatility. <i>Cell</i> , 2010, 140, 631-642.	13.5	399
4	Genome of <i>Acanthamoeba castellanii</i> highlights extensive lateral gene transfer and early evolution of tyrosine kinase signaling. <i>Genome Biology</i> , 2013, 14, R11.	13.9	296
5	Fatty acid and sterol metabolism: potential antimicrobial targets in apicomplexan and trypanosomatid parasitic protozoa. <i>Molecular and Biochemical Parasitology</i> , 2003, 126, 129-142.	0.5	268
6	Why are parasite contingency genes often associated with telomeres?. <i>International Journal for Parasitology</i> , 2003, 33, 29-45.	1.3	177
7	Molecular paleontology and complexity in the last eukaryotic common ancestor. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013, 48, 373-396.	2.3	170
8	Autophagy in protists. <i>Autophagy</i> , 2011, 7, 127-158.	4.3	148
9	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, 3416-3421.	3.3	137
10	Kinetoplastid Phylogenomics Reveals the Evolutionary Innovations Associated with the Origins of Parasitism. <i>Current Biology</i> , 2016, 26, 161-172.	1.8	137
11	Swimming with protists: perception, motility and flagellum assembly. <i>Nature Reviews Microbiology</i> , 2008, 6, 838-850.	13.6	135
12	Autophagy in parasitic protists: Unique features and drug targets. <i>Molecular and Biochemical Parasitology</i> , 2011, 177, 83-99.	0.5	111
13	More than one way to build a flagellum: comparative genomics of parasitic protozoa. <i>Current Biology</i> , 2004, 14, R611-R612.	1.8	109
14	Transcriptome, proteome and draft genome of <i>Euglena gracilis</i> . <i>BMC Biology</i> , 2019, 17, 11.	1.7	98
15	Organic matter assimilation and selective feeding by holothurians in the deep sea: some observations and comments. <i>Progress in Oceanography</i> , 2001, 50, 407-421.	1.5	91
16	Trypanosome IFT mutants provide insight into the motor location for mobility of the flagella connector and flagellar membrane formation. <i>Journal of Cell Science</i> , 2006, 119, 3935-3943.	1.2	90
17	Order within a mosaic distribution of mitochondrial cytochrome biogenesis systems?. <i>FEBS Journal</i> , 2008, 275, 2385-2402.	2.2	79
18	Ku Is Important for Telomere Maintenance, but Not for Differential Expression of Telomeric VSG Genes, in African Trypanosomes. <i>Journal of Biological Chemistry</i> , 2002, 277, 21269-21277.	1.6	71

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19	The Biosynthetic Incorporation of the Intact Leucine Skeleton into Sterol by the Trypanosomatid <i>Leishmania mexicana</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 11674-11682.	1.6	66
20	Protein Targeting of an Unusual, Evolutionarily Conserved Adenylate Kinase to a Eukaryotic Flagellum. <i>Molecular Biology of the Cell</i> , 2004, 15, 3257-3265.	0.9	66
21	Maturation of the unusual single-cysteine (XXXCH) mitochondrial c-type cytochromes found in trypanosomatids must occur through a novel biogenesis pathway. <i>Biochemical Journal</i> , 2004, 383, 537-542.	1.7	62
22	Modulation of a cytoskeletal calpain-like protein induces major transitions in trypanosome morphology. <i>Journal of Cell Biology</i> , 2014, 206, 377-384.	2.3	57
23	Autophagy in protists: examples of secondary loss, lineage-specific innovations, and the conundrum of remodeling a single mitochondrion. <i>Autophagy</i> , 2009, 5, 784-794.	4.3	56
24	Intermediary Metabolism in Protists: a Sequence-based View of Facultative Anaerobic Metabolism in Evolutionarily Diverse Eukaryotes. <i>Protist</i> , 2010, 161, 642-671.	0.6	55
25	Intracellular Positioning of Isoforms Explains an Unusually Large Adenylate Kinase Gene Family in the Parasite <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 11781-11789.	1.6	50
26	Niche metabolism in parasitic protozoa. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 101-118.	1.8	50
27	Distinctive biochemistry in the trypanosome mitochondrial intermembrane space suggests a model for stepwise evolution of the MIA pathway for import of cysteine-rich proteins. <i>FEBS Letters</i> , 2008, 582, 2817-2825.	1.3	49
28	Cell Morphogenesis of <i>Trypanosoma brucei</i> Requires the Paralogous, Differentially Expressed Calpain-related Proteins CAP5.5 and CAP5.5V. <i>Protist</i> , 2009, 160, 576-590.	0.6	48
29	Peroxisomes in parasitic protists. <i>Molecular and Biochemical Parasitology</i> , 2016, 209, 35-45.	0.5	47
30	Rewiring and regulation of cross-compartmentalized metabolism in protists. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 831-845.	1.8	46
31	A preliminary investigation of the lipids of abyssal holothurians from the north-east Atlantic Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000, 80, 139-146.	0.4	44
32	Ex Vivo and In Vitro Identification of a Consensus Promoter for VSG Genes Expressed by Metacyclic-Stage Trypanosomes in the Tsetse Fly. <i>Eukaryotic Cell</i> , 2002, 1, 1000-1009.	3.4	44
33	Moonlighting enzymes in parasitic protozoa. <i>Parasitology</i> , 2010, 137, 1467-1475.	0.7	43
34	Flagellum assembly and function during the <i>Leishmania</i> life cycle. <i>Current Opinion in Microbiology</i> , 2010, 13, 473-479.	2.3	42
35	Divergence of Erv1-Associated Mitochondrial Import and Export Pathways in Trypanosomes and Anaerobic Protists. <i>Eukaryotic Cell</i> , 2013, 12, 343-355.	3.4	42
36	The <i>Naegleria</i> genome: a free-living microbial eukaryote lends unique insights into core eukaryotic cell biology. <i>Research in Microbiology</i> , 2011, 162, 607-618.	1.0	40

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37	Flagellum attachment zone protein modulation and regulation of cell shape in <i>Trypanosoma brucei</i> life cycle transitions. <i>Journal of Cell Science</i> , 2015, 128, 3117-30.	1.2	40
38	Trypanosomatid Biology and Euglenozoan Evolution: New Insights and Shifting Paradigms Revealed through Genome Sequencing. <i>Protist</i> , 2005, 156, 377-392.	0.6	39
39	RNA Interference Mutant Induction In Vivo Demonstrates the Essential Nature of Trypanosome Flagellar Function during Mammalian Infection. <i>Eukaryotic Cell</i> , 2007, 6, 1248-1250.	3.4	38
40	Utilization of leucine and acetate as carbon sources for sterol and fatty acid biosynthesis by Old and New World <i>Leishmania</i> species, <i>Endotrypanum monterogeii</i> and <i>Trypanosoma cruzi</i> . <i>FEBS Journal</i> , 2000, 267, 2555-2566.	0.2	35
41	Ancestral roles of eukaryotic frataxin: mitochondrial frataxin function and heterologous expression of hydrogenosomal <i>Trichomonas</i> homologues in trypanosomes. <i>Molecular Microbiology</i> , 2008, 69, 94-109.	1.2	35
42	TrypanoCyc: a community-led biochemical pathways database for <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 2015, 43, D637-D644.	6.5	35
43	Calmodulin is Required for Paraflagellar Rod Assembly and Flagellum-Cell Body Attachment in Trypanosomes. <i>Protist</i> , 2013, 164, 528-540.	0.6	33
44	Elucidation of carbon sources used for the biosynthesis of fatty acids and sterols in the trypanosomatid <i>Leishmania mexicana</i> . <i>Biochemical Journal</i> , 1999, 342, 397-405.	1.7	32
45	Structure of a trypanosomatid mitochondrial cytochrome <i>c</i> with heme attached via only one thioether bond and implications for the substrate recognition requirements of heme lyase. <i>FEBS Journal</i> , 2009, 276, 2822-2832.	2.2	31
46	Farming, slaving and enslavement: histories of endosymbioses during kinetoplastid evolution. <i>Parasitology</i> , 2018, 145, 1311-1323.	0.7	31
47	Tubulin-binding cofactor C domain-containing protein TBCCD1 orchestrates cytoskeletal filament formation. <i>Journal of Cell Science</i> , 2013, 126, 5350-6.	1.2	28
48	Eukaryotic Flagella: Variations in Form, Function, and Composition during Evolution. <i>BioScience</i> , 2014, 64, 1103-1114.	2.2	28
49	Reductionist Pathways for Parasitism in Euglenozoans? Expanded Datasets Provide New Insights. <i>Trends in Parasitology</i> , 2021, 37, 100-116.	1.5	28
50	An Alternative Model for the Role of RP2 Protein in Flagellum Assembly in the African Trypanosome. <i>Journal of Biological Chemistry</i> , 2014, 289, 464-475.	1.6	25
51	Complexity and diversity in c-type cytochrome biogenesis systems. <i>Biochemical Society Transactions</i> , 2005, 33, 145-146.	1.6	19
52	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. <i>Biochemical Journal</i> , 2009, 419, 177-186.	1.7	18
53	Genomics and transcriptomics yields a system-level view of the biology of the pathogen <i>Naegleria fowleri</i> . <i>BMC Biology</i> , 2021, 19, 142.	1.7	18
54	Protein moonlighting in parasitic protists. <i>Biochemical Society Transactions</i> , 2014, 42, 1734-1739.	1.6	12

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55	Self-Assembled Anion-Binding Cryptand for the Selective Liquid-Liquid Extraction of Phosphate Anions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20480-20484.	7.2	12
56	Self-assembly of an anion receptor with metal-dependent kinase inhibition and potent in vitro anti-cancer properties. <i>Nature Communications</i> , 2021, 12, 3898.	5.8	11
57	Elucidation of carbon sources used for the biosynthesis of fatty acids and sterols in the trypanosomatid <i>Leishmania mexicana</i> . <i>Biochemical Journal</i> , 1999, 342, 397.	1.7	9
58	Probing why trypanosomes assemble atypical cytochrome c with an AxxCH haem-binding motif instead of CxxCH. <i>Biochemical Journal</i> , 2012, 448, 253-260.	1.7	8
59	Variation in Basal Body Localisation and Targeting of Trypanosome RP2 and FOR20 Proteins. <i>Protist</i> , 2017, 168, 452-466.	0.6	6
60	A centriolar FGR1 oncogene partner-like protein required for paraflagellar rod assembly, but not axoneme assembly in African trypanosomes. <i>Open Biology</i> , 2018, 8, 170218.	1.5	5
61	Divergent Cytochrome <i>c</i> Maturation System in Kinetoplastid Protists. <i>MBio</i> , 2021, 12, .	1.8	5
62	Evidence for Loss of a Partial Flagellar Glycolytic Pathway during Trypanosomatid Evolution. <i>PLoS ONE</i> , 2014, 9, e103026.	1.1	5
63	The evolution of organellar metabolism in unicellular eukaryotes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 693-698.	1.8	4
64	Post-genomic views of a "unique" metabolism in the eukaryotic flagellum. <i>Biochemical Society Transactions</i> , 2005, 33, 975.	1.6	3
65	Proteomic insights into parasite biology. <i>Parasitology</i> , 2012, 139, 1101-1102.	0.7	3
66	Airyscan Superresolution Microscopy to Study Trypanosomatid Cell Biology. <i>Methods in Molecular Biology</i> , 2020, 2116, 449-461.	0.4	2
67	Carbon sources for fatty acid and sterol biosynthesis in <i>Leishmania</i> species. <i>Biochemical Society Transactions</i> , 1996, 24, 434S-434S.	1.6	1
68	Making the pathogen: Evolution and adaptation in parasitic protists. <i>Molecular and Biochemical Parasitology</i> , 2016, 209, 1-2.	0.5	1
69	Meeting Report: Euglenids in the Age of Symbiogenesis: Origins, Innovations, and Prospects, November 8-11, 2021. <i>Protist</i> , 2022, , 125894.	0.6	1
70	35 Years of Molecular and Biochemical Parasitology. <i>Molecular and Biochemical Parasitology</i> , 2014, 195, 75-76.	0.5	0
71	Analysis of Base Excision and Single-Strand Break Repair Activities in Trypanosomatid Extracts. <i>Methods in Molecular Biology</i> , 2020, 2116, 353-364.	0.4	0