Julius Lukes

List of Publications by Year in descending order

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363 papers	19,238 citations	17440 63 h-index	19749 117 g-index
399 all docs	399 docs citations	399 times ranked	14094 citing authors

#	Article	IF	Citations
1	Eukaryotic plankton diversity in the sunlit ocean. Science, 2015, 348, 1261605.	12.6	1,551
2	The Revised Classification of Eukaryotes. Journal of Eukaryotic Microbiology, 2012, 59, 429-514.	1.7	1,340
3	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. Journal of Eukaryotic Microbiology, 2019, 66, 4-119.	1.7	904
4	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. PLoS Biology, 2012, 10, e1001419.	5.6	488
5	A common red algal origin of the apicomplexan, dinoflagellate, and heterokont plastids. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10949-10954.	7.1	406
6	Evolutionary and geographical history of the Leishmania donovani complex with a revision of current taxonomy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9375-9380.	7.1	358
7	Kinetoplast DNA Network: Evolution of an Improbable Structure. Eukaryotic Cell, 2002, 1, 495-502.	3.4	272
8	The evolution and diversity of kinetoplastid flagellates. Trends in Parasitology, 2006, 22, 168-174.	3.3	267
9	Phylogeny of trypanosomes as inferred from the small and large subunit rRNAs: implications for the evolution of parasitism in the trypanosomatid protozoa. Molecular and Biochemical Parasitology, 1996, 75, 197-205.	1.1	239
10	Sex is a ubiquitous, ancient, and inherent attribute of eukaryotic life. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8827-8834.	7.1	236
11	Adaptations of Trypanosoma brucei to gradual loss of kinetoplast DNA: Trypanosoma equiperdum and Trypanosoma evansi are petite mutants of T. brucei. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1999-2004.	7.1	229
12	Leishmania infections: Molecular targets and diagnosis. Molecular Aspects of Medicine, 2017, 57, 1-29.	6.4	220
13	Microsporidia and â€˜The Art of Living Togetherâ€™. Advances in Parasitology, 2013, 82, 253-319.	3.2	210
14	Irremediable Complexity?. Science, 2010, 330, 920-921.	12.6	204
15	Evolution of parasitism in kinetoplastid flagellates. Molecular and Biochemical Parasitology, 2014, 195, 115-122.	1.1	200
16	Chromerid genomes reveal the evolutionary path from photosynthetic algae to obligate intracellular parasites. ELife, 2015, 4, e06974.	6.0	198
17	Unexplained complexity of the mitochondrial genome and transcriptome in kinetoplastid flagellates. Current Genetics, 2005, 48, 277-299.	1.7	180
18	Diversity and phylogeny of insect trypanosomatids: all that is hidden shall be revealed. Trends in Parasitology, 2013, 29, 43-52.	3.3	173

#	Article	IF	Citations
19	How a neutral evolutionary ratchet can build cellular complexity. IUBMB Life, 2011, 63, 528-537.	3.4	160
20	Morphology, Ultrastructure and Life Cycle of Vitrella brassicaformis n. sp., n. gen., a Novel Chromerid from the Great Barrier Reef. Protist, 2012, 163, 306-323.	1.5	148
21	Are Human Intestinal Eukaryotes Beneficial or Commensals?. PLoS Pathogens, 2015, 11, e1005039.	4.7	146
22	Towards multilocus sequence typing of the Leishmania donovani complex: Resolving genotypes and haplotypes for five polymorphic metabolic enzymes (ASAT, GPI, NH1, NH2, PGD). International Journal for Parasitology, 2006, 36, 757-769.	3.1	137
23	Trypanosomatids Are Much More than Just Trypanosomes: Clues from the Expanded Family Tree. Trends in Parasitology, 2018, 34, 466-480.	3.3	127
24	Genome and Phylogenetic Analyses of Trypanosoma evansi Reveal Extensive Similarity to T. brucei and Multiple Independent Origins for Dyskinetoplasty. PLoS Neglected Tropical Diseases, 2015, 9, e3404.	3.0	124
25	Trypanosome <scp>RNA</scp> editing: the complexity of getting U in and taking U out. Wiley Interdisciplinary Reviews RNA, 2016, 7, 33-51.	6.4	124
26	Recent advances in trypanosomatid research: genome organization, expression, metabolism, taxonomy and evolution. Parasitology, 2019, 146, 1-27.	1.5	121
27	The Evolutionary History of Kinetoplastids and Their Kinetoplasts. Molecular Biology and Evolution, 2002, 19, 2071-2083.	8.9	116
28	RNA Interference Analyses Suggest a Transcript-specific Regulatory Role for Mitochondrial RNA-binding Proteins MRP1 and MRP2 in RNA Editing and Other RNA Processing in Trypanosoma brucei. Journal of Biological Chemistry, 2005, 280, 2429-2438.	3.4	106
29	Extreme Diversity of Diplonemid Eukaryotes in the Ocean. Current Biology, 2016, 26, 3060-3065.	3.9	105
30	Euglenozoa: taxonomy, diversity and ecology, symbioses and viruses. Open Biology, 2021, 11, 200407.	3.6	102
31	Crystal Structures of T. brucei MRP1/MRP2 Guide-RNA Binding Complex Reveal RNA Matchmaking Mechanism. Cell, 2006, 126, 701-711.	28.9	101
32	Transcriptome, proteome and draft genome of Euglena gracilis. BMC Biology, 2019, 17, 11.	3.8	98
33	Genetic tool development in marine protists: emerging model organisms for experimental cell biology. Nature Methods, 2020, 17, 481-494.	19.0	97
34	Paratrypanosoma Is a Novel Early-Branching Trypanosomatid. Current Biology, 2013, 23, 1787-1793.	3.9	96
35	Make It, Take It, or Leave It: Heme Metabolism of Parasites. PLoS Pathogens, 2013, 9, e1003088.	4.7	96
36	Leptomonas seymouri: Adaptations to the Dixenous Life Cycle Analyzed by Genome Sequencing, Transcriptome Profiling and Co-infection with Leishmania donovani. PLoS Pathogens, 2015, 11, e1005127.	4.7	96

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37	Analysis of Ribosomal RNA Genes Suggests That Trypanosomes Are Monophyletic. Journal of Molecular Evolution, 1997, 44, 521-527.	1.8	94
38	Unique Mitochondrial Genome Structure in Diplonemids, the Sister Group of Kinetoplastids. Eukaryotic Cell, 2005, 4, 1137-1146.	3.4	94
39	Morphology and Ultrastructure of Multiple Life Cycle Stages of the Photosynthetic Relative of Apicomplexa, Chromera velia. Protist, 2011, 162, 115-130.	1.5	93
40	Coprodiagnosis of Hammondia heydorni in Dogs by PCR Based Amplification of ITS 1 rRNA: Differentiation from Morphologically Indistinguishable Oocysts of Neospora caninum. Veterinary Journal, 2002, 163, 147-154.	1.7	89
41	Malleable Mitochondrion of Trypanosoma brucei. International Review of Cell and Molecular Biology, 2015, 315, 73-151.	3.2	88
42	The Phylogeny of Goussia and Choleoeimeria (Apicomplexa; Eimeriorina) and the Evolution of Excystation Structures in Coccidia. Protist, 2002, 153, 379-390.	1.5	87
43	Evolution of the haem synthetic pathway in kinetoplastid flagellates: An essential pathway that is not essential after all?. International Journal for Parasitology, 2010, 40, 149-156.	3.1	87
44	Comparative Metabolism of Freeâ€living Bodo saltans and Parasitic Trypanosomatids. Journal of Eukaryotic Microbiology, 2016, 63, 657-678.	1.7	86
45	Cascades of convergent evolution: The corresponding evolutionary histories of euglenozoans and dinoflagellates. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9963-9970.	7.1	83
46	Morphological Identification and Single-Cell Genomics of Marine Diplonemids. Current Biology, 2016, 26, 3053-3059.	3.9	83
47	TbRGG1, an essential protein involved in kinetoplastid RNA metabolism that is associated with a novel multiprotein complex. Rna, 2008, 14, 970-980.	3.5	82
48	Kinetoplastid guide RNA biogenesis is dependent on subunits of the mitochondrial RNA binding complex 1 and mitochondrial RNA polymerase. Rna, 2009, 15, 588-599.	3.5	82
49	Evolution of the apicoplast and its hosts: From heterotrophy to autotrophy and back again. International Journal for Parasitology, 2009, 39, 1-12.	3.1	79
50	Divergent Mitochondrial Respiratory Chains in Phototrophic Relatives of Apicomplexan Parasites. Molecular Biology and Evolution, 2015, 32, 1115-1131.	8.9	79
51	New Approaches to Systematics of Trypanosomatidae: Criteria for Taxonomic (Re)description. Trends in Parasitology, 2015, 31, 460-469.	3.3	79
52	The Leishmania donovani complex: Genotypes of five metabolic enzymes (ICD, ME, MPI, G6PDH, and FH), new targets for multilocus sequence typing. International Journal for Parasitology, 2007, 37, 149-160.	3.1	78
53	Perkinsiella amoebae-like endosymbionts of Neoparamoeba spp., relatives of the kinetoplastid Ichthyobodo. European Journal of Protistology, 2003, 39, 37-52.	1.5	77
54	Communityâ€Level Responses to Iron Availability in Open Ocean Plankton Ecosystems. Global Biogeochemical Cycles, 2019, 33, 391-419.	4.9	76

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55	Exploring the environmental diversity of kinetoplastid flagellates in the high-throughput DNA sequencing era. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 956-965.	1.6	75
56	Viral discovery and diversity in trypanosomatid protozoa with a focus on relatives of the human parasite Leishmania. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E506-E515.	7.1	75
57	Evolution of Fe/S cluster biogenesis in the anaerobic parasite Blastocystis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10426-10431.	7.1	74
58	Genome of Leptomonas pyrrhocoris: a high-quality reference for monoxenous trypanosomatids and new insights into evolution of Leishmania. Scientific Reports, 2016, 6, 23704.	3.3	74
59	Bacterial and archaeal symbioses with protists. Current Biology, 2021, 31, R862-R877.	3.9	74
60	On the phylogenetic positions of the Caryophyllidea, Pseudophyllidea and Proteocephalidea (Eucestoda) inferred from 18S rRNA. International Journal for Parasitology, 2000, 30, 1109-1113.	3.1	72
61	Systematically fragmented genes in a multipartite mitochondrial genome. Nucleic Acids Research, 2011, 39, 979-988.	14.5	72
62	Downregulation of the nuclear-encoded subunits of the complexes III and IV disrupts their respective complexes but not complex I in procyclic Trypanosoma brucei. Molecular Microbiology, 2005, 58, 116-130.	2.5	71
63	Lexis and Grammar of Mitochondrial RNA Processing in Trypanosomes. Trends in Parasitology, 2020, 36, 337-355.	3.3	71
64	Dog shedding oocysts of Neospora caninum: PCR diagnosis and molecular phylogenetic approach. Veterinary Parasitology, 2002, 109, 157-167.	1.8	70
65	Knock-downs of Iron-Sulfur Cluster Assembly Proteins IscS and IscU Down-regulate the Active Mitochondrion of Procyclic Trypanosoma brucei. Journal of Biological Chemistry, 2006, 281, 28679-28686.	3.4	70
66	Architecture of the trypanosome RNA editing accessory complex, MRB1. Nucleic Acids Research, 2012, 40, 5637-5650.	14.5	69
67	Trypanosoma avium of raptors (Falconiformes): phylogeny and identification of vectors. Parasitology, 2002, 125, 253-63.	1.5	67
68	The Streamlined Genome of Phytomonas spp. Relative to Human Pathogenic Kinetoplastids Reveals a Parasite Tailored for Plants. PLoS Genetics, 2014, 10, e1004007.	3.5	66
69	Metabolic quirks and the colourful history of the Euglena gracilis secondary plastid. New Phytologist, 2020, 225, 1578-1592.	7.3	65
70	Re-evaluating the Green versus Red Signal in Eukaryotes with Secondary Plastid of Red Algal Origin. Genome Biology and Evolution, 2012, 4, 626-635.	2.5	64
71	Novel Trypanosomatid-Bacterium Association: Evolution of Endosymbiosis in Action. MBio, 2016, 7, e01985.	4.1	64
72	Mitochondrial fatty acid synthesis is required for normal mitochondrial morphology and function in Trypanosoma brucei. Molecular Microbiology, 2008, 67, 1125-1142.	2.5	63

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73	Kentomonas gen. n., a New Genus of Endosymbiont-containing Trypanosomatids of Strigomonadinae subfam. n.. Protist, 2014, 165, 825-838.	1.5	63
74	Leptomonas costaricensis sp. n. (Kinetoplastea: Trypanosomatidae), a member of the novel phylogenetic group of insect trypanosomatids closely related to the genus Leishmania. Parasitology, 2006, 133, 537.	1.5	62
75	Phylogenetic analysis of Sarcocystis spp. of mammals and reptiles supports the coevolution of Sarcocystis spp. with their final hosts1Note: The nucleotide sequences of Sarcocystis dispersa and Sarcocystis sp. have been deposited in the GenBankâ„¢ under the accession numbers AF120115 and AF120114, respectively.1. International Journal for Parasitology, 1999, 29, 795-798.	3.1	61
76	GENETIC POLYMORPHISM WITHIN THE LEISHMANIA DONOVANI COMPLEX: CORRELATION WITH GEOGRAPHIC ORIGIN. American Journal of Tropical Medicine and Hygiene, 2004, 70, 613-617.	1.4	61
77	Diversity of Trypanosomatids (Kinetoplastea: Trypanosomatidae) Parasitizing Fleas (Insecta:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.5	61
78	Probing into the diversity of trypanosomatid flagellates parasitizing insect hosts in South-West China reveals both endemism and global dispersal. Molecular Phylogenetics and Evolution, 2010, 54, 243-253.	2.7	60
79	Evolutionary relationships of Spirurina (Nematoda: Chromadorea: Rhabditida) with special emphasis on dracunculoid nematodes inferred from SSU rRNA gene sequencesâ˜†. International Journal for Parasitology, 2006, 36, 1067-1075.	3.1	59
80	Sergeia podlipaevi gen. nov., sp. nov. (Trypanosomatidae, Kinetoplastida), a parasite of biting midges (Ceratopogonidae, Diptera). International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 423-432.	1.7	59
81	Split Photosystem Protein, Linear-Mapping Topology, and Growth of Structural Complexity in the Plastid Genome of Chromera velia. Molecular Biology and Evolution, 2013, 30, 2447-2462.	8.9	59
82	Aerobic kinetoplastid flagellate Phytomonas does not require heme for viability. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3808-3813.	7.1	58
83	Infections by Babesia caballi and Theileria equi in Jordanian equids: epidemiology and genetic diversity. Parasitology, 2013, 140, 1096-1103.	1.5	58
84	The Organellar Genomes of Chromera and Vitrella, the Phototrophic Relatives of Apicomplexan Parasites. Annual Review of Microbiology, 2015, 69, 129-144.	7.3	58
85	Evolutionary relationships among cyst-forming coccidia Sarcocystis spp. (Alveolata: Apicomplexa:) Tj ETQq1 1 0.784314 rgBT /Overlock Molecular Phylogenetics and Evolution, 2003, 27, 464-475.	2.7	57
86	Phylogenetic Analysis of Coccidian Parasites from Invertebrates: Search for Missing Links. Protist, 2006, 157, 173-183.	1.5	57
87	New <scp>S</scp>pecies of <scp>I</scp>nsect <scp>T</scp>rypanosomatids from <scp>C</scp>osta <scp>R</scp>ica and the <scp>P</scp>roposal for a <scp>N</scp>ew <scp>S</scp>ubfamily within the <scp>T</scp>rypanosomatidae. Journal of Eukaryotic Microbiology, 2012, 59, 537-547.	1.7	57
88	Trypanosome Letm1 Protein Is Essential for Mitochondrial Potassium Homeostasis. Journal of Biological Chemistry, 2013, 288, 26914-26925.	3.4	57
89	Unexpectedly Streamlined Mitochondrial Genome of the EuglenozoanEuglena gracilis. Genome Biology and Evolution, 2015, 7, 3358-3367.	2.5	57
90	Extensive flagellar remodeling during the complex life cycle of Paratrypanosoma , an early-branching trypanosomatid. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11757-11762.	7.1	57

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91	A paradigm shift: The mitoproteomes of procyclic and bloodstream Trypanosoma brucei are comparably complex. PLoS Pathogens, 2017, 13, e1006679.	4.7	57
92	Not in your usual Top 10: protists that infect plants and algae. Molecular Plant Pathology, 2018, 19, 1029-1044.	4.2	55
93	Monophyly of Endosymbiont Containing Trypanosomatids: Phylogeny versus Taxonomy. Journal of Eukaryotic Microbiology, 1998, 45, 293-297.	1.7	54
94	RNA editing in the free-living bodonid Bodo saltans [published erratum appears in Nucleic Acids Res 1998 Dec 1;26(23):5539]. Nucleic Acids Research, 1998, 26, 1205-1213.	14.5	54
95	Diversity of Insect Trypanosomatids Assessed from the Spliced Leader RNA and 5s rRNA Genes and Intergenic Regions1. Journal of Eukaryotic Microbiology, 2004, 51, 283-290.	1.7	54
96	Two New Species of Trypanosomatid Parasites Isolated from Heteroptera in Costa Rica. Journal of Eukaryotic Microbiology, 2010, 57, 177-188.	1.7	53
97	Dual core processing: MRB1 is an emerging kinetoplast RNA editing complex. Trends in Parasitology, 2013, 29, 91-99.	3.3	53
98	Returning to the Fold for Lessons in Mitochondrial Crista Diversity and Evolution. Current Biology, 2020, 30, R575-R588.	3.9	53
99	The rise of model protozoa. Trends in Microbiology, 2012, 20, 184-191.	7.7	51
100	Quest for the piroplasms in camels: Identification of Theileria equi and Babesia caballi in Jordanian dromedaries by PCR. Veterinary Parasitology, 2012, 186, 456-460.	1.8	51
101	Phylogeny of the kinetoplastida: taxonomic problems and insights into the evolution of parasitism. Memorias Do Instituto Oswaldo Cruz, 2001, 96, 397-402.	1.6	50
102	Unusual Mitochondrial Genome Structures throughout the Euglenozoa. Protist, 2007, 158, 385-396.	1.5	50
103	Life Cycle, Ultrastructure, and Phylogeny of New Diplonemids and Their Endosymbiotic Bacteria. MBio, 2018, 9, .	4.1	50
104	Parasite microbiome project: Grand challenges. PLoS Pathogens, 2019, 15, e1008028.	4.7	50
105	Gene fragmentation: a key to mitochondrial genome evolution in Euglenozoa?. Current Genetics, 2011, 57, 225-232.	1.7	48
106	Trypanosomes and the solution to a 50-year mitochondrial calcium mystery. Trends in Parasitology, 2012, 28, 31-37.	3.3	48
107	Evolution of metabolic capabilities and molecular features of diplonemids, kinetoplastids, and euglenids. BMC Biology, 2020, 18, 23.	3.8	48
108	An Integrated Morphological and Molecular Approach to a New Species Description in the Trypanosomatidae: the Case of Leptomonas podlipaevi n. sp., a Parasite of Boisea rubrolineata (Hemiptera: Rhopalidae). Journal of Eukaryotic Microbiology, 2006, 53, 103-111.	1.7	47

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109	The Diverged Trypanosome MICOS Complex as a Hub for Mitochondrial Cristae Shaping and Protein Import. Current Biology, 2018, 28, 3393-3407.e5.	3.9	47
110	Molecular Phylogenetic Relatedness of Frenkelia spp. (Protozoa, Apicomplexa) to Sarcocystis falcatula Stiles 1893: Is the Genus Sarcocystis Paraphyletic?. Journal of Eukaryotic Microbiology, 1998, 45, 137-141.	1.7	46
111	Selective recovery of the cultivation-prone components from mixed trypanosomatid infections: a case of several novel species isolated from Neotropical Heteroptera. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 893-909.	1.7	46
112	Diplonemids. Current Biology, 2015, 25, R702-R704.	3.9	46
113	Ultrastructure and molecular phylogeny of four new species of monoxenous trypanosomatids from flies (Diptera: Brachycera) with redefinition of the genus Wallaceina. Folia Parasitologica, 2014, 61, 97-112.	1.3	45
114	Cosmopolitan Distribution of a Trypanosomatid Leptomonas pyrrhocoris. Protist, 2012, 163, 616-631.	1.5	44
115	Genome sequencing reveals metabolic and cellular interdependence in an amoeba-kinetoplastid symbiosis. Scientific Reports, 2017, 7, 11688.	3.3	44
116	Phylogeny and Morphology of New Diplonemids from Japan. Protist, 2018, 169, 158-179.	1.5	44
117	Morphological Discordance of the New Trypanosomatid Species Phylogenetically Associated with the Genus Crithidia. Protist, 2008, 159, 99-114.	1.5	43
118	MRB3010 is a core component of the MRB1 complex that facilitates an early step of the kinetoplastid RNA editing process. Rna, 2011, 17, 865-877.	3.5	42
119	Divergence of Erv1-Associated Mitochondrial Import and Export Pathways in Trypanosomes and Anaerobic Protists. Eukaryotic Cell, 2013, 12, 343-355.	3.4	42
120	A putative novel nuclear-encoded subunit of the cytochrome c oxidase complex in trypanosomatids. Molecular and Biochemical Parasitology, 2002, 125, 113-125.	1.1	41
121	Complex I (NADH:ubiquinone oxidoreductase) is active in but non-essential for procyclic Trypanosoma brucei. Molecular and Biochemical Parasitology, 2011, 175, 196-200.	1.1	41
122	Highly Reduced Genomes of Protist Endosymbionts Show Evolutionary Convergence. Current Biology, 2020, 30, 925-933.e3.	3.9	41
123	Flagellum attachment zone protein modulation and regulation of cell shape in Trypanosoma brucei life cycle transitions. Journal of Cell Science, 2015, 128, 3117-30.	2.0	40
124	Unusual Polypeptide Synthesis in the Kinetoplast-Mitochondria from Leishmania tarentolae. Journal of Biological Chemistry, 2002, 277, 7222-7230.	3.4	39
125	Thiolation Controls Cytoplasmic tRNA Stability and Acts as a Negative Determinant for tRNA Editing in Mitochondria. Journal of Biological Chemistry, 2009, 284, 23947-23953.	3.4	39
126	Functional characterization of two paralogs that are novel RNA binding proteins influencing mitochondrial transcripts of Trypanosoma brucei. Rna, 2012, 18, 1846-1861.	3.5	39

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127	Massive mitochondrial DNA content in diplonemid and kinetoplastid protists. IUBMB Life, 2018, 70, 1267-1274.	3.4	39
128	Helminth Therapy â€“ From the Parasite Perspective. Trends in Parasitology, 2019, 35, 501-515.	3.3	39
129	Pankinetoplast DNA structure in a primitive bodonid flagellate, Cryptobia helicis. EMBO Journal, 1998, 17, 838-846.	7.8	38
130	Catalase in Leishmaniinae: With me or against me?. Infection, Genetics and Evolution, 2017, 50, 121-127.	2.3	38
131	Mitochondrial localization of human frataxin is necessary but processing is not for rescuing frataxin deficiency in Trypanosoma brucei. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13468-13473.	7.1	37
132	Diversity of Trypanosomatids in Cockroaches and the Description of Herpetomonas tarakana sp. n.. Journal of Eukaryotic Microbiology, 2016, 63, 198-209.	1.7	37
133	Stageâ€specific requirement for Isa1 and Isa2 proteins in the mitochondrion of Trypanosoma brucei and heterologous rescue by human and Blastocystis orthologues. Molecular Microbiology, 2011, 81, 1403-1418.	2.5	36
134	Phylogenetic relationships of trypanosomatids parasitising true bugs (Insecta: Heteroptera) in sub-Saharan Africa. International Journal for Parasitology, 2012, 42, 489-500.	3.1	36
135	Growing diversity of trypanosomatid parasites of flies (Diptera: Brachycera): Frequent cosmopolitism and moderate host specificity. Molecular Phylogenetics and Evolution, 2013, 69, 255-264.	2.7	36
136	Mitochondrial Heat Shock Protein Machinery Hsp70/Hsp40 Is Indispensable for Proper Mitochondrial DNA Maintenance and Replication. MBio, 2015, 6, .	4.1	36
137	Infection Dynamics and Immune Response in a Newly Described Drosophila -Trypanosomatid Association. MBio, 2015, 6, e01356-15.	4.1	36
138	Diversity and evolution of anuran trypanosomes: insights from the study of European species. Parasites and Vectors, 2018, 11, 447.	2.5	36
139	Ancestral roles of eukaryotic frataxin: mitochondrial frataxin function and heterologous expression of hydrogenosomal Trichomonas homologues in trypanosomes. Molecular Microbiology, 2008, 69, 94-109.	2.5	35
140	Structure and function of the native and recombinant mitochondrial MRP1/MRP2 complex from Trypanosoma brucei. International Journal for Parasitology, 2008, 38, 901-912.	3.1	34
141	Detection ofPlasmodiumspp. in Human Feces. Emerging Infectious Diseases, 2012, 18, 634-6.	4.3	34
142	Genome of Ca. Pandoraea novymonadis, an Endosymbiotic Bacterium of the Trypanosomatid Novymonas esmeraldas. Frontiers in Microbiology, 2017, 8, 1940.	3.5	34
143	Disruption of the Crithidia fasciculata KAP1 gene results in structural rearrangement of the kinetoplast disc. Molecular and Biochemical Parasitology, 2001, 117, 179-186.	1.1	33
144	HERPETOMONAS ZTIPLIKA N. SP. (KINETOPLASTIDA: TRYPANOSOMATIDAE): A PARASITE OF THE BLOOD-SUCKING BITING MIDGE CULICOIDES KIBUNENSIS TOKUNAGA, 1937 (DIPTERA: CERATOPOGONIDAE). Journal of Parasitology, 2004, 90, 342-347.	0.7	33

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145	A Model for Taxonomic Work on Homoxenous Coccidia: Redescription, Host Specificity, and Molecular Phylogeny of Eimeria ranae Dobell, 1909, with a Review of Anuranâ€Host Eimeria (Apicomplexa: Eimeriorina). Journal of Eukaryotic Microbiology, 2009, 56, 39-51.	1.7	33
146	Trypanosoma brucei: two steps to spread out from Africa. Trends in Parasitology, 2010, 26, 424-427.	3.3	33
147	A survey for piroplasmids in horses and Bactrian camels in North-Eastern Mongolia. Veterinary Parasitology, 2011, 179, 246-249.	1.8	33
148	A tsetse and tabanid fly survey of African great apes habitats reveals the presence of a novel trypanosome lineage but the absence of Trypanosoma brucei. International Journal for Parasitology, 2015, 45, 741-748.	3.1	33
149	High prevalence of trypanosome co-infections in freshwater fishes. Folia Parasitologica, 2014, 61, 495-504.	1.3	33
150	Description of Rhynchopus euleeides n. sp. (Diplonemea), a Free-Living Marine Euglenozoan. Journal of Eukaryotic Microbiology, 2007, 54, 137-145.	1.7	32
151	The Fe/S Cluster Assembly Protein Isd11 Is Essential for tRNA Thiolation in Trypanosoma brucei. Journal of Biological Chemistry, 2010, 285, 22394-22402.	3.4	32
152	Morphological, Ultrastructural, Motility and Evolutionary Characterization of Two New Hemistasiidae Species. Protist, 2019, 170, 259-282.	1.5	32
153	Mitochondrial tRNA import in Trypanosoma brucei is independent of thiolation and the Rieske protein. Rna, 2009, 15, 1398-1406.	3.5	31
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