

# Julius Lukes

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The convoluted history of haem biosynthesis. <i>Biological Reviews</i> , 2022, 97, 141-162.	10.4	24
2	Trophic flexibility of marine diplomonids - switching from osmotrophy to bacterivory. <i>ISME Journal</i> , 2022, 16, 1409-1419.	9.8	10
3	MlxS-SA: a MlxS extension defining the minimum information standard for sequence data from symbiont-associated micro-organisms. <i>ISME Communications</i> , 2022, 2, .	4.2	3
4	Diplomonids – A Review on "New" Flagellates on the Oceanic Block. <i>Protist</i> , 2022, 173, 125868.	1.5	15
5	Eukaryotic cellular intricacies shape mitochondrial proteomic complexity. <i>BioEssays</i> , 2022, 44, 2100258.	2.5	2
6	<i>Cimex lectularius</i> and <i>Cimex hemipterus</i> (bed bugs). <i>Trends in Parasitology</i> , 2022, 38, 919-920.	3.3	2
7	<i>Leishmania guyanensis</i> M4147 as a new LRV1-bearing model parasite: Phosphatidate phosphatase 2-like protein controls cell cycle progression and intracellular lipid content. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010510.	3.0	7
8	Gene Transfer Agents in Bacterial Endosymbionts of Microbial Eukaryotes. <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	8
9	African trypanosome strategies for conquering new hosts and territories: the end of monophyly?. <i>Trends in Parasitology</i> , 2022, 38, 724-736.	3.3	7
10	Kinetoplastid-specific <i>X2</i> family kinesins interact with a kinesin-like pleckstrin homology domain protein that localizes to the trypanosomal microtubule quartet. <i>Molecular Microbiology</i> , 2022, 118, 155-174.	2.5	0
11	Reductionist Pathways for Parasitism in Euglenozoans? Expanded Datasets Provide New Insights. <i>Trends in Parasitology</i> , 2021, 37, 100-116.	3.3	28
12	RNA Editing in Mitochondria and Plastids: Weird and Widespread. <i>Trends in Genetics</i> , 2021, 37, 99-102.	6.7	31
13	Diverse telomeres in trypanosomatids. <i>Parasitology</i> , 2021, 148, 1254-1270.	1.5	5
14	Complete minicircle genome of <i>Leptomonas pyrrocoris</i> reveals sources of its non-canonical mitochondrial RNA editing events. <i>Nucleic Acids Research</i> , 2021, 49, 3354-3370.	14.5	9
15	Ultrastructural Changes of the Mitochondrion During the Life Cycle of <i>Trypanosoma brucei</i> . <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12846.	1.7	15
16	Genome Analysis of <i>Endotrypanum</i> and <i>Porcisia</i> spp., Closest Phylogenetic Relatives of <i>Leishmania</i> , Highlights the Role of Amastins in Shaping Pathogenicity. <i>Genes</i> , 2021, 12, 444.	2.4	12
17	Euglenozoa: taxonomy, diversity and ecology, symbioses and viruses. <i>Open Biology</i> , 2021, 11, 200407.	3.6	102
18	Vestiges of the Bacterial Signal Recognition Particle-Based Protein Targeting in Mitochondria. <i>Molecular Biology and Evolution</i> , 2021, 38, 3170-3187.	8.9	8

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19	Distribution of Merlin in eukaryotes and first report of DNA transposons in kinetoplastid protists. PLoS ONE, 2021, 16, e0251133.	2.5	1
20	Single-cell genomics unveils a canonical origin of the diverse mitochondrial genomes of euglenozoans. BMC Biology, 2021, 19, 103.	3.8	10
21	Endosymbiont Capture, a Repeated Process of Endosymbiont Transfer with Replacement in Trypanosomatids Angomonas spp.. Pathogens, 2021, 10, 702.	2.8	2
22	Nanowatt simple microcalorimetry for dynamically monitoring the defense mechanism of Paramecium caudatum. Sensors and Actuators A: Physical, 2021, 323, 112643.	4.1	9
23	Expanded host and geographic range of tadpole associations with the Severe Perkinsea Infection group. Biology Letters, 2021, 17, 20210166.	2.3	8
24	A hub-and-spoke nuclear lamina architecture in trypanosomes. Journal of Cell Science, 2021, 134, .	2.0	4
25	Characterization of a new cosmopolitan genus of trypanosomatid parasites, Obscuromonas gen. nov. (Blastocrithidiinae subfam. nov.). European Journal of Protistology, 2021, 79, 125778.	1.5	12
26	Bacterial and archaeal symbioses with protists. Current Biology, 2021, 31, R862-R877.	3.9	74
27	A mitochondrial cytidine deaminase is responsible for C to U editing of tRNA <sup>Trp</sup> to decode the UGA codon in <i>Trypanosoma brucei</i> . RNA Biology, 2021, 18, 278-286.	3.1	3
28	How monoxenous trypanosomatids revealed hidden feeding habits of their tsetse fly hosts. Folia Parasitologica, 2021, 68, .	1.3	7
29	The distinctive flagellar proteome of <i>Euglena gracilis</i> illuminates the complexities of protistan flagella adaptation. New Phytologist, 2021, 232, 1323-1336.	7.3	14
30	A New Model Trypanosomatid, <i>Novymonas esmeraldas</i> : Genomic Perception of Its <i>Candidatus</i> Pandoraea novymonadis-Endosymbiont. MBio, 2021, 12, e0160621.	4.1	8
31	The cell wall polysaccharides of a photosynthetic relative of apicomplexans, <i>Chromera velia</i> . Journal of Phycology, 2021, 57, 1805-1809.	2.3	0
32	The Remarkable Metabolism of Vickermania ingenoplastis: Genomic Predictions. Pathogens, 2021, 10, 68.	2.8	7
33	Highly flexible metabolism of the marine euglenozoan protist Diplonema papillatum. BMC Biology, 2021, 19, 251.	3.8	19
34	Metabolic quirks and the colourful history of the <i>Euglena gracilis</i> secondary plastid. New Phytologist, 2020, 225, 1578-1592.	7.3	65
35	Catalase compromises the development of the insect and mammalian stages of <i>Trypanosoma Brucei</i> . FEBS Journal, 2020, 287, 964-977.	4.7	13
36	Gene fragmentation and RNA editing without borders: eccentric mitochondrial genomes of diplomemids. Nucleic Acids Research, 2020, 48, 2694-2708.	14.5	31

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37	Vickermania gen. nov., trypanosomatids that use two joined flagella to resist midgut peristaltic flow within the fly host. BMC Biology, 2020, 18, 187.	3.8	17
38	Highly Reduced Genomes of Protist Endosymbionts Show Evolutionary Convergence. Current Biology, 2020, 30, 925-933.e3.	3.9	41
39	Environmental determinants of the distribution of planktonic diplomonads and kinetoplastids in the oceans. Environmental Microbiology, 2020, 22, 4014-4031.	3.8	22
40	Large-Scale Phylogenetic Analysis of Trypanosomatid Adenylate Cyclases Reveals Associations with Extracellular Lifestyle and Host-Pathogen Interplay. Genome Biology and Evolution, 2020, 12, 2403-2416.	2.5	19
41	Endangered monoxenous trypanosomatid parasites: a lesson from island biogeography. Biodiversity and Conservation, 2020, 29, 3635-3667.	2.6	10
42	Novel organization of mitochondrial minicircles and guide RNAs in the zoonotic pathogen Trypanosoma lewisi. Nucleic Acids Research, 2020, 48, 9747-9761.	14.5	10
43	Comparing Early Eukaryotic Integration of Mitochondria and Chloroplasts in the Light of Internal ROS Challenges: Timing is of the Essence. MBio, 2020, 11, .	4.1	18
44	Returning to the Fold for Lessons in Mitochondrial Crista Diversity and Evolution. Current Biology, 2020, 30, R575-R588.	3.9	53
45	Catalase and Ascorbate Peroxidase in Euglenozoan Protists. Pathogens, 2020, 9, 317.	2.8	12
46	Targeted integration by homologous recombination enables in situ tagging and replacement of genes in the marine microeukaryote Diplonema papillatum. Environmental Microbiology, 2020, 22, 3660-3670.	3.8	9
47	Lexis and Grammar of Mitochondrial RNA Processing in Trypanosomes. Trends in Parasitology, 2020, 36, 337-355.	3.3	71
48	A Uniquely Complex Mitochondrial Proteome from Euglena gracilis. Molecular Biology and Evolution, 2020, 37, 2173-2191.	8.9	22
49	Evolution of metabolic capabilities and molecular features of diplomonads, kinetoplastids, and euglenids. BMC Biology, 2020, 18, 23.	3.8	48
50	ZapE/Afg1 interacts with Oxa1 and its depletion causes a multifaceted phenotype. PLoS ONE, 2020, 15, e0234918.	2.5	7
51	Unique Dynamics of Paramylon Storage in the Marine Euglenozoan Diplonema papillatum. Protist, 2020, 171, 125717.	1.5	8
52	Diverse alveolate infections of tadpoles, a new threat to frogs?. PLoS Pathogens, 2020, 16, e1008107.	4.7	9
53	Genetic tool development in marine protists: emerging model organisms for experimental cell biology. Nature Methods, 2020, 17, 481-494.	19.0	97
54	Sulfonated inhibitors of the RNA editing ligases validate the essential role of the MRP1/2 proteins in kinetoplastid RNA editing. Rna, 2020, 26, 827-835.	3.5	5

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55	Field Isolation and Cultivation of Trypanosomatids from Insects. <i>Methods in Molecular Biology</i> , 2020, 2116, 3-21.	0.9	4
56	Suicidal Leishmania. <i>Pathogens</i> , 2020, 9, 79.	2.8	7
57	OUP accepted manuscript. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	8
58	RNA-Binding Proteins and Their Targets in <i>Trypanosoma brucei</i> : Single Nucleotide Resolution Using iCLIP and iCLAP. <i>Methods in Molecular Biology</i> , 2020, 2116, 303-323.	0.9	0
59	Recent advances in trypanosomatid research: genome organization, expression, metabolism, taxonomy and evolution. <i>Parasitology</i> , 2019, 146, 1-27.	1.5	121
60	A Revised Taxonomy of Diplonemids Including the Eupelagonemidae n. fam. and a Type Species, <i>Eupelagonema oceanica</i> n. gen. & sp.. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 519-524.	1.7	17
61	Causes and Effects of Loss of Classical Nonhomologous End Joining Pathway in Parasitic Eukaryotes. <i>MBo</i> , 2019, 10, .	4.1	31
62	An enigmatic catalase of <i>Blastocrithidia</i> . <i>Molecular and Biochemical Parasitology</i> , 2019, 232, 111199.	1.1	13
63	Parasite microbiome project: Grand challenges. <i>PLoS Pathogens</i> , 2019, 15, e1008028.	4.7	50
64	Comparative genomics of <i>Leishmania (Mundinia)</i> . <i>BMC Genomics</i> , 2019, 20, 726.	2.8	27
65	The highly diverged trypanosomal MICOS complex is organized in a nonessential integral membrane and an essential peripheral module. <i>Molecular Microbiology</i> , 2019, 112, 1731-1743.	2.5	14
66	Morphological, Ultrastructural, Motility and Evolutionary Characterization of Two New Hemistasiidae Species. <i>Protist</i> , 2019, 170, 259-282.	1.5	32
67	Helminth Therapy “ From the Parasite Perspective. <i>Trends in Parasitology</i> , 2019, 35, 501-515.	3.3	39
68	Julius Luke. <i>Current Biology</i> , 2019, 29, R142-R144.	3.9	0
69	Community-Level Responses to Iron Availability in Open Ocean Plankton Ecosystems. <i>Global Biogeochemical Cycles</i> , 2019, 33, 391-419.	4.9	76
70	In Love with Microsporidia for 60+ Years: Jiřka Vavra Passed Away. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 533-534.	1.7	0
71	Transcriptome, proteome and draft genome of <i>Euglena gracilis</i> . <i>BMC Biology</i> , 2019, 17, 11.	3.8	98
72	LmxM.22.0250-Encoded Dual Specificity Protein/Lipid Phosphatase Impairs <i>Leishmania mexicana</i> Virulence In Vitro. <i>Pathogens</i> , 2019, 8, 241.	2.8	12

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73	Insect trypanosomatids in Papua New Guinea: high endemism and diversity. <i>International Journal for Parasitology</i> , 2019, 49, 1075-1086.	3.1	12
74	High Prevalence and Endemism of Trypanosomatids on a Small Caribbean Island. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 600-607.	1.7	10
75	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 4-119.	1.7	904
76	Phylogeny and Morphology of New Diplonemids from Japan. <i>Protist</i> , 2018, 169, 158-179.	1.5	44
77	Fe <sup>2+</sup> cluster assembly in the supergroup Excavata. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 521-541.	2.6	17
78	The reduced genome of <i>Candidatus</i> Kinetoplastibacterium sorsogonicusi, the endosymbiont of <i>Kentomonas sorsogonicus</i> (Trypanosomatidae): loss of the haem-synthesis pathway. <i>Parasitology</i> , 2018, 145, 1287-1293.	1.5	20
79	Viral discovery and diversity in trypanosomatid protozoa with a focus on relatives of the human parasite <i>Leishmania</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E506-E515.	7.1	75
80	Neobodonids are dominant kinetoplastids in the global ocean. <i>Environmental Microbiology</i> , 2018, 20, 878-889.	3.8	27
81	Trypanosomatid mitochondrial RNA editing: dramatically complex transcript repertoires revealed with a dedicated mapping tool. <i>Nucleic Acids Research</i> , 2018, 46, 765-781.	14.5	30
82	Transformation of <i>Diplonema papillatum</i> , the type species of the highly diverse and abundant marine microeukaryotes Diplonemida (Euglenozoa). <i>Environmental Microbiology</i> , 2018, 20, 1030-1040.	3.8	20
83	Trypanosomatids Are Much More than Just Trypanosomes: Clues from the Expanded Family Tree. <i>Trends in Parasitology</i> , 2018, 34, 466-480.	3.3	127
84	Not in your usual Top 10: protists that infect plants and algae. <i>Molecular Plant Pathology</i> , 2018, 19, 1029-1044.	4.2	55
85	Massive mitochondrial DNA content in diplomemid and kinetoplastid protists. <i>IUBMB Life</i> , 2018, 70, 1267-1274.	3.4	39
86	TbUTP10, a protein involved in early stages of pre-18S rRNA processing in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2018, 225, 84-93.	1.1	7
87	Branched late-steps of the cytosolic iron-sulphur cluster assembly machinery of <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2018, 14, e1007326.	4.7	2
88	The Diverged Trypanosome MICOS Complex as a Hub for Mitochondrial Cristae Shaping and Protein Import. <i>Current Biology</i> , 2018, 28, 3393-3407.e5.	3.9	47
89	RNA Viruses in <i>Blechnomonas</i> (Trypanosomatidae) and Evolution of <i>Leishmanivirus</i> . <i>MBio</i> , 2018, 9, .	4.1	24
90	Trypanosomal mitochondrial intermediate peptidase does not behave as a classical mitochondrial processing peptidase. <i>PLoS ONE</i> , 2018, 13, e0196474.	2.5	9

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91	Molecular Evolution and Phylogeny of Leishmania. , 2018, , 19-57.		4
92	Combinatorial interplay of RNA-binding proteins tunes levels of mitochondrial mRNA in trypanosomes. Rna, 2018, 24, 1594-1606.	3.5	7
93	Diversity and evolution of anuran trypanosomes: insights from the study of European species. Parasites and Vectors, 2018, 11, 447.	2.5	36
94	Parasites and their (endo)symbiotic microbes. Parasitology, 2018, 145, 1261-1264.	1.5	8
95	Life Cycle, Ultrastructure, and Phylogeny of New Diplonemids and Their Endosymbiotic Bacteria. MBio, 2018, 9, .	4.1	50
96	Farming, slaving and enslavement: histories of endosymbioses during kinetoplastid evolution. Parasitology, 2018, 145, 1311-1323.	1.5	31
97	Mitochondrial RNA Editing and Processing in Diplonemid Protists. Nucleic Acids and Molecular Biology, 2018, , 145-176.	0.2	5
98	Microsporidia: A Single Horizontal Gene Transfer Drives a Great Leap Forward. Current Biology, 2018, 28, R712-R715.	3.9	5
99	CRISPR/Cas9 in Leishmania mexicana: A case study of LmxBTN1. PLoS ONE, 2018, 13, e0192723.	2.5	27
100	Leptomonas pyrrocoris: Genomic insight into Parasite's Physiology. Current Genomics, 2018, 19, 150-156.	1.6	9
101	Mitochondrial Genomes of Excavata. , 2018, , 756-762.		0
102	Catalase in Leishmaniinae: With me or against me?. Infection, Genetics and Evolution, 2017, 50, 121-127.	2.3	38
103	Leishmania infections: Molecular targets and diagnosis. Molecular Aspects of Medicine, 2017, 57, 1-29.	6.4	220
104	RSM22, mtYsxC and PNKD-like proteins are required for mitochondrial translation in Trypanosoma brucei. Mitochondrion, 2017, 34, 67-74.	3.4	3
105	The Trypanosoma brucei TbHrg protein is a heme transporter involved in the regulation of stage-specific morphological transitions. Journal of Biological Chemistry, 2017, 292, 6998-7010.	3.4	27
106	The intermembrane space protein Erv1 of Trypanosoma brucei is essential for mitochondrial Fe-S cluster assembly and operates alone. Molecular and Biochemical Parasitology, 2017, 214, 47-51.	1.1	10
107	Differential Binding of Mitochondrial Transcripts by MRB8170 and MRB4160 Regulates Distinct Editing Fates of Mitochondrial mRNA in Trypanosomes. MBio, 2017, 8, .	4.1	17
108	Description of Phytomonas oxycareni n. sp. from the Salivary Glands of Oxycarenius lavaterae. Protist, 2017, 168, 71-79.	1.5	25

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109	Extensive flagellar remodeling during the complex life cycle of <i>Paratrypanosoma</i> , an early-branching trypanosomatid. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11757-11762.	7.1	57
110	Genome sequencing reveals metabolic and cellular interdependence in an amoeba-kinetoplastid symbiosis. Scientific Reports, 2017, 7, 11688.	3.3	44
111	Apicomplexa. , 2017, , 567-624.		21
112	Genome of <i>Ca. Pandoraea novymonadis</i> , an Endosymbiotic Bacterium of the Trypanosomatid <i>Novymonas esmeraldas</i> . Frontiers in Microbiology, 2017, 8, 1940.	3.5	34
113	A paradigm shift: The mitoproteomes of procyclic and bloodstream <i>Trypanosoma brucei</i> are comparably complex. PLoS Pathogens, 2017, 13, e1006679.	4.7	57
114	Molecular mechanisms of thermal resistance of the insect trypanosomatid <i>Crithidia thermophila</i> . PLoS ONE, 2017, 12, e0174165.	2.5	31
115	A putative ATP/GTP binding protein affects <i>Leishmania mexicana</i> growth in insect vectors and vertebrate hosts. PLoS Neglected Tropical Diseases, 2017, 11, e0005782.	3.0	16
116	Dynamin-like proteins in <i>Trypanosoma brucei</i> : A division of labour between two paralogs?. PLoS ONE, 2017, 12, e0177200.	2.5	13
117	A leucine aminopeptidase is involved in kinetoplast DNA segregation in <i>Trypanosoma brucei</i> . PLoS Pathogens, 2017, 13, e1006310.	4.7	21
118	A Novel Bunyavirus-Like Virus of Trypanosomatid Protist Parasites. Genome Announcements, 2016, 4, .	0.8	23
119	Trypanosome Mitochondrial Translation and Tetracycline: No Sweat about Tet. PLoS Pathogens, 2016, 12, e1005492.	4.7	4
120	Comparative Metabolism of Free-Living <i>Bodo saltans</i> and Parasitic Trypanosomatids. Journal of Eukaryotic Microbiology, 2016, 63, 657-678.	1.7	86
121	Species- and Strain-Specific Adaptation of the HSP70 Super Family in Pathogenic Trypanosomatids. Genome Biology and Evolution, 2016, 8, 1980-1995.	2.5	20
122	Diversity of Trypanosomatids in Cockroaches and the Description of <i>Herpetomonas tarakana</i> sp. n.. Journal of Eukaryotic Microbiology, 2016, 63, 198-209.	1.7	37
123	Heme pathway evolution in kinetoplastid protists. BMC Evolutionary Biology, 2016, 16, 109.	3.2	19
124	A <i>Narnavirus</i> in the Trypanosomatid Protist Plant Pathogen <i>Phytomonas serpens</i> . Genome Announcements, 2016, 4, .	0.8	20
125	Meeting Report: Minutes from EMBO: Ten Years of Comparative Genomics of Eukaryotic Microorganisms. Protist, 2016, 167, 217-221.	1.5	0
126	Minimal cytosolic iron-sulfur cluster assembly machinery of <i>Giardia intestinalis</i> is partially associated with mitosomes. Molecular Microbiology, 2016, 102, 701-714.	2.5	19



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127	Post-transcriptional mending of gene sequences: Looking under the hood of mitochondrial gene expression in diplomemids. <i>RNA Biology</i> , 2016, 13, 1204-1211.	3.1	14
128	Trypanosome <scp>RNA</scp> editing: the complexity of getting U in and taking U out. <i>Wiley Interdisciplinary Reviews RNA</i> , 2016, 7, 33-51.	6.4	124
129	Morphological Identification and Single-Cell Genomics of Marine Diplonemids. <i>Current Biology</i> , 2016, 26, 3053-3059.	3.9	83
130	Extreme Diversity of Diplonemid Eukaryotes in the Ocean. <i>Current Biology</i> , 2016, 26, 3060-3065.	3.9	105
131	Genome of <i>Leptomonas pyrrocoris</i> : a high-quality reference for monoxenous trypanosomatids and new insights into evolution of <i>Leishmania</i> . <i>Scientific Reports</i> , 2016, 6, 23704.	3.3	74
132	Roles of the Nfu Feâ€S targeting factors in the trypanosome mitochondrion. <i>International Journal for Parasitology</i> , 2016, 46, 641-651.	3.1	7
133	Novel Trypanosomatid-Bacterium Association: Evolution of Endosymbiosis in Action. <i>MBio</i> , 2016, 7, e01985.	4.1	64
134	Aerobic mitochondria of parasitic protists: Diverse genomes and complex functions. <i>Molecular and Biochemical Parasitology</i> , 2016, 209, 46-57.	1.1	24
135	Iron-associated biology of <i>Trypanosoma brucei</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 363-370.	2.4	16
136	Apicomplexa. , 2016, , 1-58.		20
137	From simple to supercomplex: mitochondrial genomes of euglenozoan protists. <i>F1000Research</i> , 2016, 5, 392.	1.6	12
138	T7 polymerase-driven transcription is downregulated in metacyclic promastigotes and amastigotes of <i>Leishmania mexicana</i> . <i>Folia Parasitologica</i> , 2016, 63, .	1.3	11
139	Ecology of malaria infections in western lowland gorillas inhabiting Dzanga Sangha Protected Areas, Central African Republic. <i>Parasitology</i> , 2015, 142, 890-900.	1.5	16
140	Molecular phylogeny of anoplocephalid tapeworms (Cestoda: Anoplocephalidae) infecting humans and non-human primates. <i>Parasitology</i> , 2015, 142, 1278-1289.	1.5	12
141	Analysis of the mitochondrial maxicircle of <i>Trypanosoma lewisi</i> , a neglected human pathogen. <i>Parasites and Vectors</i> , 2015, 8, 665.	2.5	27
142	Integrity of the core mitochondrial RNA-binding complex 1 is vital for trypanosome RNA editing. <i>Rna</i> , 2015, 21, 2088-2102.	3.5	16
143	Simultaneous depletion of Atm and Mdl rebalances cytosolic Feâ€S cluster assembly but not heme import into the mitochondrion of <i>TrypanosomaÂbrucei</i>. <i>FEBS Journal</i> , 2015, 282, 4157-4175.	4.7	15
144	Exploring the environmental diversity of kinetoplastid flagellates in the high-throughput DNA sequencing era. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 956-965.	1.6	75

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145	Are Human Intestinal Eukaryotes Beneficial or Commensals?. PLoS Pathogens, 2015, 11, e1005039.	4.7	146
146	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
147	Chromerid genomes reveal the evolutionary path from photosynthetic algae to obligate intracellular parasites. ELife, 2015, 4, e06974.	6.0	198
148	Eukaryotic plankton diversity in the sunlit ocean. Science, 2015, 348, 1261605.	12.6	1,551
149	A common tRNA modification at an unusual location: the discovery of wyosine biosynthesis in mitochondria. Nucleic Acids Research, 2015, 43, 4262-4273.	14.5	22
150	Gene Loss and Error-Prone RNA Editing in the Mitochondrion of <i>Perkinsela</i> , an Endosymbiotic Kinetoplastid. MBio, 2015, 6, e01498-15.	4.1	28
151	Unexpectedly Streamlined Mitochondrial Genome of the Euglenozoan <i>Euglena gracilis</i> . Genome Biology and Evolution, 2015, 7, 3358-3367.	2.5	57
152	Phylogeny, Morphology, and Metabolic and Invasive Capabilities of Epicellular Fish Coccidium <i>Goussia janae</i> . Protist, 2015, 166, 659-676.	1.5	16
153	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.	2.0	40
154	Divergent Mitochondrial Respiratory Chains in Phototrophic Relatives of Apicomplexan Parasites. Molecular Biology and Evolution, 2015, 32, 1115-1131.	8.9	79
155	Lineage-specific activities of a multipotent mitochondrion of trypanosomatid flagellates. Molecular Microbiology, 2015, 96, 55-67.	2.5	12
156	Host specificity, pathogenicity, and mixed infections of trypanoplasms from freshwater fishes. Parasitology Research, 2015, 114, 1071-1078.	1.6	11
157	The ADP/ATP Carrier and Its Relationship to Oxidative Phosphorylation in Ancestral Protist <i>Trypanosoma brucei</i> . Eukaryotic Cell, 2015, 14, 297-310.	3.4	21
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