

Ivan Cepicka

List of Publications by Year in descending order

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papers

3,612
citations

257357

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docs citations

100
times ranked

3660
citing authors

#	ARTICLE	IF	CITATIONS
1	Trypanosomes of the <i>Trypanosoma theileri</i> Group: Phylogeny and New Potential Vectors. <i>Microorganisms</i> , 2022, 10, 294.	1.6	8
2	Morphology and phylogeny of two anaerobic freshwater ciliates: <i>Brachonella comma</i> sp. nov. and the widely distributed but little-known caenomorphid, <i>Ludio parvulus</i> Penard, 1922. <i>Journal of Eukaryotic Microbiology</i> , 2022, 69, e12892.	0.8	4
3	Anaerobic derivatives of mitochondria and peroxisomes in the free-living amoeba <i>Pelomyxa schiedti</i> revealed by single-cell genomics. <i>BMC Biology</i> , 2022, 20, 56.	1.7	13
4	A new lineage of non-photosynthetic green algae with extreme organellar genomes. <i>BMC Biology</i> , 2022, 20, 66.	1.7	7
5	Anaerobic ciliates as a model group for studying symbioses in oxygen-depleted environments. <i>Journal of Eukaryotic Microbiology</i> , 2022, 69, e12912.	0.8	16
6	Avian Louse Flies and Their Trypanosomes: New Vectors, New Lineages and Host-Parasite Associations. <i>Microorganisms</i> , 2022, 10, 584.	1.6	10
7	Free-living Trichomonads are Unexpectedly Diverse. <i>Protist</i> , 2022, 173, 125883.	0.6	5
8	Evidence for an Independent Hydrogenosome-to-Mitosome Transition in the CL3 Lineage of Fornicates. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	3
9	Diversity and Phylogenetic Position of <i>Bothrostoma</i> Stokes, 1887 (Ciliophora: Metopida), with Description of Four New Species. <i>Protist</i> , 2022, 173, 125887.	0.6	6
10	<i>Marinomyxa</i> Gen. Nov. Accommodates Gall-Forming Parasites of the Tropical to Subtropical Seagrass Genus <i>Halophila</i> and Constitutes a Novel Deep-Branching Lineage Within Phytomyxea (Rhizaria). <i>Journal of Eukaryotic Microbiology</i> , 2022, 69, e12912.	1.4	9
11	Gregarine single-cell transcriptomics reveals differential mitochondrial remodeling and adaptation in apicomplexans. <i>BMC Biology</i> , 2021, 19, 77.	1.7	30
12	Analysis of diverse eukaryotes suggests the existence of an ancestral mitochondrial apparatus derived from the bacterial type II secretion system. <i>Nature Communications</i> , 2021, 12, 2947.	5.8	19
13	Heterotrophic euglenid <i>Rhabdomonas costata</i> resembles its phototrophic relatives in many aspects of molecular and cell biology. <i>Scientific Reports</i> , 2021, 11, 13070.	1.6	5
14	Retortamonads from vertebrate hosts share features of anaerobic metabolism and pre-adaptations to parasitism with diplomonads. <i>Parasitology International</i> , 2021, 82, 102308.	0.6	8
15	Phylogenetic Position of Three Well-known Ciliates from the Controversial Order Loxocephalida Jankowski, 1980 (Scuticociliatia, Oligohymenophorea) and <i>Urozona buetschlii</i> (Schewiakoff, 1889) with Improved Morphological Descriptions. <i>Protist</i> , 2021, 172, 125833.	0.6	7
16	Anaeramoebae are a divergent lineage of eukaryotes that shed light on the transition from anaerobic mitochondria to hydrogenosomes. <i>Current Biology</i> , 2021, 31, 5605-5612.e5.	1.8	29
17	Sympatric western lowland gorillas, central chimpanzees and humans are infected with different trichomonads. <i>Parasitology</i> , 2020, 147, 225-230.	0.7	1
18	Enigmatic Phytomyxid Parasite of the Alien Seagrass <i>Halophila stipulacea</i> : New Insights into Its Ecology, Phylogeny, and Distribution in the Mediterranean Sea. <i>Microbial Ecology</i> , 2020, 79, 631-643.	1.4	9

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19	Genomics of New Ciliate Lineages Provides Insight into the Evolution of Obligate Anaerobiosis. <i>Current Biology</i> , 2020, 30, 2037-2050.e6.	1.8	48
20	Description of Three New Genera of Metopidae (Metopida, Ciliophora): <i>Pileometopus</i> gen. nov., <i>Castula</i> gen. nov., and <i>Longitaenia</i> gen. nov., with Notes on the Phylogeny and Cryptic Diversity of Metopid Ciliates. <i>Protist</i> , 2020, 171, 125740.	0.6	14
21	OUP accepted manuscript. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	1.4	8
22	<i>Dactylomonas</i> gen. nov., a Novel Lineage of Heterolobosean Flagellates with Unique Ultrastructure, Closely Related to the Amoeba <i>Seleniaion koniopes</i> Park, De Jonckheere & Simpson, 2012. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 120-139.	0.8	12
23	Amitochondriate Protists (Diplomonads, Parabasalids and Oxymonads). , 2019, , 86-86.		0
24	Was the Mitochondrion Necessary to Start Eukaryogenesis?. <i>Trends in Microbiology</i> , 2019, 27, 96-104.	3.5	42
25	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 4-119.	0.8	904
26	Fe ²⁺ S Cluster Assembly in Oxymonads and Related Protists. <i>Molecular Biology and Evolution</i> , 2018, 35, 2712-2718.	3.5	19
27	<i>Tropidoatractidae</i> fam. nov., a Deep Branching Lineage of Metopida (Armophorea, Ciliophora) Found in Diverse Habitats and Possessing Prokaryotic Symbionts. <i>Protist</i> , 2018, 169, 362-405.	0.6	27
28	The genome of an endosymbiotic methanogen is very similar to those of its free-living relatives. <i>Environmental Microbiology</i> , 2018, 20, 2538-2551.	1.8	21
29	The Little-known Freshwater Metopid Ciliate, <i>Idiometopus turbo</i> (Dragesco and Dragesco-Kern ¹ is), Tj ETQq1 1 0.784314 rgBT /Overl... <i>Protist</i> , 2018, 169, 494-506.	0.6	15
30	Molecular and Morphological Diversity of the Oxymonad Genera <i>Monocercomonoides</i> and <i>Blattamonas</i> gen. nov.. <i>Protist</i> , 2018, 169, 744-783.	0.6	19
31	Morphologic and molecular characterization of <i>Brachonella pulchra</i> (Kahl, 1927) comb. nov. (Armophorea, Ciliophora) with comments on cyst structure and formation. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3052-3065.	0.8	11
32	Between a Pod and a Hard Test: The Deep Evolution of Amoebae. <i>Molecular Biology and Evolution</i> , 2017, 34, 2258-2270.	3.5	161
33	Organelles that illuminate the origins of <i>Trichomonas</i> hydrogenosomes and <i>Giardia</i> mitosomes. <i>Nature Ecology and Evolution</i> , 2017, 1, 0092.	3.4	90
34	Redescription and molecular phylogeny of the type species for two main metopid genera, <i>Metopus es</i> (M ¹ 4ller, 1776) Lauterborn, 1916 and <i>Brachonella contorta</i> (Levander, 1894) Jankowski, 1964 (Metopida), Tj ETQq1 0 0 rgBT /Overl...	0.6	15
35	Morphologic and molecular characterization of seven species of the remarkably diverse and widely distributed metopid genus <i>Urostomides</i> Jankowski, 1964 (Armophorea, Ciliophora). <i>European Journal of Protistology</i> , 2017, 61, 194-232.	0.5	21
36	Archamoebae. , 2017, , 1349-1403.		4

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37	Retortamonadida (with Notes on Carpediemonas-Like Organisms and Caviomonadidae). , 2017, , 1247-1278.		4
38	Parabasalia. , 2017, , 1175-1218.		8
39	Anaeramoebidae fam. nov., a Novel Lineage of Anaerobic Amoebae and Amoeboflagellates of Uncertain Phylogenetic Position. Protist, 2017, 168, 495-526.	0.6	12
40	Biting midges (Ceratopogonidae) as vectors of avian trypanosomes. Parasites and Vectors, 2017, 10, 224.	1.0	31
41	Nuclear genetic codes with a different meaning of the UAG and the UAA codon. BMC Biology, 2017, 15, 8.	1.7	25
42	Ultrastructure and Molecular Phylogeny of <i>lotanema spirale</i> gen. nov. et sp. nov., a New Lineage of Endobiotic Fornicata with Strikingly Simplified Ultrastructure. Journal of Eukaryotic Microbiology, 2017, 64, 422-433.	0.8	12
43	Archamoebae. , 2017, , 1-55.		0
44	Arginine deiminase pathway enzymes: evolutionary history in metamonads and other eukaryotes. BMC Evolutionary Biology, 2016, 16, 197.	3.2	40
45	Morphological and Molecular Diversity of the Neglected Genus <i>Rhizomastix</i> Alexeieff, 1911 (Amoebozoa: Archamoebae) with Description of Five New Species. Journal of Eukaryotic Microbiology, 2016, 63, 181-197.	0.8	9
46	Molecular identification of <i>Entamoeba</i> species in savanna woodland chimpanzees (<i>Pan</i>) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 3	0.7	25
47	Substantial Variability of Multiple Microbial Communities Collected at Similar Acidic Mine Water Outlets. Microbial Ecology, 2016, 72, 163-174.	1.4	8
48	Evolution of the microtubular cytoskeleton (flagellar apparatus) in parasitic protists. Molecular and Biochemical Parasitology, 2016, 209, 26-34.	0.5	16
49	First multigene analysis of Archamoebae (Amoebozoa: Conosa) robustly reveals its phylogeny and shows that Entamoebidae represents a deep lineage of the group. Molecular Phylogenetics and Evolution, 2016, 98, 41-51.	1.2	23
50	Retortamonadida (with Notes on Carpediemonas-Like Organisms and Caviomonadidae). , 2016, , 1-32.		3
51	Parabasalia. , 2016, , 1-44.		9
52	Combined Culture-Based and Culture-Independent Approaches Provide Insights into Diversity of Jakobids, an Extremely Plesiomorphic Eukaryotic Lineage. Frontiers in Microbiology, 2015, 6, 1288.	1.5	20
53	Morphological Identities of Two Different Marine Stramenopile Environmental Sequence Clades: <i>Bicosoeca kenaiensis</i> (Hilliard, 1971) and <i>Cantina marsupialis</i> (Larsen and Patterson, 1990) gen. nov., comb. nov.. Journal of Eukaryotic Microbiology, 2015, 62, 532-542.	0.8	30
54	Phylogeny and Morphological Variability of Trypanosomes from African Pelomedusid Turtles with Redescription of <i>Trypanosoma mocambicum</i> Pienaar, 1962. Protist, 2015, 166, 599-608.	0.6	6

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55	Morphological and Molecular Evidence Support a Close Relationship Between the Free-living Archamoebae Mastigella and Pelomyxa. Protist, 2015, 166, 14-41.	0.6	23
56	Molecular and morphological diversity of the genus Hypotrichomonas (Parabasalida) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (Hypo 158-172.	0.5	15
57	Marine Isolates of Trimastix marina Form a Plesiomorphic Deep-branching Lineage within Preaxostyla, Separate from Other Known Trimastigids (Paratrimastix n. gen.). Protist, 2015, 166, 468-491.	0.6	25
58	Trichomonosis in Eurasian sparrowhawks in the Czech Republic. Folia Parasitologica, 2015, 62, .	0.7	5
59	Survey on diversity of marine/saline anaerobic Heterolobosea (Excavata: Discoba) with description of seven new species. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2280-2304.	0.8	19
60	Creneis carolina gen. et sp. nov. (Heterolobosea), a Novel Marine Anaerobic Protist with Strikingly Derived Morphology and Life Cycle. Protist, 2014, 165, 542-567.	0.6	21
61	First report on trichomonads from true bugs. Folia Parasitologica, 2014, 61, 189-194.	0.7	7
62	Evolution of Archamoebae: Morphological and Molecular Evidence for Pelobionts Including Rhizomastix, Entamoeba, Iodamoeba, and Endolimax. Protist, 2013, 164, 380-410.	0.6	42
63	Microbial effects on the release and attenuation of arsenic in the shallow subsurface of a natural geochemical anomaly. Environmental Pollution, 2013, 180, 84-91.	3.7	21
64	InPouchâ,ç TF-Feline medium is not specific for Tritrichomonas foetus. Veterinary Parasitology, 2013, 196, 503-505.	0.7	13
65	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. PLoS Biology, 2012, 10, e1001419.	2.6	488
66	Extensive diversity of intestinal trichomonads of non-human primates. Parasitology, 2012, 139, 92-102.	0.7	17
67	Microbiology of diverse acidic and non-acidic microhabitats within a sulfidic ore mine. Extremophiles, 2012, 16, 911-922.	0.9	16
68	Diversity, Evolution and Molecular Systematics of the Psalteriomonadidae, the Main Lineage of Anaerobic/Microaerophilic Heteroloboseans (Excavata: Discoba). Protist, 2012, 163, 807-831.	0.6	32
69	Biodiversity of avian trypanosomes. Infection, Genetics and Evolution, 2012, 12, 102-112.	1.0	40
70	Multigene Phylogenies of Diverse Carpediemonas-like Organisms Identify the Closest Relatives of â€ˆAmitochondriateâ€™ Diplomonads and Retortamonads. Protist, 2012, 163, 344-355.	0.6	32
71	Rhizomastix biflagellata sp. nov., a new amoeboflagellate of uncertain phylogenetic position isolated from frogs. European Journal of Protistology, 2011, 47, 10-15.	0.5	9
72	Critical Taxonomic Revision of Parabasalids with Description of one New Genus and three New Species. Protist, 2010, 161, 400-433.	0.6	136

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73	Cryptic Diversity of Free-living Parabasalids, <i>Pseudotriconomonas keilini</i> and <i>Lacusteria cyprica</i> n. g., n. sp., as Inferred from Small Subunit rDNA Sequences. <i>Journal of Eukaryotic Microbiology</i> , 2010, 57, 554-561.	0.8	17
74	A wide diversity of previously undetected free-living relatives of diplomonads isolated from marine/saline habitats. <i>Environmental Microbiology</i> , 2010, 12, 2700-2710.	1.8	44
75	<i>Herpetomonas trimorpha</i> sp. nov. (Trypanosomatidae, Kinetoplastida), a parasite of the biting midge <i>Culicoides truncorum</i> (Ceratopogonidae, Diptera). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2236-2246.	0.8	29
76	Amitochondriate Protists (Diplomonads, Parabasalids and Oxymonads). , 2009, , 545-557.		2
77	Non-monophyly of Retortamonadida and high genetic diversity of the genus <i>Chilomastix</i> suggested by analysis of SSU rDNA. <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 770-775.	1.2	12
78	SlowFaster, a user-friendly program for slow-fast analysis and its application on phylogeny of <i>Blastocystis</i> . <i>BMC Bioinformatics</i> , 2008, 9, 341.	1.2	33
79	Molecular phylogeny of diplomonads and enteromonads based on SSU rRNA, alpha-tubulin and HSP90 genes: Implications for the evolutionary history of the double karyomastigont of diplomonads. <i>BMC Evolutionary Biology</i> , 2008, 8, 205.	3.2	41
80	<i>Sergeia podlipaevi</i> gen. nov., sp. nov. (Trypanosomatidae, Kinetoplastida), a parasite of biting midges (Ceratopogonidae, Diptera). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 423-432.	0.8	59
81	Phylogenetic position of <i>Karotomorpha</i> and paraphyly of Proteromonadidae. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 1167-1170.	1.2	16
82	Morphological and Molecular Diversity of the Monocercomonadid Genera <i>Monocercomonas</i> , <i>Hexamastix</i> , and <i>Honigbergiella</i> gen. nov.. <i>Protist</i> , 2007, 158, 365-383.	0.6	28
83	New evolutionary lineages, unexpected diversity, and host specificity in the parabasalid genus <i>Tetratrichomonas</i> . <i>Molecular Phylogenetics and Evolution</i> , 2006, 39, 542-551.	1.2	52
84	Affiliation of <i>Cochlosoma</i> to trichomonads confirmed by phylogenetic analysis of the small-subunit rRNA gene and a new family concept of the order Trichomonadida. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 305-312.	0.8	24
85	Tetratrichomonads from the oral cavity and respiratory tract of humans. <i>Parasitology</i> , 2005, 131, 309-319.	0.7	55
86	Cryptic species within the <i>Tetratrichomonas gallinarum</i> species complex revealed by molecular polymorphism. <i>Veterinary Parasitology</i> , 2005, 128, 11-21.	0.7	83
87	Parasitic Stramenopila. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 35S-38S.	0.8	0
88	Critical analysis of the topology and rooting of the parabasalian 16S rRNA tree. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 35S-38S.	0.8	0
89	The phylogenetic position of enteromonads: a challenge for the present models of diplomonad evolution. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 1729-1733.	0.8	24
90	A complex of three new white-spored, sympatric, and host range limited <i>Geosmithia</i> species. <i>Mycological Research</i> , 2005, 109, 1323-1336.	2.5	46

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91	A complex of three new white-spored, sympatric, and host range limited <i>Geosmithia</i> species. <i>Mycological Research</i> , 2005, 109, 1323-36.	2.5	14
92	Critical analysis of the topology and rooting of the parabasalian 16S rRNA tree. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 711-723.	1.2	48
93	Phylogenetic position of <i>Protoopalina intestinalis</i> based on SSU rRNA gene sequence. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 220-224.	1.2	22
94	Retortamonad Flagellates are Closely Related to Diplomonads—Implications for the History of Mitochondrial Function in Eukaryote Evolution. <i>Molecular Biology and Evolution</i> , 2002, 19, 777-786.	3.5	67
95	Radiosensitivity of glycolytic enzymes in the nucleus. <i>Biochimica Et Biophysica Acta</i> , 1963, 74, 598-607.	1.3	6