

Ivan Cepicka

List of Publications by Year in descending order

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3,612
citations

257357

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100
all docs

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docs citations

100
times ranked

3660
citing authors

#	ARTICLE	IF	CITATIONS
1	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 4-119.	0.8	904
2	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. <i>PLoS Biology</i> , 2012, 10, e1001419.	2.6	488
3	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
4	Critical Taxonomic Revision of Parabasalids with Description of one New Genus and three New Species. <i>Protist</i> , 2010, 161, 400-433.	0.6	136
5	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
6	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
7	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
8	<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
9	Tetratrichomonads from the oral cavity and respiratory tract of humans. <i>Parasitology</i> , 2005, 131, 309-319.	0.7	55
10	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
11	Critical analysis of the topology and rooting of the parabasalid 16S rRNA tree. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 711-723.	1.2	48
12	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
13	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
14	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
15	Evolution of Archamoebae: Morphological and Molecular Evidence for Pelobionts Including <i>Rhizomastix</i> , <i>Entamoeba</i> , <i>Iodamoeba</i> , and <i>Endolimax</i> . <i>Protist</i> , 2013, 164, 380-410.	0.6	42
16	Was the Mitochondrion Necessary to Start Eukaryogenesis?. <i>Trends in Microbiology</i> , 2019, 27, 96-104.	3.5	42
17	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
18	Biodiversity of avian trypanosomes. <i>Infection, Genetics and Evolution</i> , 2012, 12, 102-112.	1.0	40

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19	Arginine deiminase pathway enzymes: evolutionary history in metamonads and other eukaryotes. BMC Evolutionary Biology, 2016, 16, 197.	3.2	40
20	SlowFaster, a user-friendly program for slow-fast analysis and its application on phylogeny of Blastocystis. BMC Bioinformatics, 2008, 9, 341.	1.2	33
21	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
22	Multigene Phylogenies of Diverse Carpediemonas-like Organisms Identify the Closest Relatives of <i>Amitochondriate</i> Diplomonads and Retortamonads. Protist, 2012, 163, 344-355.	0.6	32
23	Biting midges (Ceratomyzidae) as vectors of avian trypanosomes. Parasites and Vectors, 2017, 10, 224.	1.0	31
24	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
25	Gregarine single-cell transcriptomics reveals differential mitochondrial remodeling and adaptation in apicomplexans. BMC Biology, 2021, 19, 77.	1.7	30
26	<i>Herpetomonas trimorpha</i> sp. nov. (Trypanosomatidae, Kinetoplastida), a parasite of the biting midge <i>Culicoides truncorum</i> (Ceratomyzidae, Diptera). International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2236-2246.	0.8	29
27	Anaeramoebae are a divergent lineage of eukaryotes that shed light on the transition from anaerobic mitochondria to hydrogenosomes. Current Biology, 2021, 31, 5605-5612.e5.	1.8	29
28	Morphological and Molecular Diversity of the Monocercomonadid Genera <i>Monocercomonas</i> , <i>Hexamastix</i> , and <i>Honigbergiella</i> gen. nov.. Protist, 2007, 158, 365-383.	0.6	28
29	Redescription and molecular phylogeny of the type species for two main metopid genera, <i>Metopus es</i> (Müller, 1776) Lauterborn, 1916 and <i>Brachonella contorta</i> (Levander, 1894) Jankowski, 1964 (Metopida, Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 2	0.7	25
30	Tropidoatractidae fam. nov., a Deep Branching Lineage of Metopida (Armophorea, Ciliophora) Found in Diverse Habitats and Possessing Prokaryotic Symbionts. Protist, 2018, 169, 362-405.	0.6	27
31	Marine Isolates of <i>Trimastix marina</i> Form a Plesiomorphic Deep-branching Lineage within <i>Preaxostyla</i> , Separate from Other Known <i>Trimastigids</i> (<i>Paratrimastix</i> n. gen.). Protist, 2015, 166, 468-491.	0.6	25
32	Molecular identification of <i>Entamoeba</i> species in savanna woodland chimpanzees (<i>Pan</i>) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 2	0.7	25
33	Nuclear genetic codes with a different meaning of the UAG and the UAA codon. BMC Biology, 2017, 15, 8.	1.7	25
34	The phylogenetic position of enteromonads: a challenge for the present models of diplomonad evolution. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1729-1733.	0.8	24
35	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. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 305-312.	0.8	24
36	Morphological and Molecular Evidence Support a Close Relationship Between the Free-living Archamoebae <i>Mastigella</i> and <i>Pelomyxa</i> . Protist, 2015, 166, 14-41.	0.6	23

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37	First multigene analysis of Archamoebae (Amoebozoa: Conosa) robustly reveals its phylogeny and shows that Entamoebidae represents a deep lineage of the group. <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 41-51.	1.2	23
38	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
39	Microbial effects on the release and attenuation of arsenic in the shallow subsurface of a natural geochemical anomaly. <i>Environmental Pollution</i> , 2013, 180, 84-91.	3.7	21
40	<i>Creneis carolina</i> gen. et sp. nov. (Heterolobosea), a Novel Marine Anaerobic Protist with Strikingly Derived Morphology and Life Cycle. <i>Protist</i> , 2014, 165, 542-567.	0.6	21
41	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
42	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
43	Combined Culture-Based and Culture-Independent Approaches Provide Insights into Diversity of Jakobids, an Extremely Plesiomorphic Eukaryotic Lineage. <i>Frontiers in Microbiology</i> , 2015, 6, 1288.	1.5	20
44	Survey on diversity of marine/saline anaerobic Heterolobosea (Excavata: Discoba) with description of seven new species. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2280-2304.	0.8	19
45	Fe-S Cluster Assembly in Oxymonads and Related Protists. <i>Molecular Biology and Evolution</i> , 2018, 35, 2712-2718.	3.5	19
46	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
47	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
48	Cryptic Diversity of Free-Living Parabasalids, <i>Pseudotrichomonas keilini</i> and <i>Lacusteria cypriaca</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
49	Extensive diversity of intestinal trichomonads of non-human primates. <i>Parasitology</i> , 2012, 139, 92-102.	0.7	17
50	Phylogenetic position of Karotomorpha and paraphyly of Proteromonadidae. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 1167-1170.	1.2	16
51	Microbiology of diverse acidic and non-acidic microhabitats within a sulfidic ore mine. <i>Extremophiles</i> , 2012, 16, 911-922.	0.9	16
52	Evolution of the microtubular cytoskeleton (flagellar apparatus) in parasitic protists. <i>Molecular and Biochemical Parasitology</i> , 2016, 209, 26-34.	0.5	16
53	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
54	Molecular and morphological diversity of the genus <i>Hypotrichomonas</i> (Parabasalialia): <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td</i> (<i>Hypotrichomonas</i>) 158-172.	0.5	15

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55	The Little-known Freshwater Metopid Ciliate, <i>Idiometopus turbo</i> (Dragesco and Dragesco-KernÃ©is), Tj ETQq1 1 0.784314 rgBT /Overlo	0.6	15
56	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. Protist, 2020, 171, 125740.	0.6	14
57	<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.) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	14
58	A complex of three new white-spored, sympatric, and host range limited <i>Geosmithia</i> species. Mycological Research, 2005, 109, 1323-36.	2.5	14
59	InPouchâ,¢ TF-Feline medium is not specific for <i>Tritrichomonas foetus</i> . Veterinary Parasitology, 2013, 196, 503-505.	0.7	13
60	Anaerobic derivates of mitochondria and peroxisomes in the free-living amoeba <i>Pelomyxa schiedti</i> revealed by single-cell genomics. BMC Biology, 2022, 20, 56.	1.7	13
61	Non-monophyly of Retortamonadida and high genetic diversity of the genus <i>Chilomastix</i> suggested by analysis of SSU rDNA. Molecular Phylogenetics and Evolution, 2008, 48, 770-775.	1.2	12
62	Anaeramoebidae fam. nov., a Novel Lineage of Anaerobic Amoebae and Amoeboflagellates of Uncertain Phylogenetic Position. Protist, 2017, 168, 495-526.	0.6	12
63	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
64	<i>Dactylomonas</i> gen. nov., a Novel Lineage of Heterolobosean Flagellates with Unique Ultrastructure, Closely Related to the Amoeba <i>Selenaion koniopes</i> Park, De Jonckheere & Simpson, 2012. Journal of Eukaryotic Microbiology, 2019, 66, 120-139.	0.8	12
65	Morphologic and molecular characterization of <i>Brachonella pulchra</i> (Kahl, 1927) comb. nov. (Armophorea, Ciliophora) with comments on cyst structure and formation. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3052-3065.	0.8	11
66	Avian Louse Flies and Their Trypanosomes: New Vectors, New Lineages and Hostâ€“Parasite Associations. Microorganisms, 2022, 10, 584.	1.6	10
67	<i>Rhizomastix biflagellata</i> sp. nov., a new amoeboflagellate of uncertain phylogenetic position isolated from frogs. European Journal of Protistology, 2011, 47, 10-15.	0.5	9
68	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
69	Enigmatic Phytomyxid Parasite of the Alien Seagrass <i>Halophila stipulacea</i> : New Insights into Its Ecology, Phylogeny, and Distribution in the Mediterranean Sea. Microbial Ecology, 2020, 79, 631-643.	1.4	9
70	Parabasalia. , 2016, , 1-44.		9
71	Substantial Variability of Multiple Microbial Communities Collected at Similar Acidic Mine Water Outlets. Microbial Ecology, 2016, 72, 163-174.	1.4	8
72	Parabasalia. , 2017, , 1175-1218.		8

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73	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
74	OUP accepted manuscript. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	1.4	8
75	Trypanosomes of the <i>Trypanosoma theileri</i> Group: Phylogeny and New Potential Vectors. <i>Microorganisms</i> , 2022, 10, 294.	1.6	8
76	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
77	First report on trichomonads from true bugs. <i>Folia Parasitologica</i> , 2014, 61, 189-194.	0.7	7
78	A new lineage of non-photosynthetic green algae with extreme organellar genomes. <i>BMC Biology</i> , 2022, 20, 66.	1.7	7
79	Radiosensitivity of glycolytic enzymes in the nucleus. <i>Biochimica Et Biophysica Acta</i> , 1963, 74, 598-607.	1.3	6
80	Phylogeny and Morphological Variability of Trypanosomes from African Pelomedusid Turtles with Redescription of <i>Trypanosoma mocambicum</i> Pienaar, 1962. <i>Protist</i> , 2015, 166, 599-608.	0.6	6
81	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
82	Heterotrophic euglenid <i>Rhodomonas costata</i> resembles its phototrophic relatives in many aspects of molecular and cell biology. <i>Scientific Reports</i> , 2021, 11, 13070.	1.6	5
83	Trichomonosis in Eurasian sparrowhawks in the Czech Republic. <i>Folia Parasitologica</i> , 2015, 62, .	0.7	5
84	Free-living Trichomonads are Unexpectedly Diverse. <i>Protist</i> , 2022, 173, 125883.	0.6	5
85	Archamoebae. , 2017, , 1349-1403.		4
86	Retortamonadida (with Notes on Carpediemonas-Like Organisms and Caviomonadidae). , 2017, , 1247-1278.		4
87	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
88	Retortamonadida (with Notes on Carpediemonas-Like Organisms and Caviomonadidae). , 2016, , 1-32.		3
89	Evidence for an Independent Hydrogenosome-to-Mitosome Transition in the CL3 Lineage of Fornicates. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	3
90	Amitochondriate Protists (Diplomonads, Parabasalids and Oxymonads). , 2009, , 545-557.		2

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91	Sympatric western lowland gorillas, central chimpanzees and humans are infected with different trichomonads. <i>Parasitology</i> , 2020, 147, 225-230.	0.7	1
92	Parasitic Stramenopila. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 35S-38S.	0.8	0
93	Critical analysis of the topology and rooting of the parabasal 16S rRNA tree. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 35S-38S.	0.8	0
94	Amitochondriate Protists (Diplomonads, Parabasalids and Oxymonads). , 2019, , 86-86.		0
95	Archamoebae. , 2017, , 1-55.		0