

Anna Karnkowska

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,232
citations

393982

19
h-index

243296

44
g-index

53
all docs

53
docs citations

53
times ranked

2559
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	A Eukaryote without a Mitochondrial Organelle. <i>Current Biology</i> , 2016, 26, 1274-1284.	1.8	302
3	Euglenozoa: taxonomy, diversity and ecology, symbioses and viruses. <i>Open Biology</i> , 2021, 11, 200407.	1.5	102
4	Reconstructing Euglenoid Evolutionary Relationships using Three Genes: Nuclear SSU and LSU, and Chloroplast SSU rDNA Sequences and the Description of <i>Euglenaria</i> gen. nov. (Euglenophyta). <i>Protist</i> , 2010, 161, 603-619.	0.6	79
5	The Oxymonad Genome Displays Canonical Eukaryotic Complexity in the Absence of a Mitochondrion. <i>Molecular Biology and Evolution</i> , 2019, 36, 2292-2312.	3.5	49
6	The genus <i>Prototheca</i> (Trebouxiophyceae, Chlorophyta) revisited: Implications from molecular taxonomic studies. <i>Algal Research</i> , 2019, 43, 101639.	2.4	47
7	PHYLOGENY AND SYSTEMATICS OF <i>EUGLENA</i> (EUGLENACEAE) SPECIES WITH AXIAL, STELLATE CHLOROPLASTS BASED ON MORPHOLOGICAL AND MOLECULAR DATA—NEW TAXA, EMENDED DIAGNOSES, AND EPITYPIFICATIONS ¹ . <i>Journal of Phycology</i> , 2009, 45, 464-481.	1.0	45
8	Arginine deiminase pathway enzymes: evolutionary history in metamonads and other eukaryotes. <i>BMC Evolutionary Biology</i> , 2016, 16, 197.	3.2	40
9	Single cell genomics of uncultured marine alveolates shows paraphyly of basal dinoflagellates. <i>ISME Journal</i> , 2018, 12, 304-308.	4.4	40
10	Dictyochophyceae Plastid Genomes Reveal Unusual Variability in Their Organization. <i>Journal of Phycology</i> , 2019, 55, 1166-1180.	1.0	37
11	<i>cytb</i> as a New Genetic Marker for Differentiation of <i>Prototheca</i> Species. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	36
12	PHYLOGENETIC AND TAXONOMIC POSITION OF <i>LEPOCINCLIS FUSCA</i> COMB. NOV. (=EUGLENA FUSCA) (EUGLENACEAE): MORPHOLOGICAL AND MOLECULAR JUSTIFICATION ¹ . <i>Journal of Phycology</i> , 2005, 41, 1258-1267.	1.0	35
13	Phylogenetic Relationships and Morphological Character Evolution of Photosynthetic Euglenids (Excavata) Inferred from Taxonomic Analyses of Five Genes. <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 362-373.	0.8	35
14	Evolutionary Origin of <i>Euglena</i> . <i>Advances in Experimental Medicine and Biology</i> , 2017, 979, 3-17.	0.8	35
15	Tiara: deep learning-based classification system for eukaryotic sequences. <i>Bioinformatics</i> , 2022, 38, 344-350.	1.8	34
16	TAXONOMY OF THE <i>PHACUS OSCILLANS</i> (EUGLENACEAE) AND ITS CLOSE RELATIVES—BALANCING MORPHOLOGICAL AND MOLECULAR FEATURES ¹ . <i>Journal of Phycology</i> , 2010, 46, 172-182.	1.0	31
17	A novel phylogenetic clade of picocyanobacteria from the Mazurian lakes (Poland) reflects the early ontogeny of glacial lakes. <i>FEMS Microbiology Ecology</i> , 2011, 75, 89-98.	1.3	28
18	Should I stay or should I go? Retention and loss of components in vestigial endosymbiotic organelles. <i>Current Opinion in Genetics and Development</i> , 2019, 58-59, 33-39.	1.5	26

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19	Dynamic evolution of inverted repeats in Euglenophyta plastid genomes. <i>Scientific Reports</i> , 2018, 8, 16071.	1.6	25
20	A redescription of morphologically similar species from the genus <i>Euglena</i> : <i>E. laciniata</i> , <i>E. sanguinea</i> , <i>E. asociabilis</i> , and <i>E. splendens</i> ¹ . <i>Journal of Phycology</i> , 2013, 49, 616-626.	1.0	20
21	Distribution of Conventional and Nonconventional Introns in Tubulin ($\hat{1}$ and $\hat{2}$) Genes of Euglenids. <i>Molecular Biology and Evolution</i> , 2014, 31, 584-593.	3.5	20
22	Delimiting species in the <i>Phacus longicauda</i> complex (Euglenida) through morphological and molecular analyses. <i>Journal of Phycology</i> , 2015, 51, 1147-1157.	1.0	19
23	DNA barcoding in autotrophic euglenids: evaluation of COI and 18s rDNA. <i>Journal of Phycology</i> , 2016, 52, 951-960.	1.0	19
24	TAXONOMIC REVISIONS OF MORPHOLOGICALLY SIMILAR SPECIES FROM TWO EUGLENOID GENERA: <i>Euglena</i> (<i>E. granulata</i> AND <i>E. velata</i>) AND <i>Euglenaria</i> (<i>E. anabaena</i> , <i>E. caudata</i> , AND <i>E. clavata</i>) ¹ . <i>Journal of Phycology</i> , 2012, 48, 729-739.	1.0	18
25	<i>Euglenida</i> . , 2017, , 1047-1088.		17
26	Molecular (PCR-DGGE) versus morphological approach: analysis of taxonomic composition of potentially toxic cyanobacteria in freshwater lakes. <i>Aquatic Biosystems</i> , 2014, 10, 2.	1.8	16
27	Highly Reduced Plastid Genomes of the Non-photosynthetic Dictyochophyceans <i>Pteridomonas</i> spp. (Ochrophyta, SAR) Are Retained for tRNA-Glu-Based Organellar Heme Biosynthesis. <i>Frontiers in Plant Science</i> , 2020, 11, 602455.	1.7	16
28	THE SPECIES <i>Euglena deeses</i> (EUGLENACEAE) REVISITED: NEW MORPHOLOGICAL AND MOLECULAR DATA ¹ . <i>Journal of Phycology</i> , 2011, 47, 653-661.	1.0	15
29	Intermediate introns in nuclear genes of euglenids “ are they a distinct type?. <i>BMC Evolutionary Biology</i> , 2016, 16, 49.	3.2	15
30	Multigene phylogenetics of euglenids based on single-cell transcriptomics of diverse phagotrophs. <i>Molecular Phylogenetics and Evolution</i> , 2021, 159, 107088.	1.2	15
31	Composition of Picocyanobacteria Community in The Great Mazurian Lakes: Isolation of Phycoerythrin-Rich and Phycocyanin-Rich Ecotypes from the System “ Comparison of two Methods. <i>Polish Journal of Microbiology</i> , 2010, 59, 21-31.	0.6	14
32	Molecular characterization and phylogeny of four new species of the genus <i>Trichonympha</i> (Parabasalia, Trichonymphea) from lower termite hindguts. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3570-3575.	0.8	12
33	A new photosynthetic euglenoid isolated in Poland: <i>Euglenaria clepsydroides</i> sp. nov. (<i>Euglena</i>). <i>European Journal of Phycology</i> , 2013, 48, 260-267.	0.9	10
34	The curious case of vanishing mitochondria. <i>Microbial Cell</i> , 2016, 3, 491-494.	1.4	9
35	<i>Euglenida</i> . , 2017, , 1-42.		8
36	OUP accepted manuscript. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	1.4	8

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37	Monophyly of diverse Bigyromonadea and their impact on phylogenomic relationships within stramenopiles. <i>Molecular Phylogenetics and Evolution</i> , 2022, 171, 107468.	1.2	7
38	Do acid-tolerant picocyanobacteria exist? A study of two strains isolated from humic lakes in Poland. <i>Hydrobiologia</i> , 2013, 707, 209-218.	1.0	6
39	<i>Pseudotrichonympha leei</i> , <i>Pseudotrichonympha lifesoni</i> , and <i>Pseudotrichonympha pearti</i> , new species of parabasal flagellates and the description of a rotating subcellular structure. <i>Scientific Reports</i> , 2017, 7, 16349.	1.6	5
40	Analyses of environmental sequences and two regions of chloroplast genomes revealed the presence of new clades of photosynthetic euglenids in marine environments. <i>Environmental Microbiology Reports</i> , 2020, 12, 78-91.	1.0	5
41	Sequencing and Analysis of the Complete Organellar Genomes of <i>Prototheca wickerhamii</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 1296.	1.7	5
42	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
43	Maturyoshka: A maturase inside a maturase, and other peculiarities of the novel chloroplast genomes of marine euglenophytes. <i>Molecular Phylogenetics and Evolution</i> , 2022, 170, 107441.	1.2	5
44	<i>Phylogeny and Evolution</i> . , 2016, , 383-408.		4
45	High quality genome assembly of the amitochondriate eukaryote <i>Monocercomonoides exilis</i> . <i>Microbial Genomics</i> , 2021, 7, .	1.0	4
46	Typical structure of rRNA coding genes in diplomonads points to two independent origins of the bizarre rDNA structures of euglenozoans. <i>Bmc Ecology and Evolution</i> , 2022, 22, 59.	0.7	2
47	Meeting Report: Euglenids in the Age of Symbiogenesis: Origins, Innovations, and Prospects, November 8-11, 2021. <i>Protist</i> , 2022, , 125894.	0.6	1
48	A letter to Denis Lynn. <i>Aquatic Ecosystem Health and Management</i> , 2020, 23, 17-18.	0.3	0
49	Characterization of new cristamonad species from kalotermitid termites including a novel genus, <i>Runanympha</i> . <i>Scientific Reports</i> , 2021, 11, 7270.	1.6	0
50	Explosive intron expansion and fickle rDNA copies within plastid genomes of Euglenophyta. <i>Access Microbiology</i> , 2020, 2, .	0.2	0