

Anastasios D Tsaousis

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,827
citations

304743

22
h-index

276875

41
g-index

66
all docs

66
docs citations

66
times ranked

1976
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel route for ATP acquisition by the remnant mitochondria of <i>Encephalitozoon cuniculi</i> . <i>Nature</i> , 2008, 453, 553-556.	27.8	222
2	Localization and functionality of microsporidian iron-sulphur cluster assembly proteins. <i>Nature</i> , 2008, 452, 624-628.	27.8	210
3	Diversity and reductive evolution of mitochondria among microbial eukaryotes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 713-727.	4.0	190
4	Widespread Recombination in Published Animal mtDNA Sequences ¹ . <i>Molecular Biology and Evolution</i> , 2005, 22, 925-933.	8.9	152
5	Extreme genome diversity in the hyper-prevalent parasitic eukaryote <i>Blastocystis</i> . <i>PLoS Biology</i> , 2017, 15, e2003769.	5.6	99
6	Genetic tool development in marine protists: emerging model organisms for experimental cell biology. <i>Nature Methods</i> , 2020, 17, 481-494.	19.0	97
7	Evolution of Fe/S cluster biogenesis in the anaerobic parasite <i>Blastocystis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10426-10431.	7.1	74
8	The Symbiotic Spectrum: Where Do the Gregarines Fit?. <i>Trends in Parasitology</i> , 2019, 35, 687-694.	3.3	66
9	Genetic diversity of <i>Blastocystis</i> in non-primate animals. <i>Parasitology</i> , 2018, 145, 1228-1234.	1.5	54
10	Evolution of the Cytosolic Iron-Sulfur Cluster Assembly Machinery in <i>Blastocystis</i> Species and Other Microbial Eukaryotes. <i>Eukaryotic Cell</i> , 2014, 13, 143-153.	3.4	47
11	On the Origin of Iron/Sulfur Cluster Biosynthesis in Eukaryotes. <i>Frontiers in Microbiology</i> , 2019, 10, 2478.	3.5	38
12	Stage-specific requirement for <i>Isa1</i> and <i>Isa2</i> proteins in the mitochondrion of <i>Trypanosoma brucei</i> and heterologous rescue by human and <i>Blastocystis</i> orthologues. <i>Molecular Microbiology</i> , 2011, 81, 1403-1418.	2.5	36
13	<i>Blastocystis</i> One Health Approach in a Rural Community of Northern Thailand: Prevalence, Subtypes and Novel Transmission Routes. <i>Frontiers in Microbiology</i> , 2021, 12, 746340.	3.5	36
14	A cell culture platform for <i>Cryptosporidium</i> that enables long-term cultivation and new tools for the systematic investigation of its biology. <i>International Journal for Parasitology</i> , 2018, 48, 197-201.	3.1	35
15	Past and future trends of <i>Cryptosporidium</i> in vitro research. <i>Experimental Parasitology</i> , 2019, 196, 28-37.	1.2	35
16	Are molecular tools clarifying or confusing our understanding of the public health threat from zoonotic enteric protozoa in wildlife?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019, 9, 323-341.	1.5	32
17	Exploring Micro-Eukaryotic Diversity in the Gut: Co-occurrence of <i>Blastocystis</i> Subtypes and Other Protists in Zoo Animals. <i>Frontiers in Microbiology</i> , 2020, 11, 288.	3.5	28
18	A Nonmitochondrial Hydrogen Production in <i>Naegleria gruberi</i> . <i>Genome Biology and Evolution</i> , 2014, 6, 792-799.	2.5	27

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19	Chapter 2 Predicting Proteomes of Mitochondria and Related Organelles from Genomic and Expressed Sequence Tag Data. <i>Methods in Enzymology</i> , 2009, 457, 21-47.	1.0	26
20	The Human Gut Colonizer <i>Blastocystis</i> Respires Using Complex II and Alternative Oxidase to Buffer Transient Oxygen Fluctuations in the Gut. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 371.	3.9	26
21	High diversity of <i>Blastocystis</i> subtypes isolated from asymptomatic adults living in Chiang Rai, Thailand. <i>Infection, Genetics and Evolution</i> , 2018, 65, 270-275.	2.3	26
22	A Functional Tom70 in the Human Parasite <i>Blastocystis</i> sp.: Implications for the Evolution of the Mitochondrial Import Apparatus. <i>Molecular Biology and Evolution</i> , 2011, 28, 781-791.	8.9	25
23	An Updated View of the <i>Trypanosoma cruzi</i> Life Cycle: Intervention Points for an Effective Treatment. <i>ACS Infectious Diseases</i> , 2022, 8, 1107-1115.	3.8	24
24	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.	12.8	19
25	NMR metabolomics reveals effects of <i>Cryptosporidium</i> infections on host cell metabolome. <i>Gut Pathogens</i> , 2019, 11, 13.	3.4	18
26	Genomics and transcriptomics yields a system-level view of the biology of the pathogen <i>Naegleria fowleri</i> . <i>BMC Biology</i> , 2021, 19, 142.	3.8	18
27	Evolutionary cell biology: functional insight from "endless forms most beautiful". <i>Molecular Biology of the Cell</i> , 2015, 26, 4532-4538.	2.1	17
28	Localization of Fe-S Biosynthesis Machinery in <i>Cryptosporidium parvum</i> Mitosome. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 913-922.	1.7	15
29	Cross-Border Investigations on the Prevalence and Transmission Dynamics of <i>Cryptosporidium</i> Species in Dairy Cattle Farms in Western Mainland Europe. <i>Microorganisms</i> , 2021, 9, 2394.	3.6	13
30	<i>Blastocystis</i> in tap water of a community in northern Thailand. <i>Parasitology International</i> , 2022, 91, 102624.	1.3	13
31	A Cell Culture Platform for the Cultivation of <i>Cryptosporidium parvum</i> . <i>Current Protocols in Microbiology</i> , 2019, 53, e80.	6.5	11
32	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
33	High Occurrence of Zoonotic Subtypes of <i>Cryptosporidium parvum</i> in Cypriot Dairy Farms. <i>Microorganisms</i> , 2022, 10, 531.	3.6	8
34	<i>Prototheca bovis</i> , a unicellular achlorophyllous trebouxiophyte green alga in the healthy human intestine. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	7
35	Acquired resistance to oxaliplatin is not directly associated with increased resistance to DNA damage in SK-N-ASrOXALI4000, a newly established oxaliplatin-resistant sub-line of the neuroblastoma cell line SK-N-AS. <i>PLoS ONE</i> , 2017, 12, e0172140.	2.5	6
36	Identification and characterisation of the cryptic Golgi apparatus in <i>Naegleria gruberi</i> . <i>Journal of Cell Science</i> , 2018, 131, .	2.0	6

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37	A crowdsourcing semi-automatic image segmentation platform for cell biology. <i>Computers in Biology and Medicine</i> , 2021, 130, 104204.	7.0	6
38	Establishing a Metabolite Extraction Method to Study the Metabolome of Blastocystis Using NMR. <i>Molecules</i> , 2021, 26, 3285.	3.8	6
39	The Biochemical Adaptations of Mitochondrion-Related Organelles of Parasitic and Free-Living Microbial Eukaryotes to Low Oxygen Environments. <i>Cellular Origin and Life in Extreme Habitats</i> , 2012, , 51-81.	0.3	5
40	Parasites, Drugs and Captivity: Blastocystis-Microbiome Associations in Captive Water Voles. <i>Biology</i> , 2021, 10, 457.	2.8	5
41	Localization and functional characterization of the alternative oxidase in <i>Naegleria</i> . <i>Journal of Eukaryotic Microbiology</i> , 2022, 69, e12908.	1.7	3
42	Metabolic Fluctuations in the Human Stool Obtained from Blastocystis Carriers and Non-Carriers. <i>Metabolites</i> , 2021, 11, 883.	2.9	3
43	First Epidemiological Report on the Prevalence and Associated Risk Factors of <i>Cryptosporidium</i> spp. in Farmed Marine and Wild Freshwater Fish in Central and Eastern of Algeria. <i>Acta Parasitologica</i> , 2022, 67, 1152-1161.	1.1	3
44	Successful Genetic Transfection of the Colonic Protistan Parasite Blastocystis for Reliable Expression of Ectopic Genes. <i>Scientific Reports</i> , 2019, 9, 3159.	3.3	2
45	The Mitochondrion-Related Organelles of <i>Cryptosporidium</i> Species. <i>Microbiology Monographs</i> , 2019, , 243-266.	0.6	2
46	Repurposing in vitro approaches for screening anti-parasitic drugs against the brain-eating amoeba <i>Naegleria fowleri</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 17, 204-212.	3.4	2
47	The Mitochondrion-Related Organelles of Blastocystis. <i>Microbiology Monographs</i> , 2019, , 267-286.	0.6	1
48	Exploring the Biology and Evolution of Blastocystis and Its Role in the Microbiome. , 2020, , 61-74.		1
49	Report of the 2017 Protistology-UK Spring Meeting. <i>European Journal of Protistology</i> , 2017, 61, 307-310.	1.5	0
50	Prevalence of microbial parasites in captive animals across wildlife parks. <i>Access Microbiology</i> , 2019, 1, .	0.5	0
51	Diversity of eukaryotic gut microbiota of northern Thai populations. <i>Access Microbiology</i> , 2019, 1, .	0.5	0
52	Developing genetic manipulation platforms for <i>Naegleria gruberi</i> . <i>Access Microbiology</i> , 2019, 1, .	0.5	0
53	Novel in vitro approaches for screening anti-parasitic drugs against the brain-eating amoeba Naegleria fowleri. , 0, .		0