

Courtney W Stairs

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/789641/publications.pdf>

Version: 2024-02-01

33
papers

2,034
citations

393982

19
h-index

377514

34
g-index

38
all docs

38
docs citations

38
times ranked

2305
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen metabolism: A eukaryote taps into the electron sink. <i>Current Biology</i> , 2022, 32, R49-R51.	1.8	1
2	Evolving Perspective on the Origin and Diversification of Cellular Life and the Virosphere. <i>Genome Biology and Evolution</i> , 2022, 14, .	1.1	13
3	Diversity of electron transport chains in anaerobic protists. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148334.	0.5	22
4	The <i>Mastigamoeba balamuthi</i> Genome and the Nature of the Free-Living Ancestor of <i>Entamoeba</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 2240-2259.	3.5	14
5	A functional bacteria-derived restriction modification system in the mitochondrion of a heterotrophic protist. <i>PLoS Biology</i> , 2021, 19, e3001126.	2.6	6
6	The integrin-mediated adhesive complex in the ancestor of animals, fungi, and amoebae. <i>Current Biology</i> , 2021, 31, 3073-3085.e3.	1.8	6
7	Microbe-Mediated Mn Oxidation—A Proposed Model of Mineral Formation. <i>Minerals (Basel)</i> 11:0784314 (2021) https://doi.org/10.3390/min11070843	0.8	6
8	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
9	Chlamydial contribution to anaerobic metabolism during eukaryotic evolution. <i>Science Advances</i> , 2020, 6, eabb7258.	4.7	18
10	Microbiomes in a manganese oxide producing ecosystem in the Ytterby mine, Sweden: impact on metal mobility. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	14
11	The Archaeal Roots of the Eukaryotic Dynamic Actin Cytoskeleton. <i>Current Biology</i> , 2020, 30, R521-R526.	1.8	31
12	Bubble biofilm: Bacterial colonization of air-air interface. <i>Biofilm</i> , 2020, 2, 100030.	1.5	7
13	Marine Sediments Illuminate Chlamydiae Diversity and Evolution. <i>Current Biology</i> , 2020, 30, 1032-1048.e7.	1.8	52
14	The evolution of the Puf superfamily of proteins across the tree of eukaryotes. <i>BMC Biology</i> , 2020, 18, 77.	1.7	9
15	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
16	Mitochondrion-Related Organelles in Free-Living Protists. <i>Microbiology Monographs</i> , 2019, , 287-308.	0.3	8
17	Oxygen induces the expression of invasion and stress response genes in the anaerobic salmon parasite <i>Spironucleus salmonicida</i> . <i>BMC Biology</i> , 2019, 17, 19.	1.7	9
18	Proposal of the reverse flow model for the origin of the eukaryotic cell based on comparative analyses of Asgard archaeal metabolism. <i>Nature Microbiology</i> , 2019, 4, 1138-1148.	5.9	143

#	ARTICLE	IF	CITATIONS
19	Demystifying Eukaryote Lateral Gene Transfer (Response to Martin 2017 DOI: 10.1002/bies.201700115). <i>BioEssays</i> , 2018, 40, e1700242.	1.2	64
20	Complex Evolutionary History of Translation Elongation Factor 2 and Diphthamide Biosynthesis in Archaea and Parabasalids. <i>Genome Biology and Evolution</i> , 2018, 10, 2380-2393.	1.1	37
21	Microbial eukaryotes have adapted to hypoxia by horizontal acquisitions of a gene involved in rhodoquinone biosynthesis. <i>ELife</i> , 2018, 7, .	2.8	51
22	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
23	Archaea and the origin of eukaryotes. <i>Nature Reviews Microbiology</i> , 2017, 15, 711-723.	13.6	388
24	Extreme genome diversity in the hyper-prevalent parasitic eukaryote <i>Blastocystis</i> . <i>PLoS Biology</i> , 2017, 15, e2003769.	2.6	99
25	Arginine deiminase pathway enzymes: evolutionary history in metamonads and other eukaryotes. <i>BMC Evolutionary Biology</i> , 2016, 16, 197.	3.2	40
26	A Eukaryote without a Mitochondrial Organelle. <i>Current Biology</i> , 2016, 26, 1274-1284.	1.8	302
27	The Earliest Stages of Mitochondrial Adaptation to Low Oxygen Revealed in a Novel Rhizarian. <i>Current Biology</i> , 2016, 26, 2729-2738.	1.8	46
28	Environmental Breviatea harbour mutualistic <i>Arcobacter</i> epibionts. <i>Nature</i> , 2016, 534, 254-258.	13.7	68
29	Lateral Gene Transfer and Gene Duplication Played a Key Role in the Evolution of <i>Mastigamoeba</i> <i>balamuthi</i> Hydrogenosomes. <i>Molecular Biology and Evolution</i> , 2015, 32, 1039-1055.	3.5	63
30	Diversity and origins of anaerobic metabolism in mitochondria and related organelles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140326.	1.8	124
31	A SUF Fe-S Cluster Biogenesis System in the Mitochondrion-Related Organelles of the Anaerobic Protist <i>Pygsuia</i> . <i>Current Biology</i> , 2014, 24, 1176-1186.	1.8	94
32	The tangled past of eukaryotic enzymes involved in anaerobic metabolism. <i>Mobile Genetic Elements</i> , 2011, 1, 71-74.	1.8	19
33	Eukaryotic Pyruvate Formate Lyase and Its Activating Enzyme Were Acquired Laterally from a Firmicute. <i>Molecular Biology and Evolution</i> , 2011, 28, 2087-2099.	3.5	66