

Jon Jerlström-Hultqvist

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,375
citations

567144

15
h-index

552653

26
g-index

31
all docs

31
docs citations

31
times ranked

1381
citing authors

#	ARTICLE	IF	CITATIONS
1	Behind the smile: cell biology and disease mechanisms of Giardia species. Nature Reviews Microbiology, 2010, 8, 413-422.	13.6	343
2	Draft Genome Sequencing of Giardia intestinalis Assemblage B Isolate GS: Is Human Giardiasis Caused by Two Different Species?. PLoS Pathogens, 2009, 5, e1000560.	2.1	236
3	Evolution of New Functions De Novo and from Preexisting Genes. Cold Spring Harbor Perspectives in Biology, 2015, 7, a017996.	2.3	129
4	Genome analysis and comparative genomics of a Giardia intestinalis assemblage E isolate. BMC Genomics, 2010, 11, 543.	1.2	125
5	The Genome of Spironucleus salmonicida Highlights a Fish Pathogen Adapted to Fluctuating Environments. PLoS Genetics, 2014, 10, e1004053.	1.5	63
6	Transcriptome Profiling of Giardia intestinalis Using Strand-specific RNA-Seq. PLoS Computational Biology, 2013, 9, e1003000.	1.5	56
7	Comparative genomic analyses of freshly isolated Giardia intestinalis assemblage A isolates. BMC Genomics, 2015, 16, 697.	1.2	55
8	Plasmid Vectors for Proteomic Analyses in Giardia: Purification of Virulence Factors and Analysis of the Proteasome. Eukaryotic Cell, 2012, 11, 864-873.	3.4	49
9	Hydrogenosomes in the diplomonad Spironucleus salmonicida. Nature Communications, 2013, 4, 2493.	5.8	48
10	On the reversibility of parasitism: adaptation to a free-living lifestyle via gene acquisitions in the diplomonad Trepomonas sp. PC1. BMC Biology, 2016, 14, 62.	1.7	38
11	Is human giardiasis caused by two different Giardia species?. Gut Microbes, 2010, 1, 379-382.	4.3	33
12	Genome-Wide Analyses of Recombination Suggest That Giardia intestinalis Assemblages Represent Different Species. Molecular Biology and Evolution, 2012, 29, 2895-2898.	3.5	32
13	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
14	A bacteriophage enzyme induces bacterial metabolic perturbation that confers a novel promiscuous function. Nature Ecology and Evolution, 2018, 2, 1321-1330.	3.4	19
15	The compact genome of Giardia muris reveals important steps in the evolution of intestinal protozoan parasites. Microbial Genomics, 2020, 6, .	1.0	18
16	Large genomic differences between the morphologically indistinguishable diplomonads Spironucleus barkhanus and Spironucleus salmonicida. BMC Genomics, 2010, 11, 258.	1.2	17
17	Genomic analysis finds no evidence of canonical eukaryotic DNA processing complexes in a free-living protist. Nature Communications, 2021, 12, 6003.	5.8	17
18	Structure and mechanism of a phage-encoded SAM lyase revises catalytic function of enzyme family. ELife, 2021, 10, .	2.8	15

#	ARTICLE	IF	CITATIONS
19	Stable Transfection of the Diplomonad Parasite <i>Spironucleus salmonicida</i> . <i>Eukaryotic Cell</i> , 2012, 11, 1353-1361.	3.4	14
20	Comparative Cell Biology and Evolution of Annexins in Diplomonads. <i>MSphere</i> , 2016, 1, .	1.3	9
21	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
22	A Detailed Gene Expression Map of <i>Giardia</i> Encystation. <i>Genes</i> , 2021, 12, 1932.	1.0	8
23	Proximity Staining Using Enzymatic Protein Tagging in Diplomonads. <i>MSphere</i> , 2019, 4, .	1.3	3
24	Evolution of a New Function by Fusion between Phage DNA and a Bacterial Gene. <i>Molecular Biology and Evolution</i> , 2020, 37, 1329-1341.	3.5	2
25	Behind the smile: cell biology and disease mechanisms of <i>Giardia</i> species. , 0, .		1