Jon JerlstrÃ¶m-Hultqvist

List of Publications by Year
in descending order

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	Structure and mechanism of a phage-encoded SAM lyase revises catalytic function of enzyme family. ELife, 2021, 10, .	2.8	15
2	Genomic analysis finds no evidence of canonical eukaryotic DNA processing complexes in a free-living protist. Nature Communications, 2021, 12, 6003.	5.8	17
3	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
4	A Detailed Gene Expression Map of Giardia Encystation. Genes, 2021, 12, 1932.	1.0	8
5	Evolution of a New Function by Fusion between Phage DNA and a Bacterial Gene. Molecular Biology and Evolution, 2020, 37, 1329-1341.	3.5	2
6	The compact genome of Giardia muris reveals important steps in the evolution of intestinal protozoan parasites. Microbial Genomics, 2020, 6, .	1.0	18
7	Proximity Staining Using Enzymatic Protein Tagging in Diplomonads. MSphere, 2019, 4, .	1.3	3
8	Oxygen induces the expression of invasion and stress response genes in the anaerobic salmon parasite Spironucleus salmonicida. BMC Biology, 2019, 17, 19.	1.7	9
9	A bacteriophage enzyme induces bacterial metabolic perturbation that confers a novel promiscuous function. Nature Ecology and Evolution, 2018, 2, 1321-1330.	3.4	19
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	Comparative Cell Biology and Evolution of Annexins in Diplomonads. MSphere, 2016, 1, .	1.3	9
12	Comparative genomic analyses of freshly isolated Giardia intestinalis assemblage A isolates. BMC Genomics, 2015, 16, 697.	1.2	55
13	Evolution of New Functions De Novo and from Preexisting Genes. Cold Spring Harbor Perspectives in Biology, 2015, 7, a017996.	2.3	129
14	The Genome of Spironucleus salmonicida Highlights a Fish Pathogen Adapted to Fluctuating Environments. PLoS Genetics, 2014, 10, e1004053.	1.5	63
15	Hydrogenosomes in the diplomonad Spironucleus salmonicida. Nature Communications, 2013, 4, 2493.	5.8	48
16	Transcriptome Profiling of Giardia intestinalis Using Strand-specific RNA-Seq. PLoS Computational Biology, 2013, 9, e1003000.	1.5	56
17	Stable Transfection of the Diplomonad Parasite Spironucleus salmonicida. Eukaryotic Cell, 2012, 11, 1353-1361.	3.4	14
18	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

#	Article	IF	Citations
19	Genome-Wide Analyses of Recombination Suggest That Giardia intestinalis Assemblages Represent Different Species. Molecular Biology and Evolution, 2012, 29, 2895-2898.	3.5	32
20	Large genomic differences between the morphologically indistinguishable diplomonads Spironucleus barkhanus and Spironucleus salmonicida. BMC Genomics, 2010, 11, 258.	1.2	17
21	Genome analysis and comparative genomics of a Giardia intestinalis assemblage E isolate. BMC Genomics, 2010, 11, 543.	1.2	125
22	Is human giardiasis caused by two different Giardia species?. Gut Microbes, 2010, 1, 379-382.	4.3	33
23	Behind the smile: cell biology and disease mechanisms of Giardia species. Nature Reviews Microbiology, 2010, 8, 413-422.	13.6	343
24	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
25	Behind the smile: cell biology and disease mechanisms of Giardia species. , 0, .		1