Warren Francis

List of Publications by Year
in descending order

29 papers	1,514 citations	567281 15 h-index	477307 29 g-index
42 all docs	42 docs citations	42 times ranked	2120 citing authors

#	Article	IF	Citations
1	Metagenomic data for Halichondria panicea from Illumina and nanopore sequencing and preliminary genome assemblies for the sponge and two microbial symbionts. BMC Research Notes, 2022, 15, 135.	1.4	5
2	A Winâ€“Loss Interaction on Fe0 Between Methanogens and Acetogens From a Climate Lake. Frontiers in Microbiology, 2021, 12, 638282.	3.5	7
3	A chromosome-scale genome assembly and karyotype of the ctenophore Hormiphora californensis. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	18
4	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution. Science, 2021, 374, 717-723.	12.6	111
5	Biochemical characterization of diverse deep-sea anthozoan bioluminescence systems. Marine Biology, 2020, 167, 1.	1.5	24
6	Tracing animal genomic evolution with the chromosomal-level assembly of the freshwater sponge Ephydatia muelleri. Nature Communications, 2020, 11, 3676.	12.8	72
7	Conserved novel ORFs in the mitochondrial genome of the ctenophore Beroe forskalii. PeerJ, 2020, 8, e8356.	2.0	16
8	Very few sites can reshape the inferred phylogenetic tree. PeerJ, 2020, 8, e8865.	2.0	20
9	The Role of Homology and Orthology in the Phylogenomic Analysis of Metazoan Gene Content. Molecular Biology and Evolution, 2019, 36, 643-649.	8.9	44
10	Combing Transcriptomes for Secrets of Deep-Sea Survival: Environmental Diversity Drives Patterns of Protein Evolution. Integrative and Comparative Biology, 2019, 59, 786-798.	2.0	4
11	A hybridde novoassembly of the sea pansy (Renilla muelleri) genome. GigaScience, 2019, 8, .	6.4	27
12	Predicted microbial secretomes and their target substrates in marine sediment. Nature Microbiology, 2018, 3, 32-37.	13.3	85
13	Correction: Animal origins and the Tonian Earth system. Emerging Topics in Life Sciences, 2018, 2, 327-330.	2.6	2
14	Integrating embryonic development and evolutionary history to characterize tentacle-specific cell types in a ctenophore. Molecular Biology and Evolution, 2018, 35, 2940-2956.	8.9	29
15	Fungi in Deep Subsurface Environments. Advances in Applied Microbiology, 2018, 102, 83-116.	2.4	22
16	The last common ancestor of animals lacked the HIF pathway and respired in low-oxygen environments. ELife, 2018, 7, .	6.0	88
17	Comparative genomics and the nature of placozoan species. PLoS Biology, 2018, 16, e2005359.	5.6	73
18	Animal origins and the Tonian Earth system. Emerging Topics in Life Sciences, 2018, 2, 289-298.	2.6	12

#	Article	IF	Citations
19	Similar Ratios of Introns to Intergenic Sequence across Animal Genomes. Genome Biology and Evolution, 2017, 9, 1582-1598.	2.5	48
20	Transcriptomic Resilience of the Montipora digitata Holobiont to Low pH. Frontiers in Marine Science, 2017, 4, .	2.5	16
21	Symplectin evolved from multiple duplications in bioluminescent squid. PeerJ, 2017, 5, e3633.	2.0	7
22	Bioluminescence spectra from three deep-sea polychaete worms. Marine Biology, 2016, 163, 1.	1.5	13
23	Non-excitable fluorescent protein orthologs found in ctenophores. BMC Evolutionary Biology, 2016, 16, 167.	3.2	7
24	Mitochondrial genomes of the freshwater sponges Spongilla lacustris and Ephydatia cf. muelleri. Mitochondrial DNA Part B: Resources, 2016, 1, 250-251.	0.4	5
25	Occurrence of Isopenicillin-N-Synthase Homologs in Bioluminescent Ctenophores and Implications for Coelenterazine Biosynthesis. PLoS ONE, 2015, 10, e0128742.	2.5	21
26	Characterization of an anthraquinone fluor from the bioluminescent, pelagic polychaete Tomopteris. Luminescence, 2014, 29, 1135-1140.	2.9	19
27	The Genome of the Ctenophore Mnemiopsis leidyi and Its Implications for Cell Type Evolution. Science, 2013, 342, 1242592.	12.6	570
28	A comparison across non-model animals suggests an optimal sequencing depth for de novo transcriptome assembly. BMC Genomics, 2013, 14, 167.	2.8	80
29	The Dark Ocean Is Full of Lights. Frontiers for Young Minds, 0, 8, .	0.8	1