

Warren Francis

List of Publications by Year in descending order

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Version: 2024-02-01

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	The Genome of the Ctenophore <i>Mnemiopsis leidyi</i> and Its Implications for Cell Type Evolution. Science, 2013, 342, 1242592.	12.6	570
2	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution. Science, 2021, 374, 717-723.	12.6	111
3	The last common ancestor of animals lacked the HIF pathway and respired in low-oxygen environments. ELife, 2018, 7, .	6.0	88
4	Predicted microbial secretomes and their target substrates in marine sediment. Nature Microbiology, 2018, 3, 32-37.	13.3	85
5	A comparison across non-model animals suggests an optimal sequencing depth for de novo transcriptome assembly. BMC Genomics, 2013, 14, 167.	2.8	80
6	Comparative genomics and the nature of placozoan species. PLoS Biology, 2018, 16, e2005359.	5.6	73
7	Tracing animal genomic evolution with the chromosomal-level assembly of the freshwater sponge <i>Ephydatia muelleri</i> . Nature Communications, 2020, 11, 3676.	12.8	72
8	Similar Ratios of Introns to Intergenic Sequence across Animal Genomes. Genome Biology and Evolution, 2017, 9, 1582-1598.	2.5	48
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	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
11	A hybrid de novo assembly of the sea pansy (<i>Renilla muelleri</i>) genome. GigaScience, 2019, 8, .	6.4	27
12	Biochemical characterization of diverse deep-sea anthozoan bioluminescence systems. Marine Biology, 2020, 167, 1.	1.5	24
13	Fungi in Deep Subsurface Environments. Advances in Applied Microbiology, 2018, 102, 83-116.	2.4	22
14	Occurrence of Isopenicillin-N-Synthase Homologs in Bioluminescent Ctenophores and Implications for Coelenterazine Biosynthesis. PLoS ONE, 2015, 10, e0128742.	2.5	21
15	Very few sites can reshape the inferred phylogenetic tree. PeerJ, 2020, 8, e8865.	2.0	20
16	Characterization of an anthraquinone fluor from the bioluminescent, pelagic polychaete <i>Tomopteris</i> . Luminescence, 2014, 29, 1135-1140.	2.9	19
17	A chromosome-scale genome assembly and karyotype of the ctenophore <i>Hormiphora californensis</i> . G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	18
18	Transcriptomic Resilience of the <i>Montipora digitata</i> Holobiont to Low pH. Frontiers in Marine Science, 2017, 4, .	2.5	16

#	ARTICLE	IF	CITATIONS
19	Conserved novel ORFs in the mitochondrial genome of the ctenophore <i>Beroë forskalii</i> . PeerJ, 2020, 8, e8356.	2.0	16
20	Bioluminescence spectra from three deep-sea polychaete worms. Marine Biology, 2016, 163, 1.	1.5	13
21	Animal origins and the Tonian Earth system. Emerging Topics in Life Sciences, 2018, 2, 289-298.	2.6	12
22	Non-excitable fluorescent protein orthologs found in ctenophores. BMC Evolutionary Biology, 2016, 16, 167.	3.2	7
23	A Winâ€™Loss Interaction on FeO Between Methanogens and Acetogens From a Climate Lake. Frontiers in Microbiology, 2021, 12, 638282.	3.5	7
24	Symplectin evolved from multiple duplications in bioluminescent squid. PeerJ, 2017, 5, e3633.	2.0	7
25	Mitochondrial genomes of the freshwater sponges <i>Spongilla lacustris</i> and <i>Ephydatia cf. muelleri</i> . Mitochondrial DNA Part B: Resources, 2016, 1, 250-251.	0.4	5
26	Metagenomic data for <i>Halichondria panicea</i> 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
27	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
28	Correction: Animal origins and the Tonian Earth system. Emerging Topics in Life Sciences, 2018, 2, 327-330.	2.6	2
29	The Dark Ocean Is Full of Lights. Frontiers for Young Minds, 0, 8, .	0.8	1