

Christopher E Lane

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,766
citations

471509

17
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

5515
citing authors

#	ARTICLE	IF	CITATIONS
1	Codependence of individuals in the <i>Nephromyces</i> species swarm requires heterospecific bacterial endosymbionts. <i>Current Biology</i> , 2022, 32, 2948-2955.e4.	3.9	2
2	Gregarine single-cell transcriptomics reveals differential mitochondrial remodeling and adaptation in apicomplexans. <i>BMC Biology</i> , 2021, 19, 77.	3.8	30
3	Using DNA barcoding to identify host-parasite interactions between cryptic species of goby (<i>Coryphopterus</i> : Gobiidae, Perciformes) and parasitic copepods (<i>Pharodes tortugensis</i> : Tj ETQq1 1 0.784314 rgBTφ Overlockd 10 Tf 50 6		
4	Reorganizing parasitic Delesseriaceae: taxonomic revision of <i>Asterocolax</i> . <i>Phytotaxa</i> , 2021, 525, 124-136.	0.3	2
5	Metabolic Contributions of an Alphaproteobacterial Endosymbiont in the Apicomplexan <i>Cardiosporidium cionae</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 580719.	3.5	8
6	Roadmap for naming uncultivated Archaea and Bacteria. <i>Nature Microbiology</i> , 2020, 5, 987-994.	13.3	115
7	Response to Preuss and Zuccarello (2020): biological definitions that can be unambiguously applied for red algal parasites. <i>Journal of Phycology</i> , 2020, 56, 833-835.	2.3	0
8	<i>Nephromyces</i> represents a diverse and novel lineage of the Apicomplexa that has retained apicoplasts. <i>Genome Biology and Evolution</i> , 2019, 11, 2727-2740.	2.5	19
9	Recruitment tolerance to increased temperature present across multiple kelp clades. <i>Ecology</i> , 2019, 100, e02594.	3.2	43
10	Molecular phylogenetics supports a clade of red algal parasites retaining native plastids: taxonomy and terminology revised. <i>Journal of Phycology</i> , 2019, 55, 279-288.	2.3	8
11	<i>Nephromyces</i> Encodes a Urate Metabolism Pathway and Predicted Peroxisomes, Demonstrating That These Are Not Ancient Losses of Apicomplexans. <i>Genome Biology and Evolution</i> , 2019, 11, 41-53.	2.5	20
12	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 4-119.	1.7	904
13	Microbial Diversity in the Eukaryotic SAR Clade: Illuminating the Darkness Between Morphology and Molecular Data. <i>BioEssays</i> , 2018, 40, e1700198.	2.5	43
14	A revision of the genus <i>Cryptonemia</i> (Halymeniaceae, Rhodophyta) in Bermuda, western Atlantic Ocean, including five new species and <i>C. bermudensis</i> (Collins & M. Howe) comb. nov.. <i>European Journal of Phycology</i> , 2018, 53, 350-368.	2.0	10
15	Red Algal Mitochondrial Genomes are More Complete than Previously Reported. <i>Genome Biology and Evolution</i> , 2017, 9, evw267.	2.5	19
16	Parasitism finds many solutions to the same problems in red algae (Florideophyceae, Rhodophyta). <i>Molecular and Biochemical Parasitology</i> , 2017, 214, 105-111.	1.1	12
17	Kelp transcriptomes provide robust support for interfamilial relationships and revision of the little known Arthrothamnaceae (Laminariales). <i>Journal of Phycology</i> , 2017, 53, 1-6.	2.3	28
18	Red algae provide fertile ground for exploring parasite evolution. <i>Perspectives in Phycology</i> , 2016, 3, 11-19.	1.9	8

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19	The ghost plastid of <i>Choreocolax polysiphoniae</i> . <i>Journal of Phycology</i> , 2015, 51, 217-221.	2.3	46
20	Are all red algal parasites cut from the same cloth?. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 369-375.	0.8	18
21	The Revised Classification of Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2012, 59, 429-514.	1.7	1,340
22	Red algal parasites: Models for a life history evolution that leaves photosynthesis behind again and again. <i>BioEssays</i> , 2012, 34, 226-235.	2.5	36
23	Red Algae Lose Key Mitochondrial Genes in Response to Becoming Parasitic. <i>Genome Biology and Evolution</i> , 2010, 2, 897-910.	2.5	59
24	Notes on the marine algae of the Bermudas. 11. More additions to the benthic flora and a phylogenetic assessment of <i>Halymenia pseudofloresii</i> (Halymeniales, Rhodophyta) from its type locality. <i>Phycologia</i> , 2010, 49, 154-168.	1.4	29
25	Diversity, Nomenclature, and Taxonomy of Protists. <i>Systematic Biology</i> , 2007, 56, 684-689.	5.6	215
26	A molecular assessment of northeast Pacific <i>Alaria</i> species (Laminariales, Phaeophyceae) with reference to the utility of DNA barcoding. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 634-648.	2.7	172
27	Unraveling the <i>Asteromenia peltata</i> species complex with clarification of the genera <i>Halichrysis</i> and <i>Drouetia</i> (Rhodymeniaceae, Rhodophyta). <i>Canadian Journal of Botany</i> , 2006, 84, 1581-1607.	1.1	31
28	<i>Crassitegula walsinghamii</i> (Sebdeniaceae, Halymeniales), a new red algal genus and species from Bermuda based upon morphology and SSU rDNA sequence analyses. <i>European Journal of Phycology</i> , 2006, 41, 115-124.	2.0	17
29	AN EVALUATION OF METHODS USED TO ASSESS INTERGENERIC HYBRIDIZATION IN KELP USING PACIFIC LAMINARIALES (PHAEOPHYCEAE)1. <i>Journal of Phycology</i> , 2005, 41, 250-262.	2.3	49
30	The New Higher Level Classification of Eukaryotes with Emphasis on the Taxonomy of Protists. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 399-451.	1.7	1,476