Christopher E Lane

List of Publications by Year
in descending order

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	The New Higher Level Classification of Eukaryotes with Emphasis on the Taxonomy of Protists. Journal of Eukaryotic Microbiology, 2005, 52, 399-451.	1.7	1,476
2	The Revised Classification of Eukaryotes. Journal of Eukaryotic Microbiology, 2012, 59, 429-514.	1.7	1,340
3	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. Journal of Eukaryotic Microbiology, 2019, 66, 4-119.	1.7	904
4	Diversity, Nomenclature, and Taxonomy of Protists. Systematic Biology, 2007, 56, 684-689.	5.6	215
5	A molecular assessment of northeast Pacific Alaria species (Laminariales, Phaeophyceae) with reference to the utility of DNA barcoding. Molecular Phylogenetics and Evolution, 2007, 44, 634-648.	2.7	172
6	Roadmap for naming uncultivated Archaea and Bacteria. Nature Microbiology, 2020, 5, 987-994.	13.3	115
7	Red Algae Lose Key Mitochondrial Genes in Response to Becoming Parasitic. Genome Biology and Evolution, 2010, 2, 897-910.	2.5	59
8	AN EVALUATION OF METHODS USED TO ASSESS INTERGENERIC HYBRIDIZATION IN KELP USING PACIFIC LAMINARIALES (PHAEOPHYCEAE)1. Journal of Phycology, 2005, 41, 250-262.	2.3	49
9	The ghost plastid of <i>Choreocolax polysiphoniae</i>. Journal of Phycology, 2015, 51, 217-221.	2.3	46
10	Microbial Diversity in the Eukaryotic SAR Clade: Illuminating the Darkness Between Morphology and Molecular Data. BioEssays, 2018, 40, e1700198.	2.5	43
11	Recruitment tolerance to increased temperature present across multiple kelp clades. Ecology, 2019, 100, e02594.	3.2	43
12	Red algal parasites: Models for a life history evolution that leaves photosynthesis behind again and again. BioEssays, 2012, 34, 226-235.	2.5	36
13	Unraveling the Asteromenia peltata species complex with clarification of the genera Halichrysis and Drouetia (Rhodymeniaceae, Rhodophyta). Canadian Journal of Botany, 2006, 84, 1581-1607.	1.1	31
14	Gregarine single-cell transcriptomics reveals differential mitochondrial remodeling and adaptation in apicomplexans. BMC Biology, 2021, 19, 77.	3.8	30
15	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. Phycologia, 2010, 49, 154-168.	1.4	29
16	Kelp transcriptomes provide robust support for interfamilial relationships and revision of the little known Arthrothamnaceae (Laminariales). Journal of Phycology, 2017, 53, 1-6.	2.3	28
17	<i>Nephromyces</i>Encodes a Urate Metabolism Pathway and Predicted Peroxisomes, Demonstrating That These Are Not Ancient Losses of Apicomplexans. Genome Biology and Evolution, 2019, 11, 41-53.	2.5	20
18	Red Algal Mitochondrial Genomes are More Complete than Previously Reported. Genome Biology and Evolution, 2017, 9, evw267.	2.5	19

#	Article	IF	Citations
19	Nephromyces represents a diverse and novel lineage of the Apicomplexa that has retained apicoplasts. Genome Biology and Evolution, 2019, 11, 2727-2740.	2.5	19
20	Are all red algal parasites cut from the same cloth?. Acta Societatis Botanicorum Poloniae, 2014, 83, 369-375.	0.8	18
21	Crassitegula walsinghamii(Sebdeniaceae, Halymeniales), a new red algal genus and species from Bermuda based upon morphology and SSU rDNA sequence analyses. European Journal of Phycology, 2006, 41, 115-124.	2.0	17
22	Parasitism finds many solutions to the same problems in red algae (Florideophyceae, Rhodophyta). Molecular and Biochemical Parasitology, 2017, 214, 105-111.	1.1	12
23	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.. European Journal of Phycology, 2018, 53, 350-368.	2.0	10
24	Molecular phylogenetics supports a clade of red algal parasites retaining native plastids: taxonomy and terminology revised. Journal of Phycology, 2019, 55, 279-288.	2.3	8
25	Metabolic Contributions of an Alphaproteobacterial Endosymbiont in the Apicomplexan Cardiosporidium cionae. Frontiers in Microbiology, 2020, 11, 580719.	3.5	8
26	Red algae provide fertile ground for exploring parasite evolution. Perspectives in Phycology, 2016, 3, 11-19.	1.9	8
27	Reorganizing parasitic Delesseriaceae: taxonomic revision of Asterocolax. Phytotaxa, 2021, 525, 124-136.	0.3	2
28	Codependence of individuals in the Nephromyces species swarm requires heterospecific bacterial endosymbionts. Current Biology, 2022, 32, 2948-2955.e4.	3.9	2
29	Response to Preuss and Zuccarello (2020): biological definitions that can be unambiguously applied for red algal parasites. Journal of Phycology, 2020, 56, 833-835.	2.3	0
30	Using DNA barcoding to identify host-parasite interactions between cryptic species of goby (Coryphopterus: Gobiidae, Perciformes) and parasitic copepods (Pharodes tortugensis:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (Cl	0.5	0