CÃ©dric Berney

List of Publications by Year
in descending order

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46 papers	7,541 citations	126907 33 h-index	254184 43 g-index
52 all docs	52 docs citations	52 times ranked	6848 citing authors

#	Article	IF	Citations
1	Eukaryotic plankton diversity in the sunlit ocean. Science, 2015, 348, 1261605.	12.6	1,551
2	The Protist Ribosomal Reference database (PR2): a catalog of unicellular eukaryote Small Sub-Unit rRNA sequences with curated taxonomy. Nucleic Acids Research, 2012, 41, D597-D604.	14.5	1,463
3	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. Journal of Eukaryotic Microbiology, 2019, 66, 4-119.	1.7	904
4	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. PLoS Biology, 2012, 10, e1001419.	5.6	488
5	Parasites dominate hyperdiverse soil protist communities in Neotropical rainforests. Nature Ecology and Evolution, 2017, 1, 91.	7.8	262
6	The twilight of Heliozoa and rise of Rhizaria, an emerging supergroup of amoeboid eukaryotes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8066-8071.	7.1	227
7	Freshwater Perkinsea and marine-freshwater colonizations revealed by pyrosequencing and phylogeny of environmental rDNA. ISME Journal, 2010, 4, 1144-1153.	9.8	208
8	How many novel eukaryotic 'kingdoms'? Pitfalls and limitations of environmental DNA surveys. BMC Biology, 2004, 2, 13.	3.8	177
9	A molecular time-scale for eukaryote evolution recalibrated with the continuous microfossil record. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1867-1872.	2.6	175
10	Phylogeny of Novel Naked Filose and Reticulose Cercozoa: Granofilosea cl. n. and Proteomyxidea Revised. Protist, 2009, 160, 75-109.	1.5	146
11	Soil protistology rebooted: 30 fundamental questions to start with. Soil Biology and Biochemistry, 2017, 111, 94-103.	8.8	130
12	EukRef: Phylogenetic curation of ribosomal RNA to enhance understanding of eukaryotic diversity and distribution. PLoS Biology, 2018, 16, e2005849.	5.6	101
13	Molecular Phylogeny and Classification of the Lobose Amoebae. Protist, 2005, 156, 129-142.	1.5	99
14	Clarifying the Relationships between Microsporidia and Cryptomycota. Journal of Eukaryotic Microbiology, 2018, 65, 773-782.	1.7	98
15	Multigene eukaryote phylogeny reveals the likely protozoan ancestors of opisthokonts (animals,) Tj ETQq1 1 0.784314 rgBT /Overloc	2.7	97
16	Phylogeny of Lobose Amoebae Based on Actin and Small-Subunit Ribosomal RNA Genes. Molecular Biology and Evolution, 2003, 20, 1881-1886.	8.9	89
17	Higherâ€Order Phylogeny of Plasmodial Slime Molds (Myxogastria) Based on Elongation Factor 1â€A and Small Subunit rRNA Gene Sequences. Journal of Eukaryotic Microbiology, 2005, 52, 201-210.	1.7	84
18	Multigene phylogeny resolves deep branching of Amoebozoa. Molecular Phylogenetics and Evolution, 2015, 83, 293-304.	2.7	84

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19	Diversification of unicellular eukaryotes: cryptomonad colonizations of marine and fresh waters inferred from revised 18S rRNA phylogeny. Environmental Microbiology, 2008, 10, 2635-2644.	3.8	79
20	The Testate Lobose Amoebae (Order Arcellinida Kent, 1880) Finally Find their Home within Amoebozoa. Protist, 2005, 156, 191-202.	1.5	78
21	UniEuk: Time to Speak a Common Language in Protistology!. Journal of Eukaryotic Microbiology, 2017, 64, 407-411.	1.7	74
22	Vampires in the oceans: predatory cercozoan amoebae in marine habitats. ISME Journal, 2013, 7, 2387-2399.	9.8	73
23	Small-Subunit Ribosomal RNA Gene Sequences of Phaeodarea Challenge the Monophyly of Haeckel's Radiolaria. Protist, 2004, 155, 53-63.	1.5	63
24	Lineage-specific molecular probing reveals novel diversity and ecological partitioning of haplosporidians. ISME Journal, 2014, 8, 177-186.	9.8	61
25	Phylogenetic position of Multicilia marina and the evolution of Amoebozoa. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1449-1458.	1.7	60
26	Mikrocytids Are a Broadly Distributed and Divergent Radiation of Parasites in Aquatic Invertebrates. Current Biology, 2014, 24, 807-812.	3.9	58
27	Expansion of the â€˜Reticulosphereâ€™: Diversity of Novel Branching and Network-forming Amoebae Helps to Define Variosea (Amoebozoa). Protist, 2015, 166, 271-295.	1.5	57
28	Diverse molecular signatures for ribosomally â€˜activeâ€™ Perkinsea in marine sediments. BMC Microbiology, 2014, 14, 110.	3.3	54
29	Patterns of eukaryotic diversity from the surface to the deep-ocean sediment. Science Advances, 2022, 8, eabj9309.	10.3	52
30	Molecular comparison of cultivable protozoa from a pristine and a polycyclic aromatic hydrocarbon polluted site. Soil Biology and Biochemistry, 2007, 39, 139-148.	8.8	49
31	The Novel Marine Gliding Zooflagellate Genus Mantamonas (Mantamonadida ord. n.: Apusozoa). Protist, 2011, 162, 207-221.	1.5	49
32	Phylogenetic Position of Dujardin inferred from Nuclear-Encoded Small Subunit Ribosomal DNA. Protist, 2002, 153, 251-260.	1.5	39
33	Revised Small Subunit rRNA Analysis Provides Further Evidence that Foraminifera Are Related to Cercozoa. Journal of Molecular Evolution, 2003, 57, S120-S127.	1.8	39
34	A new phylogeny and environmental DNA insight into paramyxids: an increasingly important but enigmatic clade of protistan parasites of marine invertebrates. International Journal for Parasitology, 2016, 46, 605-619.	3.1	39
35	High-throughput sequencing of microbial eukaryotes in Lake Baikal reveals ecologically differentiated communities and novel evolutionary radiations. FEMS Microbiology Ecology, 2017, 93, .	2.7	35
36	The Large Subunit rDNA Sequence of Plasmodiophora brassicae Does not Contain Intra-species Polymorphism. Protist, 2016, 167, 544-554.	1.5	30

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37	Rhizarian â€˜Novel Clade 10â€™ Revealed as Abundant and Diverse Planktonic and Terrestrial Flagellates, including Aquavolon n. gen.. Journal of Eukaryotic Microbiology, 2018, 65, 828-842.	1.7	29
38	Reticulamoeba Is a Long-Branched Granofilosean (Cercozoa) That Is Missing from Sequence Databases. PLoS ONE, 2012, 7, e49090.	2.5	24
39	Environmental Sequencing Fills the Gap Between Parasitic Haplosporidians and Freeâ€living Giant Amoebae. Journal of Eukaryotic Microbiology, 2018, 65, 574-586.	1.7	21
40	Phylogeny and Systematics of Leptomyxid Amoebae (Amoebozoa, Tubulinea, Leptomyxida). Protist, 2017, 168, 220-252.	1.5	11
41	Cyphoderia ampulla (Cyphoderiidae: Rhizaria), a tale of freshwater sailors: The causes and consequences of ecological transitions through the salinity barrier in a family of benthic protists. Molecular Ecology, 2022, 31, 2644-2663.	3.9	7
42	How many novel eukaryotic "kingdoms"? Pitfalls and limitations of environmental DNA surveys. Journal of Eukaryotic Microbiology, 2005, 52, 7S-27S.	1.7	2
43	Small subunit ribosomal RNA sequences of Phaeodarea challenge the monophyly of Haeckel's Radiolaria. Journal of Eukaryotic Microbiology, 2005, 52, 7S-27S.	1.7	1
44	A molecular perspective on the phylogeny of amoeboid protists. Journal of Eukaryotic Microbiology, 2005, 52, 7S-27S.	1.7	0
45	Phylogeny of lobose amoebae based on actin and small-subunit ribosomal RNA genes. Journal of Eukaryotic Microbiology, 2005, 52, 7S-27S.	1.7	0
46	The twilight of sun-animalcules. Journal of Eukaryotic Microbiology, 2005, 52, 7S-27S.	1.7	0