

# Peter M Letcher

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,301  
citations

257450

24  
h-index

223800

46  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1565  
citing authors

#	ARTICLE	IF	CITATIONS
1	A molecular phylogeny of the flagellated fungi (Chytridiomycota) and description of a new phylum (Blastocladiomycota). <i>Mycologia</i> , 2006, 98, 860-871.	1.9	357
2	A molecular phylogeny of the flagellated fungi (Chytridiomycota) and description of a new phylum (Blastocladiomycota). <i>Mycologia</i> , 2006, 98, 860-871.	1.9	224
3	Integrating chytrid fungal parasites into plankton ecology: research gaps and needs. <i>Environmental Microbiology</i> , 2017, 19, 3802-3822.	3.8	171
4	Ultrastructural and molecular phylogenetic delineation of a new order, the Rhizophydiales (Chytridiomycota). <i>Mycological Research</i> , 2006, 110, 898-915.	2.5	142
5	Characterization of <i>Amoebophilum protocoecum</i> , an Algal Parasite New to the Cryptomycota Isolated from an Outdoor Algal Pond Used for the Production of Biofuel. <i>PLoS ONE</i> , 2013, 8, e56232.	2.5	136
6	Ultrastructural and molecular analyses of Rhizophydiales (Chytridiomycota) isolates from North America and Argentina. <i>Mycological Research</i> , 2008, 112, 759-782.	2.5	90
7	Notes for genera: basal clades of Fungi (including Aphelidiomycota, Basidiobolomycota,) <a href="https://doi.org/10.1016/j.ymico.2018.02.002">https://doi.org/10.1016/j.ymico.2018.02.002</a>	12.3	87
8	Rhizophlyctidales—a new order in Chytridiomycota. <i>Mycological Research</i> , 2008, 112, 1031-1048.	2.5	75
9	Cladochytriales—a new order in Chytridiomycota. <i>Mycological Research</i> , 2009, 113, 498-507.	2.5	70
10	Molecular phylogenetic and zoospore ultrastructural analyses of <i>Chytridium olla</i> establish the limits of a monophyletic Chytridiales. <i>Mycologia</i> , 2011, 103, 118-130.	1.9	57
11	<i>Kappamyces</i> , a new genus in the Chytridiales (Chytridiomycota). <i>Nova Hedwigia</i> , 2005, 80, 115-133.	0.4	46
12	A molecular phylogenetic evaluation of the Spizellomycetales. <i>Mycologia</i> , 2010, 102, 596-604.	1.9	45
13	Molecular phylogeny of the Blastocladiomycota (Fungi) based on nuclear ribosomal DNA. <i>Fungal Biology</i> , 2011, 115, 381-392.	2.5	45
14	Ultrastructural and molecular delineation of the Chytridiaceae (Chytridiales). <i>Canadian Journal of Botany</i> , 2005, 83, 1561-1573.	1.1	40
15	Distribution and diversity of zoosporic fungi from soils of four vegetation types in New South Wales, Australia. <i>Canadian Journal of Botany</i> , 2004, 82, 1490-1500.	1.1	36
16	A taxonomic summary and revision of <i>Rozella</i> (Cryptomycota). <i>IMA Fungus</i> , 2018, 9, 383-399.	3.8	36
17	Distribution of zoosporic fungi in forest soils of the Blue Ridge and Appalachian Mountains of Virginia. <i>Mycologia</i> , 2001, 93, 1029-1041.	1.9	35
18	Morphological, molecular, and ultrastructural characterization of <i>Rozella rhizoclostratii</i> , a new species in Cryptomycota. <i>Fungal Biology</i> , 2017, 121, 1-10.	2.5	35

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19	<i>Rhizidium phycophilum</i> , a new species in Chytridiales. <i>Mycologia</i> , 2009, 101, 696-706.	1.9	33
20	An ultrastructural study of <i>Paraphysoderma sedebokerense</i> (Blastocladiomycota), an epibiotic parasite of microalgae. <i>Fungal Biology</i> , 2016, 120, 324-337.	2.5	32
21	Hypothesized evolutionary trends in zoospore ultrastructural characters in Chytridiales (Chytridiomycota). <i>Mycologia</i> , 2014, 106, 379-396.	1.9	31
22	Morphology, Ultrastructure, and Molecular Phylogeny of <i>Rozella multimorpha</i> , a New Species in Cryptomycota. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 180-190.	1.7	31
23	A new isolate of <i>Amoebophilum protococcarum</i> , and <i>Amoebophilum occidentale</i> , a new species in phylum Aphelida (Opisthosporidia). <i>Mycologia</i> , 2015, 107, 522-531.	1.9	30
24	A new family and four new genera in Rhizophydiales (Chytridiomycota). <i>Mycologia</i> , 2015, 107, 808-830.	1.9	26
25	Ultrastructural characterization of the host-parasite interface between <i>Allomyces anomalus</i> (Blastocladiomycota) and <i>Rozella allomycis</i> (Cryptomycota). <i>Fungal Biology</i> , 2017, 121, 561-572.	2.5	26
26	Phylogenetic position of <i>Phlyctochytrium planicorne</i> (Chytridiales, Chytridiomycota) based on zoospore ultrastructure and partial nuclear LSU rRNA gene sequence analysis. <i>Nova Hedwigia</i> , 2005, 80, 135-146.	0.4	23
27	The Collection of Zoosporic Eufungi at the University of Michigan (CZEUM): introducing a new repository of barcoded Chytridiomycota and Blastocladiomycota cultures. <i>IMA Fungus</i> , 2020, 11, 20.	3.8	22
28	New taxa are delineated in Alphamycetaceae (Rhizophydiales, Chytridiomycota). <i>Nova Hedwigia</i> , 2012, 94, 9-29.	0.4	21
29	Molecular Phylogeny and Ultrastructure of <i>Aphelidium desmodesmii</i> , a New Species in Aphelida (Opisthosporidia). <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 655-667.	1.7	21
30	<i>Operculomyces</i> is a new genus in the order Rhizophydiales. <i>Mycologia</i> , 2011, 103, 854-862.	1.9	20
31	Zoospore ultrastructure and phylogenetic position of <i>Phlyctochytrium aureliae</i> Ajello is revealed (Chytridiaceae, Chytridiales, Chytridiomycota). <i>Mycologia</i> , 2012, 104, 410-418.	1.9	20
32	Three new genera in Chytridiales from aquatic habitats in Argentina. <i>Mycologia</i> , 2013, 105, 1251-1265.	1.9	20
33	Rediscovery of an unusual chytridiaceous fungus new to the order Rhizophydiales. <i>Mycologia</i> , 2008, 100, 325-334.	1.9	19
34	A new genus and family for the misclassified chytrid, <i>Rhizophlyctis harderi</i> . <i>Mycologia</i> , 2015, 107, 419-431.	1.9	19
35	<i>Synchytrium microbalum</i> sp. nov. is a saprobic species in a lineage of parasites. <i>Fungal Biology</i> , 2016, 120, 1156-1164.	2.5	19
36	<i>Pseudorhizidium</i> is a new genus with distinct zoospore ultrastructure in the order Chytridiales. <i>Mycologia</i> , 2013, 105, 496-507.	1.9	18

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37	Characterization of a new chytrid species parasitic on the dinoflagellate, <i>Peridinium gatunense</i> . <i>Mycologia</i> , 2016, 108, 731-743.	1.9	18
38	A taxonomic summary of Aphelidiaceae. <i>IMA Fungus</i> , 2019, 10, 4.	3.8	18
39	<i>Homolaphlyctis polyrhiza</i> gen. et sp. nov., a species in the <i>Rhizophydiales</i> ( <i>Chytridiomycetes</i> ) with multiple rhizoidal axes. <i>Mycotaxon</i> , 2012, 118, 433-440.	0.3	17
40	<i>Zopfochytrium</i> is a new genus in the Chytridiales with distinct zoospore ultrastructure. <i>Fungal Biology</i> , 2018, 122, 1041-1049.	2.5	14
41	<i>Dendrochytridium crassum</i> gen. et sp. nov., a taxon in Chytridiales with unique zoospore ultrastructure. <i>Mycologia</i> , 2014, 106, 145-153.	1.9	12
42	<i>Fayochytriomyces</i> , a new genus within Chytridiales. <i>Mycologia</i> , 2015, 107, 432-439.	1.9	12
43	Chytrid Diversity of Tuscaloosa County, Alabama. <i>Southeastern Naturalist</i> , 2013, 12, 666-683.	0.4	10
44	<i>Irineochytrium</i> , a new genus in Chytridiales having zoospores and aplanospores. <i>Mycologia</i> , 2014, 106, 1188-1198.	1.9	7
45	Phylogenetic Diversity of Chytridiomycetes in a Temporary Forest Pond Surveyed Using Culture-Based Methods. <i>Southeastern Naturalist</i> , 2016, 15, 534-548.	0.4	6
46	Inventory of chytrid diversity in two temporary forest ponds using a multiphasic approach. <i>Mycologia</i> , 2018, 110, 811-821.	1.9	6
47	6. Phylogeny and characterization of freshwater Chytridiomycota ( <i>Chytridiomycetes</i> and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50		
48	<i>Borealophlyctis nickersoniae</i> , a new species in Rhizophlyctidales. <i>Mycologia</i> , 2016, 108, 744-752.	1.9	5
49	Ultrastructure of early stages of <i>Rozella allomycis</i> (Cryptomycota) infection of its host, <i>Allomyces macrogynus</i> (Blastocladiomycota). <i>Fungal Biology</i> , 2019, 123, 109-116.	2.5	5
50	Morphology, zoospore ultrastructure, and molecular position of taxa in the <i>Asterophlyctis</i> lineage (Chytridiales, Chytridiomycota). <i>Fungal Biology</i> , 2018, 122, 1109-1123.	2.5	3
51	Three new genera of soil-inhabiting chytrids in Spizellomycetaceae (Chytridiomycota). <i>Nova Hedwigia</i> , 2018, 107, 105-129.	0.4	3
52	Morphology, zoospore ultrastructure, and phylogenetic position of <i>Polyphlyctis willoughbyi</i> , a new species in Chytridiales (Chytridiomycota). <i>Fungal Biology</i> , 2018, 122, 1171-1183.	2.5	2
53	Cytochemical Localization of Polyphenol Oxidase Activity in K2â€œBodies of <i>Saprolegnia ferax</i> Secondary Zoospores. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 404-412.	1.7	0