

# Leena Myllys

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,744  
citations

279798

23  
h-index

276875

41  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1364  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multigene phylogenetic synthesis for the class Lecanoromycetes (Ascomycota): 1307 fungi representing 1139 infrageneric taxa, 317 genera and 66 families. <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 132-168.	2.7	248
2	Sequence Insertions and ITS Data Provide Congruent Information on <i>Roccella canariensis</i> and <i>R. tuberculata</i> (Arthoniales, Euascomycetes) Phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 1999, 12, 295-309.	2.7	111
3	Phylogeny of the Genus <i>Cladonia</i> s.lat. (Cladoniaceae, Ascomycetes) Inferred from Molecular, Morphological, and Chemical Data. <i>Cladistics</i> , 2002, 18, 237-278.	3.3	105
4	Evolution of complex symbiotic relationships in a morphologically derived family of lichen-forming fungi. <i>New Phytologist</i> , 2015, 208, 1217-1226.	7.3	105
5	[beta]-Tubulin, ITS and Group I Intron Sequences Challenge the Species Pair Concept in <i>Physcia aipolia</i> and <i>P. caesia</i> . <i>Mycologia</i> , 2001, 93, 335.	1.9	89
6	Multiple origins of symbioses between ascomycetes and bryophytes suggested by a five-gene phylogeny. <i>Cladistics</i> , 2010, 26, 281-300.	3.3	89
7	New Genes for Phylogenetic Studies of Lichenized Fungi: Glyceraldehyde-3-Phosphate Dehydrogenase and Beta-Tubulin Genes. <i>Lichenologist</i> , 2002, 34, 237-246.	0.8	73
8	Phylogeny of cetrarioid lichens (Parmeliaceae) inferred from ITS and b-tubulin sequences, morphology, anatomy and secondary chemistry. <i>Mycological Progress</i> , 2002, 1, 335-354.	1.4	60
9	Monophyletic groups within the Parmeliaceae identified by ITS rDNA, $\beta$ -tubulin and GAPDH sequences. <i>Mycological Progress</i> , 2004, 3, 297-314.	1.4	59
10	Phylogeny of bipolar <i>Cladonia arbuscula</i> and <i>Cladonia mitis</i> (Lecanorales, Euascomycetes). <i>Molecular Phylogenetics and Evolution</i> , 2003, 27, 58-69.	2.7	54
11	High cyanobiont selectivity of epiphytic lichens in old growth boreal forest of Finland. <i>New Phytologist</i> , 2007, 173, 621-629.	7.3	50
12	Culture experiments and DNA sequence data confirm the identity of <i>Lobaria photomorpha</i> . <i>Canadian Journal of Botany</i> , 2003, 81, 232-247.	1.1	47
13	Phylogeny of the genus <i>Bryoria</i> . <i>Lichenologist</i> , 2011, 43, 617-638.	0.8	47
14	Molecular data show that <i>Bryoria fremontii</i> and <i>B. tortuosa</i> (Parmeliaceae) are conspecific. <i>Lichenologist</i> , 2009, 41, 231-242.	0.8	44
15	Phylogeny of the cetrarioid core (Parmeliaceae) based on five genetic markers. <i>Lichenologist</i> , 2009, 41, 489-511.	0.8	43
16	Phylogeny and taxonomy of the <i>Manina lichens</i> . <i>Mycological Progress</i> , 2013, 12, 231-269.	1.4	41
17	Taxonomy of <i>Bryoria</i> Section <i>Implexae</i> (Parmeliaceae, Lecanoromycetes) in North America and Europe, Based on Chemical, Morphological and Molecular Data. <i>Annales Botanici Fennici</i> , 2014, 51, 345-371.	0.1	41
18	Phylogenetic hypotheses: Cladoniaceae, Stereocaulaceae, Baeomycetaceae, and Icmadophilaceae revisited. <i>Mycological Progress</i> , 2002, 1, 267-282.	1.4	38

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19	Alectorioid Morphologies in Paleogene Lichens: New Evidence and Re-Evaluation of the Fossil <i>Alectoria succini</i> MÅgdefrau. PLoS ONE, 2015, 10, e0129526.	2.5	36
20	High selectivity in symbiotic associations of lichenized ascomycetes and cyanobacteria. Cladistics, 2006, 22, 230-238.	3.3	35
21	Cladistic analysis of <i>Echinodorus</i> (Alismataceae): simultaneous analysis of molecular and morphological data. Cladistics, 2008, 24, 218-239.	3.3	29
22	Four new epiphytic species in the <i>Micarea prasina</i> group from Europe. Lichenologist, 2019, 51, 7-25.	0.8	26
23	Phylogenetic relationships of Stereocaulaceae based on simultaneous analysis of beta-tubulin, GAPDH and SSU rDNA sequences. Taxon, 2005, 54, 605-618.	0.7	25
24	Successful DNA sequencing of a 75 year-old herbarium specimen of <i>Aspicilia aschabadensis</i> (J. Steiner) Mereschk.. Lichenologist, 2010, 42, 626-628.	0.8	23
25	High fungal selectivity for algal symbionts in the genus <i>Bryoria</i> . Lichenologist, 2014, 46, 681-695.	0.8	23
26	Sharpening species boundaries in the <i>Micarea prasina</i> group, with a new circumscription of the type species <i>M. prasina</i> . Mycologia, 2019, 111, 574-592.	1.9	22
27	The phylogenetic analysis of fungi associated with lichenized ascomycete genus <i>Bryoria</i> reveals new lineages in the Tremellales including a new species <i>Tremella huuskonenii</i> hyperparasitic on <i>Phacopsis huuskonenii</i> . Fungal Biology, 2015, 119, 844-856.	2.5	20
28	<i>Gowardia</i> (Parmeliaceae) – a new alectorioid lichen genus with two species. Bryologist, 2009, 112, 138-146.	0.6	17
29	New Entities in <i>Physcia aipolia</i> – <i>P. caesia</i> Group (Physciaceae, Ascomycetes): An Analysis Based on mtSSU, ITS, Group I Intron and Betatubulin Sequences. Annales Botanici Fennici, 2009, 46, 43-53.	0.1	15
30	Taxonomic delimitation of the genera <i>Bryoria</i> and <i>Sulcaria</i> , with a new combination <i>Sulcaria spiralifera</i> introduced. Lichenologist, 2014, 46, 737-752.	0.8	14
31	Phylogenetic position of the crustose <i>Stereocaulon</i> species. Lichenologist, 2014, 46, 103-114.	0.8	13
32	Variable sizes of introns in the SSU rDNA in three species of <i>Roccella</i> (Arthoniales, Euascomycetes). Current Genetics, 1999, 36, 79-85.	1.7	12
33	<i>Micarea fennica</i> , a new lignicolous lichen species from Finland. Phytotaxa, 2019, 409, 179-188.	0.3	11
34	Characterization of Microsatellite Loci in Lichen-Forming Fungi of <i>Bryoria</i> Section <i>Implexae</i> (Parmeliaceae). Applications in Plant Sciences, 2014, 2, 1400037.	2.1	10
35	Chemical diversity and ecology of the genus <i>Bryoria</i> section <i>Implexae</i> (Parmeliaceae) in Finland. Bryologist, 2016, 119, 29.	0.6	9
36	Four new species of <i>Verrucaria</i> from calcareous rocks in Finland. Lichenologist, 2017, 49, 27-37.	0.8	8

#	ARTICLE	IF	CITATIONS
37	Three new species of <i>Atla</i> from calcareous rocks ( <i>Verrucariaceae</i> , lichenized) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.8	7
38	General Collections Policy of the Finnish Museum of Natural History. Research Ideas and Outcomes, 0, 6, .	1.0	7
39	<i>Verrucaria ahtii</i> , <i>V. oulankaensis</i> and <i>V. vitikainenii</i> , three new species from the <i>Endocarpon</i> group ( <i>Verrucariaceae</i> , lichenized Ascomycota). Lichenologist, 2017, 49, 107-116.	0.8	6
40	<i>Verrucaria tenebrosa</i> ( <i>Verrucariaceae</i> ), a new lichen species from Finland and Norway, and notes on the taxonomy of epiphytic taxa belonging to the <i>V. hydrophila</i> complex. Phytotaxa, 2018, 361, 211.	0.3	6
41	Four new <i>Micarea</i> species from the montane cloud forests of Taita Hills, Kenya. Lichenologist, 2021, 53, 81-94.	0.8	5
42	Taxonomy of the <i>Verrucaria kalenskyi</i> – <i>V. xyloxena</i> species complex in Finland. Nova Hedwigia, 2019, 109, 489-511.	0.4	5
43	Taxonomy of <i>Verrucaria</i> species characterised by large spores, perithecia leaving pits in the rock and a pale thin thallus in Finland. MycoKeys, 2020, 72, 43-92.	1.9	4
44	<i>Bryoria rigida</i> , a new Asian lichen species from the Himalayan region. Lichenologist, 2012, 44, 777-781.	0.8	3
45	New species in <i>Bryoria</i> ( <i>Parmeliaceae</i> , Lecanoromycetes) from north-west North America. Lichenologist, 2016, 48, 355-365.	0.8	3
46	Palaeontology Collection Policy. Research Ideas and Outcomes, 0, 7, .	1.0	3
47	(2675) Proposal to conserve <i>Alectoria fuscescens</i> ( <i>Bryoria fuscescens</i> ), nom. cons., against the additional names <i>Usnea implexa</i> , <i>Alectoria capillaris</i> , <i>A. cana</i> , <i>A. rubens</i> , <i>A. fuscidula</i> , <i>A. degenii</i> , <i>A. forissii</i> , <i>A. ostrobotniae</i> , <i>A. kuemmerleana</i> , <i>A. haynaldiae</i> , <i>A. achariana</i> , <i>A. lanestris</i> , <i>A. prostratosteola</i> , and <i>A. viridescens</i> ( <i>Fungi</i> , <i>Ascomycota</i> , <i>Lecanorales</i> .) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.7	1
48	Herbarium collections policy of the Finnish Museum of Natural History. Research Ideas and Outcomes, 0, 6, .	1.0	1
49	Lichen speciation is sparked by a substrate requirement shift and reproduction mode differentiation. Scientific Reports, 2022, 12, .	3.3	1
50	The Genomic Resources Collection Policy of the Finnish Museum of Natural History. Research Ideas and Outcomes, 0, 7, .	1.0	0
51	Living plant collections policy of the Finnish Museum of Natural History. Research Ideas and Outcomes, 0, 6, .	1.0	0