Leena Myllys

List of Publications by Year
in descending order

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51 papers	1,744 citations	279487 23 h-index	276539 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. Molecular Phylogenetics and Evolution, 2014, 79, 132-168.	1.2	248
2	Sequence Insertions and ITS Data Provide Congruent Information on Roccella canariensis and R. tuberculata (Arthoniales, Euascomycetes) Phylogeny. Molecular Phylogenetics and Evolution, 1999, 12, 295-309.	1.2	111
3	Phylogeny of the Genus Cladonia s.lat. (Cladoniaceae, Ascomycetes) Inferred from Molecular, Morphological, and Chemical Data. Cladistics, 2002, 18, 237-278.	1.5	105
4	Evolution of complex symbiotic relationships in a morphologically derived family of lichenâ€forming fungi. New Phytologist, 2015, 208, 1217-1226.	3.5	105
5	[beta]-Tubulin, ITS and Group I Intron Sequences Challenge the Species Pair Concept in Physcia aipolia and P. caesia. Mycologia, 2001, 93, 335.	0.8	89
6	Multiple origins of symbioses between ascomycetes and bryophytes suggested by a fiveâ€gene phylogeny. Cladistics, 2010, 26, 281-300.	1.5	89
7	New Genes for Phylogenetic Studies of Lichenized Fungi: Glyceraldehyde-3-Phosphate Dehydrogenase and Beta-Tubulin Genes. Lichenologist, 2002, 34, 237-246.	0.5	73
8	Phylogeny of cetrarioid lichens (Parmeliaceae) inferred from ITS and b-tubulin sequences, morphology, anatomy and secondary chemistry. Mycological Progress, 2002, 1, 335-354.	0.5	60
9	Monophyletic groups within the Parmeliaceae identified by ITS rDNA, Î²-tubulin and GAPDH sequences. Mycological Progress, 2004, 3, 297-314.	0.5	59
10	Phylogeny of bipolar Cladonia arbuscula and Cladonia mitis (Lecanorales, Euascomycetes). Molecular Phylogenetics and Evolution, 2003, 27, 58-69.	1.2	54
11	High cyanobiont selectivity of epiphytic lichens in old growth boreal forest of Finland. New Phytologist, 2007, 173, 621-629.	3.5	50
12	Culture experiments and DNA sequence data confirm the identity of Lobaria photomorphs. Canadian Journal of Botany, 2003, 81, 232-247.	1.2	47
13	Phylogeny of the genusBryoria. Lichenologist, 2011, 43, 617-638.	0.5	47
14	Molecular data show thatBryoria fremontiiandB. tortuosa(Parmeliaceae) are conspecific. Lichenologist, 2009, 41, 231-242.	0.5	44
15	Phylogeny of the cetrarioid core (Parmeliaceae) based on five genetic markers. Lichenologist, 2009, 41, 489-511.	0.5	43
16	Phylogeny and taxonomy of the â€˜manna lichensâ€™. Mycological Progress, 2013, 12, 231-269.	0.5	41
17	Taxonomy ofBryoriaSectionImplexae(Parmeliaceae, Lecanoromycetes) in North America and Europe, Based on Chemical, Morphological and Molecular Data. Annales Botanici Fennici, 2014, 51, 345-371.	0.0	41
18	Phylogenetic hypotheses: Cladoniaceae, Stereocaulaceae, Baeomycetaceae, and Icmadophilaceae revisited. Mycological Progress, 2002, 1, 267-282.	0.5	38

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19	Alectorioid Morphologies in Paleogene Lichens: New Evidence and Re-Evaluation of the Fossil Alectoria succini MÃgdefrau. PLoS ONE, 2015, 10, e0129526.	1.1	36
20	High selectivity in symbiotic associations of lichenized ascomycetes and cyanobacteria. Cladistics, 2006, 22, 230-238.	1.5	35
21	Cladistic analysis of Echinodorus (Alismataceae): simultaneous analysis of molecular and morphological data. Cladistics, 2008, 24, 218-239.	1.5	29
22	Four new epiphytic species in theMicarea prasinagroup from Europe. Lichenologist, 2019, 51, 7-25.	0.5	26
23	Phylogenetic relationships of Stereocaulaceae based on simultaneous analysis of betaâ€tubulin, GAPDH and SSU rDNA sequences. Taxon, 2005, 54, 605-618.	0.4	25
24	Successful DNA sequencing of a 75 year-old herbarium specimen of Aspicilia aschabadensis (J. Steiner) Mereschk.. Lichenologist, 2010, 42, 626-628.	0.5	23
25	High fungal selectivity for algal symbionts in the genusBryoria. Lichenologist, 2014, 46, 681-695.	0.5	23
26	Sharpening species boundaries in the Micarea prasina group, with a new circumscription of the type species M. prasina. Mycologia, 2019, 111, 574-592.	0.8	22
27	The phylogenetic analysis of fungi associated with lichenized ascomycete genus Bryoria reveals new lineages in the Tremellales including a new species Tremella huuskonenii hyperparasitic on Phacopsis huuskonenii. Fungal Biology, 2015, 119, 844-856.	1.1	20
28	Gowardia (Parmeliaceae)â€"a new alectorioid lichen genus with two species. Bryologist, 2009, 112, 138-146.	0.1	17
29	New Entities inPhyscia aipoliaâ€"P. caesiaGroup (Physciaceae, Ascomycetes): An Analysis Based on mtSSU, ITS, Group I Intron and Betatubulin Sequences. Annales Botanici Fennici, 2009, 46, 43-53.	0.0	15
30	Taxonomic delimitation of the genera Bryoria and Sulcaria, with a new combination Sulcaria spiralifera introduced. Lichenologist, 2014, 46, 737-752.	0.5	14
31	Phylogenetic position of the crustose Stereocaulon species. Lichenologist, 2014, 46, 103-114.	0.5	13
32	Variable sizes of introns in the SSU rDNA in three species of Roccella (Arthoniales, Euascomycetes). Current Genetics, 1999, 36, 79-85.	0.8	12
33	Micarea fennica, a new lignicolous lichen species from Finland. Phytotaxa, 2019, 409, 179-188.	0.1	11
34	Characterization of Microsatellite Loci in Lichen-Forming Fungi ofBryoriaSectionImplexae(Parmeliaceae). Applications in Plant Sciences, 2014, 2, 1400037.	0.8	10
35	Chemical diversity and ecology of the genus Bryoria section Implexae (Parmeliaceae) in Finland. Bryologist, 2016, 119, 29.	0.1	9
36	Four new species of Verrucaria from calcareous rocks in Finland. Lichenologist, 2017, 49, 27-37.	0.5	8

#	Article	IF	Citations
37	Three new species ofAtlafrom calcareous rocks (Verrucariaceae, lichenized) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.5	7
38	General Collections Policy of the Finnish Museum of Natural History. Research Ideas and Outcomes, 0, 6, .	1.0	7
39	Verrucaria ahtii, V. oulankaensis and V. vitikainenii, three new species from the Endocarpon group (Verrucariaceae, lichenized Ascomycota). Lichenologist, 2017, 49, 107-116.	0.5	6
40	Verrucaria tenebrosa (Verrucariaceae), a new lichen species from Finland and Norway, and notes on the taxonomy of epiphytic taxa belonging to the V. hydrophila complex. Phytotaxa, 2018, 361, 211.	0.1	6
41	Four new Micarea species from the montane cloud forests of Taita Hills, Kenya. Lichenologist, 2021, 53, 81-94.	0.5	5
42	Taxonomy of the Verrucaria kalenskyi â€“ V. xyloxena species complex in Finland. Nova Hedwigia, 2019, 109, 489-511.	0.2	5
43	Taxonomy of Verrucaria species characterised by large spores, perithecia leaving pits in the rock and a pale thin thallus in Finland. MycoKeys, 2020, 72, 43-92.	0.8	4
44	Bryoria rigida, a new Asian lichen species from the Himalayan region. Lichenologist, 2012, 44, 777-781.	0.5	3
45	New species in Bryoria (Parmeliaceae, Lecanoromycetes) from north-west North America. Lichenologist, 2016, 48, 355-365.	0.5	3
46	Palaeontology Collection Policy. Research Ideas and Outcomes, 0, 7, .	1.0	3
47	(2675) Proposal to conserve Alectoria fuscescens (Bryoria fuscescens), nom. cons., against the additional names Usnea implexa, Alectoria capillaris, A. cana, A. rubens, A. fuscidula, A. degenii, A. forissii, A. ostrobotniae, A. kuemmerleana, A. haynaldiae, A. achariana, A. lanestris, A. prostratosteola, and A. viridescens (Fungi, Ascomycota, Lecanorales.) Tj ETQq1 1 0.784314 rgBT /Ove	0.4	1
48	Herbarium collections policy of theÂFinnish 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, .	1.6	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