

# Ellen Larsson

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

9,213  
citations

218677

26  
h-index

155660

55  
g-index

58  
all docs

58  
docs citations

58  
times ranked

9848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a unified paradigm for sequence-based identification of fungi. <i>Molecular Ecology</i> , 2013, 22, 5271-5277.	3.9	2,997
2	The UNITE database for molecular identification of fungi – recent updates and future perspectives. <i>New Phytologist</i> , 2010, 186, 281-285.	7.3	1,563
3	UNITE: a database providing web-based methods for the molecular identification of ectomycorrhizal fungi. <i>New Phytologist</i> , 2005, 166, 1063-1068.	7.3	912
4	One hundred and seventeen clades of euagarics. <i>Molecular Phylogenetics and Evolution</i> , 2002, 23, 357-400.	2.7	583
5	Fungal diversity notes 111 – taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2015, 75, 27-274.	12.3	375
6	The phylogenetic distribution of resupinate forms across the major clades of mushroom-forming fungi (Homobasidiomycetes). <i>Systematics and Biodiversity</i> , 2005, 3, 113-157.	1.2	340
7	Phylogenetic and phylogenomic overview of the Polyporales. <i>Mycologia</i> , 2013, 105, 1350-1373.	1.9	259
8	High phylogenetic diversity among corticioid homobasidiomycetes. <i>Mycological Research</i> , 2004, 108, 983-1002.	2.5	250
9	Five simple guidelines for establishing basic authenticity and reliability of newly generated fungal ITS sequences. <i>MycoKeys</i> , 0, 4, 37-63.	1.9	157
10	Phylogenetic relationships of russuloid basidiomycetes with emphasis on aphyllorphorean taxa. <i>Mycologia</i> , 2003, 95, 1037-1065.	1.9	140
11	Diversity and community structure of ectomycorrhizal fungi in a wooded meadow. <i>Mycological Research</i> , 2006, 110, 734-748.	2.5	137
12	The cantharelloid clade: dealing with incongruent gene trees and phylogenetic reconstruction methods. <i>Mycologia</i> , 2006, 98, 937-948.	1.9	135
13	Improving ITS sequence data for identification of plant pathogenic fungi. <i>Fungal Diversity</i> , 2014, 67, 11-19.	12.3	123
14	Molecular phylogeny, morphology, pigment chemistry and ecology in Hygrophoraceae (Agaricales). <i>Fungal Diversity</i> , 2014, 64, 1-99.	12.3	108
15	Perspectives in the new Russulales. <i>Mycologia</i> , 2006, 98, 960-970.	1.9	90
16	The Global Museum: natural history collections and the future of evolutionary science and public education. <i>PeerJ</i> , 2020, 8, e8225.	2.0	81
17	Comprehensive taxon sampling reveals unaccounted diversity and morphological plasticity in a group of dimorphic polypores (Polyporales, Basidiomycota). <i>Cladistics</i> , 2012, 28, 251-270.	3.3	78
18	Introducing ribosomal tandem repeat barcoding for fungi. <i>Molecular Ecology Resources</i> , 2019, 19, 118-127.	4.8	78

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19	Fourteen coprophilous species of <i>Psathyrella</i> identified in the Nordic countries using morphology and nuclear rDNA sequence data. <i>Mycological Research</i> , 2008, 112, 1165-1185.	2.5	68
20	Ectomycorrhizal Diversity on <i>Dryas octopetala</i> and <i>Salix reticulata</i> in an Alpine Cliff Ecosystem. <i>Arctic, Antarctic, and Alpine Research</i> , 2009, 41, 506-514.	1.1	67
21	Controversy over <i>Hygrophorus cossus</i> settled using ITS sequence data from 200 year-old type material. <i>Mycological Research</i> , 2004, 108, 781-786.	2.5	52
22	Phylogenetic relationships among species and genera of <i>Lycoperdaceae</i> based on ITS and LSU sequence data from north European taxa. <i>Mycological Research</i> , 2008, 112, 4-22.	2.5	50
23	An evolutionary perspective on morphological and ecological characters in the mushroom family <i>Inocybaceae</i> (Agaricomycotina, Fungi). <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 431-442.	2.7	49
24	Stipitate stereoid basidiocarps have evolved multiple times. <i>Mycologia</i> , 2012, 104, 1046-1055.	1.9	45
25	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. <i>IMA Fungus</i> , 2018, 9, 167-175.	3.8	45
26	Molecular phylogenetics and taxonomy in <i>Psathyrellaceae</i> (Agaricales) with focus on psathyrelloid species: introduction of three new genera and 18 new species. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	40
27	Fruiting body-guided molecular identification of root-tip mantle mycelia provides strong indications of ectomycorrhizal associations in two species of <i>Sistotrema</i> (Basidiomycota). <i>Mycological Research</i> , 2006, 110, 1426-1432.	2.5	38
28	The evolution of autodigestion in the mushroom family <i>Psathyrellaceae</i> (Agaricales) inferred from Maximum Likelihood and Bayesian methods. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 1037-1048.	2.7	27
29	Phylogenetic studies in <i>Peniophora</i> . <i>Mycological Research</i> , 1996, 100, 179-187.	2.5	26
30	European earthstars in <i>Geastraceae</i> (Geastrales, Phallomycetidae) – a systematic approach using morphology and molecular sequence data. <i>Systematics and Biodiversity</i> , 2013, 11, 437-465.	1.2	26
31	<i>Lyophyllum shimeji</i> , a species associated with lichen pine forest in northern Fennoscandia. <i>Mycoscience</i> , 2011, 52, 289-295.	0.8	25
32	<i>Inocybe leiocephala</i> , a species with an intercontinental distribution range: Disentangling the <i>I. leiocephala</i> - <i>subbrunnea</i> - <i>catalaunica</i> morphological species complex. <i>Karstenia</i> , 2014, 54, 15-39.	0.4	22
33	Unexpected high species diversity among European stalked puffballs – a contribution to the phylogeny and taxonomy of the genus <i>Tulostoma</i> (Agaricales). <i>MycKeys</i> , 0, 21, 33-88.	1.9	17
34	Genus revisions and new combinations of some North European polypores. <i>Karstenia</i> , 2005, 45, 75-80.	0.4	16
35	Phylogenetic taxonomy of <i>Hymenochaete</i> and related genera (Hymenochaetales). <i>Mycological Progress</i> , 2014, 13, 55-64.	1.4	15
36	<i>Inocybe praetervisa</i> group – A clade of four closely related species with partly different geographical distribution ranges in Europe. <i>Mycoscience</i> , 2018, 59, 277-287.	0.8	14

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37	Stereopsidales - A New Order of Mushroom-Forming Fungi. PLoS ONE, 2014, 9, e95227.	2.5	13
38	Mating biology in <i>Peniophora cinerea</i> (Basidiomycetes). Canadian Journal of Botany, 1992, 70, 1758-1764.	1.1	11
39	On the <i>Hyphoderma praetermissum</i> complex. Mycological Research, 1994, 98, 1012-1018.	2.5	11
40	New species of <i>Moristroma</i> (Ascomycetes) and phylogenetic position of the genus. Mycological Progress, 2005, 4, 325-332.	1.4	11
41	Reassessment of the generic limits for <i>Hydnellum</i> and <i>Sarcodon</i> (Thelephorales, Basidiomycota). MycoKeys, 2019, 54, 31-47.	1.9	11
42	Nodulose-spored <i>Inocybe</i> from the Rocky Mountain alpine zone molecularly linked to European and type specimens. Mycologia, 2020, 112, 133-153.	1.9	10
43	Differences in Cultural Characters and Electrophoretic Patterns among Sibling Species in Four Different Species Complexes (Corticiaceae, Basidiomycetes). Mycologia, 1991, 83, 131.	1.9	9
44	<i>Lycoperdon rupicola</i> and <i>L. subumbrinum</i> : two new puffballs from Europe. Mycological Progress, 2012, 11, 887-897.	1.4	9
45	Fungal communities in groundwater springs along the volcanic zone of Iceland. Inland Waters, 2020, 10, 418-427.	2.2	9
46	Species Delimitation in the <i>Gloeocystidiellum porosum-clavuligerum</i> Complex Inferred from Compatibility Studies and Nuclear rDNA Sequence Data. Mycologia, 2001, 93, 907.	1.9	8
47	Taxonomy, ecology and phylogenetic relationships of <i>Bovista pusilla</i> and <i>B. limosa</i> in North Europe. Mycological Progress, 2009, 8, 289-299.	1.4	8
48	<i>Inocybe myriadophylla</i> , a new species from Finland and Sweden. Karstenia, 2011, 51, 31-36.	0.4	8
49	<i>Inocybe lemmi</i> , a new species of section <i>Marginatae</i> from the alpine region of Sweden. Karstenia, 2017, 57, 1-9.	0.4	7
50	On taxonomy of <i>Phlebia livida</i> . Mycological Research, 1993, 97, 351-354.	2.5	6
51	Phylogenetic relationships in <i>Hypomyces</i> and allied genera, with emphasis on species growing on wood-decaying homobasidiomycetes. Canadian Journal of Botany, 2000, 77, 1756-1768.	1.1	6
52	New species and reports of <i>Cuphophyllus</i> from northern North America compared with related Eurasian species. Mycologia, 2020, 112, 438-452.	1.9	6
53	Diversity within the <i>Hygrophorus agathosmus</i> group (Basidiomycota, Agaricales) in Northern Europe. Mycological Progress, 2018, 17, 1293-1304.	1.4	5
54	<i>Hygrophorus exiguus</i> , a new species in subgenus <i>Colorati</i> section <i>Olivageoumbrini</i> , subsection <i>Tephroleuci</i> . Karstenia, 2014, 54, 41-48.	0.4	5

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55	Solving the taxonomic identity of <i>Pseudotomentella tristis</i> s.l. (Thelephorales, Basidiomycota) – a multi-gene phylogeny and taxonomic review, integrating ecological and geographical data. <i>MycKeys</i> , 2019, 50, 1-77.	1.9	5
56	<i>Hygrophorus betulae</i> , a new species described from subalpine birch forest in Finland. <i>Karstenia</i> , 2020, 58, 1-9.	0.4	3
57	Evidence for further non-coding RNA genes in the fungal rDNA region. <i>MycKeys</i> , 0, 90, 203-213.	1.9	3
58	<i>Pseudotomentella badjelanndana</i> , <i>Pseudotomentella sorjusensis</i> and <i>Tomentella viridibasidia</i> – three new corticioid Thelephorales species from the Scandes Mountains. <i>Phytotaxa</i> , 2021, 497, 61-78.	0.3	1