Karl-Henrik Larsson

List of Publications by Year
in descending order

82 papers	17,621 citations	94433 37 h-index	58581 82 g-index
82 all docs	82 docs citations	82 times ranked	16120 citing authors

#	Article	IF	Citations
1	Allophlebia, a new genus to accomodate Phlebia ludoviciana (Agaricomycetes, Polyporales). Mycological Progress, 2022, 21, .	1.4	3
2	Multigene phylogeny and taxonomic revision of Atheliales s.l.: Reinstatement of three families and one new family, Lobuliciaceae fam. nov.. Fungal Biology, 2021, 125, 239-255.	2.5	12
3	Additions to Trechispora and the status of Scytinopogon (Trechisporales, Basidiomycota). Mycological Progress, 2021, 20, 203-222.	1.4	14
4	Pseudotomentella badjelanndana, Pseudotomentella sorjusensis and Tomentella viridibasidiaâ€”three new corticioid Thelephorales species from the Scandes Mountains . Phytotaxa, 2021, 497, 61-78.	0.3	1
5	On Sistotremastrum and similar-looking taxa (Trechisporales, Basidiomycota). Mycological Progress, 2021, 20, 453-476.	1.4	3
6	Competing sexual-asexual generic names in Agaricomycotina (Basidiomycota) with recommendations for use. IMA Fungus, 2021, 12, 22.	3.8	11
7	Taxonomic novelties in Trechispora (Trechisporales, Basidiomycota) from Brazil. Mycological Progress, 2020, 19, 1403-1414.	1.4	10
8	The Taxon Hypothesis Paradigmâ€”On the Unambiguous Detection and Communication of Taxa. Microorganisms, 2020, 8, 1910.	3.6	114
9	Morphologically similar but not closely related: the long-spored species of Subulicystidium (Trechisporales, Basidiomycota). Mycological Progress, 2020, 19, 691-703.	1.4	5
10	FungalTraits: a user-friendly traits database of fungi and fungus-like stramenopiles. Fungal Diversity, 2020, 105, 1-16.	12.3	387
11	New and Noteworthy Species of Helicogloea (Atractiellomycetes, Basidiomycota) from Europe. Annales Botanici Fennici, 2020, 57, 1.	0.1	4
12	Studies in Basidiodendron eyrei and similar-looking taxa (Auriculariales, Basidiomycota). Botany, 2020, 98, 623-638.	1.0	3
13	Two new genera and six other novelties in Heterochaete sensu lato (Auriculariales, Basidiomycota). Botany, 2019, 97, 439-451.	1.0	11
14	Morphological plasticity in brown-rot fungi: Antrodia is redefined to encompass both poroid and corticioid species. Mycologia, 2019, 111, 871-883.	1.9	12
15	On Protomerulius and Heterochaetella (Auriculariales, Basidiomycota). Mycological Progress, 2019, 18, 1079-1099.	1.4	11
16	A convolute diversity of the Auriculariales (Agaricomycetes , Basidiomycota) with sphaeropedunculate basidia. Nordic Journal of Botany, 2019, 37, .	0.5	10
17	On Craterocolla and Ditangium (Sebacinales, Basidiomycota). Mycological Progress, 2019, 18, 753-762.	1.4	4
18	Studies in the Stypella vermiformis group (Auriculariales, Basidiomycota). Antonie Van Leeuwenhoek, 2019, 112, 753-764.	1.7	5

#	Article	IF	Citations
19	The UNITE database for molecular identification of fungi: handling dark taxa and parallel taxonomic classifications. Nucleic Acids Research, 2019, 47, D259-D264.	14.5	2,072
20	Solving the taxonomic identity of Pseudotomentella tristis s.l. (Thelephorales, Basidiomycota) â€“ a multi-gene phylogeny and taxonomic review, integrating ecological and geographical data. MycoKeys, 2019, 50, 1-77.	1.9	5
21	Reassessment of the generic limits for Hydnellum and Sarcodon (Thelephorales, Basidiomycota). MycoKeys, 2019, 54, 31-47.	1.9	11
22	Studies in the Phaeotremella foliacea group (Tremellomycetes, Basidiomycota). Mycological Progress, 2018, 17, 451-466.	1.4	14
23	Revision of Protohydnum (Auriculariales, Basidiomycota). Mycological Progress, 2018, 17, 805-814.	1.4	12
24	Cryptic Species â€“ More Than Terminological Chaos: A Reply to Heethoff. Trends in Ecology and Evolution, 2018, 33, 310-312.	8.7	20
25	On some forgotten species of Exidia and Myxarium (Auriculariales, Basidiomycota). Nordic Journal of Botany, 2018, 36, njb-01601.	0.5	10
26	Finding Evolutionary Processes Hidden in Cryptic Species. Trends in Ecology and Evolution, 2018, 33, 153-163.	8.7	340
27	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. IMA Fungus, 2018, 9, 167-175.	3.8	45
28	Short-spored Subulicystidium (Trechisporales, Basidiomycota): high morphological diversity and only partly clear species boundaries. MycoKeys, 2018, 35, 41-99.	1.9	11
29	Additions to the taxonomy of Lagarobasidium and Xylodon (Hymenochaetales, Basidiomycota). MycoKeys, 2018, 41, 65-90.	1.9	21
30	What is the type species of Phanerochaete (Polyporales, Basidiomycota)?. Mycological Progress, 2017, 16, 171-183.	1.4	11
31	Survey of corticioid fungi in North American pinaceous forests reveals hyperdiversity, underpopulated sequence databases, and species that are potentially ectomycorrhizal. Mycologia, 2017, 109, 115-127.	1.9	31
32	A revised family-level classification of the Polyporales (Basidiomycota). Fungal Biology, 2017, 121, 798-824.	2.5	190
33	Aphyllophoroid fungi in insular woodlands of eastern Ukraine. Biodiversity Data Journal, 2017, 5, e22426.	0.8	4
34	New records of intrahymenial heterobasidiomycetes (Basidiomycota) in north Europe. Nordic Journal of Botany, 2016, 34, 475-477.	0.5	8
35	Comparative Genomics of Early-Diverging Mushroom-Forming Fungi Provides Insights into the Origins of Lignocellulose Decay Capabilities. Molecular Biology and Evolution, 2016, 33, 959-970.	8.9	213
36	Two new Trechispora species from La RÃ©union Island. Mycological Progress, 2015, 14, 1.	1.4	11

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37	Stereopsidales - A New Order of Mushroom-Forming Fungi. PLoS ONE, 2014, 9, e95227.	2.5	13
38	Global diversity and geography of soil fungi. Science, 2014, 346, 1256688.	12.6	2,513
39	Improving ITS sequence data for identification of plant pathogenic fungi. Fungal Diversity, 2014, 67, 11-19.	12.3	123
40	Species associations during the succession of wood-inhabiting fungal communities. Fungal Ecology, 2014, 11, 17-28.	1.6	91
41	Towards a unified paradigm for sequenceâ€based identification of fungi. Molecular Ecology, 2013, 22, 5271-5277.	3.9	2,997
42	Phylogenetic and phylogenomic overview of the Polyporales. Mycologia, 2013, 105, 1350-1373.	1.9	259
43	Molecular analyses confirm Brevicellicium in Trechisporales. IMA Fungus, 2013, 4, 21-28.	3.8	23
44	Stipitate stereoid basidiocarps have evolved multiple times. Mycologia, 2012, 104, 1046-1055.	1.9	45
45	Morphology, anatomy, and molecular studies of the ectomycorrhiza formed axenically by the fungus Sistotrema sp. (Basidiomycota). Mycological Progress, 2012, 11, 817-826.	1.4	14
46	Comprehensive taxon sampling reveals unaccounted diversity and morphological plasticity in a group of dimitic polypores (Polyporales, Basidiomycota). Cladistics, 2012, 28, 251-270.	3.3	78
47	Tretomyces gen. novum, Byssocorticium caeruleum sp. nova, and New Combinations inDendrotheleandPseudomerulius(Basidiomycota). Annales Botanici Fennici, 2011, 48, 37-48.	0.1	12
48	Legacies from natural forest dynamics: Different effects of forest management on wood-inhabiting fungi in pine and spruce forests. Forest Ecology and Management, 2011, 261, 1707-1721.	3.2	54
49	Tidying Up International Nucleotide Sequence Databases: Ecological, Geographical and Sequence Quality Annotation of ITS Sequences of Mycorrhizal Fungi. PLoS ONE, 2011, 6, e24940.	2.5	51
50	Towards standardization of the description and publication of nextâ€generation sequencing datasets of fungal communities. New Phytologist, 2011, 191, 314-318.	7.3	85
51	A note on the incidence of reverse complementary fungal ITS sequences in the public sequence databases and a software tool for their detection and reorientation. Mycoscience, 2011, 52, 278-282.	0.8	7
52	Sidera, a new genus in Hymenochaetales with poroid and hydnoid species. Mycological Progress, 2011, 10, 131-141.	1.4	55
53	Amylocorticiales ord. nov. and Jaapiales ord. nov.: Early diverging clades of Agaricomycetidae dominated by corticioid forms. Mycologia, 2010, 102, 865-880.	1.9	165
54	The UNITE database for molecular identification of fungi â€“ recent updates and future perspectives. New Phytologist, 2010, 186, 281-285.	7.3	1,563

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55	PlutoFâ€"a Web Based Workbench for Ecological and Taxonomic Research, with an Online Implementation for Fungal ITS Sequences. Evolutionary Bioinformatics, 2010, 6, EBO.S6271.	1.2	203
56	Identifying wood-inhabiting fungi with 454 sequencing â€" what is the probability that BLAST gives the correct species?. Fungal Ecology, 2010, 3, 274-283.	1.6	97
57	Taxomomy, ecology and phylogenetic relationships of Bovista pusilla and B. limosa in North Europe. Mycological Progress, 2009, 8, 289-299.	1.4	8
58	Molecular phylogeny of Hyphoderma and the reinstatement of Peniophorella. Mycological Research, 2007, 111, 186-195.	2.5	34
59	A higher-level phylogenetic classification of the Fungi. Mycological Research, 2007, 111, 509-547.	2.5	1,994
60	Re-thinking the classification of corticioid fungi. Mycological Research, 2007, 111, 1040-1063.	2.5	285
61	Global diversity and distribution of macrofungi. Biodiversity and Conservation, 2007, 16, 37-48.	2.6	184
62	Species richness and community composition of mat-forming ectomycorrhizal fungi in old- and second-growth Douglas-fir forests of the HJ Andrews Experimental Forest, Oregon, USA. Mycorrhiza, 2007, 17, 633-645.	2.8	39
63	Hymenochaetales: a molecular phylogeny for the hymenochaetoid clade. Mycologia, 2006, 98, 926-936.	1.9	126
64	Perspectives in the new Russulales. Mycologia, 2006, 98, 960-970.	1.9	90
65	Hymenochaetales: a molecular phylogeny for the hymenochaetoid clade. Mycologia, 2006, 98, 926-936.	1.9	164
66	Fruiting body-guided molecular identification of root-tip mantle mycelia provides strong indications of ectomycorrhizal associations in two species of Sistotrema (Basidiomycota). Mycological Research, 2006, 110, 1426-1432.	2.5	38
67	Taxonomic Reliability of DNA Sequences in Public Sequence Databases: A Fungal Perspective. PLoS ONE, 2006, 1, e59.	2.5	508
68	The cantharelloid clade: dealing with incongruent gene trees and phylogenetic reconstruction methods. Mycologia, 2006, 98, 937-948.	1.9	135
69	UNITE: a database providing webâ€based methods for the molecular identification of ectomycorrhizal fungi. New Phytologist, 2005, 166, 1063-1068.	7.3	912
70	Airborne fungal colonisation of coarse woody debris in North Temperate Picea abies forest: impact of season and local spatial scale. Mycological Research, 2005, 109, 487-496.	2.5	31
71	Wood-inhabiting fungi in stems of Fraxinus excelsior in declining ash stands of northern Lithuania, with particular reference to Armillaria cepistipes. Scandinavian Journal of Forest Research, 2005, 20, 337-346.	1.4	103
72	Genus revisions and new combinations of some North European polypores. Karstenia, 2005, 45, 75-80.	0.4	16

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73	High phylogenetic diversity among corticioid homobasidiomycetes. Mycological Research, 2004, 108, 983-1002.	2.5	250
74	Fine scale distribution of ectomycorrhizal fungi and roots across substrate layers including coarse woody debris in a mixed forest. New Phytologist, 2003, 159, 153-165.	7.3	344
75	Phylogenetic relationships of russuloid basidiomycetes with emphasis on aphyllophoralean taxa. Mycologia, 2003, 95, 1037-1065.	1.9	140
76	Basidiospore dispersal in the oldâ€growth forest fungus Phlebia centrifuga (Basidiomycetes). Nordic Journal of Botany, 2000, 20, 215-219.	0.5	49
77	Two new species in Hyphoderma. Nordic Journal of Botany, 1998, 18, 121-127.	0.5	11
78	(1255) Proposal to reject the names Xylodon and Schizopora in favour of Hyphodontia , nom. cons. (Fungi, Corticiaceae). Taxon, 1996, 45, 685-686.	0.7	5
79	Taxonomy of Trechispora farinacea and proposed synonyms II. Species with a smooth hymenophore. Nordic Journal of Botany, 1996, 16, 73-82.	0.5	2
80	New species and combinations in Trechispora (Corticiaceae, Basidiomycotina). Nordic Journal of Botany, 1996, 16, 83-98.	0.5	14
81	On the Hyphoderma praetermissum complex. Mycological Research, 1994, 98, 1012-1018.	2.5	11
82	Poroid species in Trechispora and the use of calcium oxalate crystals for species identification. Mycological Research, 1994, 98, 1153-1172.	2.5	31