

Tuula Niskanen

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

5,765
citations

394421

19
h-index

175258

52
g-index

54
all docs

54
docs citations

54
times ranked

6973
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	Fungal diversity notes 111-252: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2015, 75, 27-274.	12.3	375
3	Fungal diversity notes 367-490: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2016, 80, 1-270.	12.3	314
4	Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau061-bau061.	3.0	272
5	Fungal diversity notes 253-366: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2016, 78, 1-237.	12.3	239
6	Megaphylogeny resolves global patterns of mushroom evolution. <i>Nature Ecology and Evolution</i> , 2019, 3, 668-678.	7.8	187
7	New scientific discoveries: Plants and fungi. <i>Plants People Planet</i> , 2020, 2, 371-388.	3.3	163
8	Fungal diversity notes 1151-1276: taxonomic and phylogenetic contributions on genera and species of fungal taxa. <i>Fungal Diversity</i> , 2020, 100, 5-277.	12.3	156
9	Fungal diversity notes 1036-1150: taxonomic and phylogenetic contributions on genera and species of fungal taxa. <i>Fungal Diversity</i> , 2019, 96, 1-242.	12.3	148
10	Improving ITS sequence data for identification of plant pathogenic fungi. <i>Fungal Diversity</i> , 2014, 67, 11-19.	12.3	123
11	How to know the fungi: combining field inventories and DNA barcoding to document fungal diversity. <i>New Phytologist</i> , 2017, 214, 913-919.	7.3	118
12	Determining threshold values for barcoding fungi: lessons from <i>Cortinarius</i> (Basidiomycota), a highly diverse and widespread ectomycorrhizal genus. <i>FEMS Microbiology Ecology</i> , 2016, 92, fw045.	2.7	94
13	The numbers of fungi: are the most speciose genera truly diverse?. <i>Fungal Diversity</i> , 2022, 114, 387-462.	12.3	52
14	<i>Cortinarius</i> sect. <i>Brunnei</i> (Basidiomycota, Agaricales) in North Europe. <i>Mycological Research</i> , 2009, 113, 182-206.	2.5	38
15	EcM fungal community structure, but not diversity, altered in a Pb-contaminated shooting range in a boreal coniferous forest site in Southern Finland. <i>FEMS Microbiology Ecology</i> , 2011, 76, 121-132.	2.7	35
16	<i>Cortinarius</i> sect. <i>Armillati</i> in northern Europe. <i>Mycologia</i> , 2011, 103, 1080-1101.	1.9	30
17	Ecology of Alpine Macrofungi - Combining Historical with Recent Data. <i>Frontiers in Microbiology</i> , 2017, 8, 2066.	3.5	25
18	Habitat specialisation controls ectomycorrhizal fungi above the treeline in the European Alps. <i>New Phytologist</i> , 2021, 229, 2901-2916.	7.3	24

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19	Taming the beast: a revised classification of Cortinariaceae based on genomic data. <i>Fungal Diversity</i> , 2022, 112, 89-170.	12.3	24
20	The species of <i>Cortinarius</i> , section <i>Bovini</i> , associated with conifers in northern Europe. <i>Mycologia</i> , 2013, 105, 977-993.	1.9	21
21	Diversity of fungus-growing termites (<i>Macrotermes</i>) and their fungal symbionts (<i>Termitomyces</i>) in the semiarid Tsavo Ecosystem, Kenya. <i>Biotropica</i> , 2017, 49, 402-412.	1.6	21
22	Mission impossible completed: unlocking the nomenclature of the largest and most complicated subgenus of <i>Cortinarius</i> , <i>Telamonia</i> . <i>Fungal Diversity</i> , 2020, 104, 291-331.	12.3	20
23	New records of Basidiomycota from Trabzon, Tokat, and İstanbul provinces in Turkey*. <i>Turkish Journal of Botany</i> , 2016, 40, 531-545.	1.2	19
24	Identifying and naming the currently known diversity of the genus <i>Hydnum</i> , with an emphasis on European and North American taxa. <i>Mycologia</i> , 2018, 110, 890-918.	1.9	18
25	<i>Cortinarius sanguineus</i> and equally red species in Europe with an emphasis on northern European material. <i>Mycologia</i> , 2012, 104, 242-253.	1.9	17
26	Typification of Friesian names in <i>Cortinarius</i> sections <i>Anomali</i> , <i>Spilomei</i> , and <i>Bolares</i> , and description of two new species from northern Europe. <i>Mycological Progress</i> , 2016, 15, 903-919.	1.4	15
27	<i>Pseudoclitocybaceae</i> fam. nov. (Agaricales, Tricholomatineae), a new arrangement at family, genus and species level. <i>Fungal Diversity</i> , 2018, 90, 109-133.	12.3	15
28	<i>Cortinarius sordidemaculatus</i> and two new related species, <i>C. anisatus</i> and <i>C. neofurvolaeus</i> , in Fennoscandia (Basidiomycota, Agaricales). <i>Karstenia</i> , 2005, 45, 33-49.	0.4	15
29	Five new <i>Telamonia</i> species (<i>Cortinarius</i> , Agaricales) from western North America. <i>Botany</i> , 2013, 91, 478-485.	1.0	14
30	<i>Cortinarius</i> section <i>Sanguinei</i> in North America. <i>Mycologia</i> , 2013, 105, 344-356.	1.9	14
31	<i>Cortinarius hesleri</i> from eastern North America and related species from Europe and western North America. <i>Botany</i> , 2013, 91, 91-98.	1.0	14
32	Two new species of <i>Cortinarius</i> , subgenus <i>Telamonia</i> , sections <i>Colymbadini</i> and <i>Uracei</i> , from Europe. <i>Mycological Progress</i> , 2014, 13, 867-879.	1.4	13
33	New <i>Cortinarius</i> species from conifer-dominated forests of North America and Europe. <i>Botany</i> , 2012, 90, 743-754.	1.0	12
34	<i>Cortinarius</i> , subgenus <i>Telamonia</i> , section <i>Disjungendi</i> , cryptic species in North America and Europe. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	11
35	<i>Cortinarius</i> sect. <i>Riederi</i> : taxonomy and phylogeny of the new section with European and North American distribution. <i>Mycological Progress</i> , 2018, 17, 1323-1354.	1.4	10
36	Taxonomy, ecology and distribution of <i>Cortinarius rubrovioleipes</i> and <i>C. hinnuleoarmillatus</i> (Basidiomycota, Agaricales) in Fennoscandia. <i>Karstenia</i> , 2006, 46, 1-12.	0.4	10

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37	<i>Cortinarius</i> subgenus <i>Callistei</i> in North America and Europe—type studies, diversity, and distribution of species. <i>Mycologia</i> , 2016, 108, 1018-1027.	1.9	8
38	Spring and early summer species of <i>Cortinarius</i> , subgenus <i>Telamonia</i> , section <i>Colymbadini</i> and <i>Flavobasilis</i> , in the mountains of western North America. <i>Mycologia</i> , 2017, 109, 443-458.	1.9	8
39	New species of <i>Cortinarius</i> sect. <i>Austroamericani</i> , sect. nov., from South American Nothofagaceae forests. <i>Mycologia</i> , 2018, 110, 1127-1144.	1.9	8
40	<i>Cortinarius badiolaevus</i> , a new conifer-associated, darkening species in the subgenus <i>Telamonia</i> (Basidiomycota, Agaricales). <i>Mycological Progress</i> , 2011, 10, 101-105.	1.4	7
41	Intercontinental distributions of species of <i>Cortinarius</i> , subgenus <i>Phlegmacium</i> , associated with <i>Populus</i> in western North America. <i>Botany</i> , 2015, 93, 711-721.	1.0	7
42	Diversity of <i>Chroogomphus</i> (Gomphidiaceae, Boletales) in Europe, and typification of <i>C. rutilus</i> . <i>IMA Fungus</i> , 2018, 9, 271-290.	3.8	7
43	Two new species in <i>Cortinarius</i> subgenus <i>Telamonia</i> , <i>Cortinarius brunneifolius</i> and <i>C. leiocastaneus</i> , from Fennoscandia (Basidiomycota, Agaricales). <i>Mycological Progress</i> , 2008, 7, 239-247.	1.4	6
44	A new boletoid fungus, <i>Boletus pinetorum</i> , in the <i>Boletus</i> section <i>Boletus</i> from Fennoscandia (Basidiomycota, Boletales). <i>Karstenia</i> , 2009, 49, 41-60.	0.4	6
45	<i>Cortinarius</i> section <i>Thaumasti</i> in South American Nothofagaceae forests. <i>Mycologia</i> , 2020, 112, 329-341.	1.9	5
46	Loose Ends in the <i>Cortinarius</i> Phylogeny: Five New Myxotelamonoid Species Indicate a High Diversity of These Ectomycorrhizal Fungi with South American Nothofagaceae. <i>Life</i> , 2021, 11, 420.	2.4	5
47	Type studies and fourteen new North American species of <i>Cortinarius</i> section <i>Anomali</i> reveal high continental species diversity. <i>Mycological Progress</i> , 2021, 20, 1399-1439.	1.4	5
48	<i>Gloeocantharellus andasibensis</i> sp. nov. (Gomphaceae) from Madagascar. <i>Phytotaxa</i> , 2021, 500, 29-36.	0.3	4
49	<i>Cortinarius pseudofallax</i> (Cortinariaceae, Agaricales), the first records from the Iberian Peninsula and Fennoscandia, and taxonomic notes on the <i>C. parvannulatus/cedriolens</i> group. <i>Mycological Progress</i> , 2014, 13, 393-398.	1.4	3
50	Two new species of <i>Hygroaster</i> from Madagascar. <i>Mycological Progress</i> , 2020, 19, 1293-1300.	1.4	3
51	<i>Cortinarius bovarius</i> (Agaricales), a new species from western North America. <i>MycKeys</i> , 2013, 7, 23-30.	1.9	2
52	<i>Cortinarius lustrabilis</i> (Basidiomycota, Agaricales), a new species to Fennoscandia. <i>Karstenia</i> , 2006, 46, 13-16.	0.4	1
53	Some interesting <i>Cortinarius</i> species newly recognised as British. <i>Field Mycology</i> , 2019, 20, 12-20.	0.0	0