

Otto Kullervo Miettinen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1198286/publications.pdf>

Version: 2024-02-01

55
papers

1,756
citations

430874

18
h-index

302126

39
g-index

57
all docs

57
docs citations

57
times ranked

1881
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal diversity notes 111 – taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2015, 75, 27-274.	12.3	375
2	A revised family-level classification of the Polyporales (Basidiomycota). <i>Fungal Biology</i> , 2017, 121, 798-824.	2.5	190
3	Megaphylogeny resolves global patterns of mushroom evolution. <i>Nature Ecology and Evolution</i> , 2019, 3, 668-678.	7.8	187
4	Identifying wood-inhabiting fungi with 454 sequencing – what is the probability that BLAST gives the correct species?. <i>Fungal Ecology</i> , 2010, 3, 274-283.	1.6	97
5	A phylogenetic overview of the antrodia clade (Basidiomycota, Polyporales). <i>Mycologia</i> , 2013, 105, 1391-1411.	1.9	86
6	Comprehensive taxon sampling reveals unaccounted diversity and morphological plasticity in a group of dimitic polypores (Polyporales, Basidiomycota). <i>Cladistics</i> , 2012, 28, 251-270.	3.3	78
7	Russulaceae: a new genomic dataset to study ecosystem function and evolutionary diversification of ectomycorrhizal fungi with their tree associates. <i>New Phytologist</i> , 2018, 218, 54-65.	7.3	71
8	Sidera, a new genus in Hymenochaetales with poroid and hydroid species. <i>Mycological Progress</i> , 2011, 10, 131-141.	1.4	55
9	Polypores and genus concepts in Phanerochaetaceae (Polyporales, Basidiomycota). <i>MycKeys</i> , 0, 17, 1-46.	1.9	54
10	Obba and Sebipora, new polypore genera related to <i>Cinereomyces</i> and <i>Gelatoporia</i> (Polyporales, Basidiomycota). <i>Mycological Progress</i> , 2010, 9, 107-114.	1.4	44
11	What is <i>Antrodia</i> sensu stricto?. <i>Mycologia</i> , 2013, 105, 1555-1576.	1.9	31
12	Notes on the Genus <i>Aporpium</i> (Auriculariales, Basidiomycota), with a New Species from Temperate Europe. <i>Annales Botanici Fennici</i> , 2012, 49, 359-368.	0.1	30
13	<i>Antrodia hyalina</i> , a new polypore from Russia, and <i>A. leucaena</i> , new to Europe. <i>Mycological Progress</i> , 2013, 12, 53-61.	1.4	27
14	Molecular phylogeny of <i>Rigidoporus microporus</i> isolates associated with white rot disease of rubber trees (<i>Hevea brasiliensis</i>). <i>Fungal Biology</i> , 2014, 118, 495-506.	2.5	25
15	Species diversity in the <i>Antrodia crassa</i> group (Polyporales, Basidiomycota). <i>Fungal Biology</i> , 2015, 119, 1291-1310.	2.5	25
16	Fungal sporocarps house diverse and host-specific communities of fungicolous fungi. <i>ISME Journal</i> , 2021, 15, 1445-1457.	9.8	24
17	Polypore Genera <i>Antella</i> , <i>Austeria</i> , <i>Butyrea</i> , <i>Citripora</i> , <i>Metuloidea</i> and <i>Trulla</i> (Steccherinaceae, Basidiomycota). <i>Mycological Progress</i> , 2010, 9, 107-114.	1.4	44
18	Polypore diversity in North America with an annotated checklist. <i>Mycological Progress</i> , 2016, 15, 771-790.	1.4	22

#	ARTICLE	IF	CITATIONS
19	Temporal transcriptome analysis of the white-rot fungus <i>Obba rivulosa</i> shows expression of a constitutive set of plant cell wall degradation targeted genes during growth on solid spruce wood. <i>Fungal Genetics and Biology</i> , 2018, 112, 47-54.	2.1	21
20	Stable isotope analyses reveal previously unknown trophic mode diversity in the Hymenochaetales. <i>American Journal of Botany</i> , 2018, 105, 1869-1887.	1.7	19
21	Cryptic species diversity in polypores: the <i>Skeletocutis nivea</i> species complex. <i>MycoKeys</i> , 2018, 36, 45-82.	1.9	19
22	Genome sequencing of <i>Rigidoporus microporus</i> provides insights on genes important for wood decay, latex tolerance and interspecific fungal interactions. <i>Scientific Reports</i> , 2020, 10, 5250.	3.3	16
23	Draft Genome Sequence of the White-Rot Fungus <i>Obba rivulosa</i> 3A-2. <i>Genome Announcements</i> , 2016, 4, .	0.8	15
24	Ten principles for conservation translocations of threatened wood-inhabiting fungi. <i>Fungal Ecology</i> , 2020, 44, 100919.	1.6	15
25	Polypore fungi as a flagship group to indicate changes in biodiversity – a test case from Estonia. <i>IMA Fungus</i> , 2021, 12, 2.	3.8	15
26	Studies in the <i>Phaeotremella foliacea</i> group (Tremellomycetes, Basidiomycota). <i>Mycological Progress</i> , 2018, 17, 451-466.	1.4	14
27	Studies in the <i>Antrodia serialis</i> group (Polyporales, Basidiomycota). <i>Mycologia</i> , 2017, 109, 217-230.	1.9	13
28	Hidden diversity in the <i>Antrodia malicola</i> group (Polyporales, Basidiomycota). <i>Mycological Progress</i> , 2016, 15, 1.	1.4	12
29	Revision of <i>Protohydnum</i> (Auriculariales, Basidiomycota). <i>Mycological Progress</i> , 2018, 17, 805-814.	1.4	12
30	Morphological plasticity in brown-rot fungi: <i>Antrodia</i> is redefined to encompass both poroid and corticioid species. <i>Mycologia</i> , 2019, 111, 871-883.	1.9	12
31	Novelties and records of poroid Basidiomycetes in Finland and adjacent Russia. <i>Karstenia</i> , 2001, 41, 1-21.	0.4	12
32	A phylogeographic survey of a circumboreal polypore indicates introgression among ecologically differentiated cryptic lineages. <i>Fungal Ecology</i> , 2013, 6, 119-128.	1.6	11
33	Decolorization of Six Synthetic Dyes by Fungi. <i>American Journal of Environmental Sciences</i> , 2016, 12, 77-85.	0.5	11
34	What is the type species of <i>Phanerochaete</i> (Polyporales, Basidiomycota)?. <i>Mycological Progress</i> , 2017, 16, 171-183.	1.4	11
35	On <i>Protomerulius</i> and <i>Heterochaetella</i> (Auriculariales, Basidiomycota). <i>Mycological Progress</i> , 2019, 18, 1079-1099.	1.4	11
36	<i>Caudicicola gracilis</i> (Polyporales, Basidiomycota), a New Polypore Species and Genus from Finland. <i>Annales Botanici Fennici</i> , 2017, 54, 159-167.	0.1	10

#	ARTICLE	IF	CITATIONS
37	The identity of <i>Ganoderma applanatum</i> (<i>Basidiomycota</i>). <i>Taxon</i> , 2008, 57, 963-966.	0.7	9
38	Studies in the <i>Ceriporia purpurea</i> Group (Polyporales, Basidiomycota), with Notes on Similar <i>Ceriporia</i> Species. <i>Cryptogamie, Mycologie</i> , 2016, 37, 421-435.	1.0	9
39	Two New Temperate Polypore Species of <i>Skeletocutis</i> (Polyporales, Basidiomycota). <i>Annales Botanici Fennici</i> , 2018, 55, 195-206.	0.1	5
40	Contrasting genetic structuring in the closely related basidiomycetes <i>Trichaptum abietinum</i> and <i>Trichaptum fuscoviolaceum</i> (Hymenochaetales). <i>Fungal Biology</i> , 2021, 125, 269-275.	2.5	5
41	<i>Aurantiporus priscus</i> (Basidiomycota), a New Polypore from Old Fallen Conifer Trees. <i>Annales Botanici Fennici</i> , 2012, 49, 201-205.	0.1	4
42	On <i>Craterocola</i> and <i>Ditangium</i> (Sebacinales, Basidiomycota). <i>Mycological Progress</i> , 2019, 18, 753-762.	1.4	4
43	Urban forests host rich polypore assemblages in a Nordic metropolitan area. <i>Landscape and Urban Planning</i> , 2021, 215, 104222.	7.5	4
44	Molecular analysis confirms that <i>Botryodontia millavensis</i> and <i>Oxyporus philadelphi</i> are conspecific. <i>Mycological Progress</i> , 2014, 13, 65-74.	1.4	3
45	Searching for Indicator Species of Old-Growth Spruce Forests: Studies in the Genus <i>Jahnoporus</i> (Polyporales, Basidiomycota). <i>Cryptogamie, Mycologie</i> , 2015, 36, 409-417.	1.0	3
46	On <i>Sistotremastrum</i> and similar-looking taxa (Trechisporales, Basidiomycota). <i>Mycological Progress</i> , 2021, 20, 453-476.	1.4	3
47	Population genomics of a forest fungus reveals high gene flow and climate adaptation signatures. <i>Molecular Ecology</i> , 2022, 31, 1963-1979.	3.9	3
48	<i>Diplomitoporus dilutabilis</i> belongs to <i>Cinereomyces</i> (<i>Polyporales, Basidiomycota</i>). <i>Mycotaxon</i> , 2013, 121, 345-348.	0.3	2
49	mtDNA COI in efficient use: clarifying taxonomy, linking morphologically discordant sexes and identifying the immature stages of <i>Agathomyia</i> Verrill flat-footed flies (Diptera: Platypezidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2015, 53, 219-238.	1.4	2
50	Impacts of holmium and lithium to the growth of selected basidiomycetous fungi and their ability to degrade textile dyes. <i>3 Biotech</i> , 2020, 10, 357.	2.2	1
51	Diversity and distribution of Finnish aphyllorphoid and heterobasidioid fungi (Basidiomycota): An update. <i>Plant and Fungal Systematics</i> , 2021, 66, 79-105.	0.5	1
52	<i>Syzygospora lapponica</i> sp. nova (Syzygosporaceae, Heterobasidiomycetes) from Finland. <i>Acta Mycologica</i> , 2013, 41, 21-24.	0.3	1
53	(2699) Proposal to conserve the name <i>Odontia quercina</i> (<i>Xylodon quercinus</i>) (<i>Basidiomycota</i>): <i>Hymenochaetales</i> : <i>Schizoporaceae</i> with a conserved type. <i>Taxon</i> , 2019, 68, 857-858.	0.7	0
54	Significance of incongruent DNA loci in the taxonomy of wood-decaying <i>Basidoradulum radula</i> . <i>Mycologia</i> , 2021, 113, 1-14.	1.9	0

#	ARTICLE	IF	CITATIONS
55	Landscape context and substrate characteristics shape fungal communities of dead spruce in urban and semi-natural forests. <i>Environmental Microbiology</i> , 2022, , .	3.8	0