Ursula Peintner

List of Publications by Year
in descending order

78	6,626	186254 28	76898 74
papers	citations	h-index	g-index

83	83	83	8548
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards a unified paradigm for sequenceâ€based identification of fungi. Molecular Ecology, 2013, 22, 5271-5277.	3.9	2,997
2	The UNITE database for molecular identification of fungi â€“ recent updates and future perspectives. New Phytologist, 2010, 186, 281-285.	7.3	1,563
3	Multiple origins of sequestrate fungi related to Cortinarius (Cortinariaceae). American Journal of Botany, 2001, 88, 2168-2179.	1.7	183
4	European medicinal polypores â€“ A modern view on traditional uses. Journal of Ethnopharmacology, 2014, 154, 564-583.	4.1	120
5	Ectomycorrhizal communities associated with Populus tremula growing on a heavy metal contaminated site. Mycological Research, 2008, 112, 1069-1079.	2.5	94
6	Determining threshold values for barcoding fungi: lessons fromCortinarius(Basidiomycota), a highly diverse and widespread ectomycorrhizal genus. FEMS Microbiology Ecology, 2016, 92, fiw045.	2.7	94
7	Fungal diversity notes 1387â€“1511: taxonomic and phylogenetic contributions on genera and species of fungal taxa. Fungal Diversity, 2021, 111, 1-335.	12.3	88
8	Mycophilic or Mycophobic? Legislation and Guidelines on Wild Mushroom Commerce Reveal Different Consumption Behaviour in European Countries. PLoS ONE, 2013, 8, e63926.	2.5	83
9	Toward a better understanding of the infrageneric relationships in Cortinarius (Agaricales,) Tj ETQq1 1 0.784314 rgBT /Overloc	1.9	79
10	The iceman's fungi. Mycological Research, 1998, 102, 1153-1162.	2.5	65
11	Linking Soil Biotic and Abiotic Factors to Apple Replant Disease: a Greenhouse Approach. Journal of Phytopathology, 2015, 163, 287-299.	1.0	60
12	Polygonum viviparum mycobionts on an alpine primary successional glacier forefront. Mycorrhiza, 2008, 18, 87-95.	2.8	58
13	Biodiversity and concentration of airborne fungi in a hospital environment. Mycopathologia, 2001, 149, 87-97.	3.1	56
14	Toward a Better Understanding of the Infrageneric Relationships in Cortinarius (Agaricales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	1.9	49
15	Phylogeny of the ectomycorrhizal mushroom genus Alnicola (Basidiomycota, Cortinariaceae) based on rDNA sequences with special emphasis on host specificity and morphological characters. Molecular Phylogenetics and Evolution, 2006, 38, 794-807.	2.7	48
16	Mycobionts of Salix herbacea on a glacier forefront in the Austrian Alps. Mycorrhiza, 2008, 18, 171-180.	2.8	47
17	Fungal Growth and Biomass Development is Boosted by Plants in Snow-Covered Soil. Microbial Ecology, 2012, 64, 79-90.	2.8	47
18	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. IMA Fungus, 2018, 9, 167-175.	3.8	45

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19	First records of ectomycorrhizal Cortinarius species (Agaricales, Basidiomycetes) from tropical India and their phylogenetic position based on rDNA ITS sequences. Mycological Research, 2003, 107, 485-494.	2.5	44
20	Finding a robust strain for biomethanation: Anaerobic fungi (Neocallimastigomycota) from the Alpine ibex (Capra ibex) and their associated methanogens. Anaerobe, 2014, 29, 34-43.	2.1	44
21	Fungal strain matters: colony growth and bioactivity of the European medicinal polypores Fomes fomentarius, Fomitopsis pinicola and Piptoporus betulinus. AMB Express, 2015, 5, 4.	3.0	44
22	Soil fungal communities in a Castanea sativa (chestnut) forest producing large quantities of Boletus edulis sensu lato (porcini): where is the mycelium of porcini?. Environmental Microbiology, 2007, 9, 880-889.	3.8	42
23	Phylogeny of Rozites, Cuphocybe and Rapacea inferred from ITS and LSU rDNA sequences. Mycologia, 2002, 94, 620-629.	1.9	37
24	High diversity of ectomycorrhizal fungi associated with Arctostaphylos uva-ursi in subalpine and alpine zones: Potential inoculum for afforestation. Forest Ecology and Management, 2007, 250, 167-175.	3.2	35
25	Thraustochytrids as novel parasitic protists of marine free-living flatworms: Thraustochytrium caudivorum sp. nov. parasitizes Macrostomum lignano. Marine Biology, 2007, 152, 1095-1104.	1.5	35
26	Ectomycorrhiza of Kobresia myosuroides at a primary successional glacier forefront. Mycorrhiza, 2008, 18, 355-362.	2.8	34
27	Bioconcentration of zinc and cadmium in ectomycorrhizal fungi and associated aspen trees as affected by level of pollution. Environmental Pollution, 2009, 157, 280-286.	7.5	32
28	Fungal communities and their association with nitrogen-fixing bacteria affect early decomposition of Norway spruce deadwood. Scientific Reports, 2020, 10, 8025.	3.3	31
29	Emerging from the iceâ€fungal communities are diverse and dynamic in earliest soil developmental stages of a receding glacier. Environmental Microbiology, 2019, 21, 1864-1880.	3.8	30
30	Xerocomus cisalpinus sp. nov., and the delimitation of species in the X. chrysenteron complex based on morphology and rDNA-LSU sequences. Mycological Research, 2003, 107, 659-679.	2.5	28
31	The Mycobiota of Speck, a Traditional Tyrolean Smoked and Cured Ham. Journal of Food Protection, 2000, 63, 1399-1403.	1.7	25
32	Habitat specialisation controls ectomycorrhizal fungi above the treeline in the European Alps. New Phytologist, 2021, 229, 2901-2916.	7.3	24
33	Study on Cortinarius subgenus Telamonia section Hydrocybe in Europe, with especial emphasis on Mediterranean taxa. Mycological Research, 2009, 113, 1070-1090.	2.5	23
34	Anamika, a new mycorrhizal genus of Cortinariaceae from India and its phylogenetic position based on ITS and LSU sequences. Mycological Research, 2002, 106, 245-251.	2.5	21
35	Colony-PCR Is a Rapid Method for DNA Amplification of Hyphomycetes. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	20
36	How to resolve cryptic species of polypores: an example in Fomes. IMA Fungus, 2019, 10, 17.	3.8	17

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37	Habitat, Snow-Cover and Soil pH, Affect the Distribution and Diversity of Mortierellaceae Species and Their Associations to Bacteria. Frontiers in Microbiology, 2021, 12, 669784.	3.5	15
38	Toward a better understanding of the infrageneric relationships in Cortinarius (Agaricales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	1.9	15
39	Media formulation influences in vitro ectomycorrhizal synthesis on the European aspen Populus tremula L.. Mycorrhiza, 2008, 18, 297-307.	2.8	14
40	The enigmatic Cortinarius magellanicus complex occurring in Nothofagaceae forests of the Southern Hemisphere. Fungal Biology, 2018, 122, 1077-1097.	2.5	14
41	Biogeography of plant rootâ€associated fungal communities in the North Atlantic region mirrors climatic variability. Journal of Biogeography, 2019, 46, 1532-1546.	3.0	14
42	Tomentella alpina and other tomentelloid taxa fruiting in a glacier valley. Mycological Progress, 2012, 11, 109-119.	1.4	13
43	Host-Specialist Dominated Ectomycorrhizal Communities of Pinus cembra are not Affected by Temperature Manipulation. Journal of Fungi (Basel, Switzerland), 2015, 1, 55-75.	3.5	13
44	A New High-Throughput-Screening-Assay for Photoantimicrobials Based on EUCAST Revealed Unknown Photoantimicrobials in Cortinariaceae. Frontiers in Microbiology, 2021, 12, 703544.	3.5	12
45	Gymnopilus turficola (Agaricales), a new species from subâ€arctic palsa mires and its phylogentic relationship based on ITS sequences. Nordic Journal of Botany, 2001, 21, 321-328.	0.5	11
46	Laxatives and the Ice Man. Lancet, The, 1999, 353, 926-927.	13.7	10
47	Variability, host range, delimitation and neotypification of Amanita simulans (Amanita section) Tj ETQq1 1 0.784314 rgBT /Overlock 10 lividopallescens. Phytotaxa, 2016, 280, 1.	0.3	9
48	Lanostane Triterpenes from Gloeophyllum odoratum and Their Anti-Influenza Effects. Planta Medica, 2019, 85, 195-202.	1.3	9
49	The potential of calcium hydroxide to reduce storage losses: A four months monitoring study of spruce wood chip piles at industrial scale. Fuel, 2021, 298, 120738.	6.4	9
50	Myrmecridium hiemale sp. nov. from snow-covered alpine soil is the first eurypsychrophile in this genus of anamorphic fungi. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2592-2598.	1.7	9
51	Detection of soil fungal communities in an alpine primary successional habitat: Does pooling of DNA extracts affect investigations?. Annals of Microbiology, 2008, 58, 585-595.	2.6	8
52	Agarics of alders 1 â€“ the Alnicola badia complex. Mycotaxon, 2013, 121, 1-22.	0.3	8
53	Spring and early summer species of Cortinarius, subgenus Telamonia, section Colymbadini and /Flavobasilis, in the mountains of western North America. Mycologia, 2017, 109, 443-458.	1.9	8
54	New species of Cortinarius sect. Austroamericani, sect. nov., from South American Nothofagaceae forests. Mycologia, 2018, 110, 1127-1144.	1.9	8

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55	Arctic Greening Caused by Warming Contributes to Compositional Changes of Mycobiota at the Polar Urals. Forests, 2019, 10, 1112.	2.1	7
56	Targeted isolation of photoactive pigments from mushrooms yielded a highly potent new photosensitizer: 7,7â€²-biphyscion. Scientific Reports, 2022, 12, 1108.	3.3	7
57	High-Throughput Volatilome Fingerprint Using PTRâ€“ToFâ€“MS Shows Species-Specific Patterns in Mortierella and Closely Related Genera. Journal of Fungi (Basel, Switzerland), 2021, 7, 66.	3.5	6
58	Two new species ofGomphidiusfrom the Western United States and Eastern Siberia. Mycologia, 2002, 94, 1044-1050.	1.9	5
59	Cystoderma carpaticum (Basidiomycota, Agaricales), a rare fungus newly recorded from Croatia. Phytotaxa, 2016, 269, 21.	0.3	5
60	Cortinarius section Thaumasti in South American Nothofagaceae forests. Mycologia, 2020, 112, 329-341.	1.9	5
61	Loose Ends in the Cortinarius Phylogeny: Five New Myxotelamonoid Species Indicate a High Diversity of These Ectomycorrhizal Fungi with South American Nothofagaceae. Life, 2021, 11, 420.	2.4	5
62	Methods for Studying Bacterialâ€“Fungal Interactions in the Microenvironments of Soil. Applied Sciences (Switzerland), 2021, 11, 9182.	2.5	5
63	Reappraisal of the Genus Exsudoporus (Boletaceae) Worldwide Based on Multi-Gene Phylogeny, Morphology and Biogeography, and Insights on Amoenoboletus. Journal of Fungi (Basel, Switzerland), 2022, 8, 101.	3.5	5
64	The photosensitizer emodin is concentrated in the gills of the fungus Cortinarius rubrophyllus. Journal of Photochemistry and Photobiology B: Biology, 2022, 228, 112390.	3.8	5
65	Optimized isolation of 7,7â€²-biphyscion starting from CortinariusÂrubrophyllus, a chemically unexplored fungal species rich in photosensitizers. Photochemical and Photobiological Sciences, 2022, 21, 221-234.	2.9	5
66	Short communication. Response of bacterial community composition to long-term applications of different composts in agricultural soils. Spanish Journal of Agricultural Research, 2011, 9, 338.	0.6	4
67	Feature-Based Molecular Networkingâ€”An Exciting Tool to Spot Species of the Genus Cortinarius with Hidden Photosensitizers. Metabolites, 2021, 11, 791.	2.9	4
68	Cortinarius microglobisporus (Basidiomycota), a new species with roundish spores related to C. illuminus. Mycological Progress, 2014, 13, 899-904.	1.4	3
69	The ice man. The Mycologist, 1994, 8, 44.	0.4	2
70	Agarics of Alders 2 â€“ Three New Species ofAlnicola(Agaricales, Hymenogastraceae) with a Key to Species Associated withAlnus alnobetulain Europe. Cryptogamie, Mycologie, 2013, 34, 149-173.	1.0	2
71	Relationship between Species Richness, Biomass and Structure of Vegetation and Mycobiota along an Altitudinal Transect in the Polar Urals. Journal of Fungi (Basel, Switzerland), 2020, 6, 353.	3.5	2
72	A convenient separation strategy for fungal anthraquinones by centrifugal partition chromatography. Journal of Separation Science, 2021, , .	2.5	2

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73	Two New Species of Gomphidius from the Western United States and Eastern Siberia. Mycologia, 2002, 94, 1044.	1.9	1
74	Towards consolidation of Gymnopilus taxonomy: the case of G. stabilis, G. sapineus, and G. penetrans. Mycological Progress, 2022, 21, 327-343.	1.4	1
75	Ectomycorrhizal fungal communities of Swiss stone pine (Pinus cembra) depend on climate and tree age in natural forests of the Alps. Plant and Soil, 0, , .	3.7	1
76	Meinhard Michael Moser (1924â€“2002): doyen of European agaricologists. Mycological Research, 2003, 107, 506-508.	2.5	0
77	Two new species of Gomphidius from the Western United States and Eastern Siberia. Mycologia, 2002, 94, 1044-50.	1.9	0
78	Analysis of photosensitizers from fungi via a photo-antimicrobial HTS. Planta Medica, 2021, 87, .	1.3	0