Meike Piepenbring

List of Publications by Year
in descending order

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134	4,769	257450	106344
papers	citations	24 h-index	65 g-index

140	140	140	6830
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global diversity and geography of soil fungi. Science, 2014, 346, 1256688.	12.6	2,513
2	Host Genotype Shapes the Foliar Fungal Microbiome of Balsam Poplar (Populus balsamifera). PLoS ONE, 2013, 8, e53987.	2.5	213
3	Fungal Planet description sheets: 469-557. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2016, 37, 218-403.	4.4	196
4	An overview of the higher level classification of Pucciniomycotina based on combined analyses of nuclear large and small subunit rDNA sequences. Mycologia, 2006, 98, 896-905.	1.9	143
5	Molecular phylogeny of Ustilago and Sporisorium species (Basidiomycota, Ustilaginales) based on internal transcribed spacer (ITS) sequences. Canadian Journal of Botany, 2003, 81, 976-984.	1.1	87
6	Affinities of Phylacia and the daldinoid Xylariaceae, inferred from chemotypes of cultures and ribosomal DNA sequences. Mycological Research, 2008, 112, 251-270.	2.5	87
7	An overview of the higher level classification of Pucciniomycotina based on combined analyses of nuclear large and small subunit rDNA sequences. Mycologia, 2006, 98, 896-905.	1.9	80
8	Distinguishing commercially grown Ganoderma lucidum from Ganoderma lingzhi from Europe and East Asia on the basis of morphology, molecular phylogeny, and triterpenic acid profiles. Phytochemistry, 2016, 127, 29-37.	2.9	70
9	Molecular Keys to the Janthinobacterium and Duganella spp. Interaction with the Plant Pathogen Fusarium graminearum. Frontiers in Microbiology, 2016, 7, 1668.	3.5	66
10	Influence of phylogenetic conservatism and trait convergence on the interactions between fungal root endophytes and plants. ISME Journal, 2017, 11, 777-790.	9.8	63
11	The generic position of Ustilago maydis, Ustilago scitaminea, and Ustilago esculenta (Ustilaginales). Mycological Progress, 2002, 1, 71-80.	1.4	56
12	Revision of genera in Asterinales. Fungal Diversity, 2014, 68, 1-68.	12.3	46
13	The Global Soil Mycobiome consortium dataset for boosting fungal diversity research. Fungal Diversity, 2021, 111, 573-588.	12.3	42
14	Recognition of hypoxyloid and xylarioid Entonaema species and allied Xylaria species from a comparison of holomorphic morphology, HPLC profiles, and ribosomal DNA sequences. Mycological Progress, 2008, 7, 53-73.	1.4	39
15	Defining species in Tulasnella by correlating morphology and nrDNA ITS-5.8S sequence data of basidiomata from a tropical Andean forest. Mycological Progress, 2011, 10, 229-238.	1.4	36
16	Chromoblastomycosis caused by Chaetomium funicola: a case report from Western Panama. British Journal of Dermatology, 2007, 157, 1025-1029.	1.5	33
17	Inventoring the fungi of Panama. Biodiversity and Conservation, 2007, 16, 73-84.	2.6	30
18	Phylogenetic relationships and new records of Asterinaceae (Dothideomycetes) from Panama. Fungal Diversity, 2010, 43, 39-53.	12.3	30

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19	Cryptic species revealed by molecular phylogenetic analysis of sequences obtained from basidiomata of Tulasnella. Mycologia, 2014, 106, 708-722.	1.9	30
20	Phylogeny of the order Phyllachorales (Ascomycota, Sordariomycetes): among and within order relationships based on five molecular loci. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2017, 39, 74-90.	4.4	28
21	Molecular sequence data assess the value of morphological characteristics for a phylogenetic classification of species ofCintractia. Mycologia, 1999, 91, 485-498.	1.9	27
22	Lophodermium pini-mugonis sp. nov. on needles of Pinus mugo from the Alps based on morphological and molecular data. Mycological Progress, 2009, 8, 29-33.	1.4	25
23	Species richness of plants and fungi in western Panama: towards a fungal inventory in the tropics. Biodiversity and Conservation, 2012, 21, 2181-2193.	2.6	25
24	Sugarcane smut: shedding light on the development of the whip-shaped sorus. Annals of Botany, 2017, 119, mcw169.	2.9	25
25	Metabolomicsâ€based chemotaxonomy of root endophytic fungi for natural products discovery. Environmental Microbiology, 2018, 20, 1253-1270.	3.8	24
26	Teliospores of smut fungi general aspects of teliospore walls and sporogenesis. Protoplasma, 1998, 204, 155-169.	2.1	23
27	Temporal variation of fungal diversity in a mosaic landscape in Germany. Studies in Mycology, 2018, 89, 95-104.	7.2	23
28	A new species of Exophiala associated with roots. Mycological Progress, 2016, 15, 1.	1.4	22
29	Erratomyces, a new genus of Tilletiales with species on Leguminosae. Mycologia, 1997, 89, 924-936.	1.9	21
30	Molecular Sequence Data Assess the Value of Morphological Characteristics for a Phylogenetic Classification of Species of Cintractia. Mycologia, 1999, 91, 485.	1.9	21
31	Spore Liberation and Dispersal in Smut Fungi*. Botanica Acta, 1998, 111, 444-460.	1.6	20
32	Teliospores of smut fungi teliospore walls and the development of ornamentation studied by electron microscopy. Protoplasma, 1998, 204, 170-201.	2.1	19
33	Two new species of Appendiculella (Meliolaceae) from Panama. Mycologia, 2007, 99, 544-552.	1.9	19
34	New species and new records of Meliolaceae from Panama. Fungal Diversity, 2015, 70, 73-84.	12.3	18
35	Mapping mycological ignorance â€“ checklists and diversity patterns of fungi known for West Africa. IMA Fungus, 2020, 11, 13.	3.8	17
36	A new genus of Parmulariaceae from Panama. Mycological Progress, 2012, 11, 1-6.	1.4	16

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37	Teliospores of smut fungi teliospore connections, appendages, and germ pores studied by electron microscopy; phylogenetic discussion of characteristics of teliospores. Protoplasma, 1998, 204, 202-218.	2.1	15
38	Brassicaceous roots as an unexpected diversity hot-spot of helotialean endophytes. IMA Fungus, 2020, 11, 16.	3.8	15
39	A new species and a new record of Diatrypaceae from Panama. Mycologia, 2013, 105, 681-688.	1.9	14
40	Panama, a hot spot for Hermatomyces (Hermatomycetaceae, Pleosporales) with five new species, and a critical synopsis of the genus. IMA Fungus, 2018, 9, 107-141.	3.8	14
41	Aerosol measurement methods to quantify spore emissions from fungi and cryptogamic covers in the Amazon. Atmospheric Measurement Techniques, 2020, 13, 153-164.	3.1	14
42	The species of Cintractia s.l. (Ustilaginales, Basidiomycota). Nova Hedwigia, 2000, 70, 289-372.	0.4	14
43	Noteworthy germinations of some Costa Rican Ustilaginales. Mycological Research, 1995, 99, 853-858.	2.5	13
44	Root endophytic fungi show low levels of interspecific competition in planta. Fungal Ecology, 2019, 39, 184-191.	1.6	13
45	New species and records of Asterina from Panama. Mycological Progress, 2008, 7, 87-98.	1.4	12
46	Leaf shedding and weather in tropical dry-seasonal forest shape the phenology of fungi â€“ Lessons from two years of monthly surveys in southwestern Panama. Fungal Ecology, 2015, 18, 83-92.	1.6	12
47	Georatusin, a Specific Antiparasitic Polyketideâ€“Peptide Hybrid from the Fungus Geomyces auratus. Organic Letters, 2018, 20, 1563-1567.	4.6	12
48	Diversity of Fungi in Soils with Different Degrees of Degradation in Germany and Panama. Mycobiology, 2020, 48, 20-28.	1.7	12
49	The Phylogenetic Placement ofErnakulamia cochinensiswithin Pleosporales (Dothideomycetes,) Tj ETQq1 1 0.784314 rgBT /Ov	1.0	12
50	Known and two new species of Rhytisma (Rhytismatales, Ascomycota) from China. Mycopathologia, 2005, 159, 299-306.	3.1	11
51	Species of Rhytismataceae on needles of Juniperus spp. from China. Canadian Journal of Botany, 2005, 83, 37-46.	1.1	11
52	Hormographiella verticillata and an Ozonium stage as anamorphs of Coprinellus domesticus. Antonie Van Leeuwenhoek, 2006, 89, 79-90.	1.7	11
53	Low diversity and abundance of root endophytes prevail throughout the life cycle of an annual halophyte. Mycological Progress, 2016, 15, 1303-1311.	1.4	11
54	Phytotoxic dioxolanones are potential virulence factors in the infection process of Guignardia bidwellii. Scientific Reports, 2017, 7, 8926.	3.3	11

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55	The effects of fungal root endophytes on plant growth are stable along gradients of abiotic habitat conditions. FEMS Microbiology Ecology, 2018, 94, .	2.7	11
56	Morphological and genetic diversification ofRussula floriformis, sp. nov., along the Isthmus of Panama. Mycologia, 2021, 113, 807-827.	1.9	11
57	First Isolation of the Anamorphic Basidiomycetous Yeast Trichosporon faecale in Germany, from the Skin of a Patient with Tinea pedis. Mycopathologia, 2008, 165, 149-153.	3.1	10
58	A new species of Puccinia (Pucciniales, Basidiomycota) and new records of rust fungi from Panama. Mycological Progress, 2008, 7, 161-168.	1.4	10
59	A new species, Dicheirinia panamensis, and new records of rust fungi from Panama. Mycological Progress, 2007, 6, 81-91.	1.4	9
60	Aurantiosporium, a new genus forUstilago subnitens (Ustilaginales). Plant Systematics and Evolution, 1996, 199, 53-64.	0.9	8
61	A New Species of Rhytisma Causes Tar Spot on Comarostaphylis arbutoides (Ericaceae) in Panama. Mycopathologia, 2010, 169, 225-229.	3.1	8
62	A new darkly pigmented and keratinolytic species of Acremonium (Hyphomycetes) with relationship to the Plectosphaerellaceae from human skin and nail lesions in Panama. Nova Hedwigia, 2010, 90, 457-468.	0.4	8
63	Biodiversity of Asterina species on Neotropical host plants: new species and records from Panama. Mycologia, 2011, 103, 1284-1301.	1.9	8
64	Revision of the genus Graphiola (Exobasidiales, Basidiomycota). Nova Hedwigia, 2012, 94, 67-96.	0.4	8
65	Molecular-Based Diversity Studies and Field Surveys Are Not Mutually Exclusive: On the Importance of Integrated Methodologies in Mycological Research. Frontiers in Fungal Biology, 2022, 3, .	2.0	8
66	Trichocintractia, a new genus for Cintractia utriculicola (Ustilaginales). Canadian Journal of Botany, 1995, 73, 1089-1096.	1.1	7
67	New and poorly known smut fungi in Cuba. Mycological Research, 1999, 103, 459-467.	2.5	7
68	New species and new records of smut fungi from China. Mycological Progress, 2002, 1, 399-407.	1.4	7
69	New species and records of cercosporoid hyphomycetes from Panama. Mycological Progress, 2006, 5, 207-219.	1.4	7
70	New records, host plants, morphological and molecular data of Exobasidiales (Basidiomycota) from Panama. Nova Hedwigia, 2010, 91, 231-242.	0.4	7
71	Asterotexis cucurbitacearum, a poorly known pathogen of Cucurbitaceae new to Costa Rica, Grenada and Panama. Mycology, 2011, 2, 87-90.	4.4	7
72	Contribution to the phylogeny and a new species of Coccodiella (Phyllachorales). Mycological Progress, 2018, 17, 205-213.	1.4	7

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73	Diversity of Trametes (Polyporales, Basidiomycota) in tropical Benin and description of new species Trametes parvispora. MycoKeys, 2020, 65, 25-47.	1.9	7
74	Occurrence and chemotaxonomical analysis of amatoxins in Lepiota spp. (Agaricales). Phytochemistry, 2022, 195, 113069.	2.9	7
75	Erratomyces, a New Genus of Tilletiales with Species on Leguminosae. Mycologia, 1997, 89, 924.	1.9	6
76	Preliminary annotated checklist of Gasteromycetes in Panama. Nova Hedwigia, 2009, 89, 519-543.	0.4	6
77	Lactifluus (Russulaceae) diversity in Central America and the Caribbean: melting pot between realms. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2020, 44, 278-300.	4.4	6
78	A new species of the elm powdery mildew species complex (Erysiphaceae) on Chinese elm (Ulmus parvifolia) in East Asia segregated from Erysiphe ulmi . Phytotaxa, 2020, 447, 276-282.	0.3	6
79	Two new hyphomycetes parasitic on leaves of Maianthemum species in Panama. Mycological Progress, 2008, 7, 21-29.	1.4	5
80	New species and new records of Rhytismatales from Panama. Mycologia, 2009, 101, 565-572.	1.9	5
81	Pioneer forays for fungi in the DariÃ©n Province in Eastern Panama: quintuplicating the knowledge on fungi in this area by five days of fieldwork. Biodiversity and Conservation, 2011, 20, 2511-2526.	2.6	5
82	A new pycnidial fungus with clamped hyphae from Central America. Mycological Progress, 2012, 11, 561-568.	1.4	5
83	Comprehensive analysis of the volatilome of Scytinostroma portentosum. Mycological Progress, 2018, 17, 417-424.	1.4	5
84	Four rhytismataceous ascomycetes on needles of pine from China. Nova Hedwigia, 2006, 83, 511-522.	0.4	5
85	Four new species of Russula subsection Roseinae from tropical montane forests in western Panama. PLoS ONE, 2021, 16, e0257616.	2.5	5
86	Spatial risk assessment of radiocesium contamination of edible mushrooms â€“ Lessons from a highly frequented recreational area. Science of the Total Environment, 2022, 807, 150861.	8.0	5
87	New neotropical species of Phyllachorales based on molecular, morphological, and ecological data. Mycologia, 2018, 110, 835-859.	1.9	4
88	Unravelling unexplored diversity of cercosporoid fungi (Mycosphaerellaceae, Mycosphaerellales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.9	4
89	Fungal Biodiversity Profiles 111-120. Cryptogamie, Mycologie, 2022, 43, .	1.0	4
90	Taxonomic studies on Ustilaginales from Costa Rica. Mycological Research, 1995, 99, 783-788.	2.5	3

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91	New species of smut fungi from the neotropics. Mycological Research, 2001, 105, 757-767.	2.5	3
92	Correlation of diversity of rust fungi and their host plants with disturbance and conservation of vegetation in western Panama. Biodiversity and Conservation, 2012, 21, 2323-2339.	2.6	3
93	Microchrysosphaera graminicola, an enigmatic new genus and species in the Hypocreales from Panama. Mycological Progress, 2015, 14, 1.	1.4	3
94	Ascospore release in apple scab underlies infrared sensation. Fungal Biology, 2017, 121, 1054-1062.	2.5	3
95	Dendroseptoria mucilaginosa: a new anamorphic fungus with stauroconidia and phylogenetic placement of Dendroseptoria. Mycological Progress, 2017, 16, 1065-1070.	1.4	3
96	Phylogenetics and taxonomy of Telimenaceae (Phyllachorales) from Central America. Mycological Progress, 2020, 19, 1587-1599.	1.4	3
97	Two new species in a new genus and a critical revision of Brachybasidiaceae (Exobasidiales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	3
98	Texas microfungi: Hermatomyces amphisporus (Pleosporales, Dothideomycetes) revisited.. Czech Mycology, 2020, 72, 95-107.	0.5	3
99	Nucleotide composition bias of rDNA sequences as a source of phylogenetic artifacts in Basidiomycotaâ€"a case of a new lineage of a uredinicolous Ramularia-like anamorph with affinities to Ustilaginomycotina. Mycological Progress, 2021, 20, 1553-1571.	1.4	3
100	Smut fungi (Ustilaginomycetes and Microbotryales, Basidiomycota) in Panama. Revista De Biologia Tropical, 2001, 49, 411-28.	0.4	3
101	Edible tubers formed by roots of Juncus microcephalus Kunth in H.B.K.. Feddes Repertorium, 2008, 111, 567-570.	0.5	2
102	Tropische Pilze. Biologie in Unserer Zeit, 2012, 42, 294-301.	0.2	2
103	Two new species ofPassaloraandPericoniella(cercosporoid hyphomycetes) from Panama. Cryptogamie, Mycologie, 2014, 35, 151-156.	1.0	2
104	New records of three Ramichloridium species onÂbanana leaves in Panama and Taiwan. Mycoscience, 2014, 55, 260-267.	0.8	2
105	Fungal diversity in the tropics: Entoloma spp. in Panama. Mycological Progress, 2022, 21, 93-145.	1.4	2
106	Hyperparasitic Fungi on Black Mildews (Meliolales, Ascomycota): Hidden Fungal Diversity in the Tropics. Frontiers in Fungal Biology, 2022, 3, .	2.0	2
107	Promoting teaching and research on African fungi by field schools on tropical mycology in Benin. IMA Fungus, 2017, 8, A74-A77.	3.8	1
108	Animated life cycles of fungi and plants with spores for teaching. Journal of Biological Education, 2018, 52, 130-142.	1.5	1

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109	Editorial to the topical collection dedicated to Prof. Dr. Franz Oberwinkler. Mycological Progress, 2019, 18, 313-319.	1.4	1
110	CHAPTER 1: Introduction to Mycology. , 2015, , 1-10.		1
111	Systematics, taxonomy, and distribution of species of Myriogenospora G.F. Atk. (Clavicipitaceae,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.4	1
112	New and interesting species of Agaricomycetes from Panama. Phytotaxa, 2021, 529, 1-26.	0.3	1
113	Two endoparasitic powdery mildews (Erysiphales, Phyllactinieae) from Panama: Phyllactinia obclavata and Leveillula contractirostris. Tropical Plant Pathology, 2017, 42, 321-327.	1.5	0
114	CHAPTER 3: Kingdom Fungi, the True Fungi. , 2015, , 21-24.		0
115	CHAPTER 7: Other Groups of True Fungi (Fungi). , 2015, , 279-300.		0
116	CHAPTER 9: Slime Moldsâ€•Fungus-Like Organisms. , 2015, , 313-325.		0
117	CAPITULO 7: Otros Grupos de Hongos Verdaderos (Fungi). , 2015, , 279-300.		0
118	CHAPTER 8: Straminipila (Heterokonta)â€•Fungus-Like Organisms. , 2015, , 301-312.		0
119	Material Atrasado. , 2015, , 327-366.		0
120	CAPITULO 6: Los LÃquenes, Hongos que Viven con Fotobiontes. , 2015, , 259-278.		0
121	CHAPTER 4: Basidiomycota. , 2015, , 25-136.		0
122	CAPITULO 2: IntroducciÃ³n a los Hongos y Organismos Parecidos a los Hongos. , 2015, , 11-20.		0
123	CHAPTER 2: Introduction to the Fungus and Fungus-Like Organisms. , 2015, , 11-20.		0
124	CHAPTER 6: Lichens, Living Fungi with Photobionts. , 2015, , 259-278.		0
125	CAPITULO 9: Mohos Mucilaginososâ€"Organismos Parecidos a los Hongos. , 2015, , 313-325.		0
126	CAPITULO 3: El Reino Fungi, los Hongos Verdaderos. , 2015, , 21-24.		0

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127	Material Anterior. , 2015, , i-x.		0
128	CHAPTER 5: Ascomycota. , 2015, , 137-258.		0
129	CAPITULO 1: IntroducciÃ³n a la MicologÃa. , 2015, , 1-10.		0
130	CAPITULO 4: Basidiomycota. , 2015, , 25-136.		0
131	CAPITULO 5: Ascomycota. , 2015, , 137-258.		0
132	CAPITULO 8: Straminipila (Heterokonta)â€"Organismos Parecidos a los Hongos. , 2015, , 301-312.		0
133	Three new records of plant parasitic phyllosphere fungi from Panama: Annellophora phoenicis, Cercospora corniculatae, and Sclerotium coffeicola. Check List, 2018, 14, 93-100.	0.4	0
134	New records and data on rust fungi (Pucciniales, Basidiomycota) in Benin. Phytotaxa, 2022, 548, 127-145.	0.3	0