

Manfred Binder

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

10,170
citations

109321

35
h-index

155660

55
g-index

55
all docs

55
docs citations

55
times ranked

7952
citing authors

#	ARTICLE	IF	CITATIONS
1	Cultural and cytological characterization of <i>Dacryopinax primogenitus</i> , a new species in the <i>Dacrymycetes</i> with a fully sequenced genome. <i>Mycologia</i> , 2016, 108, 457-468.	1.9	4
2	Ectomycorrhizal ecology is imprinted in the genome of the dominant symbiotic fungus <i>Cenococcum geophilum</i> . <i>Nature Communications</i> , 2016, 7, 12662.	12.8	156
3	Evolutionary relationships of <i>Heimioporus</i> and <i>Boletellus</i> (Boletales), with an emphasis on Australian taxa including new species and new combinations in <i>Aureoboletus</i> , <i>Hemileccinum</i> and <i>Xerocomus</i> . <i>Australian Systematic Botany</i> , 2015, 28, 1.	0.9	32
4	Molecular phylogeny, morphology, pigment chemistry and ecology in <i>Hygrophoraceae</i> (Agaricales). <i>Fungal Diversity</i> , 2014, 64, 1-99.	12.3	108
5	Australasian sequestrate fungi 18: <i>Soliococcus polychromus</i> gen. & sp. nov., a richly colored, tropical to subtropical, hypogeous fungus. <i>Mycologia</i> , 2013, 105, 888-895.	1.9	26
6	Gene make-up: rapid and massive intron gains after horizontal transfer of a bacterial α -amylase gene to Basidiomycetes. <i>BMC Evolutionary Biology</i> , 2013, 13, 40.	3.2	49
7	Phylogenetic and phylogenomic overview of the Polyporales. <i>Mycologia</i> , 2013, 105, 1350-1373.	1.9	259
8	Phylogenetic overview of the Boletineae. <i>Fungal Biology</i> , 2013, 117, 479-511.	2.5	143
9	Diversity and evolution of ectomycorrhizal host associations in the Sclerodermatineae (Boletales). <i>Trends in Microbiology</i> , 2013, 21, 73-78.	7.3	73
10	The genome of the xerotolerant mold <i>Wallemia sebi</i> reveals adaptations to osmotic stress and suggests cryptic sexual reproduction. <i>Fungal Genetics and Biology</i> , 2012, 49, 217-226.	2.1	103
11	Affinities of the <i>Boletus chromapes</i> group to <i>Royoungia</i> and the description of two new genera, <i>Harrya</i> and <i>Australopilus</i> . <i>Australian Systematic Botany</i> , 2012, 25, 418.	0.9	46
12	<i>Sutorius</i> : a new genus for <i>Boletus eximius</i> . <i>Mycologia</i> , 2012, 104, 951-961.	1.9	57
13	The Paleozoic Origin of Enzymatic Lignin Decomposition Reconstructed from 31 Fungal Genomes. <i>Science</i> , 2012, 336, 1715-1719.	12.6	1,424
14	The phylogeny of selected <i>Phylloporus</i> species, inferred from NUC-LSU and ITS sequences, and descriptions of new species from the Old World. <i>Fungal Diversity</i> , 2012, 55, 109-123.	12.3	37
15	Molecular phylogenetics of the Gloeophyllales and relative ages of clades of Agaricomycotina producing a brown rot. <i>Mycologia</i> , 2011, 103, 510-524.	1.9	69
16	EFFECTS OF GASTEROID FRUITING BODY MORPHOLOGY ON DIVERSIFICATION RATES IN THREE INDEPENDENT CLADES OF FUNGI ESTIMATED USING BINARY STATE SPECIATION AND EXTINCTION ANALYSIS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1305-1322.	2.3	63
17	Evolutionary history of Serpulaceae (Basidiomycota): molecular phylogeny, historical biogeography and evidence for a single transition of nutritional mode. <i>BMC Evolutionary Biology</i> , 2011, 11, 230.	3.2	64
18	The Plant Cell Wall "Decomposing Machinery Underlies the Functional Diversity of Forest Fungi. <i>Science</i> , 2011, 333, 762-765.	12.6	512

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19	Amylocorticiales ord. nov. and Jaapiales ord. nov.: Early diverging clades of Agaricomycetidae dominated by corticioid forms. <i>Mycologia</i> , 2010, 102, 865-880.	1.9	165
20	<i>Durianella</i> , a new gasteroid genus of boletes from Malaysia. <i>Mycologia</i> , 2008, 100, 956-961.	1.9	37
21	A new genus of Boletaceae from eastern North America. <i>Mycologia</i> , 2007, 99, 310-316.	1.9	20
22	A new genus of Boletaceae from eastern North America. <i>Mycologia</i> , 2007, 99, 310-316.	1.9	24
23	Contributions of <i>rpb2</i> and <i>tef1</i> to the phylogeny of mushrooms and allies (Basidiomycota, Fungi). <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 430-451.	2.7	341
24	Phylogenetic diversity of lichen-associated homobasidiomycetes. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 778-789.	2.7	65
25	A higher-level phylogenetic classification of the Fungi. <i>Mycological Research</i> , 2007, 111, 509-547.	2.5	1,994
26	Phylogenetic placement of <i>Diplocystis wrightii</i> in the Sclerodermatineae (Boletales) based on nuclear ribosomal large subunit DNA sequences. <i>Mycoscience</i> , 2007, 48, 66-69.	0.8	8
27	Molecular systematics and biological diversification of Boletales. <i>Mycologia</i> , 2006, 98, 971-981.	1.9	167
28	Phylogeny and a new species of <i>Sparassis</i> (Polyporales, Basidiomycota): evidence from mitochondrial <i>atp6</i> , nuclear rDNA and <i>rpb2</i> genes. <i>Mycologia</i> , 2006, 98, 584-592.	1.9	25
29	Molecular systematics and biological diversification of Boletales. <i>Mycologia</i> , 2006, 98, 971-981.	1.9	215
30	Reconstructing the early evolution of Fungi using a six-gene phylogeny. <i>Nature</i> , 2006, 443, 818-822.	27.8	1,625
31	Evolution of helotialean fungi (Leotiomycetes, Pezizomycotina): A nuclear rDNA phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 295-312.	2.7	165
32	A new <i>Sparassis</i> species from Spain described using morphological and molecular data. <i>Mycological Research</i> , 2006, 110, 1227-1231.	2.5	6
33	Evolutionary relationships of <i>Mycaureola dilseae</i> (Agaricales), a basidiomycete pathogen of a subtidal rhodophyte. <i>American Journal of Botany</i> , 2006, 93, 547-556.	1.7	58
34	Life history and systematics of the aquatic discomycete <i>Mitrula</i> (Helotiales, Ascomycota) based on cultural, morphological, and molecular studies. <i>American Journal of Botany</i> , 2005, 92, 1565-1574.	1.7	51
35	The phylogenetic distribution of resupinate forms across the major clades of mushroom-forming fungi (Homobasidiomycetes). <i>Systematics and Biodiversity</i> , 2005, 3, 113-157.	1.2	340
36	Phylogenetic Relationships of <i>Sparassis</i> Inferred from Nuclear and Mitochondrial Ribosomal DNA and RNA Polymerase Sequences. <i>Mycologia</i> , 2004, 96, 1015.	1.9	35

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37	Species Recognition, Geographic Distribution and Host-Pathogen Relationships: A Case Study in a Group of Lignicolous Basidiomycetes, <i>Phellinus</i> s.l.. <i>Mycologia</i> , 2004, 96, 799.	1.9	28
38	Phylogenetic relationships of cyphelloid homobasidiomycetes. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 501-515.	2.7	92
39	Assembling the fungal tree of life: progress, classification, and evolution of subcellular traits. <i>American Journal of Botany</i> , 2004, 91, 1446-1480.	1.7	718
40	<i>Sparassis cystidiosa</i> sp. nov. from Thailand Is Described Using Morphological and Molecular Data. <i>Mycologia</i> , 2004, 96, 1010.	1.9	15
41	Phylogenetic relationships of <i>Sparassis</i> inferred from nuclear and mitochondrial ribosomal DNA and RNA polymerase sequences. <i>Mycologia</i> , 2004, 96, 1015-1029.	1.9	48
42	<i>Sparassis cystidiosa</i> sp. nov. from Thailand is described using morphological and molecular data. <i>Mycologia</i> , 2004, 96, 1010-1014.	1.9	16
43	A New Species of <i>Cudonia</i> Based on Morphological and Molecular Data. <i>Mycologia</i> , 2002, 94, 641.	1.9	9
44	Derivation of a polymorphic lineage of Gasteromycetes from boletoid ancestors. <i>Mycologia</i> , 2002, 94, 85-98.	1.9	94
45	A new species of <i>Cudonia</i> based on morphological and molecular data. <i>Mycologia</i> , 2002, 94, 641-650.	1.9	16
46	Derivation of a Polymorphic Lineage of Gasteromycetes from Boletoid Ancestors. <i>Mycologia</i> , 2002, 94, 85.	1.9	44
47	Higher-Level Phylogenetic Relationships of Homobasidiomycetes (Mushroom-Forming Fungi) Inferred from Four rDNA Regions. <i>Molecular Phylogenetics and Evolution</i> , 2002, 22, 76-90.	2.7	140
48	Evolution of complex fruiting body morphologies in homobasidiomycetes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1963-1969.	2.6	179
49	The Lycoperdales. A Molecular Approach to the Systematics of Some Gasteroid Mushrooms. <i>Mycologia</i> , 2001, 93, 947.	1.9	21
50	Evolution of Marine Mushrooms. <i>Biological Bulletin</i> , 2001, 201, 319-322.	1.8	42
51	Phylogenetic relationships of the marine gasteromycete <i>Nia vibrissa</i> . <i>Mycologia</i> , 2001, 93, 679-688.	1.9	29
52	Phylogenetic analyses of <i>Aleurodiscus</i> s.l. and allied genera. <i>Mycologia</i> , 2001, 93, 720-731.	1.9	28
53	The Lycoperdales. A molecular approach to the systematics of some gasteroid mushrooms. <i>Mycologia</i> , 2001, 93, 947-957.	1.9	42
54	Phylogenetic Relationships of the Marine Gasteromycete <i>Nia vibrissa</i> . <i>Mycologia</i> , 2001, 93, 679.	1.9	19

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55	Phylogenetic Analyses of Aleurodiscus s.l. and Allied Genera. Mycologia, 2001, 93, 720.	1.9	24