

Manfred Binder

List of Publications by Year in descending order

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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	A higher-level phylogenetic classification of the Fungi. <i>Mycological Research</i> , 2007, 111, 509-547.	2.5	1,994
2	Reconstructing the early evolution of Fungi using a six-gene phylogeny. <i>Nature</i> , 2006, 443, 818-822.	27.8	1,625
3	The Paleozoic Origin of Enzymatic Lignin Decomposition Reconstructed from 31 Fungal Genomes. <i>Science</i> , 2012, 336, 1715-1719.	12.6	1,424
4	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
5	The Plant Cell Wallâ€™Decomposing Machinery Underlies the Functional Diversity of Forest Fungi. <i>Science</i> , 2011, 333, 762-765.	12.6	512
6	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
7	The phylogenetic distribution of resupinate forms across the major clades of mushroomâ€™forming fungi (Homobasidiomycetes). <i>Systematics and Biodiversity</i> , 2005, 3, 113-157.	1.2	340
8	Phylogenetic and phylogenomic overview of the Polyporales. <i>Mycologia</i> , 2013, 105, 1350-1373.	1.9	259
9	Molecular systematics and biological diversification of Boletales. <i>Mycologia</i> , 2006, 98, 971-981.	1.9	215
10	Evolution of complex fruitingâ€™body morphologies in homobasidiomycetes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1963-1969.	2.6	179
11	Molecular systematics and biological diversification of Boletales. <i>Mycologia</i> , 2006, 98, 971-981.	1.9	167
12	Evolution of helotialean fungi (Leotiomyces, Pezizomycotina): A nuclear rDNA phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 295-312.	2.7	165
13	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
14	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
15	Phylogenetic overview of the Boletineae. <i>Fungal Biology</i> , 2013, 117, 479-511.	2.5	143
16	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
17	Molecular phylogeny, morphology, pigment chemistry and ecology in Hygrophoraceae (Agaricales). <i>Fungal Diversity</i> , 2014, 64, 1-99.	12.3	108
18	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

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19	Derivation of a polymorphic lineage of Gasteromycetes from boletoid ancestors. <i>Mycologia</i> , 2002, 94, 85-98.	1.9	94
20	Phylogenetic relationships of cyphelloid homobasidiomycetes. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 501-515.	2.7	92
21	Diversity and evolution of ectomycorrhizal host associations in the Sclerodermatineae (Boletales). <i>Trends in Microbiology</i> , 2004, 12, 73-78.	7.3	73
22	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
23	Phylogenetic diversity of lichen-associated homobasidiomycetes. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 778-789.	2.7	65
24	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
25	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
26	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
27	<i>Sutorius</i> : a new genus for <i>Boletus eximius</i> . <i>Mycologia</i> , 2012, 104, 951-961.	1.9	57
28	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
29	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
30	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
31	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
32	Derivation of a Polymorphic Lineage of Gasteromycetes from Boletoid Ancestors. <i>Mycologia</i> , 2002, 94, 85.	1.9	44
33	Evolution of Marine Mushrooms. <i>Biological Bulletin</i> , 2001, 201, 319-322.	1.8	42
34	The Lycoperdales. A molecular approach to the systematics of some gasteroid mushrooms. <i>Mycologia</i> , 2001, 93, 947-957.	1.9	42
35	<i>Durianella</i> , a new gasteroid genus of boletes from Malaysia. <i>Mycologia</i> , 2008, 100, 956-961.	1.9	37
36	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

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37	Phylogenetic Relationships of Sparassis Inferred from Nuclear and Mitochondrial Ribosomal DNA and RNA Polymerase Sequences. Mycologia, 2004, 96, 1015.	1.9	35
38	Evolutionary relationships of Heimioporus and Boletellus (Boletales), with an emphasis on Australian taxa including new species and new combinations in Aureoboletus, Hemileccinum and Xerocomus. Australian Systematic Botany, 2015, 28, 1.	0.9	32
39	Phylogenetic relationships of the marine gasteromycete <i>Nia vibrissa</i> . Mycologia, 2001, 93, 679-688.	1.9	29
40	Phylogenetic analyses of Aleurodiscus s.l. and allied genera. Mycologia, 2001, 93, 720-731.	1.9	28
41	Species Recognition, Geographic Distribution and Host-Pathogen Relationships: A Case Study in a Group of Lignicolous Basidiomycetes, Phellinus s.l.. Mycologia, 2004, 96, 799.	1.9	28
42	Australasian sequestrate fungi 18: <i>Soliococcus polychromus</i> gen. & sp. nov., a richly colored, tropical to subtropical, hypogeous fungus. Mycologia, 2013, 105, 888-895.	1.9	26
43	Phylogeny and a new species of Sparassis (Polyporales, Basidiomycota): evidence from mitochondrial atp6, nuclear rDNA and rpb2 genes. Mycologia, 2006, 98, 584-592.	1.9	25
44	Phylogenetic Analyses of Aleurodiscus s.l. and Allied Genera. Mycologia, 2001, 93, 720.	1.9	24
45	A new genus of Boletaceae from eastern North America. Mycologia, 2007, 99, 310-316.	1.9	24
46	The Lycoperdales. A Molecular Approach to the Systematics of Some Gasteroid Mushrooms. Mycologia, 2001, 93, 947.	1.9	21
47	A new genus of Boletaceae from eastern North America. Mycologia, 2007, 99, 310-316.	1.9	20
48	Phylogenetic Relationships of the Marine Gasteromycete <i>Nia vibrissa</i> . Mycologia, 2001, 93, 679.	1.9	19
49	A new species of <i>Cudonia</i> based on morphological and molecular data. Mycologia, 2002, 94, 641-650.	1.9	16
50	<i>Sparassis cystidiosa</i> sp. nov. from Thailand is described using morphological and molecular data. Mycologia, 2004, 96, 1010-1014.	1.9	16
51	<i>Sparassis cystidiosa</i> sp. nov. from Thailand Is Described Using Morphological and Molecular Data. Mycologia, 2004, 96, 1010.	1.9	15
52	A New Species of <i>Cudonia</i> Based on Morphological and Molecular Data. Mycologia, 2002, 94, 641.	1.9	9
53	Phylogenetic placement of <i>Diplocystis wrightii</i> in the Sclerodermatineae (Boletales) based on nuclear ribosomal large subunit DNA sequences. Mycoscience, 2007, 48, 66-69.	0.8	8
54	A new <i>Sparassis</i> species from Spain described using morphological and molecular data. Mycological Research, 2006, 110, 1227-1231.	2.5	6

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55	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