Bryn T M Dentinger

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1420546/publications.pdf

Version: 2024-02-01

57	6,973	331670	149698
papers	citations	21 h-index	56 g-index

64	64	64	8607
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6241-6246.	7.1	4,012
2	Assembling the fungal tree of life: progress, classification, and evolution of subcellular traits. American Journal of Botany, 2004, 91, 1446-1480.	1.7	718
3	Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau061-bau061.	3.0	272
4	Fungal diversity notes 253â€“366: taxonomic and phylogenetic contributions to fungal taxa. Fungal Diversity, 2016, 78, 1-237.	12.3	239
5	Longâ€term increase in nitrogen supply alters aboveâ€and belowâ€ground ectomycorrhizal communities and increases the dominance of Russula spp. in a temperate oak savanna. New Phytologist, 2003, 160, 239-253.	7.3	216
6	Long-term nitrogen addition causes the evolution of less-cooperative mutualists. Evolution; International Journal of Organic Evolution, 2015, 69, 631-642.	2.3	179
7	Molecular phylogenetics of porcini mushrooms (Boletus section Boletus). Molecular Phylogenetics and Evolution, 2010, 57, 1276-1292.	2.7	126
8	Molecular phylogeny, morphology, pigment chemistry and ecology in Hygrophoraceae (Agaricales). Fungal Diversity, 2014, 64, 1-99.	12.3	108
9	Rapid and reliable highâ€throughput methods of DNA extraction for use in barcoding and molecular systematics of mushrooms. Molecular Ecology Resources, 2010, 10, 628-633.	4.8	106
10	Comparing COI and ITS as DNA Barcode Markers for Mushrooms and Allies (Agaricomycotina). PLoS ONE, 2011, 6, e25081.	2.5	105
11	Scaling up discovery of hidden diversity in fungi: impacts of barcoding approaches. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150336.	4.0	84
12	Tales from the crypt: genome mining from fungarium specimens improves resolution of the mushroom tree of life. Biological Journal of the Linnean Society, 2016, 117, 11-32.	1.6	77
13	Disentangling visual and olfactory signals in mushroomâ€mimicking Dracula orchids using realistic threeâ€dimensional printed flowers. New Phytologist, 2016, 210, 1058-1071.	7.3	71
14	Assembling the Fungal Tree of Life: constructing the Structural and Biochemical Database. Mycologia, 2006, 98, 850-859.	1.9	68
15	The mushroom family Psathyrellaceae: Evidence for large-scale polyphyly of the genus Psathyrella. Molecular Phylogenetics and Evolution, 2008, 46, 415-429.	2.7	56
16	Reconstructing the Clavariaceae using nuclear large subunit rDNA sequences and a new genus segregated from Clavaria. Mycologia, 2006, 98, 746-762.	1.9	44
17	Whatâ€™s for dinner? Undescribed species of porcini in a commercial packet. PeerJ, 2014, 2, e570.	2.0	39
18	Ectomycorrhizal fungal communities of oak savanna are distinct from forest communities. Mycologia, 2009, 101, 473-483.	1.9	28

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19	Hyphae of waxcap fungi colonise plant roots. Fungal Ecology, 2013, 6, 487-492.	1.6	26
20	Taming the beast: a revised classification of Cortinariaceae based on genomic data. Fungal Diversity, 2022, 112, 89-170.	12.3	24
21	PHYLOGENETIC PLACEMENT OF AN UNUSUAL CORAL MUSHROOM CHALLENGES THE CLASSIC HYPOTHESIS OF STRICT COEVOLUTION IN THEAPTEROSTIGMA PILOSUMGROUP ANT-FUNGUS MUTUALISM. Evolution; International Journal of Organic Evolution, 2009, 63, 2172-2178.	2.3	23
22	New species of Elaphomyces (Elaphomycetaceae, Eurotiales, Ascomycota) from tropical rainforests of Cameroon and Guyana. IMA Fungus, 2016, 7, 59-73.	3.8	23
23	Tomophagus cattienensis sp. nov., a new Ganodermataceae species from Vietnam: Evidence from morphology and ITS DNA barcodes. Mycological Progress, 2012, 11, 775-780.	1.4	20
24	Reconstructing the Clavariaceae using nuclear large subunit rDNA sequences and a new genus segregated from Clavaria. Mycologia, 2006, 98, 746-762.	1.9	19
25	Lost in translation: Population genomics and long-read sequencing reveals relaxation of concerted evolution of the ribosomal DNA cistron. Molecular Phylogenetics and Evolution, 2020, 148, 106804.	2.7	16
26	Two new Tylopilus species (Boletaceae) from Northeastern Atlantic Forest, Brazil. Phytotaxa, 2017, 316, 250.	0.3	15
27	A way forward for wild fungi in international sustainability policy. Conservation Letters, 2022, 15, .	5.7	15
28	Kombocles bakaiana gen. sp. nov. (Boletaceae), a new sequestrate fungus from Cameroon. IMA Fungus, 2016, 7, 239-245.	3.8	14
29	Decoupled genomic elements and the evolution of partnerÂquality in nitrogenâ€fixing rhizobia. Ecology and Evolution, 2016, 6, 1317-1327.	1.9	14
30	A new and unusual species of Hericium (Basidiomycota: Russulales, Hericiaceae) from the Dja Biosphere Reserve, Cameroon. Mycological Progress, 2019, 18, 1253-1262.	1.4	14
31	Reclassification of Parapterulicium Corner (Pterulaceae, Agaricales), contributions to Lachnocladiaceae and Peniophoraceae (Russulales) and introduction of Baltazaria gen. nov.. MycoKeys, 2018, 37, 39-56.	1.9	14
32	Multigene Sequencing Provides a Suitable Epitype, Barcode Sequences and a Precise Systematic Position for the Enigmatic, AfricanCantharellus miniatescens. Cryptogamie, Mycologie, 2016, 37, 269-282.	1.0	13
33	Austroboletus olivaceoglutinosus, a new mushroom species from Sikkim, India with a distinctive green, glutinous pileus. Kew Bulletin, 2015, 70, 1.	0.9	12
34	New Porcini (Boletus sect. Boletus) from Australia and Thailand. Mycologia, 2014, 106, 830-834.	1.9	11
35	New species of xerocomoid boletes (Boletaceae) from Himalayan India based on morphological and molecular evidence. Mycologia, 2016, 108, 753-764.	1.9	11
36	Dracula orchids exploit guilds of fungus visiting flies: new perspectives on a mushroom mimic. Ecological Entomology, 2019, 44, 457-470.	2.2	11

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37	Reclassification of Pterulaceae Corner (Basidiomycota: Agaricales) introducing the ant-associated genus Myrmecopterula gen. nov., Phaeopterula Henn. and the corticioid Radulomycetaceae fam. nov.. IMA Fungus, 2020, 11, 2.	3.8	11
38	DNA barcoding and morphological studies reveal two new species of waxcap mushrooms (Hygrophoraceae) in Britain. MycoKeys, 0, 7, 45-62.	1.9	9
39	Suillus marginielevatus, a new species and S. triacicularis, a new record from Western Himalaya, Pakistan. Phytotaxa, 2015, 203, 169.	0.3	9
40	Emerimicins Vâ€“X, 15-Residue Peptaibols Discovered from an Acremonium sp. through Integrated Genomic and Chemical Approaches. Journal of Natural Products, 2021, 84, 1113-1126.	3.0	9
41	Septal pore apparatus and nuclear division of Auriscalpium vulgare. Mycologia, 2007, 99, 644-654.	1.9	8
42	A snapshot of extinction in action: The decline and imminent demise of the endemic Eligmocarpus Capuron (Caesalpinioideae, Leguminosae) serves as an example of the fragility of Madagascan ecosystems. South African Journal of Botany, 2013, 89, 273-280.	2.5	8
43	Cortinarius subgenus Callistei in North America and Europeâ€”type studies, diversity, and distribution of species. Mycologia, 2016, 108, 1018-1027.	1.9	8
44	New species of Auritella (Inocybaceae) from Cameroon, with a worldwide key to the known species. IMA Fungus, 2017, 8, 287-298.	3.8	8
45	Antibiotics: Relax UK import rule on fungi. Nature, 2013, 496, 169-169.	27.8	7
46	Whatâ€™s for dinner this time?: DNA authentication of â€œwild mushroomsâ€• in food products sold in the USA. PeerJ, 2021, 9, e11747.	2.0	7
47	The melanized layer of Armillaria ostoyae rhizomorphs: Its protective role and functions. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 125, 104934.	3.1	7
48	Cystidial structure in two genera of the Russulales. Botany, 2008, 86, 545-550.	1.0	6
49	On the origin of feces: Fungal diversity, distribution, and conservation implications from feces of small mammals. Environmental DNA, 2022, 4, 608-626.	5.8	5
50	Conservation of cytoplasmic organization in the cystidia ofSuillusspecies. Mycologia, 2008, 100, 539-547.	1.9	4
51	Fungal ingestion in companion animals. Veterinary Record, 2014, 175, 179-180.	0.3	4
52	Boletus himalayensis (Basidiomycota; Boletales), a new porcini species from Pakistan. Turkish Journal of Botany, 2018, 42, 790-800.	1.2	4
53	Boletus recapitulatus (Boletaceae), a new species from India with peculiar mushroom-shaped cells. Phytotaxa, 2015, 236, 150.	0.3	3
54	Hohenbuehelia bonii sp. nov. and H. culmicola: two pearls within the Marram Oyster. Field Mycology, 2016, 17, 78-86.	0.0	3

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55	Cryptic Diversity in Colombian Edible Leaf-Cutting Ants (Hymenoptera: Formicidae). Insects, 2018, 9, 191.	2.2	3
56	Rectipilus afibulatus â€" a new cyphelloid mushroom (Agaricales) from Great Britain. Kew Bulletin, 2015, 70, 1.	0.9	2
57	Septal pore apparatus and nuclear division of Auriscalpium vulgare. Mycologia, 2007, 99, 644-654.	1.9	1