

# Bryn T M Dentinger

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

6,973  
citations

331670

21  
h-index

149698

56  
g-index

64  
all docs

64  
docs citations

64  
times ranked

8607  
citing authors

#	ARTICLE	IF	CITATIONS
1	The melanized layer of <i>Armillaria ostoyae</i> rhizomorphs: Its protective role and functions. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104934.	3.1	7
2	On the origin of feces: Fungal diversity, distribution, and conservation implications from feces of small mammals. <i>Environmental DNA</i> , 2022, 4, 608-626.	5.8	5
3	Taming the beast: a revised classification of Cortinariaceae based on genomic data. <i>Fungal Diversity</i> , 2022, 112, 89-170.	12.3	24
4	A way forward for wild fungi in international sustainability policy. <i>Conservation Letters</i> , 2022, 15, .	5.7	15
5	Emerimicins V&Ecirc;X, 15-Residue Peptaibols Discovered from an <i>Acremonium</i> sp. through Integrated Genomic and Chemical Approaches. <i>Journal of Natural Products</i> , 2021, 84, 1113-1126.	3.0	9
6	What&Ecirc;™s for dinner this time?: DNA authentication of &Ecirc;wild mushrooms&Ecirc; in food products sold in the USA. <i>PeerJ</i> , 2021, 9, e11747.	2.0	7
7	Reclassification of Pterulaceae Corner (Basidiomycota: Agaricales) introducing the ant-associated genus <i>Myrmecopterula</i> gen. nov., <i>Phaeopterula</i> Henn. and the corticioid Radulomycetaceae fam. nov.. <i>IMA Fungus</i> , 2020, 11, 2.	3.8	11
8	Lost in translation: Population genomics and long-read sequencing reveals relaxation of concerted evolution of the ribosomal DNA cistron. <i>Molecular Phylogenetics and Evolution</i> , 2020, 148, 106804.	2.7	16
9	A new and unusual species of <i>Hericium</i> (Basidiomycota: Russulales, Hericiaceae) from the Dja Biosphere Reserve, Cameroon. <i>Mycological Progress</i> , 2019, 18, 1253-1262.	1.4	14
10	<i>Dracula</i> orchids exploit guilds of fungus visiting flies: new perspectives on a mushroom mimic. <i>Ecological Entomology</i> , 2019, 44, 457-470.	2.2	11
11	Cryptic Diversity in Colombian Edible Leaf-Cutting Ants (Hymenoptera: Formicidae). <i>Insects</i> , 2018, 9, 191.	2.2	3
12	Reclassification of <i>Parapterulicium</i> Corner (Pterulaceae, Agaricales), contributions to Lachnocladiaceae and Peniophoraceae (Russulales) and introduction of <i>Baltazaria</i> gen. nov.. <i>MycKeys</i> , 2018, 37, 39-56.	1.9	14
13	<i>Boletus himalayensis</i> (Basidiomycota; Boletales), a new porcini species from Pakistan. <i>Turkish Journal of Botany</i> , 2018, 42, 790-800.	1.2	4
14	Two new <i>Tylopilus</i> species (Boletaceae) from Northeastern Atlantic Forest, Brazil. <i>Phytotaxa</i> , 2017, 316, 250.	0.3	15
15	New species of <i>Auritella</i> (Inocybaceae) from Cameroon, with a worldwide key to the known species. <i>IMA Fungus</i> , 2017, 8, 287-298.	3.8	8
16	<i>Kombocles bakaiana</i> gen. sp. nov. (Boletaceae), a new sequestrate fungus from Cameroon. <i>IMA Fungus</i> , 2016, 7, 239-245.	3.8	14
17	Disentangling visual and olfactory signals in mushroom&Ecirc;mimicking <i>Dracula</i> orchids using realistic three&Ecirc;dimensional printed flowers. <i>New Phytologist</i> , 2016, 210, 1058-1071.	7.3	71
18	New species of <i>Elaphomyces</i> (Elaphomycetaceae, Eurotiales, Ascomycota) from tropical rainforests of Cameroon and Guyana. <i>IMA Fungus</i> , 2016, 7, 59-73.	3.8	23

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19	Decoupled genomic elements and the evolution of partner quality in nitrogen-fixing rhizobia. <i>Ecology and Evolution</i> , 2016, 6, 1317-1327.	1.9	14
20	New species of xerocomoid boletes (Boletaceae) from Himalayan India based on morphological and molecular evidence. <i>Mycologia</i> , 2016, 108, 753-764.	1.9	11
21	Fungal diversity notes 253–366: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2016, 78, 1-237.	12.3	239
22	Scaling up discovery of hidden diversity in fungi: impacts of barcoding approaches. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150336.	4.0	84
23	Tales from the crypt: genome mining from fungarium specimens improves resolution of the mushroom tree of life. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 11-32.	1.6	77
24	<i>Hohenbuehelia bonii</i> sp. nov. and <i>H. culmicola</i> : two pearls within the Marram Oyster. <i>Field Mycology</i> , 2016, 17, 78-86.	0.0	3
25	<i>Cortinarius</i> subgenus <i>Callistei</i> in North America and Europe—type studies, diversity, and distribution of species. <i>Mycologia</i> , 2016, 108, 1018-1027.	1.9	8
26	Multigene Sequencing Provides a Suitable Epitype, Barcode Sequences and a Precise Systematic Position for the Enigmatic, African <i>Cantharellus miniatescens</i> . <i>Cryptogamie, Mycologie</i> , 2016, 37, 269-282.	1.0	13
27	<i>Boletus recapitulatus</i> (Boletaceae), a new species from India with peculiar mushroom-shaped cells. <i>Phytotaxa</i> , 2015, 236, 150.	0.3	3
28	<i>Suillus marginielevatus</i> , a new species and <i>S. triacicularis</i> , a new record from Western Himalaya, Pakistan. <i>Phytotaxa</i> , 2015, 203, 169.	0.3	9
29	<i>Rectipilus afibulatus</i> —a new cyphelloid mushroom (Agaricales) from Great Britain. <i>Kew Bulletin</i> , 2015, 70, 1.	0.9	2
30	Long-term nitrogen addition causes the evolution of less-cooperative mutualists. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 631-642.	2.3	179
31	<i>Austroboletus olivaceoglutinosus</i> , a new mushroom species from Sikkim, India with a distinctive green, glutinous pileus. <i>Kew Bulletin</i> , 2015, 70, 1.	0.9	12
32	What's for dinner? Undescribed species of porcini in a commercial packet. <i>PeerJ</i> , 2014, 2, e570.	2.0	39
33	Fungal ingestion in companion animals. <i>Veterinary Record</i> , 2014, 175, 179-180.	0.3	4
34	Molecular phylogeny, morphology, pigment chemistry and ecology in Hygrophoraceae (Agaricales). <i>Fungal Diversity</i> , 2014, 64, 1-99.	12.3	108
35	New Porcini ( <i>Boletus</i> sect. <i>Boletus</i> ) from Australia and Thailand. <i>Mycologia</i> , 2014, 106, 830-834.	1.9	11
36	Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau061-bau061.	3.0	272

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37	Antibiotics: Relax UK import rule on fungi. <i>Nature</i> , 2013, 496, 169-169.	27.8	7
38	Hyphae of waxcap fungi colonise plant roots. <i>Fungal Ecology</i> , 2013, 6, 487-492.	1.6	26
39	A snapshot of extinction in action: The decline and imminent demise of the endemic <i>Eligmocarpus Capuron</i> (Caesalpinioideae, Leguminosae) serves as an example of the fragility of Madagascar ecosystems. <i>South African Journal of Botany</i> , 2013, 89, 273-280.	2.5	8
40	Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for <i>Fungi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6241-6246.	7.1	4,012
41	<i>Tomophagus cattienensis</i> sp. nov., a new Ganodermataceae species from Vietnam: Evidence from morphology and ITS DNA barcodes. <i>Mycological Progress</i> , 2012, 11, 775-780.	1.4	20
42	Comparing COI and ITS as DNA Barcode Markers for Mushrooms and Allies (Agaricomycotina). <i>PLoS ONE</i> , 2011, 6, e25081.	2.5	105
43	Molecular phylogenetics of porcini mushrooms ( <i>Boletus</i> section <i>Boletus</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 1276-1292.	2.7	126
44	Rapid and reliable high-throughput methods of DNA extraction for use in barcoding and molecular systematics of mushrooms. <i>Molecular Ecology Resources</i> , 2010, 10, 628-633.	4.8	106
45	Ectomycorrhizal fungal communities of oak savanna are distinct from forest communities. <i>Mycologia</i> , 2009, 101, 473-483.	1.9	28
46	PHYLOGENETIC PLACEMENT OF AN UNUSUAL CORAL MUSHROOM CHALLENGES THE CLASSIC HYPOTHESIS OF STRICT COEVOLUTION IN THE <i>APTEROSTIGMA PILOSUM</i> GROUP ANT-FUNGUS MUTUALISM. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2172-2178.	2.3	23
47	The mushroom family Psathyrellaceae: Evidence for large-scale polyphyly of the genus <i>Psathyrella</i> . <i>Molecular Phylogenetics and Evolution</i> , 2008, 46, 415-429.	2.7	56
48	Cystidial structure in two genera of the Russulales. <i>Botany</i> , 2008, 86, 545-550.	1.0	6
49	Conservation of cytoplasmic organization in the cystidia of <i>Suillus</i> species. <i>Mycologia</i> , 2008, 100, 539-547.	1.9	4
50	Septal pore apparatus and nuclear division of <i>Auriscalpium vulgare</i> . <i>Mycologia</i> , 2007, 99, 644-654.	1.9	1
51	Septal pore apparatus and nuclear division of <i>Auriscalpium vulgare</i> . <i>Mycologia</i> , 2007, 99, 644-654.	1.9	8
52	Reconstructing the Clavariaceae using nuclear large subunit rDNA sequences and a new genus segregated from <i>Clavaria</i> . <i>Mycologia</i> , 2006, 98, 746-762.	1.9	19
53	Assembling the Fungal Tree of Life: constructing the Structural and Biochemical Database. <i>Mycologia</i> , 2006, 98, 850-859.	1.9	68
54	Reconstructing the Clavariaceae using nuclear large subunit rDNA sequences and a new genus segregated from <i>Clavaria</i> . <i>Mycologia</i> , 2006, 98, 746-762.	1.9	44

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55	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
56	Long-term increase in nitrogen supply alters above- and below-ground ectomycorrhizal communities and increases the dominance of <i>Russula</i> spp. in a temperate oak savanna. <i>New Phytologist</i> , 2003, 160, 239-253.	7.3	216
57	DNA barcoding and morphological studies reveal two new species of waxcap mushrooms (Hygrophoraceae) in Britain. <i>MycKeys</i> , 0, 7, 45-62.	1.9	9