

# Bart Buyck

## List of Publications by Year in descending order

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88  
papers

3,631  
citations

257450

24  
h-index

155660

55  
g-index

90  
all docs

90  
docs citations

90  
times ranked

2677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal diversity notes 111â€“252â€“ taxonomic and phylogenetic contributions to fungal taxa. Fungal Diversity, 2015, 75, 27-274.	12.3	375
2	Fungal diversity notes 367â€“490: taxonomic and phylogenetic contributions to fungal taxa. Fungal Diversity, 2016, 80, 1-270.	12.3	314
3	Fungal diversity notes 1â€“110: taxonomic and phylogenetic contributions to fungal species. Fungal Diversity, 2015, 72, 1-197.	12.3	304
4	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
5	Notes, outline and divergence times of Basidiomycota. Fungal Diversity, 2019, 99, 105-367.	12.3	256
6	What if esca disease of grapevine were not a fungal disease?. Fungal Diversity, 2012, 54, 51-67.	12.3	185
7	Out of the Palaeotropics? Historical biogeography and diversification of the cosmopolitan ectomycorrhizal mushroom family Inocybaceae. Journal of Biogeography, 2009, 36, 577-592.	3.0	184
8	Molecular phylogeny of the genus <i>Russula</i> in Europe with a comparison of modern infrageneric classifications. Mycological Research, 2002, 106, 259-276.	2.5	113
9	The unbearable lightness of sequenced-based identification. Fungal Diversity, 2019, 96, 243-284.	12.3	89
10	A multilocus phylogeny for worldwide <i>Cantharellus</i> (Cantharellales, Agaricomycetidae). Fungal Diversity, 2014, 64, 101-121.	12.3	75
11	Walking the thin lineâ€“ ten years later: the dilemma of above- versus below-ground features to support phylogenies in the Russulaceae (Basidiomycota). Fungal Diversity, 2018, 89, 267-292.	12.3	73
12	The quest for a globally comprehensible <i>Russula</i> language. Fungal Diversity, 2019, 99, 369-449.	12.3	53
13	The numbers of fungi: are the most speciose genera truly diverse?. Fungal Diversity, 2022, 114, 387-462.	12.3	52
14	Fungal Biodiversity Profiles 11â€“20. Cryptogamie, Mycologie, 2015, 36, 355-380.	1.0	51
15	The Edible Mushrooms of Madagascar: An Evolving Enigma. Economic Botany, 2008, 62, 509-520.	1.7	39
16	<i>Cantharellus</i> (Cantharellales, Basidiomycota) revisited in Europe through a multigene phylogeny. Fungal Diversity, 2017, 83, 263-292.	12.3	38
17	(1919) Proposal to conserve <i>Lactarius</i> nom. cons. (Basidiomycota) with a conserved type. Taxon, 2010, 59, 295-296.	0.7	37
18	Molecular evidence for novel <i>Cantharellus</i> (Cantharellales, Basidiomycota) from tropical African miombo woodland and a key to all tropical African chanterelles. Fungal Diversity, 2013, 58, 281-298.	12.3	35

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19	Fungal Biodiversity Profiles 31–40. <i>Cryptogamie, Mycologie</i> , 2017, 38, 353-406.	1.0	33
20	A Preliminary Checklist of Fungi at the Boston Harbor Islands. <i>Northeastern Naturalist</i> , 2018, 25, 45.	0.3	32
21	Troubles with mycorrhizal mushroom identification where morphological differentiation lags behind barcode sequence divergence. <i>Taxon</i> , 2017, 66, 791-810.	0.7	31
22	Fungal Biodiversity Profiles 21–30. <i>Cryptogamie, Mycologie</i> , 2017, 38, 101-146.	1.0	31
23	New and Interesting <i>Cantharellus</i> from Tropical Africa. <i>Cryptogamie, Mycologie</i> , 2016, 37, 283-327.	1.0	28
24	Species diversity of Basidiomycota. <i>Fungal Diversity</i> , 2022, 114, 281-325.	12.3	28
25	Ectomycorrhizal fungi of the Guinea–Congo Region. <i>Proceedings of the Royal Society of Edinburgh Section B Biological Sciences</i> , 1996, 104, 313-333.	0.2	27
26	<i>Cantharellus aurantioconspicuus</i> (Cantharellales), a new species from Pernambuco, Brazil. <i>Nova Hedwigia</i> , 2012, 94, 129-137.	0.4	24
27	<i>Cantharellus hygrophorus</i> , a New Species in Subgenus <i>Afrocantharellus</i> from Tropical Southwestern China. <i>Cryptogamie, Mycologie</i> , 2014, 35, 283-291.	1.0	24
28	Assessing the Taxonomic Identity of White and Orange Specimens of <i>Cantharellus</i> : Occasional Colour Variants or Independent Species?. <i>Cryptogamie, Mycologie</i> , 2015, 36, 287-300.	1.0	24
29	The Dilemma of Species Recognition in the Field When Sequence Data are not in Phase with Phenotypic Variability. <i>Cryptogamie, Mycologie</i> , 2016, 37, 367-389.	1.0	24
30	Taxonomists are an endangered species in Europe. <i>Nature</i> , 1999, 401, 321-321.	27.8	23
31	Production of Fusaric Acid by <i>Fusarium</i> spp. in Pure Culture and in Solid Medium Co-Cultures. <i>Molecules</i> , 2016, 21, 370.	3.8	23
32	Addition to the inventory of the genus <i>Cantharellus</i> (Basidiomycota, Cantharellaceae) in Tanzania. <i>Nova Hedwigia</i> , 2000, 71, 491-502.	0.4	22
33	<i>Cantharellus solidus</i> , a New Species from Benin (West-Africa) with a Smooth Hymenium. <i>Cryptogamie, Mycologie</i> , 2011, 32, 277-283.	1.0	21
34	Exploring the Diversity of ‘Smooth Chanterelles’ ( <i>Cantharellus</i> , Cantharellales). <i>Cryptogamie, Mycologie</i> , 2014, 35, 23-40.	1.0	21
35	Sequence data reveal a high diversity of <i>Cantharellus</i> associated with endemic vegetation in Madagascar. <i>Fungal Diversity</i> , 2015, 70, 189-208.	12.3	21
36	The <i>Russulas</i> Described by Charles Horton Peck. <i>Cryptogamie, Mycologie</i> , 2018, 39, 3-108.	1.0	21

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37	Setting the Record Straight on North American <i>Cantharellus</i> . <i>Cryptogamie, Mycologie</i> , 2016, 37, 405-417.	1.0	20
38	Type Studies in <i>Russula</i> Subsection <i>Lactarioideae</i> from North America and a Tentative Key to North American Species. <i>Cryptogamie, Mycologie</i> , 2013, 34, 259-279.	1.0	19
39	<i>Cantharellus phloginus</i> , a new pink-colored species from southwestern China. <i>Mycoscience</i> , 2016, 57, 144-149.	0.8	19
40	The genus <i>Lactarius</i> in Madagascar. <i>Mycological Research</i> , 2007, 111, 787-798.	2.5	18
41	<i>Cantharellus zangii</i> , a new subalpine basidiomycete from southwestern China. <i>Mycotaxon</i> , 2012, 120, 99-103.	0.3	18
42	Revisiting the morphology and phylogeny of <i>Lactifluus</i> with three new lineages from southern China. <i>Mycologia</i> , 2015, 107, 941-958.	1.9	18
43	The (re)discovery of ectomycorrhizal symbioses in Neotropical ecosystems sketched in Florianópolis. <i>New Phytologist</i> , 2017, 214, 920-923.	7.3	18
44	Wisconsin Chanterelles Revisited and First Indications for Very Wide Distributions of <i>Cantharellus</i> Species in the United States East of the Rocky Mountains. <i>Cryptogamie, Mycologie</i> , 2016, 37, 345-366.	1.0	18
45	Fungal Biodiversity Profiles 41–50. <i>Cryptogamie, Mycologie</i> , 2017, 38, 527-547.	1.0	18
46	Type Studies on Some <i>Russula</i> Species Described by C.H. Peck. <i>Cryptogamie, Mycologie</i> , 2013, 34, 367-391.	1.0	17
47	<i>Cantharellus coccolobae</i> sp. nov. and <i>Cantharellus garnieri</i> , Two Tropical Members of <i>Cantharellus</i> subgenus <i>Cinnabarinus</i> . <i>Cryptogamie, Mycologie</i> , 2016, 37, 391-403.	1.0	17
48	<i>Russula verrucospora</i> sp. nov. and <i>R. xanthovirens</i> sp. nov., two novel species of <i>Russula</i> (Russulaceae) from southern China. <i>Cryptogamie, Mycologie</i> , 2018, 39, 129-142.	1.0	17
49	Russulaceae Associated with Mycoheterotroph <i>Monotropa uniflora</i> (Ericaceae) in Tlaxcala, Mexico: A Phylogenetic Approach. <i>Cryptogamie, Mycologie</i> , 2015, 36, 479-512.	1.0	16
50	Observations on Some Enigmatic <i>Cantharellus</i> (Cantharellales, Basidiomycota) with Lilac-Violaceous Tints from Africa and Madagascar. <i>Cryptogamie, Mycologie</i> , 2012, 33, 167-179.	1.0	15
51	One Neo- and Four Epitypifications for <i>Cantharellus</i> Species from Tropical African savannah woodlands. <i>Cryptogamie, Mycologie</i> , 2012, 33, 11-17.	1.0	15
52	Tanzanian mushrooms and their uses—1. <i>Russula</i> . <i>Karstenia</i> , 1993, 33, 11-50.	0.4	14
53	Two Novel and a Forgotten <i>Russula</i> Species in sect. <i>Ingratae</i> (Russulales) from Dinghushan Biosphere Reserve in Southern China. <i>Cryptogamie, Mycologie</i> , 2018, 39, 341-357.	1.0	14
54	Three new <i>Russula</i> species in sect. <i>Ingratae</i> (Russulales, Basidiomycota) from southern China. <i>MycKeys</i> , 2021, 84, 103-139.	1.9	14

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55	New and interesting <i>Russula</i> species from Panama. <i>Mycologia</i> , 2002, 94, 888-901.	1.9	13
56	A <i>Russula</i> (Basidiomycota, Russulales) with an Unprecedented Hymenophore Configuration from Northwest Himalaya (India). <i>Cryptogamie, Mycologie</i> , 2011, 32, 185-190.	1.0	13
57	A new species of <i>Cantharellus</i> (Cantharellales, Basidiomycota, Fungi) from subalpine forest in Yunnan, China. <i>Phytotaxa</i> , 2016, 252, 273.	0.3	13
58	Visiting <i>Russula</i> (Russulaceae, Russulales) with samples from southwestern China finds one new subsection of <i>R. subg. Heterophyllidia</i> with two new species. <i>Mycological Progress</i> , 2019, 18, 771-784.	1.4	13
59	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
60	Molecular Analyses of First Collections of <i>Elaphomyces</i> (Elaphomycetaceae, Eurotiales), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Polyphyletic. <i>Cryptogamie, Mycologie</i> , 2016, 37, 3-14.	1.0	12
61	Fungal Biodiversity Profiles 81-90. <i>Cryptogamie, Mycologie</i> , 2019, 40, 57.	1.0	12
62	Untangling the Central African <i>Cantharellus</i> Sect. <i>Tenuus</i> : <i>Cantharellus minutissimus</i> sp. nov. and Epitypification of <i>Cantharellus alboroseus</i> . <i>Cryptogamie, Mycologie</i> , 2016, 37, 329-343.	1.0	12
63	Fungal Biodiversity Profiles 61 - 70. <i>Cryptogamie, Mycologie</i> , 2018, 39, 381.	1.0	12
64	<i>Cantharellus eyssartieri</i> sp. nov. (Cantharellales, Basidiomycota) from Monospecific <i>Uapaca ferruginea</i> Stands near Ranomafana (Eastern Escarpment, Madagascar). <i>Cryptogamie, Mycologie</i> , 2013, 34, 29-34.	1.0	11
65	Taxonomic revision of <i>Russula</i> subsection <i>Amoeninae</i> from South Korea. <i>MycKeys</i> , 2020, 75, 1-29.	1.9	11
66	<i>Russula viridicinnamomea</i> F. Yuan & Y. Song, sp. nov. and <i>R. pseudocatillus</i> F. Yuan & Y. Song, sp. nov., Two New Species from Southern China. <i>Cryptogamie, Mycologie</i> , 2019, 40, 45.	1.0	11
67	Edible mushrooms from Madagascar (2). <i>Clavulina albiramea</i> comb. nov. (Cantharellales), an edible clavarioid fungus shared between African miombo and Malagasy <i>Uapaca</i> woodland. <i>Nova Hedwigia</i> , 2007, 85, 317-330.	0.4	10
68	Phylogeny, biogeography and taxonomic re-assessment of <i>Multifurca</i> (Russulaceae, Russulales) using three-locus data. <i>PLoS ONE</i> , 2018, 13, e0205840.	2.5	10
69	<i>Cantharellus sikkimensis</i> sp. nov. (Cantharellales, Agaricomycetes) from the Indian Himalayas. <i>Phytotaxa</i> , 2015, 222, 267.	0.3	9
70	First report of <i>Pterygellus</i> from Rajmahal hills of Jharkhand (India) and its relation to <i>Craterellus</i> (Hydnaceae, Cantharellales). <i>Phytotaxa</i> , 2017, 306, 201.	0.3	9
71	New <i>Cantharellus</i> species from the Republic of Korea. <i>Mycological Progress</i> , 2017, 16, 753-759.	1.4	9
72	Fungal Biodiversity Profiles 101-110. <i>Cryptogamie, Mycologie</i> , 2021, 42, .	1.0	9

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73	New taxa of pleurotoid Russulaceae. <i>Mycologia</i> , 1999, 91, 532-537.	1.9	8
74	<i>Russula parvovirescens</i> sp. nov., a common but ignored species in the eastern United States. <i>Mycologia</i> , 2006, 98, 612-615.	1.9	8
75	Three Novel Species of <i>Russula</i> Pers. Subg. <i>Compactae</i> (Fr.) Bon from Dinghushan Biosphere Reserve in Southern China. <i>Cryptogamie, Mycologie</i> , 2020, 41, .	1.0	8
76	Multigene Phylogeny and Morphology Reveal Unexpectedly High Number of New Species of <i>Cantharellus</i> Subgenus <i>Parvocantharellus</i> (Hydnaceae, Cantharellales) in China. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 919.	3.5	8
77	<i>Podoserpula mirandasp.</i> nov. (Amylocorticiales, Basidiomycota) from New Caledonia. <i>Cryptogamie, Mycologie</i> , 2012, 33, 453-461.	1.0	7
78	Eputyfication of the Central African <i>Cantharellus densifolius</i> and <i>C. luteopunctatus</i> allows for the recognition of two additional species. <i>MycoKeys</i> , 2019, 49, 49-72.	1.9	7
79	New <i>Cantharellus</i> species from South Korea. <i>MycoKeys</i> , 2020, 76, 31-47.	1.9	7
80	Almost One Century Laterâ€¦   <i>Cantharellus avellaneus</i> Finally Rediscovered!. <i>Cryptogamie, Mycologie</i> , 2016, 37, 259-268.	1.0	7
81	Morphological and Phylogenetic Evidences Reveal Four New Species of <i>Cantharellus</i> Subgenus <i>Cantharellus</i> (Hydnaceae, Cantharellales) From China. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	7
82	Tropical African <i>Cantharellus</i> Adans.: Fr. (Hydnaceae, Cantharellales) with Lilac-Purplish Tinges Revisited. <i>Cryptogamie, Mycologie</i> , 2020, 41, .	1.0	6
83	<i>Russula parvovirescens</i> sp. nov., a common but ignored species in the eastern United States. <i>Mycologia</i> , 2006, 98, 612-615.	1.9	5
84	Two new species of <i>Russula</i> subgenus <i>Compactae</i> from Indian Himalaya based on morphology and molecular phylogenetic inferences. <i>Nordic Journal of Botany</i> , 2020, 38, .	0.5	5
85	New and interesting <i>Russula</i> species from Panama. <i>Mycologia</i> , 2002, 94, 888-901.	1.9	5
86	<i>Cantharellus</i> sect. <i>Amethystini</i> in Asia. <i>Mycological Progress</i> , 2018, 17, 917-924.	1.4	4
87	Two Remarkable New African <i>Russula</i> Species with Reddening Context. <i>Kew Bulletin</i> , 1999, 54, 663.	0.9	3
88	A Contribution to Knowledge of <i>Craterellus</i> (Hydnaceae, Cantharellales) in China: Three New Taxa and Amended Descriptions of Two Previous Species. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	1