Dominik Begerow

List of Publications by Year
in descending order

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40	5,881	361296	330025
papers	citations	20 h-index	37 g-index

42	42	42	7791
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Onset and stepwise extensions of recombination suppression are common in mating‐type chromosomes of Microbotryum anther‐smut fungi. Journal of Evolutionary Biology, 2022, 35, 1619-1634.	0.8	11
2	Interaction between growth environment and host progeny shape fungal endophytic assemblages in transplanted Fagus sylvatica. Fungal Ecology, 2022, 60, 101175.	0.7	2
3	Insect herbivory facilitates the establishment of an invasive plant pathogen. ISME Communications, 2021, 1, .	1.7	14
4	Improved strategies to efficiently isolate thermophilic, thermotolerant, and heat-resistant fungi from compost and soil. Mycological Progress, 2021, 20, 325-339.	0.5	4
5	The evolving species concepts used for yeasts: from phenotypes and genomes to speciation networks. Fungal Diversity, 2021, 109, 27-55.	4.7	37
6	Delimiting species in Basidiomycota: a review. Fungal Diversity, 2021, 109, 181-237.	4.7	18
7	Comparison of Denitrification Induced by Various Organic Substances—Reaction Rates, Microbiology, and Temperature Effect. Water Resources Research, 2021, 57, e2021WR029793.	1.7	7
8	Proposal of Two New Combinations, Twenty New Species, Four New Genera, One New Family, and One New Order for the Anamorphic Basidiomycetous Yeast Species in Ustilaginomycotina. Frontiers in Microbiology, 2021, 12, 777338.	1.5	4
9	Fungal diversity notes 1387–1511: taxonomic and phylogenetic contributions on genera and species of fungal taxa. Fungal Diversity, 2021, 111, 1-335.	4.7	88
10	Meiotic recombination in the offspring of Microbotryum hybrids and its impact on pathogenicity. BMC Evolutionary Biology, 2020, 20, 123.	3.2	2
11	Host preference and sorus location correlate with parasite phylogeny in the smut fungal genus Microbotryum (Basidiomycota, Microbotryales). Mycological Progress, 2020, 19, 481-493.	0.5	16
12	Rare and undersampled dimorphic basidiomycetes. Mycological Progress, 2019, 18, 945-971.	0.5	20
13	Pyricularia graminis‐tritici is not the correct species name for the wheat blast fungus: response to Ceresini et Âal. (MPP 20:2). Molecular Plant Pathology, 2019, 20, 173-179.	2.0	42
14	Molecular and morphological evidence reveals a new smut fungus, Microbotryum arcticum (Microbotryaceae), on Silene uralensis (Caryophyllaceae) from Greenland and Canada. Willdenowia, 2019, 49, 241.	0.5	8
15	Flooding Duration Affects the Structure of Terrestrial and Aquatic Microbial Eukaryotic Communities. Microbial Ecology, 2018, 75, 875-887.	1.4	13
16	Transient leaf endophytes are the most active fungi in 1-year-old beech leaf litter. Fungal Diversity, 2018, 89, 237-251.	4.7	62
17	Multiple convergent supergene evolution events in mating-type chromosomes. Nature Communications, 2018, 9, 2000.	5.8	81
18	Fungal guilds are evenly distributed along a vertical spruce forest soil profile while individual fungi show pronounced niche partitioning. Mycological Progress, 2018, 17, 925-939.	0.5	23

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19	Knowing your neighbourhoodâ€"the effects of EpichloÃ« endophytes on foliar fungal assemblages in perennial ryegrass in dependence of season and land-use intensity. PeerJ, 2018, 6, e4660.	0.9	13
20	Distinct sensitivity of fungal freshwater guilds to water quality. Mycological Progress, 2017, 16, 155-169.	0.5	24
21	Parasitism in Yeasts. , 2017, , 179-210.		26
22	Effects of short-term flooding on aquatic and terrestrial microeukaryotic communities: a mesocosm approach. Aquatic Microbial Ecology, 2017, 80, 257-272.	0.9	13
23	Yeast diversity and species recovery rates from beech forest soils. Mycological Progress, 2016, 15, 845-859.	0.5	28
24	One fungus, which genes? Development and assessment of universal primers for potential secondary fungal DNA barcodes. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 35, 242-263.	1.6	416
25	Multigene phylogeny and taxonomic revision of yeasts and related fungi in the Ustilaginomycotina. Studies in Mycology, 2015, 81, 55-83.	4.5	174
26	New isolation method for endophytes based on enzyme digestion. Mycological Progress, 2014, 13, 849-856.	0.5	16
27	11 Ustilaginomycotina. , 2014, , 295-329.		43
28	Experimental hybridization and backcrossing reveal forces of reproductive isolation in Microbotryum. BMC Evolutionary Biology, 2013, 13, 224.	3.2	14
29	Contrasting phylogenetic patterns of anther smuts (Pucciniomycotina: Microbotryum) reflect phylogenetic patterns of their caryophyllaceous hosts. Organisms Diversity and Evolution, 2013, 13, 111-126.	0.7	22
30	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.	3.3	4,012
31	Aboveground Deadwood Deposition Supports Development of Soil Yeasts. Diversity, 2012, 4, 453-474.	0.7	34
32	Interspecific Sex in Grass Smuts and the Genetic Diversity of Their Pheromone-Receptor System. PLoS Genetics, 2011, 7, e1002436.	1.5	70
33	The illustrated life cycle ofMicrobotryumon the host plantSilene latifolia. Botany, 2010, 88, 875-885.	0.5	55
34	Hidden diversity in the nonâ€caryophyllaceous plantâ€parasitic members ofMicrobotryum(Pucciniomycotina: Microbotryales). Systematics and Biodiversity, 2009, 7, 297-306.	0.5	35
35	Implications of molecular characters for the phylogeny of the Microbotryaceae (Basidiomycota:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.2	68
36	Molecular phylogeny of Ustilago, Sporisorium, and related taxa based on combined analyses of rDNA sequences. Mycological Research, 2005, 109, 342-356.	2.5	102

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37	Anther smuts of Caryophyllaceae: Molecular characters indicate host-dependent species delimitation. Mycological Progress, 2005, 4, 225-238.	0.5	71
38	The Exobasidiales: An evolutionary hypothesis. Mycological Progress, 2002, 1, 187-199.	0.5	48
39	Phylogenetic placements of ustilaginomycetous anamorphs as deduced from nuclear LSU rDNA sequences. Mycological Research, 2000, 104, 53-60.	2.5	142
40	Kalmanago gen. nov. (Microbotryaceae) on Commelina and Tinantia (Commelinaceae). Mycobiota, 0, 10, 21-37.	1.3	1