Matthias Lutz

List of Publications by Year
in descending order

49 papers	933 citations	394286 19 h-index	501076 28 g-index
51 all docs	51 docs citations	51 times ranked	585 citing authors

#	Article	IF	Citations
1	Anther smuts of Caryophyllaceae: Molecular characters indicate host-dependent species delimitation. Mycological Progress, 2005, 4, 225-238.	0.5	71
2	Anther smuts of Caryophyllaceae: Molecular analyses reveal further new species. Mycological Research, 2008, 112, 1280-1296.	2.5	65
3	Anther smut fungi on monocots. Mycological Research, 2008, 112, 1297-1306.	2.5	45
4	Implications of molecular characters for the phylogeny of the genus Entyloma. Mycological Research, 2002, 106, 1392-1399.	2.5	42
5	Tuberculina: rust relatives attack rusts. Mycologia, 2004, 96, 614-626.	0.8	41
6	Hidden diversity in the nonâ€caryophyllaceous plantâ€parasitic members ofMicrobotryum(Pucciniomycotina: Microbotryales). Systematics and Biodiversity, 2009, 7, 297-306.	0.5	35
7	Extensive colonization of apples by smut anamorphs causes a new postharvest disorder. FEMS Yeast Research, 2006, 6, 63-76.	1.1	34
8	About the genus Thecaphora (Glomosporiaceae) and its new synonyms. Mycological Progress, 2008, 7, 31-39.	0.5	30
9	Cryptic diversity in the Antherospora vaillantii complex on Muscari species. IMA Fungus, 2013, 4, 5-19.	1.7	30
10	Microbotryum heliospermae, a new anther smut fungus parasitic on Heliosperma pusillum in the mountains of the European Alpine System. Fungal Biology, 2012, 116, 185-195.	1.1	28
11	Revision of some Thecaphora species (Ustilaginomycotina) on Caryophyllaceae. Mycological Research, 2007, 111, 1207-1219.	2.5	26
12	Tuberculina â€" Thanatophytum/Rhizoctonia crocorum â€" Helicobasidium: a unique mycoparasitic-phytoparasitic life strategy. Mycological Research, 2004, 108, 227-238.	2.5	24
13	Tuberculina: Rust Relatives Attack Rusts. Mycologia, 2004, 96, 614.	0.8	23
14	A new species of Antherospora supports the systematic placement of its host plant. IMA Fungus, 2011, 2, 135-142.	1.7	23
15	Microbotryum silenes-saxifragae sp. nov. sporulating in the anthers of Silene saxifraga in southern European mountains. IMA Fungus, 2013, 4, 29-40.	1.7	23
16	Expanding evolutionary diversity in the Ustilaginomycotina: Fereydouniaceae fam. nov. and Fereydounia gen. nov., the first urocystidalean yeast lineage. Mycological Progress, 2014, 13, 1217.	0.5	22
17	Bartheletia paradoxa is a living fossil on Ginkgo leaf litter with a unique septal structure in the Basidiomycota. Mycological Research, 2008, 112, 1265-1279.	2.5	21
18	Taxonomy and phylogeny of Puccinia lagenophorae: a study using rDNA sequence data, morphological and host range features. Mycological Progress, 2011, 10, 175-187.	0.5	21

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19	Flamingomyces and Parvulago, new genera of marine smut fungi (Ustilaginomycotina). Mycological Research, 2007, 111, 1199-1206.	2.5	20
20	Discovery of Thecaphora schwarzmaniana on Rheum ribes in Iran and Turkey: implications for the diversity and phylogeny of leaf smuts on rhubarbs. Mycological Progress, 2014, 13, 881-892.	0.5	19
21	Gjaerumia, a new genus in the Georgefischeriales (Ustilaginomycetes). Mycological Research, 2005, 109, 1250-1258.	2.5	18
22	On the Evolutionary History of Uleiella chilensis, a Smut Fungus Parasite of Araucaria araucana in South America: Uleiellales ord. nov. in Ustilaginomycetes. PLoS ONE, 2016, 11, e0147107.	1.1	17
23	DNA barcoding and phylogenetic analyses of the genus Coleosporium (Pucciniales) reveal that the North American goldenrod rust C. solidaginis is a neomycete on introduced and native Solidago species in Europe. Mycological Progress, 2017, 16, 1073-1085.	0.5	16
24	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
25	Anthracoidea caricis-meadiiis a new North American smut fungus onCarexsect.Paniceae. Mycologia, 2013, 105, 181-193.	0.8	15
26	Tuberculina-rusts: a unique basidiomycetous interfungal cellular interaction with horizontal nuclear transfer. Mycologia, 2004, 96, 960-967.	0.8	14
27	Melanoxa, a new genus in the Urocystidales (Ustilaginomycotina). Mycological Progress, 2012, 11, 149-158.	0.5	14
28	Tuberculina-Helicobasidium: Host specificity of the Tuberculina-stage reveals unexpected diversity within the group. Mycologia, 2004, 96, 1316-1329.	0.8	13
29	Shivasia gen. nov. for the Australasian smut Ustilago solida that historically shifted through five different genera. IMA Fungus, 2012, 3, 143-154.	1.7	13
30	A molecular phylogenetic framework for Anthracocystis (Ustilaginales), including five new combinations (inter alia for the asexual Pseudozyma flocculosa), and description of Anthracocystis grodzinskae sp. nov.. Mycological Progress, 2015, 14, 1.	0.5	13
31	Integrative analysis of the West African Ceraceosorus africanus sp. nov. provides insights into the diversity, biogeography, and evolution of the enigmatic Ceraceosorales (Fungi: Ustilaginomycotina). Organisms Diversity and Evolution, 2016, 16, 743-760.	0.7	13
32	Dismantling a complex of anther smuts (Microbotryum) on carnivorous plants in the genus Pinguicula. Mycologia, 2018, 110, 361-374.	0.8	13
33	Exobasidium darwinii, a new Hawaiian species infecting endemic Vaccinium reticulatum in Haleakala National Park. Mycological Progress, 2012, 11, 361-371.	0.5	12
34	Phylogenetic placement, DNA barcoding, morphology and evidence for the spreading of Entyloma cosmi, a species attacking Cosmos bipinnatus in temperate climate gardens. European Journal of Plant Pathology, 2016, 145, 857-869.	0.8	12
35	Pattersoniomyces tillandsiae gen. et comb. nov.: linking sexual and asexual morphs of the only known smut fungus associated with Bromeliaceae. Organisms Diversity and Evolution, 2017, 17, 531-543.	0.7	12
36	Entyloma helianthi: identification and characterization of the causal agent of sunflower white leaf smut. Mycologia, 2017, 109, 520-528.	0.8	10

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37	Repeated formation of correlated species in Tranzschelia (Pucciniales). Mycological Progress, 2019, 18, 295-303.	0.5	10
38	The origin and diversification of the Entorrhizales: deep evolutionary roots but recent speciation with a phylogenetic and phenotypic split between associates of the Cyperaceae and Juncaceae. Organisms Diversity and Evolution, 2019, 19, 13-30.	0.7	9
39	Tuberculina: rust relatives attack rusts. Mycologia, 2004, 96, 614-26.	0.8	8
40	Graphiola fimbriata: the first species of Graphiolaceae (Exobasidiales, Basidiomycota) described only based on its yeast stage. Mycological Progress, 2019, 18, 359-368.	0.5	7
41	Eriocortex eriocauli, gen. et sp. nov. (Ustilaginomycetes) from Australia. Mycobiota, 2013, , 9-16.	1.3	7
42	Epitypification of Tilletia ehrhartae, a smut fungus with potential for nature conservation, biosecurity and biocontrol. European Journal of Plant Pathology, 2015, 143, 151-158.	0.8	6
43	Anther smuts of Silene acaulis and S. uniflora in the Outer Hebrides, including an assessment of ITS genotypes of Microbotryum silenes-acaulis. IMA Fungus, 2017, 8, 107-116.	1.7	5
44	Emended description of Anomalomyces (Ustilaginales), including Anomalomyces yakirrae sp. nov. on Yakirra pauciflora (Poaceae) from Australia. Mycobiota, 2013, , 17-24.	1.3	5
45	Morphology and phylogenetics of Stomatisora, including Stomatisora psychotriicola sp. nov.. Mycological Progress, 2014, 13, 1097.	0.5	4
46	Phylogeny and morphology of Anthracoidea pamiroalaica sp. nov. infecting the endemic sedge Carex koshewnikowii in the Pamir Alai Mts (Tajikistan). Mycological Progress, 2015, 14, 1.	0.5	3
47	Transmission electron microscopy of Tuberculina species (Helicobasidiales) reveals an unique mode of conidiogenesis within Basidiomycota. Fungal Biology, 2016, 120, 1010-1016.	1.1	2
48	Thecaphora dahuangis, a new species causing leaf smut disease of the traditional medicinal plant dahuang (Rheum palmatum) in China. Plant Pathology, 2021, 70, 1292-1299.	1.2	2
49	The distribution and host range of Thecaphora melandrii, with first records for Britain. Kew Bulletin, 2020, 75, 1.	0.4	1