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List of Publications by Year
in descending order

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96 papers	5,390 citations	94433 37 h-index	85541 71 g-index
97 all docs	97 docs citations	97 times ranked	2809 citing authors

#	Article	IF	Citations
1	Cross-species transcriptomics identifies core regulatory changes differentiating the asymptomatic asexual and virulent sexual life cycles of grass-symbiotic<i>EpichloÃ«</i>fungi. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	4
2	Telomere-to-Telomere Genome Sequences across a Single Genus Reveal Highly Variable Chromosome Rearrangement Rates but Absolute Stasis of Chromosome Number. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 T	3.5	6
3	Chromosome-level genomes provide insights into genome evolution, organization and size in Epichloe fungi. Genomics, 2021, 113, 4267-4275.	2.9	6
4	<i>Epichloe novae-zelandiae</i>, a new endophyte from the endemic New Zealand grass<i>Poa matthewsii</i>. New Zealand Journal of Botany, 2019, 57, 271-288.	1.1	16
5	Large Scale Screening of EpichloÃ« Endophytes Infecting Schedonorus pratensis and Other Forage Grasses Reveals a Relation Between Microsatellite-Based Haplotypes and Loline Alkaloid Levels. Frontiers in Plant Science, 2019, 10, 765.	3.6	14
6	Assortative mating in sympatric ascomycete fungi revealed by experimental fertilizations. Fungal Biology, 2019, 123, 676-686.	2.5	7
7	A king amongst dwarfs: Boletus edulis forms ectomycorrhiza with dwarf willow in the Swiss Alps. Alpine Botany, 2019, 129, 185-189.	2.4	2
8	Truffles on the move. Frontiers in Ecology and the Environment, 2019, 17, 200-202.	4.0	10
9	Botanophila flies, vectors of EpichloÃ« fungal spores, are infected by Wolbachia. Mycology, 2019, 10, 1-5.	4.4	7
10	Efficient nonenzymatic cyclization and domain shuffling drive pyrrolopyrazine diversity from truncated variants of a fungal NRPS. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25614-25623.	7.1	27
11	Response of soil microbial communities to the application of a formulated <i>Metarhizium brunneum</i> biocontrol strain. Biocontrol Science and Technology, 2019, 29, 547-564.	1.3	11
12	Genomewide signatures of selection in <i>EpichloÃ«</i> reveal candidate genes for host specialization. Molecular Ecology, 2018, 27, 3070-3086.	3.9	28
13	Assessing effects of the entomopathogenic fungus Metarhizium brunneum on soil microbial communities in Agriotes spp. biological pest control. FEMS Microbiology Ecology, 2017, 93, .	2.7	29
14	Biology and evolution of the EpichloÃ«-associated Botanophila species found in Europe (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.7	8
15	The effect of<i>Piriformospora indica</i>on the root development of maize (<i>Zea mays</i>L.) and remediation of petroleum contaminated soil. International Journal of Phytoremediation, 2016, 18, 278-287.	3.1	20
16	Genetic Evidence for Reproductive Isolation Among Sympatric EpichloÃ« Endophytes as Inferred from Newly Developed Microsatellite Markers. Microbial Ecology, 2015, 70, 51-60.	2.8	15
17	The role of host-specificity in the reproductive isolation of EpichloÃ« endophytes revealed by reciprocal infections. Fungal Ecology, 2015, 15, 29-38.	1.6	13
18	Two distinct<i>EpichloÃ«</i>species symbiotic with<i>Achnatherum inebrians</i>, drunken horse grass. Mycologia, 2015, 107, 863-873.	1.9	62

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19	Multiplexed microsatellite markers for seven Metarhizium species. Journal of Invertebrate Pathology, 2015, 132, 132-134.	3.2	21
20	Nomenclatural realignment of<i>Neotyphodium</i>species with genus<i>EpichloÃ«</i>. Mycologia, 2014, 106, 202-215.	1.9	340
21	Effects of natural hybrid and nonâ€hybrid <i>EpichloÃ«</i> endophytes on the response of <i>Hordelymus europaeus</i> to drought stress. New Phytologist, 2014, 201, 242-253.	7.3	57
22	Horizontal transmission, persistence and competition capabilities of EpichloÃ« endophytes in Hordelymus europaeus grass hosts using dual endophyte inocula. Fungal Ecology, 2014, 11, 37-49.	1.6	19
23	Nomenclatural realignment of Neotyphodium species with genus Epichloe. Mycologia, 2014, 106, 202-215.	1.9	42
24	The <i>EpichloÃ«</i> endophytes associated with the woodland grass <i>Hordelymus europaeus</i> including four new taxa. Mycologia, 2013, 105, 1315-1324.	1.9	19
25	Currencies of Mutualisms: Sources of Alkaloid Genes in Vertically Transmitted Epichloae. Toxins, 2013, 5, 1064-1088.	3.4	109
26	Plant-Symbiotic Fungi as Chemical Engineers: Multi-Genome Analysis of the Clavicipitaceae Reveals Dynamics of Alkaloid Loci. PLoS Genetics, 2013, 9, e1003323.	3.5	344
27	The occurrence and preference of Botanophila flies (Diptera: Anthomyiidae) for particular species of EpichloÃ« fungi infecting wild grasses. European Journal of Entomology, 2013, 110, 129-134.	1.2	11
28	The taxonomic position of the genus Heydenia (Pyronemataceae, Pezizales) based on molecular and morphological data. Mycological Progress, 2012, 11, 699-710.	1.4	12
29	Genetic diversity in epichloid endophytes of <i>Hordelymus europaeus</i> suggests repeated host jumps and interspecific hybridizations. Molecular Ecology, 2012, 21, 2713-2726.	3.9	36
30	<i>Periglandula</i>, a new fungal genus within the Clavicipitaceae and its association with Convolvulaceae. Mycologia, 2011, 103, 1133-1145.	1.9	59
31	Do <i>Botanophila</i> flies provide reproductive isolation between two species of <i>EpichloÃ«</i> fungi? A field test. New Phytologist, 2011, 190, 206-212.	7.3	11
32	<i>Botanophilaâ€"EpichloÃ«</i>Interaction in a Wild Grass,<i>Puccinellia distans</i>, Lacks Dependence on the Fly Vector. Annals of the Entomological Society of America, 2011, 104, 841-846.	2.5	18
33	ITS rDNA phylogeny of Iranian strains of Cytospora and associated teleomorphs. Mycologia, 2010, 102, 1369-1382.	1.9	45
34	An unusual<i>Botanophila</i>â€“<i>EpichloÃ«</i>association in a population of orchardgrass (<i>Dactylis glomerata</i>) in Poland. Journal of Natural History, 2010, 44, 2817-2824.	0.5	14
35	Man-made habitats - hotspots of evolutionary game between grass, fungus and fly. Biodiversity Research and Conservation, 2009, 15, 47-52.	0.3	4
36	Variation of Insect Attracting Odor in Endophytic EpichloÃ« Fungi: Phylogenetic Constrains Versus Host Influence. Journal of Chemical Ecology, 2008, 34, 772-782.	1.8	20

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37	Biology of the EpichloÃ«â€“Botanophila interaction: An intriguing association between fungi and insects. Fungal Biology Reviews, 2008, 22, 131-138.	4.7	41
38	Ecological role of volatiles produced by EpichloÃƒÂ«: differences in antifungal toxicity. FEMS Microbiology Ecology, 2008, 64, 307-316.	2.7	34
39	Role of odour compounds in the attraction of gamete vectors in endophytic<i> EpichloÃ«</i> fungi. New Phytologist, 2008, 178, 401-411.	7.3	44
40	Variation in horizontal and vertical transmission of the endophyte <i>EpichloÃ« elymi</i> infecting the grass <i>Elymus hystrix</i>. New Phytologist, 2008, 179, 236-246.	7.3	29
41	A totivirus infecting the mutualistic fungal endophyte EpichloÃ« festucae. Virus Research, 2007, 124, 38-43.	2.2	48
42	Botanophilaflies onEpichloÃ«host species in Europe and North America: no evidence for co-evolution. Entomologia Experimentalis Et Applicata, 2007, 123, 13-23.	1.4	22
43	Taxon-specific PCR primers to detect two inconspicuous arbuscular mycorrhizal fungi from temperate agricultural grassland. Mycorrhiza, 2007, 17, 145-152.	2.8	17
44	Evolution of â€˜pollinatorâ€™- attracting signals in fungi. Biology Letters, 2006, 2, 401-404.	2.3	65
45	Mycorrhizas improve nitrogen nutrition of Trifolium repens after 8Âyr of selection under elevated atmospheric CO 2 partial pressure. New Phytologist, 2005, 167, 531-542.	7.3	49
46	The EpichloÃ« Endophytes of Grasses and the Symbiotic Continuum. Mycology, 2005, , 475-503.	0.5	13
47	Prevalence of interspecific hybrids amongst asexual fungal endophytes of grasses. Molecular Ecology, 2004, 13, 1455-1467.	3.9	208
48	Arbuscular mycorrhizal fungi benefit from 7 years of free air CO2 enrichment in well-fertilized grass and legume monocultures. Global Change Biology, 2004, 10, 189-199.	9.5	46
49	SYMBIOSES OF GRASSES WITH SEEDBORNE FUNGAL ENDOPHYTES. Annual Review of Plant Biology, 2004, 55, 315-340.	18.7	759
50	A test of host specialization by insect vectors as a mechanism for reproductive isolation among entomophilous fungal species. Oikos, 2003, 103, 681-687.	2.7	32
51	MOLECULAR EVIDENCE FOR HOST-ADAPTED RACES OF THE FUNGAL ENDOPHYTE EPCHLOÃ‹ BROMICOLA AFTER PRESUMED HOST SHIFTS. Evolution; International Journal of Organic Evolution, 2003, 57, 37-51.	2.3	13
52	MOLECULAR EVIDENCE FOR HOST-ADAPTED RACES OF THE FUNGAL ENDOPHYTE EPICHLOÃ‹ BROMICOLA AFTER PRESUMED HOST SHIFTS. Evolution; International Journal of Organic Evolution, 2003, 57, 37.	2.3	33
53	Taxonomy and Diversity of Epichloe Endophytes. , 2003, , .		7
54	Intraspecific competition of endophyte infected vs uninfected plants of two woodland grass species. Oikos, 2002, 96, 281-290.	2.7	54

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55	EpichloÃ« grass endophytes increase herbivore resistance in the woodland grass Brachypodium sylvaticum. Oecologia, 2001, 126, 522-530.	2.0	80
56	The effects of genetic and environmental factors on disease expression (stroma formation) and plant growth in Brachypodium sylvaticum infected by EpichloÃ« sylvatica. Oikos, 2000, 91, 446-458.	2.7	33
57	Title is missing!. Journal of Chemical Ecology, 2000, 26, 1025-1036.	1.8	134
58	Three new species ofEpichloÃ«symbiotic with North American grasses. Mycologia, 1999, 91, 95-107.	1.9	57
59	Multistrain infections of the grass Brachypodium sylvaticum by its fungal endophyte EpichloÃ« sylvatica. New Phytologist, 1999, 141, 355-368.	7.3	48
60	Three New Species of Epichloe Symbiotic with North American Grasses. Mycologia, 1999, 91, 95.	1.9	50
61	Mating compatibility and phylogenetic relationships among two new species of EpichloÃ« and other congeneric European species. Mycological Research, 1998, 102, 1169-1182.	2.5	92
62	Coevolution by Common Descent of Fungal Symbionts (Epichloe spp.) and Grass Hosts. Molecular Biology and Evolution, 1997, 14, 133-143.	8.9	166
63	Growth and Water Status in Meadow Fescue is Affected by Neotyphodium and Phialophora Species Endophytes. Agronomy Journal, 1997, 89, 673-678.	1.8	76
64	Symbiosis with Neotyphodium uncinatum Endophyte May Increase the Competitive Ability of Meadow Fescue. Agronomy Journal, 1997, 89, 833-839.	1.8	69
65	Ecological Diversity in Neotyphodium-Infected Grasses as Influenced by Host and Fungus Characteristics. , 1997, , 93-108.		15
66	Isozyme subgroups inTrichodermasectionLongibrachiatum. Mycologia, 1996, 88, 384-394.	1.9	32
67	EVIDENCE FOR GENETIC DIFFERENTIATION BETWEEN CHOKE-INDUCING AND ASYMPTOMATIC STRAINS OF THE<i>EPICHLOÃ«</i>GRASS ENDOPHYTE FROM<i>BRACHYPODIUM SYLVATICUM</i>. Evolution; International Journal of Organic Evolution, 1996, 50, 1879-1887.	2.3	15
68	Isozyme evidence for host races of the fungus Atkinsonella hypoxylon (Clavicipitaceae) infecting the Danthonia (Poaceae) complex in the southern Appalachians. American Journal of Botany, 1996, 83, 1144-1152.	1.7	10
69	Isozyme Subgroups in Trichoderma Section Longibrachiatum. Mycologia, 1996, 88, 384.	1.9	20
70	Evidence for Genetic Differentiation Between Choke-Inducing and Asymptomtic Strains of the Epichloe Grass Endophyte from Brachypodium sylvaticum. Evolution; International Journal of Organic Evolution, 1996, 50, 1879.	2.3	31
71	Isozyme Evidence for Host Races of the Fungus Atkinsonella hypoxylon (Clavicipitaceae) Infecting the Danthonia (Poaceae) Complex in the Southern Appalachians. American Journal of Botany, 1996, 83, 1144.	1.7	5
72	Variability among isolates of <i>Xylaria cubensis</i> as determined by isozyme analysis and somatic incompatibility tests. Mycologia, 1995, 87, 592-596.	1.9	15

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73	Variability among Isolates of Xylaria cubensis as Determined by Isozyme Analysis and Somatic Incompatibility Tests. Mycologia, 1995, 87, 592.	1.9	8
74	Sexual compatibility and taxonomy of a new species of EpichloÃ« symbiotic with fine fescue grasses. Mycologia, 1994, 86, 802-812.	1.9	121
75	Sexual Compatibility and Taxonomy of a New Species of Epichloe Symbiotic with Fine Fescue Grasses. Mycologia, 1994, 86, 802.	1.9	138
76	Isozyme relationships of Acremonium endophytes from twelve Festuca species. Mycological Research, 1994, 98, 25-33.	2.5	67
77	Systematics, distribution, and host specificity of grass endophytes. Natural Toxins, 1993, 1, 150-162.	1.0	201
78	Taxonomy of Acremonium endophytes of tall fescue (Festuca arundinacea), meadow fescue (F.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	2.5	214
79	Nonreciprocal Compatibility between Epichloe typhina and Four Host Grasses. Mycologia, 1993, 85, 157.	1.9	26
80	Nonreciprocal Compatibility BetweenEpichloÃ« Typhinaand Four Host Grasses. Mycologia, 1993, 85, 157-163.	1.9	33
81	Isozyme polymorphism in six endophytic Phyllosticta species. Mycological Research, 1992, 96, 287-294.	2.5	24
82	Genetic differentiation of theErigeron species (Asteraceae) in the Alps: A case of unusual allozymic uniformity. Plant Systematics and Evolution, 1992, 183, 1-16.	0.9	26
83	Significance of the fungus balansia cyperi infecting medicinal species of cyperus (Cyperaceae) from Amazonia. Economic Botany, 1990, 44, 452-462.	1.7	38
84	Ergobalansine, a New Ergot-Type Peptide Alkaloid Isolated from Cenchrus echinatus (Sandbur Grass) Infected with Balansia obtecta, and Produced in Liquid Cultures of B. obtecta and Balansia cyperi. Journal of Natural Products, 1990, 53, 1272-1279.	3.0	44
85	Isozyme Variation in the<i>Acremonium/EpichloÃ«</i>Fungal Endophyte Complex. Phytopathology, 1990, 80, 1133.	2.2	101
86	Infection of Woodland Grasses by Fungal Endophytes. Mycologia, 1989, 81, 805-811.	1.9	83
87	Morphological, Cultural and Mating Studies on Atkinsonella, Including A. Texensis. Mycologia, 1989, 81, 692-701.	1.9	22
88	Morphological, Cultural and Mating Studies on Atkinsonella, including A. texensis. Mycologia, 1989, 81, 692.	1.9	26
89	Experimental Evidence for Genetic Variation in Compatibility between the Fungus Atkinsonella hypoxylon and its three Host Grasses. Evolution; International Journal of Organic Evolution, 1989, 43, 825.	2.3	11
90	Infection of Woodland Grasses by Fungal Endophytes. Mycologia, 1989, 81, 805.	1.9	72

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91	Isozyme variation in the fungus <i>Atkinsonella hypoxylon</i> within and among populations of its host grasses. Canadian Journal of Botany, 1989, 67, 2600-2607.	1.1	41
92	EXPERIMENTAL EVIDENCE FOR GENETIC VARIATION IN COMPATIBILITY BETWEEN THE FUNGUS <i>ATKINSONELLA HYPOXYLON</i> AND ITS THREE HOST GRASSES. Evolution; International Journal of Organic Evolution, 1989, 43, 825-834.	2.3	28
93	Experimental Infection of Host Grasses and Sedges with Atkinsonella hypoxylon and Balansia cyperi (Balansiae, Clavicipitaceae). Mycologia, 1988, 80, 291.	1.9	26
94	Atkinsonella hypoxylon and Balansia cyperi, Epiphytic Members of the Balansiae. Mycologia, 1988, 80, 192.	1.9	29
95	<i>Atkinsonella Hypoxylon</i> and <i>Balansia Cyperi</i>, Epiphytic Members of the Balansiae. Mycologia, 1988, 80, 192-199.	1.9	53
96	Experimental Infection of Host Grasses and Sedges withAtkinsonella HypoxylonandBalansia Cyperi(Balansiae, Clavicipitaceae). Mycologia, 1988, 80, 291-297.	1.9	32