Kerry O'Donnell

List of Publications by Year
in descending order

149 papers	24,146 citations	13865 67 h-index	8396 147 g-index
150 all docs	150 docs citations	150 times ranked	12676 citing authors

#	Article	IF	Citations
1	Two Divergent Intragenomic rDNA ITS2 Types within a Monophyletic Lineage of the FungusFusariumAre Nonorthologous. Molecular Phylogenetics and Evolution, 1997, 7, 103-116.	2.7	1,815
2	Reconstructing the early evolution of Fungi using a six-gene phylogeny. Nature, 2006, 443, 818-822.	27.8	1,625
3	A phylum-level phylogenetic classification of zygomycete fungi based on genome-scale data. Mycologia, 2016, 108, 1028-1046.	1.9	1,092
4	FUSARIUM-ID v. 1.0: A DNA Sequence Database for Identifying Fusarium. European Journal of Plant Pathology, 2004, 110, 473-479.	1.7	860
5	The <i>Fusarium graminearum</i> Genome Reveals a Link Between Localized Polymorphism and Pathogen Specialization. Science, 2007, 317, 1400-1402.	12.6	837
6	Molecular systematics and phylogeography of the<i>Gibberella fujikuroi</i>species complex. Mycologia, 1998, 90, 465-493.	1.9	795
7	Assembling the fungal tree of life: progress, classification, and evolution of subcellular traits. American Journal of Botany, 2004, 91, 1446-1480.	1.7	718
8	Genealogical concordance between the mating type locus and seven other nuclear genes supports formal recognition of nine phylogenetically distinct species within the Fusarium graminearum clade. Fungal Genetics and Biology, 2004, 41, 600-623.	2.1	666
9	The Ascomycota Tree of Life: A Phylum-wide Phylogeny Clarifies the Origin and Evolution of Fundamental Reproductive and Ecological Traits. Systematic Biology, 2009, 58, 224-239.	5.6	581
10	Multistate Outbreak of Fusarium Keratitis Associated With Use of a Contact Lens Solution. JAMA - Journal of the American Medical Association, 2006, 296, 953.	7.4	518
11	Molecular Systematics and Phylogeography of the Gibberella fujikuroi Species Complex. Mycologia, 1998, 90, 465.	1.9	497
12	Ancestral polymorphism and adaptive evolution in the trichothecene mycotoxin gene cluster of phytopathogenic Fusarium. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9278-9283.	7.1	489
13	<i>Fusarium</i>Pathogenomics. Annual Review of Microbiology, 2013, 67, 399-416.	7.3	475
14	Internet-Accessible DNA Sequence Database for Identifying Fusaria from Human and Animal Infections. Journal of Clinical Microbiology, 2010, 48, 3708-3718.	3.9	446
15	An adaptive evolutionary shift in Fusarium head blight pathogen populations is driving the rapid spread of more toxigenic Fusarium graminearum in North America. Fungal Genetics and Biology, 2008, 45, 473-484.	2.1	427
16	Global molecular surveillance reveals novel Fusarium head blight species and trichothecene toxin diversity. Fungal Genetics and Biology, 2007, 44, 1191-1204.	2.1	411
17	New<i>Fusarium</i>species and combinations within the<i>Gibberella fujikuroi</i>species complex. Mycologia, 1998, 90, 434-458.	1.9	401
18	Molecular Phylogenetic Diversity, Multilocus Haplotype Nomenclature, and In Vitro Antifungal Resistance within the<i>Fusarium solani</i>Species Complex. Journal of Clinical Microbiology, 2008, 46, 2477-2490.	3.9	391

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19	Phylogenetic analyses of RPB1 and RPB2 support a middle Cretaceous origin for a clade comprising all agriculturally and medically important fusaria. Fungal Genetics and Biology, 2013, 52, 20-31.	2.1	366
20	Ribosomal DNA internal transcribed spacers are highly divergent in the phytopathogenic ascomycete Fusarium sambucinum (Gibberella pulicaris). Current Genetics, 1992, 22, 213-220.	1.7	348
21	Gene Genealogies and AFLP Analyses in the Fusarium oxysporum Complex Identify Monophyletic and Nonmonophyletic Formae Speciales Causing Wilt and Rot Disease. Phytopathology, 2000, 90, 891-900.	2.2	343
22	Molecular phylogeny of the<i>Nectria haematococca-Fusarium solani</i>species complex. Mycologia, 2000, 92, 919-938.	1.9	321
23	Members of the Fusarium solani Species Complex That Cause Infections in Both Humans and Plants Are Common in the Environment. Journal of Clinical Microbiology, 2006, 44, 2186-2190.	3.9	316
24	A two-locus DNA sequence database for typing plant and human pathogens within the Fusarium oxysporum species complex. Fungal Genetics and Biology, 2009, 46, 936-948.	2.1	275
25	DNA sequence-based identification of Fusarium: Current status and future directions. Phytoparasitica, 2015, 43, 583-595.	1.2	275
26	Phylogenetic Diversity and Microsphere Array-Based Genotyping of Human Pathogenic Fusaria, Including Isolates from the Multistate Contact Lens-Associated U.S. Keratitis Outbreaks of 2005 and 2006. Journal of Clinical Microbiology, 2007, 45, 2235-2248.	3.9	257
27	Phylogenetic relationships among ascomycetous truffles and the true and false morels inferred from 18S and 28S ribosomal DNA sequence analysis. Mycologia, 1997, 89, 48-65.	1.9	249
28	Molecular Phylogeny of the Nectria haematococca-Fusarium solani Species Complex. Mycologia, 2000, 92, 919.	1.9	246
29	New Fusarium Species and Combinations within the Gibberella fujikuroi Species Complex. Mycologia, 1998, 90, 434.	1.9	241
30	Novel Multilocus Sequence Typing Scheme Reveals High Genetic Diversity of Human Pathogenic Members of the<i>Fusarium incarnatum</i>-<i>F.</i> <i>equiseti</i>and<i>F. chlamydosporum</i>Species Complexes within the United States. Journal of Clinical Microbiology, 2009, 47, 3851-3861.	3.9	227
31	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	2.2	219
32	Systematics of key phytopathogenic Fusarium species: current status and future challenges. Journal of General Plant Pathology, 2014, 80, 189-201.	1.0	213
33	Genetic Diversity of Human Pathogenic Members of the Fusarium oxysporum Complex Inferred from Multilocus DNA Sequence Data and Amplified Fragment Length Polymorphism Analyses: Evidence for the Recent Dispersion of a Geographically Widespread Clonal Lineage and Nosocomial Origin. Journal of Clinical Microbiology, 2004, 42, 5109-5120.	3.9	201
34	Morphological and molecular characterization of<i>Fusarium pseudograminearum</i>sp. nov., formerly recognized as the Group 1 population of<i>F. graminearum</i>. Mycologia, 1999, 91, 597-609.	1.9	196
35	Sudden-death syndrome of soybean is caused by two morphologically and phylogenetically distinct species within the<i>Fusarium solani</i>species complexâ€”<i>F. virguliforme</i>in North America and<i>F. tucumaniae</i>in South America. Mycologia, 2003, 95, 660-684.	1.9	191
36	<i>Fusarium</i>and<i>Candida albicans</i>Biofilms on Soft Contact Lenses: Model Development, Influence of Lens Type, and Susceptibility to Lens Care Solutions. Antimicrobial Agents and Chemotherapy, 2008, 52, 171-182.	3.2	188

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37	Morphological and Molecular Characterization of Fusarium pseudograminearum sp. nov., Formerly Recognized as the Group 1 Population of F. graminearum. Mycologia, 1999, 91, 597.	1.9	186
38	Multilocus genotyping and molecular phylogenetics resolve a novel head blight pathogen within the Fusarium graminearum species complex from Ethiopia. Fungal Genetics and Biology, 2008, 45, 1514-1522.	2.1	186
39	Novel Fusarium head blight pathogens from Nepal and Louisiana revealed by multilocus genealogical concordance. Fungal Genetics and Biology, 2011, 48, 1096-1107.	2.1	186
40	A novel Asian clade within the <i>Fusarium graminearum</i> species complex includes a newly discovered cereal head blight pathogen from the Russian Far East. Mycologia, 2009, 101, 841-852.	1.9	169
41	Nivalenol-Type Populations of <i>Fusarium graminearum</i> and <i>F. asiaticum</i> Are Prevalent on Wheat in Southern Louisiana. Phytopathology, 2011, 101, 124-134.	2.2	167
42	Phylogenetic diversity of insecticolous fusaria inferred from multilocus DNA sequence data and their molecular identification via FUSARIUM-ID and <i>Fusarium MLST</i>. Mycologia, 2012, 104, 427-445.	1.9	164
43	Detection and Quantification of Airborne Conidia of Fusarium circinatum, the Causal Agent of Pine Pitch Canker, from Two California Sites by Using a Real-Time PCR Approach Combined with a Simple Spore Trapping Method. Applied and Environmental Microbiology, 2004, 70, 3512-3520.	3.1	162
44	An inordinate fondness for Fusarium: Phylogenetic diversity of fusaria cultivated by ambrosia beetles in the genus Euwallacea on avocado and other plant hosts. Fungal Genetics and Biology, 2013, 56, 147-157.	2.1	146
45	Evolutionary relationships among mucoralean fungi (Zygomycota): Evidence for family polyphyly on a large scale. Mycologia, 2001, 93, 286-297.	1.9	145
46	Phylogenetic relationships among members of the Fusarium solani species complex in human infections and the descriptions of F. keratoplasticum sp. nov. and F. petroliphilum stat. nov.. Fungal Genetics and Biology, 2013, 53, 59-70.	2.1	142
47	The trichothecene biosynthesis gene cluster ofFusarium graminearumF15 contains a limited number of essential pathway genes and expressed non-essential genes. FEBS Letters, 2003, 539, 105-110.	2.8	138
48	Sudden death syndrome of soybean in South America is caused by four species of Fusarium : Fusarium brasiliense sp. nov., F. cuneirostrum sp. nov., F. tucumaniae, and F. virguliforme. Mycoscience, 2005, 46, 162-183.	0.8	138
49	Evolution of Fusarium oxysporum f. sp. vasinfectum Races Inferred from Multigene Genealogies. Phytopathology, 2001, 91, 1231-1237.	2.2	131
50	Phylogeny of the Zygomycota based on nuclear ribosomal sequence data. Mycologia, 2006, 98, 872-884.	1.9	129
51	Discordant phylogenies suggest repeated host shifts in the Fusariumâ€“Euwallacea ambrosia beetle mutualism. Fungal Genetics and Biology, 2015, 82, 277-290.	2.1	121
52	Phylogenetic Relationships among Ascomycetous Truffles and the True and False Morels Inferred from 18S and 28S Ribosomal DNA Sequence Analysis. Mycologia, 1997, 89, 48.	1.9	120
53	Phylogeny and historical biogeography of true morels (Morchella) reveals an early Cretaceous origin and high continental endemism and provincialism in the Holarctic. Fungal Genetics and Biology, 2011, 48, 252-265.	2.1	118
54	Analysis of the Fusarium graminearum species complex from wheat, barley and maize in South Africa provides evidence of species-specific differences in host preference. Fungal Genetics and Biology, 2011, 48, 914-920.	2.1	116

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55	Multigene molecular phylogenetics reveals true morels (Morchella) are especially species-rich in China. Fungal Genetics and Biology, 2012, 49, 455-469.	2.1	107
56	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic<i>Fusarium</i>that Includes the<i>Fusarium solani</i>Species Complex. Phytopathology, 2021, 111, 1064-1079.	2.2	107
57	Widespread Occurrence of Diverse Human Pathogenic Types of the Fungus Fusarium Detected in Plumbing Drains. Journal of Clinical Microbiology, 2011, 49, 4264-4272.	3.9	104
58	Evolutionary Relationships among Mucoralean Fungi (Zygomycota): Evidence for Family Polyphyly on a Large Scale. Mycologia, 2001, 93, 286.	1.9	103
59	Systematics, Phylogeny and Trichothecene Mycotoxin Potential of Fusarium Head Blight Cereal Pathogens. Mycotoxins, 2012, 62, 91-102.	0.2	99
60	Phylogenetic Relationships of the Soybean Sudden Death Syndrome Pathogen<i>Fusarium solani</i>f. sp.<i>phaseoli</i>Inferred from rDNA Sequence Data and PCR Primers for Its Identification. Molecular Plant-Microbe Interactions, 1995, 8, 709.	2.6	99
61	Diversity of Fusarium head blight populations and trichothecene toxin types reveals regional differences in pathogen composition and temporal dynamics. Fungal Genetics and Biology, 2015, 82, 22-31.	2.1	96
62	The Name Fusarium Moniliforme Should no Longer be Used. Mycological Research, 2003, 107, 643-644.	2.5	94
63	True morels (Morchella, Pezizales) of Europe and North America: evolutionary relationships inferred from multilocus data and a unified taxonomy. Mycologia, 2015, 107, 359-382.	1.9	82
64	Marasas et al. 1984 â€œToxigenic <i>Fusarium</i> Species: Identity and Mycotoxicologyâ€•revisited. Mycologia, 2018, 110, 1058-1080.	1.9	79
65	Taxonomy and phylogeny of the<i>Fusarium dimerum</i>species group. Mycologia, 2009, 101, 44-70.	1.9	78
66	Amoebidium parasiticum Is a Protozoan, Not a Trichomycete. Mycologia, 2000, 92, 1133.	1.9	73
67	Phylogenetic relationships among the Harpellales and Kickxellales. Mycologia, 1998, 90, 624-639.	1.9	70
68	Amoebidium parasiticum is a protozoan, not a Trichomycete. Mycologia, 2000, 92, 1133-1137.	1.9	70
69	Taxonomic revision of true morels (Morchella) in Canada and the United States. Mycologia, 2012, 104, 1159-1177.	1.9	70
70	<i>Fusarium commune</i>is a new species identified by morphological and molecular phylogenetic data. Mycologia, 2003, 95, 630-636.	1.9	67
71	Morphological characterization of Gibberella coronicola sp. nov., obtained through mating experiments of Fusarium pseudograminearum. Mycoscience, 1999, 40, 443-453.	0.8	64
72	Cyber infrastructure for Fusarium: three integrated platforms supporting strain identification, phylogenetics, comparative genomics and knowledge sharing. Nucleic Acids Research, 2011, 39, D640-D646.	14.5	63

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73	Fusarium sibiricum sp. nov, a novel type A trichothecene-producing Fusarium from northern Asia closely related to F. sporotrichioides and F. langsethiae. International Journal of Food Microbiology, 2011, 147, 58-68.	4.7	61
74	No to <i>Neocosmospora</i> : Phylogenomic and Practical Reasons for Continued Inclusion of the Fusarium solani Species Complex in the Genus <i>Fusarium</i>. MSphere, 2020, 5, .	2.9	61
75	Molecular Phylogeny of Parasitic Zygomycota (Dimargaritales, Zoopagales) Based on Nuclear Small Subunit Ribosomal DNA Sequences. Molecular Phylogenetics and Evolution, 2000, 16, 253-262.	2.7	60
76	Molecular Relationships of Fungi Within the Fusarium redolens-F. hostae Clade. Phytopathology, 2001, 91, 1037-1044.	2.2	60
77	Identification and Characterization of a Novel Etiological Agent of Mango Malformation Disease in Mexico, <i>Fusarium mexicanum</i> sp. nov.. Phytopathology, 2010, 100, 1176-1184.	2.2	60
78	A multigene molecular phylogenetic assessment of true morels (Morchella) in Turkey. Fungal Genetics and Biology, 2010, 47, 672-682.	2.1	58
79	A novel plantâ€"fungal mutualism associated with fire. Fungal Biology, 2012, 116, 133-144.	2.5	58
80	Resolving the Mortierellaceae phylogeny through synthesis of multi-gene phylogenetics and phylogenomics. Fungal Diversity, 2020, 104, 267-289.	12.3	57
81	Soybean Sudden Death Syndrome Species Diversity Within North and South America Revealed by Multilocus Genotyping. Phytopathology, 2010, 100, 58-71.	2.2	55
82	Multilocus phylogenetics show high levels of endemic fusaria inhabiting Sardinian soils (Tyrrhenian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	54
83	Multilocus phylogenetic analysis of true morels (<i>Morchella</i>) reveals high levels of endemics in Turkey relative to other regions of Europe. Mycologia, 2012, 104, 446-461.	1.9	52
84	Invasive Asian Fusarium â€" Euwallacea ambrosia beetle mutualists pose a serious threat to forests, urban landscapes and the avocado industry. Phytoparasitica, 2016, 44, 435-442.	1.2	52
85	How well do ITS rDNA sequences differentiate species of true morels (<i>Morchella</i>)?. Mycologia, 2012, 104, 1351-1368.	1.9	49
86	Phylogenetic diversity, trichothecene potential, and pathogenicity within Fusarium sambucinum species complex. PLoS ONE, 2021, 16, e0245037.	2.5	49
87	Chronic Rhinofacial Mucormycosis Caused by Mucor irregularis (Rhizomucor variabilis) in India. Journal of Clinical Microbiology, 2011, 49, 2372-2375.	3.9	48
88	DNA Sequence-Based Identification of<i>Fusarium</i>: A Work in Progress. Plant Disease, 2022, 106, 1597-1609.	1.4	48
89	Metabolic profiles of soybean roots during early stages of Fusarium tucumaniae infection. Journal of Experimental Botany, 2015, 66, 391-402.	4.8	47
90	Estimated Fumonisin Exposure in Guatemala Is Greatest in Consumers of Lowland Maize ,. Journal of Nutrition, 2007, 137, 2723-2729.	2.9	46

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91	Molecular Phylogenetic Diversity of Dermatologic and Other Human Pathogenic Fusarial Isolates from Hospitals in Northern and Central Italy. Journal of Clinical Microbiology, 2010, 48, 1076-1084.	3.9	46
92	Fusarium kyushuense sp. nov. from Japan. Mycoscience, 1998, 39, 1-6.	0.8	45
93	Population genetic structure and mycotoxin potential of the wheat crown rot and head blight pathogen Fusarium culmorum in Algeria. Fungal Genetics and Biology, 2017, 103, 34-41.	2.1	44
94	Fusarium fractiflexum sp. nov. and two other species within the Gibberella fujikuroi species complex recently discovered in Japan that form aerial conidia in false heads. Mycoscience, 2001, 42, 461-478.	0.8	43
95	Soybean pod blight and root rot caused by lineages of the Fusarium graminearum and the production of mycotoxins. Tropical Plant Pathology, 2004, 29, 492-498.	0.3	42
96	Two new species of<i>Fusarium: Fusarium brevicatenulatum</i>from the noxious weed<i>Striga asiatica</i>in Madagascar and<i>Fusarium pseudoanthophilum</i>from<i>Zea mays</i>in Zimbabwe. Mycologia, 1998, 90, 459-463.	1.9	41
97	Veterinary Fusarioses within the United States. Journal of Clinical Microbiology, 2016, 54, 2813-2819.	3.9	41
98	<i>Fusarium</i> mycotoxins: a trans-disciplinary overview. Canadian Journal of Plant Pathology, 2018, 40, 161-171.	1.4	37
99	<i>Fusarium dactylidis</i> sp. nov., a novel nivalenol toxin-producing species sister to <i>F. pseudograminearum</i> isolated from orchard grass (<i>Dactylis glomerata</i>) in Oregon and New Zealand. Mycologia, 2015, 107, 409-418.	1.9	34
100	Fusarium azukicola sp. nov., an exotic azuki bean root-rot pathogen in Hokkaido, Japan. Mycologia, 2012, 104, 1068-1084.	1.9	33
101	Clonality, recombination, and hybridization in the plumbing-inhabiting human pathogen Fusarium keratoplasticum inferred from multilocus sequence typing. BMC Evolutionary Biology, 2014, 14, 91.	3.2	32
102	Clustering of Two Genes Putatively Involved in Cyanate Detoxification Evolved Recently and Independently in Multiple Fungal Lineages. Genome Biology and Evolution, 2015, 7, 789-800.	2.5	32
103	Two novel <i>Fusarium</i> species that cause canker disease of prickly ash (<i>Zanthoxylum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1 108, 668-681.	1.9	32
104	<i>Fusarium agapanthi</i> sp. nov., a novel bikaverin and fusarubin-producing leaf and stem spot pathogen of <i>Agapanthus praecox</i> (African lily) from Australia and Italy. Mycologia, 2016, 108, 981-992.	1.9	31
105	Genetic architecture and evolution of the mating type locus in fusaria that cause soybean sudden death syndrome and bean root rot. Mycologia, 2014, 106, 686-697.	1.9	30
106	Three novel Ambrosia <i>Fusarium</i> Clade species producing clavate macroconidia known (<i>F.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Euwallacea</i> spp. (Coleoptera: Scolytinae) on woody hosts. Mycologia, 2019, 111, 919-935.	1.9	30
107	Shielding the Next Generation: Symbiotic Bacteria from a Reproductive Organ Protect Bobtail Squid Eggs from Fungal Fouling. MBio, 2019, 10, .	4.1	30
108	Two New Species of Fusarium: Fusarium brevicatenulatum from the Noxious Weed Striga asiatica in Madagascar and Fusarium pseudoanthophilum from Zea mays in Zimbabwe. Mycologia, 1998, 90, 459.	1.9	29

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109	A Novel <i>Fusarium</i> Species Causes a Canker Disease of the Critically Endangered Conifer, <i>Torreya taxifolia</i>. Plant Disease, 2011, 95, 633-639.	1.4	29
110	Unraveling the ecology and epidemiology of an emerging fungal disease, sea turtle egg fusariosis (STEF). PLoS Pathogens, 2019, 15, e1007682.	4.7	28
111	FUSARIUM-ID v.3.0: An Updated, Downloadable Resource for <i>Fusarium</i> Species Identification. Plant Disease, 2022, 106, 1610-1616.	1.4	27
112	Plant Pathogen Culture Collections: It Takes a Village to Preserve These Resources Vital to the Advancement of Agricultural Security and Plant Pathology. Phytopathology, 2006, 96, 920-925.	2.2	26
113	Dermatitis and systemic mycosis in lined seahorses Hippocampus erectus associated with a marine-adapted Fusarium solani species complex pathogen. Diseases of Aquatic Organisms, 2012, 101, 23-31.	1.0	26
114	<i>Fusarium torreyae</i> sp. nov., a pathogen causing canker disease of Florida torreya (<i>Torreya) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Georgia. Mycologia, 2013, 105, 312-319.	1.9	26
115	Evidence Implicating Thamnostylum lucknowense as an Etiological Agent of Rhino-Orbital Mucormycosis. Journal of Clinical Microbiology, 2012, 50, 1491-1494.	3.9	24
116	Morchella australianasp. nov., an apparent Australian endemic from New South Wales and Victoria. Mycologia, 2014, 106, 113-118.	1.9	24
117	Four new morel (<i>Morchella</i>) species in the elata subclade (<i>M</i>. sect. <i>Distantes</i>) from Turkey. Mycotaxon, 2016, 131, 467-482.	0.3	24
118	Molecular systematics of two sister clades, the <i>Fusarium concolor</i> and <i>F. babinda</i> species complexes, and the discovery of a novel microcycle macroconidiumâ€"producing species from South Africa. Mycologia, 2018, 110, 1189-1204.	1.9	24
119	Karyotype evolution in Fusarium. IMA Fungus, 2018, 9, 13-26.	3.8	24
120	Soybean SDS in South Africa is Caused by <i>Fusarium brasiliense</i> and a Novel Undescribed <i>Fusarium</i> sp.. Plant Disease, 2017, 101, 150-157.	1.4	22
121	<i>Fusarium algeriense</i>, sp. nov., a novel toxigenic crown rot pathogen of durum wheat from Algeria is nested in the <i>Fusarium burgessii</i> species complex. Mycologia, 2017, 109, 935-950.	1.9	22
122	Fusarium falciforme Vertebral Abscess and Osteomyelitis: Case Report and Molecular Classification. Journal of Clinical Microbiology, 2011, 49, 2350-2353.	3.9	21
123	Investigation of an Outbreak of Fusarium Foot and Fruit Rot of Pumpkin Within the United States. Plant Disease, 2007, 91, 1142-1146.	1.4	18
124	<i>Fusarium graminearum</i> Species Complex: A Bibliographic Analysis and Web-Accessible Database for Global Mapping of Species and Trichothecene Toxin Chemotypes. Phytopathology, 2022, 112, 741-751.	2.2	18
125	Four new species of<i>Morchella</i>from the Americas. Mycologia, 2018, 110, 1205-1221.	1.9	17
126	Two new species of true morels from Newfoundland and Labrador: cosmopolitan <i>Morchella eohespera</i> and parochial <i>M. laurentiana</i>. Mycologia, 2016, 108, 31-37.	1.9	16

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127	PCR Multiplexes Discriminate Fusarium Symbionts of Invasive Euwallacea Ambrosia Beetles that Inflict Damage on Numerous Tree Species Throughout the United States. Plant Disease, 2017, 101, 233-240.	1.4	16
128	Trichothecene-Producing Fusarium Species Isolated from Soybean Roots in Ethiopia and Ghana and their Pathogenicity on Soybean. Plant Disease, 2019, 103, 2070-2075.	1.4	16
129	Comparative Genomics and Transcriptomics During Sexual Development Gives Insight Into the Life History of the Cosmopolitan Fungus Fusarium neocosmosporiellum. Frontiers in Microbiology, 2019, 10, 1247.	3.5	15
130	Heterothallic sexual reproduction in three canker-inducing tree pathogens within the Fusarium torreyae species complex. Mycologia, 2018, 110, 710-725.	1.9	14
131	Fusarium xyrophilum, sp. nov., a member of the Fusarium fujikuroi species complex recovered from pseudoflowers on yellow-eyed grass (Xyris spp.) from Guyana. Mycologia, 2020, 112, 39-51.	1.9	14
132	The degradative activity of a lichenicolous Fusarium sp. compared to related entomogenous species. Mycological Research, 2002, 106, 1204-1210.	2.5	12
133	Identification of Highly Variable Supernumerary Chromosome Segments in an Asexual Pathogen. PLoS ONE, 2016, 11, e0158183.	2.5	12
134	Fusarium praegraminearum sp. nov., a novel nivalenol mycotoxin-producing pathogen from New Zealand can induce head blight on wheat. Mycologia, 2016, 108, 1229-1239.	1.9	12
135	Phylogenetic Diversity and Mycotoxin Potential of Emergent Phytopathogens Within the <i>Fusarium tricinctum</i> Species Complex. Phytopathology, 2022, 112, 1284-1298.	2.2	12
136	Fusarium subtropicale, sp. nov., a novel nivalenol mycotoxinâ€“producing species isolated from barley (Hordeum vulgare) in Brazil and sister to F. praegraminearum. Mycologia, 2018, 110, 860-871.	1.9	10
137	Pseudoflowers produced by Fusarium xyrophilum on yellow-eyed grass (Xyris spp.) in Guyana: A novel floral mimicry system?. Fungal Genetics and Biology, 2020, 144, 103466.	2.1	10
138	Three novel Ambrosia <i>Fusarium</i> Clade species producing multiseptate â€œdolphin-shapedâ€• conidia, and an augmented description of <i>Fusarium kuroshium</i>. Mycologia, 2021, 113, 1-21.	1.9	8
139	<i>Fusarium</i>and Other Opportunistic Hyaline Fungi. , 0, , 2057-2086.		8
140	Design and validation of a robust multiplex polymerase chain reaction assay for <i>MAT</i> idiomorph within the <i>Fusarium fujikuroi</i> species complex. Mycologia, 2019, 111, 772-781.	1.9	7
141	An endophyte of Macrochloa tenacissima (esparto or needle grass) from Tunisia is a novel species in the Fusarium redolens species complex. Mycologia, 2020, 112, 792-807.	1.9	7
142	First report of the post-fire morel <i>Morchella exuberans</i> in eastern North America. Mycologia, 2017, 109, 1-5.	1.9	6
143	Malformation Disease in <i>Tabebuia rosea</i> (Rosy Trumpet) Caused by <i>Fusarium pseudocircinatum</i> in Mexico. Plant Disease, 2021, 105, 2822-2829.	1.4	4
144	Pure Culture and DNA Sequence-Based Identification of Fusarium from Symptomatic Plants and Diverse Substrates. Methods in Molecular Biology, 2022, 2391, 1-20.	0.9	4

#	Article	IF	Citations
145	<i>Fusarium abutilonis</i>and<i>F. guadeloupense</i>, two novel species in the<i>Fusarium buharicum</i>clade supported by multilocus molecular phylogenetic analyses. Mycologia, 2022, 114, 682-696.	1.9	4
146	Systematics of key phytopathogenic Fusarium species: current status and future challenges.. Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan, 2014, 80, S73-S80.	0.1	3
147	Maternal mitochondrial inheritance in two<i>Fusarium</i>pathogens of prickly ash (<i>Zanthoxylum) Tj ETQq1 1 0.784314 rgBT /Overl	1.9	2
148	Weeds Harbor <i>Fusarium</i> Species that Cause Malformation Disease of Economically Important Trees in Western Mexico. Plant Disease, 2022, 106, 612-622.	1.4	1
149	Members of the <i>Fusarium oxysporum</i> Complex Causing Wilt Symptoms inÂMedical Cannabis in Israel, Italy, and North America Comprise a Polyphyletic Assemblage. Plant Disease, 2022, 106, 2656-2662.	1.4	1