

# Kerry O Donnell

## List of Publications by Citations

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143  
papers

19,050  
citations

63  
h-index

137  
g-index

150  
ext. papers

21,718  
ext. citations

4.4  
avg, IF

6.43  
L-index

#	Paper	IF	Citations
143	Reconstructing the early evolution of Fungi using a six-gene phylogeny. <i>Nature</i> , <b>2006</b> , 443, 818-22	50.4	1392
142	Two divergent intragenomic rDNA ITS2 types within a monophyletic lineage of the fungus <i>Fusarium</i> are nonorthologous. <i>Molecular Phylogenetics and Evolution</i> , <b>1997</b> , 7, 103-16	4.1	1377
141	A phylum-level phylogenetic classification of zygomycete fungi based on genome-scale data. <i>Mycologia</i> , <b>2016</b> , 108, 1028-1046	2.4	684
140	Molecular systematics and phylogeography of the <i>Gibberella fujikuroi</i> species complex. <i>Mycologia</i> , <b>1998</b> , 90, 465-493	2.4	677
139	FUSARIUM-ID v. 1.0: A DNA Sequence Database for Identifying <i>Fusarium</i> . <i>European Journal of Plant Pathology</i> , <b>2004</b> , 110, 473-479	2.1	669
138	The <i>Fusarium graminearum</i> genome reveals a link between localized polymorphism and pathogen specialization. <i>Science</i> , <b>2007</b> , 317, 1400-2	33.3	668
137	Assembling the fungal tree of life: progress, classification, and evolution of subcellular traits. <i>American Journal of Botany</i> , <b>2004</b> , 91, 1446-80	2.7	640
136	Genealogical concordance between the mating type locus and seven other nuclear genes supports formal recognition of nine phylogenetically distinct species within the <i>Fusarium graminearum</i> clade. <i>Fungal Genetics and Biology</i> , <b>2004</b> , 41, 600-23	3.9	577
135	The Ascomycota tree of life: a phylum-wide phylogeny clarifies the origin and evolution of fundamental reproductive and ecological traits. <i>Systematic Biology</i> , <b>2009</b> , 58, 224-39	8.4	480
134	Molecular Systematics and Phylogeography of the <i>Gibberella fujikuroi</i> Species Complex. <i>Mycologia</i> , <b>1998</b> , 90, 465	2.4	469
133	Multistate outbreak of <i>Fusarium keratitis</i> associated with use of a contact lens solution. <i>JAMA - Journal of the American Medical Association</i> , <b>2006</b> , 296, 953-63	27.4	431
132	Ancestral polymorphism and adaptive evolution in the trichothecene mycotoxin gene cluster of phytopathogenic <i>Fusarium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 9278-83	11.5	414
131	An adaptive evolutionary shift in <i>Fusarium</i> head blight pathogen populations is driving the rapid spread of more toxigenic <i>Fusarium graminearum</i> in North America. <i>Fungal Genetics and Biology</i> , <b>2008</b> , 45, 473-84	3.9	348
130	Global molecular surveillance reveals novel <i>Fusarium</i> head blight species and trichothecene toxin diversity. <i>Fungal Genetics and Biology</i> , <b>2007</b> , 44, 1191-204	3.9	341
129	New <i>Fusarium</i> species and combinations within the <i>Gibberella fujikuroi</i> species complex. <i>Mycologia</i> , <b>1998</b> , 90, 434-458	2.4	331
128	Molecular phylogenetic diversity, multilocus haplotype nomenclature, and in vitro antifungal resistance within the <i>Fusarium solani</i> species complex. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 2477-90	9.7	319
127	Internet-accessible DNA sequence database for identifying fusaria from human and animal infections. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 3708-18	9.7	315

126	Gene Genealogies and AFLP Analyses in the <i>Fusarium oxysporum</i> Complex Identify Monophyletic and Nonmonophyletic Formae Speciales Causing Wilt and Rot Disease. <i>Phytopathology</i> , <b>2000</b> , 90, 891-900	3.8	295
125	<i>Fusarium</i> pathogenomics. <i>Annual Review of Microbiology</i> , <b>2013</b> , 67, 399-416	17.5	294
124	Ribosomal DNA internal transcribed spacers are highly divergent in the phytopathogenic ascomycete <i>Fusarium sambucinum</i> ( <i>Gibberella pulicaris</i> ). <i>Current Genetics</i> , <b>1992</b> , 22, 213-20	2.9	289
123	Molecular phylogeny of the <i>Nectria haematococca</i> - <i>Fusarium solani</i> species complex. <i>Mycologia</i> , <b>2000</b> , 92, 919-938	2.4	266
122	Phylogenetic analyses of RPB1 and RPB2 support a middle Cretaceous origin for a clade comprising all agriculturally and medically important fusaria. <i>Fungal Genetics and Biology</i> , <b>2013</b> , 52, 20-31	3.9	254
121	Members of the <i>Fusarium solani</i> species complex that cause infections in both humans and plants are common in the environment. <i>Journal of Clinical Microbiology</i> , <b>2006</b> , 44, 2186-90	9.7	251
120	New <i>Fusarium</i> Species and Combinations within the <i>Gibberella fujikuroi</i> Species Complex. <i>Mycologia</i> , <b>1998</b> , 90, 434	2.4	230
119	Phylogenetic relationships among ascomycetous truffles and the true and false morels inferred from 18S and 28S ribosomal DNA sequence analysis. <i>Mycologia</i> , <b>1997</b> , 89, 48-65	2.4	217
118	Molecular Phylogeny of the <i>Nectria haematococca</i> - <i>Fusarium solani</i> Species Complex. <i>Mycologia</i> , <b>2000</b> , 92, 919	2.4	215
117	Phylogenetic diversity and microsphere array-based genotyping of human pathogenic <i>Fusaria</i> , including isolates from the multistate contact lens-associated U.S. keratitis outbreaks of 2005 and 2006. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 2235-48	9.7	210
116	A two-locus DNA sequence database for typing plant and human pathogens within the <i>Fusarium oxysporum</i> species complex. <i>Fungal Genetics and Biology</i> , <b>2009</b> , 46, 936-48	3.9	207
115	Genetic diversity of human pathogenic members of the <i>Fusarium oxysporum</i> 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 infections. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 5100-09	9.7	179
114	Novel multilocus sequence typing scheme reveals high genetic diversity of human pathogenic members of the <i>Fusarium incarnatum</i> - <i>F. equiseti</i> and <i>F. chlamydosporum</i> species complexes within the United States. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 3851-61	9.7	177
113	Morphological and molecular characterization of <i>Fusarium pseudograminearum</i> sp. nov., formerly recognized as the Group 1 population of <i>F. graminearum</i> . <i>Mycologia</i> , <b>1999</b> , 91, 597-609	2.4	174
112	Sudden-death syndrome of soybean is caused by two morphologically and phylogenetically distinct species within the <i>Fusarium solani</i> species complex: <i>F. virguliforme</i> in North America and <i>F. tucumaniae</i> in South America. <i>Mycologia</i> , <b>2003</b> , 95, 660-684	2.4	166
111	DNA sequence-based identification of <i>Fusarium</i> : Current status and future directions. <i>Phytoparasitica</i> , <b>2015</b> , 43, 583-595	1.5	165
110	Multilocus genotyping and molecular phylogenetics resolve a novel head blight pathogen within the <i>Fusarium graminearum</i> species complex from Ethiopia. <i>Fungal Genetics and Biology</i> , <b>2008</b> , 45, 1514-22	3.9	164
109	<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. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2008</b> , 52, 171-82	5.9	156

108	One fungus, one name: defining the genus <i>Fusarium</i> in a scientifically robust way that preserves longstanding use. <i>Phytopathology</i> , <b>2013</b> , 103, 400-8	3.8	155
107	Novel <i>Fusarium</i> head blight pathogens from Nepal and Louisiana revealed by multilocus genealogical concordance. <i>Fungal Genetics and Biology</i> , <b>2011</b> , 48, 1096-107	3.9	153
106	Morphological and Molecular Characterization of <i>Fusarium pseudograminearum</i> sp. nov., Formerly Recognized as the Group 1 Population of <i>F. graminearum</i> . <i>Mycologia</i> , <b>1999</b> , 91, 597	2.4	147
105	Detection and quantification of airborne conidia of <i>Fusarium circinatum</i> , 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. <i>Applied and Environmental Microbiology</i> , <b>2004</b> , 70, 3512-20	4.8	142
104	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. <i>Mycologia</i> , <b>2009</b> , 101, 841-52	2.4	141
103	Systematics of key phytopathogenic <i>Fusarium</i> species: current status and future challenges. <i>Journal of General Plant Pathology</i> , <b>2014</b> , 80, 189-201	1	139
102	Nivalenol-type populations of <i>Fusarium graminearum</i> and <i>F. asiaticum</i> are prevalent on wheat in southern Louisiana. <i>Phytopathology</i> , <b>2011</b> , 101, 124-34	3.8	133
101	Phylogenetic diversity of insecticolous fusaria inferred from multilocus DNA sequence data and their molecular identification via FUSARIUM-ID and <i>Fusarium</i> MLST. <i>Mycologia</i> , <b>2012</b> , 104, 427-45	2.4	126
100	Evolutionary relationships among mucoralean fungi (Zygomycota): Evidence for family polyphyly on a large scale. <i>Mycologia</i> , <b>2001</b> , 93, 286-297	2.4	124
99	The trichothecene biosynthesis gene cluster of <i>Fusarium graminearum</i> F15 contains a limited number of essential pathway genes and expressed non-essential genes. <i>FEBS Letters</i> , <b>2003</b> , 539, 105-10	3.8	120
98	Phylogenetic relationships among members of the <i>Fusarium solani</i> species complex in human infections and the descriptions of <i>F. keratoplasticum</i> sp. nov. and <i>F. petroliphilum</i> stat. nov. <i>Fungal Genetics and Biology</i> , <b>2013</b> , 53, 59-70	3.9	119
97	Phylogenetic Relationships among Ascomycetous Truffles and the True and False Morels Inferred from 18S and 28S Ribosomal DNA Sequence Analysis. <i>Mycologia</i> , <b>1997</b> , 89, 48	2.4	115
96	Sudden death syndrome of soybean in South America is caused by four species of <i>Fusarium</i> : <i>Fusarium brasiliense</i> sp. nov., <i>F. cuneirostrum</i> sp. nov., <i>F. tucumaniae</i> , and <i>F. virguliforme</i> . <i>Mycoscience</i> , <b>2005</b> , 46, 162-183	1.2	115
95	An inordinate fondness for <i>Fusarium</i> : phylogenetic diversity of fusaria cultivated by ambrosia beetles in the genus <i>Euwallacea</i> on avocado and other plant hosts. <i>Fungal Genetics and Biology</i> , <b>2013</b> , 56, 147-57	3.9	113
94	Evolution of <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> Races Inferred from Multigene Genealogies. <i>Phytopathology</i> , <b>2001</b> , 91, 1231-7	3.8	111
93	Phylogeny of the Zygomycota based on nuclear ribosomal sequence data. <i>Mycologia</i> , <b>2006</b> , 98, 872-84	2.4	103
92	Evolutionary Relationships among Mucoralean Fungi (Zygomycota): Evidence for Family Polyphyly on a Large Scale. <i>Mycologia</i> , <b>2001</b> , 93, 286	2.4	96
91	Widespread occurrence of diverse human pathogenic types of the fungus <i>Fusarium</i> detected in plumbing drains. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 4264-72	9.7	93

90	Discordant phylogenies suggest repeated host shifts in the <i>Fusarium</i> - <i>Euwallacea</i> ambrosia beetle mutualism. <i>Fungal Genetics and Biology</i> , <b>2015</b> , 82, 277-90	3.9	92
89	Phylogeny and historical biogeography of true morels ( <i>Morchella</i> ) reveals an early Cretaceous origin and high continental endemism and provincialism in the Holarctic. <i>Fungal Genetics and Biology</i> , <b>2011</b> , 48, 252-65	3.9	88
88	Analysis of the <i>Fusarium graminearum</i> species complex from wheat, barley and maize in South Africa provides evidence of species-specific differences in host preference. <i>Fungal Genetics and Biology</i> , <b>2011</b> , 48, 914-20	3.9	86
87	Multigene molecular phylogenetics reveals true morels ( <i>Morchella</i> ) are especially species-rich in China. <i>Fungal Genetics and Biology</i> , <b>2012</b> , 49, 455-69	3.9	75
86	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. <i>Molecular Plant-Microbe Interactions</i> , <b>1995</b> , 8, 709-16	3.6	74
85	Diversity of <i>Fusarium</i> head blight populations and trichothecene toxin types reveals regional differences in pathogen composition and temporal dynamics. <i>Fungal Genetics and Biology</i> , <b>2015</b> , 82, 22-31 <sup>9</sup>	3.9	72
84	Systematics, Phylogeny and Trichothecene Mycotoxin Potential of <i>Fusarium</i> Head Blight Cereal Pathogens. <i>Mycotoxins</i> , <b>2012</b> , 62, 91-102	0.2	72
83	Taxonomy and phylogeny of the <i>Fusarium dimerum</i> species group. <i>Mycologia</i> , <b>2009</b> , 101, 44-70	2.4	72
82	<i>Amoebidium parasiticum</i> is a protozoan, not a Trichomycete. <i>Mycologia</i> , <b>2000</b> , 92, 1133-1137	2.4	64
81	True morels ( <i>Morchella</i> , Pezizales) of Europe and North America: evolutionary relationships inferred from multilocus data and a unified taxonomy. <i>Mycologia</i> , <b>2015</b> , 107, 359-82	2.4	62
80	Cyber infrastructure for <i>Fusarium</i> : three integrated platforms supporting strain identification, phylogenetics, comparative genomics and knowledge sharing. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, D640-6	20.1	56
79	<i>Amoebidium parasiticum</i> Is a Protozoan, Not a Trichomycete. <i>Mycologia</i> , <b>2000</b> , 92, 1133	2.4	56
78	Phylogenetic relationships among the Harpellales and Kickxellales. <i>Mycologia</i> , <b>1998</b> , 90, 624-639	2.4	55
77	<i>Fusarium commune</i> is a new species identified by morphological and molecular phylogenetic data. <i>Mycologia</i> , <b>2003</b> , 95, 630-636	2.4	54
76	Morphological characterization of <i>Gibberella conicola</i> sp. nov., obtained through mating experiments of <i>Fusarium pseudograminearum</i> . <i>Mycoscience</i> , <b>1999</b> , 40, 443-453	1.2	54
75	Taxonomic revision of true morels ( <i>Morchella</i> ) in Canada and the United States. <i>Mycologia</i> , <b>2012</b> , 104, 1159-77	2.4	51
74	Identification and characterization of a novel etiological agent of mango malformation disease in Mexico, <i>Fusarium mexicanum</i> sp. nov. <i>Phytopathology</i> , <b>2010</b> , 100, 1176-84	3.8	51
73	A novel plant-fungal mutualism associated with fire. <i>Fungal Biology</i> , <b>2012</b> , 116, 133-44	2.8	49

72	Molecular Relationships of Fungi Within the <i>Fusarium redolens</i> - <i>F. hostae</i> Clade. <i>Phytopathology</i> , <b>2001</b> , 91, 1037-44	3.8	49
71	<i>Fusarium sibiricum</i> sp. nov, a novel type A trichothecene-producing <i>Fusarium</i> from northern Asia closely related to <i>F. sporotrichioides</i> and <i>F. langsethiae</i> . <i>International Journal of Food Microbiology</i> , <b>2011</b> , 147, 58-68	5.8	48
70	Marasas et al. 1984 "Toxigenic <i>Fusarium</i> Species: Identity and Mycotoxicology" revisited. <i>Mycologia</i> , <b>2018</b> , 110, 1058-1080	2.4	48
69	Molecular phylogeny of parasitic zygomycota (Dimargaritales, zoopagales) based on nuclear small subunit ribosomal DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , <b>2000</b> , 16, 253-62	4.1	47
68	Multilocus phylogenetics show high levels of endemic fusaria inhabiting Sardinian soils (Tyrrhenian Islands). <i>Mycologia</i> , <b>2010</b> , 102, 803-12	2.4	46
67	Soybean sudden death syndrome species diversity within north and South America revealed by multilocus genotyping. <i>Phytopathology</i> , <b>2010</b> , 100, 58-71	3.8	44
66	Molecular phylogenetic diversity of dermatologic and other human pathogenic fusarial isolates from hospitals in northern and central Italy. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 1076-84	9.7	42
65	A multigene molecular phylogenetic assessment of true morels ( <i>Morchella</i> ) in Turkey. <i>Fungal Genetics and Biology</i> , <b>2010</b> , 47, 672-82	3.9	42
64	Chronic rhinofacial mucormycosis caused by <i>Mucor irregularis</i> ( <i>Rhizomucor variabilis</i> ) in India. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 2372-5	9.7	40
63	How well do ITS rDNA sequences differentiate species of true morels ( <i>Morchella</i> )?. <i>Mycologia</i> , <b>2012</b> , 104, 1351-68	2.4	39
62	Two new species of <i>Fusarium</i> : <i>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. <i>Mycologia</i> , <b>1998</b> , 90, 459-463	3.4	39
61	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic that Includes the Species Complex. <i>Phytopathology</i> , <b>2021</b> , 111, 1064-1079	3.8	39
60	Multilocus phylogenetic analysis of true morels ( <i>Morchella</i> ) reveals high levels of endemics in Turkey relative to other regions of Europe. <i>Mycologia</i> , <b>2012</b> , 104, 446-61	2.4	38
59	Estimated fumonisin exposure in Guatemala is greatest in consumers of lowland maize. <i>Journal of Nutrition</i> , <b>2007</b> , 137, 2723-9	4.1	38
58	Metabolic profiles of soybean roots during early stages of <i>Fusarium tucumaniae</i> infection. <i>Journal of Experimental Botany</i> , <b>2015</b> , 66, 391-402	7	37
57	Soybean pod blight and root rot caused by lineages of the <i>Fusarium graminearum</i> and the production of mycotoxins. <i>Tropical Plant Pathology</i> , <b>2004</b> , 29, 492-498		37
56	<i>Fusarium fractiflexum</i> sp. nov. and two other species within the <i>Gibberella fujikuroi</i> species complex recently discovered in Japan that form aerial conidia in false heads. <i>Mycoscience</i> , <b>2001</b> , 42, 461-478	1.7	33
55	Veterinary Fusarioses within the United States. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 2813-2819	9.7	33

54	No to : Phylogenomic and Practical Reasons for Continued Inclusion of the <i>Fusarium solani</i> Species Complex in the Genus. <i>MSphere</i> , <b>2020</b> , 5,	5	32
53	Population genetic structure and mycotoxin potential of the wheat crown rot and head blight pathogen <i>Fusarium culmorum</i> in Algeria. <i>Fungal Genetics and Biology</i> , <b>2017</b> , 103, 34-41	3.9	31
52	Invasive Asian <i>Fusarium</i> [Euwallacea ambrosia beetle mutualists pose a serious threat to forests, urban landscapes and the avocado industry. <i>Phytoparasitica</i> , <b>2016</b> , 44, 435-442	1.5	31
51	<i>Fusarium kyushuense</i> sp. nov. from Japan. <i>Mycoscience</i> , <b>1998</b> , 39, 1-6	1.2	31
50	<i>Fusarium</i> mycotoxins: a trans-disciplinary overview. <i>Canadian Journal of Plant Pathology</i> , <b>2018</b> , 40, 161-176	1.6	27
49	<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. <i>Mycologia</i> , <b>2016</b> , 108, 981-992	2.4	27
48	Two novel <i>Fusarium</i> species that cause canker disease of prickly ash ( <i>Zanthoxylum bungeanum</i> ) in northern China form a novel clade with <i>Fusarium torreyae</i> . <i>Mycologia</i> , <b>2016</b> , 108, 668-81	2.4	25
47	<i>Fusarium azukicola</i> sp. nov., an exotic azuki bean root-rot pathogen in Hokkaido, Japan. <i>Mycologia</i> , <b>2012</b> , 104, 1068-84	2.4	25
46	Two New Species of <i>Fusarium</i> : <i>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. <i>Mycologia</i> , <b>1998</b> , 90, 459	2.4	25
45	Clustering of two genes putatively involved in cyanate detoxification evolved recently and independently in multiple fungal lineages. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 789-800	3.9	24
44	Clonality, recombination, and hybridization in the plumbing-inhabiting human pathogen <i>Fusarium keratoplasticum</i> inferred from multilocus sequence typing. <i>BMC Evolutionary Biology</i> , <b>2014</b> , 14, 91	3	24
43	<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. <i>Mycologia</i> , <b>2015</b> , 107, 409-18	2.4	24
42	Genetic architecture and evolution of the mating type locus in fusaria that cause soybean sudden death syndrome and bean root rot. <i>Mycologia</i> , <b>2014</b> , 106, 686-97	2.4	23
41	Plant pathogen culture collections: it takes a village to preserve these resources vital to the advancement of agricultural security and plant pathology. <i>Phytopathology</i> , <b>2006</b> , 96, 920-5	3.8	23
40	<i>Fusarium torreyae</i> sp. nov., a pathogen causing canker disease of Florida torrey (Torrey taxifolia), a critically endangered conifer restricted to northern Florida and southwestern Georgia. <i>Mycologia</i> , <b>2013</b> , 105, 312-9	2.4	21
39	A Novel <i>Fusarium</i> Species Causes a Canker Disease of the Critically Endangered Conifer, <i>Torreya taxifolia</i> . <i>Plant Disease</i> , <b>2011</b> , 95, 633-639	1.5	21
38	<i>Morchella australiana</i> sp. nov., an apparent Australian endemic from New South Wales and Victoria. <i>Mycologia</i> , <b>2014</b> , 106, 113-8	2.4	20
37	Dermatitis and systemic mycosis in lined seahorses <i>Hippocampus erectus</i> associated with a marine-adapted <i>Fusarium solani</i> species complex pathogen. <i>Diseases of Aquatic Organisms</i> , <b>2012</b> , 101, 23-31	1.7	19

36	Resolving the Mortierellaceae phylogeny through synthesis of multi-gene phylogenetics and phylogenomics. <i>Fungal Diversity</i> , <b>2020</b> , 104, 267-289	17.6	18
35	Soybean SDS in South Africa is Caused by <i>Fusarium brasiliense</i> and a Novel Undescribed <i>Fusarium</i> sp. <i>Plant Disease</i> , <b>2017</b> , 101, 150-157	1.5	16
34	Karyotype evolution in. <i>IMA Fungus</i> , <b>2018</b> , 9, 13-26	6.8	15
33	<i>Fusarium falciforme</i> vertebral abscess and osteomyelitis: case report and molecular classification. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 2350-3	9.7	15
32	Four new morel ( <i>Morchella</i> ) species in the <i>elata</i> subclade ( <i>M. sect. Distantes</i> ) from Turkey. <i>Mycotaxon</i> , <b>2016</b> , 131, 467-482	0.5	14
31	Evidence implicating <i>Thamnostylum lucknowense</i> as an etiological agent of rhino-orbital mucormycosis. <i>Journal of Clinical Microbiology</i> , <b>2012</b> , 50, 1491-4	9.7	14
30	PCR Multiplexes Discriminate <i>Fusarium</i> Symbionts of Invasive <i>Euwallacea</i> Ambrosia Beetles that Inflict Damage on Numerous Tree Species Throughout the United States. <i>Plant Disease</i> , <b>2017</b> , 101, 233-240	1.5	13
29	Three novel <i>Ambrosia</i> Clade species producing clavate macroconidia known ( and ) or predicted ( ) to be farmed by spp. (Coleoptera: Scolytinae) on woody hosts. <i>Mycologia</i> , <b>2019</b> , 111, 919-935	2.4	13
28	Two new species of true morels from Newfoundland and Labrador: cosmopolitan <i>Morchella eohespera</i> and parochial <i>M. laurentiana</i> . <i>Mycologia</i> , <b>2016</b> , 108, 31-7	2.4	13
27	<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. <i>Mycologia</i> , <b>2017</b> , 109, 935-950	2.4	13
26	Shielding the Next Generation: Symbiotic Bacteria from a Reproductive Organ Protect Bobtail Squid Eggs from Fungal Fouling. <i>MBio</i> , <b>2019</b> , 10,	7.8	13
25	Trichothecene-Producing Species Isolated from Soybean Roots in Ethiopia and Ghana and their Pathogenicity on Soybean. <i>Plant Disease</i> , <b>2019</b> , 103, 2070-2075	1.5	12
24	Phylogenetic diversity, trichothecene potential, and pathogenicity within <i>Fusarium sambucinum</i> species complex. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245037	3.7	12
23	The degradative activity of a lichenicolous <i>Fusarium</i> sp. compared to related entomogenous species. <i>Mycological Research</i> , <b>2002</b> , 106, 1204-1210		11
22	Unraveling the ecology and epidemiology of an emerging fungal disease, sea turtle egg fusariosis (STEF). <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007682	7.6	10
21	<i>Fusarium praegraminearum</i> sp. nov., a novel nivalenol mycotoxin-producing pathogen from New Zealand can induce head blight on wheat. <i>Mycologia</i> , <b>2016</b> , 108, 1229-1239	2.4	10
20	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 macroconidium-producing species from South Africa. <i>Mycologia</i> , <b>2018</b> , 110, 1189-1204	2.4	10
19	, sp. nov., a member of the species complex recovered from pseudoflowers on yellow-eyed grass ( spp.) from Guyana. <i>Mycologia</i> , <b>2020</b> , 112, 39-51	2.4	9



18	Four new species of Morchella from the Americas. <i>Mycologia</i> , <b>2018</b> , 110, 1205-1221	2.4	9
17	Investigation of an Outbreak of Fusarium Foot and Fruit Rot of Pumpkin Within the United States. <i>Plant Disease</i> , <b>2007</b> , 91, 1142-1146	1.5	8
16	Fusarium subtropicale, sp. nov., a novel nivalenol mycotoxin-producing species isolated from barley ( <i>Hordeum vulgare</i> ) in Brazil and sister to <i>F. praegraminearum</i> . <i>Mycologia</i> , <b>2018</b> , 110, 860-871	2.4	8
15	Heterothallic sexual reproduction in three canker-inducing tree pathogens within the Fusarium torreyae species complex. <i>Mycologia</i> , <b>2018</b> , 110, 710-725	2.4	8
14	Comparative Genomics and Transcriptomics During Sexual Development Gives Insight Into the Life History of the Cosmopolitan Fungus. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1247	5.7	7
13	Identification of Highly Variable Supernumerary Chromosome Segments in an Asexual Pathogen. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158183	3.7	6
12	An endophyte of (esparto or needle grass) from Tunisia is a novel species in the species complex. <i>Mycologia</i> , <b>2020</b> , 112, 792-807	2.4	5
11	Fusarium and Other Opportunistic Hyaline Fungi 2057-2086		5
10	Pseudoflowers produced by Fusarium xyrophilum on yellow-eyed grass ( <i>Xyris</i> spp.) in Guyana: A novel floral mimicry system?. <i>Fungal Genetics and Biology</i> , <b>2020</b> , 144, 103466	3.9	5
9	Design and validation of a robust multiplex polymerase chain reaction assay for idiomorph within the species complex. <i>Mycologia</i> , <b>2019</b> , 111, 772-781	2.4	4
8	First report of the post-fire morel <i>Morchella exuberans</i> in eastern North America. <i>Mycologia</i> , <b>2017</b> , 109, 710-714	2.4	3
7	DNA sequence-based identification of Fusarium: A work in progress.. <i>Plant Disease</i> , <b>2021</b> ,	1.5	3
6	Three novel Ambrosia Clade species producing multiseptate "dolphin-shaped" conidia, and an augmented description of. <i>Mycologia</i> , <b>2021</b> , 113, 1089-1109	2.4	2
5	Maternal mitochondrial inheritance in two Fusarium pathogens of prickly ash ( <i>Zanthoxylum bungeanum</i> ) in northern China. <i>Mycologia</i> , <b>2019</b> , 111, 235-243	2.4	1
4	Systematics of key phytopathogenic Fusarium species: current status and future challenges.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , <b>2014</b> , 80, S73-S80	0.1	1
3	Fusarium graminearum species complex: A bibliographic analysis and web-accessible database for global mapping of species and trichothecene toxin chemotypes. <i>Phytopathology</i> , <b>2021</b> ,	3.8	1
2	Pure Culture and DNA Sequence-Based Identification of Fusarium from Symptomatic Plants and Diverse Substrates. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2391, 1-20	1.4	0
1	Malformation Disease in (Rosy Trumpet) Caused by in Mexico. <i>Plant Disease</i> , <b>2021</b> , PDIS09201942RE	1.5	0

