

# Kerry O'Donnell

## List of Publications by Year in descending order

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149  
papers

24,146  
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13827

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docs citations

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times ranked

12676  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two Divergent Intragenomic rDNA ITS2 Types within a Monophyletic Lineage of the Fungus <i>Fusarium</i> Are Nonorthologous. <i>Molecular Phylogenetics and Evolution</i> , 1997, 7, 103-116.	1.2	1,815
2	Reconstructing the early evolution of Fungi using a six-gene phylogeny. <i>Nature</i> , 2006, 443, 818-822.	13.7	1,625
3	A phylum-level phylogenetic classification of zygomycete fungi based on genome-scale data. <i>Mycologia</i> , 2016, 108, 1028-1046.	0.8	1,092
4	FUSARIUM-ID v. 1.0: A DNA Sequence Database for Identifying <i>Fusarium</i> . <i>European Journal of Plant Pathology</i> , 2004, 110, 473-479.	0.8	860
5	The <i>Fusarium graminearum</i> Genome Reveals a Link Between Localized Polymorphism and Pathogen Specialization. <i>Science</i> , 2007, 317, 1400-1402.	6.0	837
6	Molecular systematics and phylogeography of the <i>Gibberella fujikuroi</i> species complex. <i>Mycologia</i> , 1998, 90, 465-493.	0.8	795
7	Assembling the fungal tree of life: progress, classification, and evolution of subcellular traits. <i>American Journal of Botany</i> , 2004, 91, 1446-1480.	0.8	718
8	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> , 2004, 41, 600-623.	0.9	666
9	The Ascomycota Tree of Life: A Phylum-wide Phylogeny Clarifies the Origin and Evolution of Fundamental Reproductive and Ecological Traits. <i>Systematic Biology</i> , 2009, 58, 224-239.	2.7	581
10	Multistate Outbreak of <i>Fusarium</i> Keratitis Associated With Use of a Contact Lens Solution. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 953.	3.8	518
11	Molecular Systematics and Phylogeography of the <i>Gibberella fujikuroi</i> Species Complex. <i>Mycologia</i> , 1998, 90, 465.	0.8	497
12	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> , 2002, 99, 9278-9283.	3.3	489
13	<i>Fusarium</i> Pathogenomics. <i>Annual Review of Microbiology</i> , 2013, 67, 399-416.	2.9	475
14	Internet-Accessible DNA Sequence Database for Identifying <i>Fusaria</i> from Human and Animal Infections. <i>Journal of Clinical Microbiology</i> , 2010, 48, 3708-3718.	1.8	446
15	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> , 2008, 45, 473-484.	0.9	427
16	Global molecular surveillance reveals novel <i>Fusarium</i> head blight species and trichothecene toxin diversity. <i>Fungal Genetics and Biology</i> , 2007, 44, 1191-1204.	0.9	411
17	New <i>Fusarium</i> species and combinations within the <i>Gibberella fujikuroi</i> species complex. <i>Mycologia</i> , 1998, 90, 434-458.	0.8	401
18	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> , 2008, 46, 2477-2490.	1.8	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. <i>Fungal Genetics and Biology</i> , 2013, 52, 20-31.	0.9	366
20	Ribosomal DNA internal transcribed spacers are highly divergent in the phytopathogenic ascomycete <i>Fusarium sambucinum</i> ( <i>Gibberella pulicaris</i> ). <i>Current Genetics</i> , 1992, 22, 213-220.	0.8	348
21	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> , 2000, 90, 891-900.	1.1	343
22	Molecular phylogeny of the <i>Nectria haematococca-Fusarium solani</i> species complex. <i>Mycologia</i> , 2000, 92, 919-938.	0.8	321
23	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> , 2006, 44, 2186-2190.	1.8	316
24	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> , 2009, 46, 936-948.	0.9	275
25	DNA sequence-based identification of <i>Fusarium</i> : Current status and future directions. <i>Phytoparasitica</i> , 2015, 43, 583-595.	0.6	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. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2235-2248.	1.8	257
27	Phylogenetic relationships among ascomycetous truffles and the true and false morels inferred from 18S and 28S ribosomal DNA sequence analysis. <i>Mycologia</i> , 1997, 89, 48-65.	0.8	249
28	Molecular Phylogeny of the <i>Nectria haematococca-Fusarium solani</i> Species Complex. <i>Mycologia</i> , 2000, 92, 919.	0.8	246
29	New <i>Fusarium</i> Species and Combinations within the <i>Gibberella fujikuroi</i> Species Complex. <i>Mycologia</i> , 1998, 90, 434.	0.8	241
30	Novel Multilocus Sequence Typing Scheme Reveals High Genetic Diversity of Human Pathogenic Members of the <i>Fusarium incarnatum-F. equiseti</i> and <i>F. chlamydosporum</i> Species Complexes within the United States. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3851-3861.	1.8	227
31	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. <i>Phytopathology</i> , 2013, 103, 400-408.	1.1	219
32	Systematics of key phytopathogenic <i>Fusarium</i> species: current status and future challenges. <i>Journal of General Plant Pathology</i> , 2014, 80, 189-201.	0.6	213
33	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 Origin. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5109-5120.	1.8	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> . <i>Mycologia</i> , 1999, 91, 597-609.	0.8	196
35	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> , 2003, 95, 660-684.	0.8	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. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 171-182.	1.4	188

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37	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> , 1999, 91, 597.	0.8	186
38	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> , 2008, 45, 1514-1522.	0.9	186
39	Novel <i>Fusarium</i> head blight pathogens from Nepal and Louisiana revealed by multilocus genealogical concordance. <i>Fungal Genetics and Biology</i> , 2011, 48, 1096-1107.	0.9	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. <i>Mycologia</i> , 2009, 101, 841-852.	0.8	169
41	Nivalenol-Type Populations of <i>Fusarium graminearum</i> and <i>F. asiaticum</i> Are Prevalent on Wheat in Southern Louisiana. <i>Phytopathology</i> , 2011, 101, 124-134.	1.1	167
42	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> , 2012, 104, 427-445.	0.8	164
43	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> , 2004, 70, 3512-3520.	1.4	162
44	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> , 2013, 56, 147-157.	0.9	146
45	Evolutionary relationships among mucoralean fungi (Zygomycota): Evidence for family polyphyly on a large scale. <i>Mycologia</i> , 2001, 93, 286-297.	0.8	145
46	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> , 2013, 53, 59-70.	0.9	142
47	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> , 2003, 539, 105-110.	1.3	138
48	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> , 2005, 46, 162-183.	0.3	138
49	Evolution of <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> Races Inferred from Multigene Genealogies. <i>Phytopathology</i> , 2001, 91, 1231-1237.	1.1	131
50	Phylogeny of the Zygomycota based on nuclear ribosomal sequence data. <i>Mycologia</i> , 2006, 98, 872-884.	0.8	129
51	Discordant phylogenies suggest repeated host shifts in the <i>Fusarium</i> - <i>Euwallacea</i> ambrosia beetle mutualism. <i>Fungal Genetics and Biology</i> , 2015, 82, 277-290.	0.9	121
52	Phylogenetic Relationships among Ascomycetous Truffles and the True and False Morels Inferred from 18S and 28S Ribosomal DNA Sequence Analysis. <i>Mycologia</i> , 1997, 89, 48.	0.8	120
53	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> , 2011, 48, 252-265.	0.9	118
54	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> , 2011, 48, 914-920.	0.9	116

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55	Multigene molecular phylogenetics reveals true morels ( <i>Morchella</i> ) are especially species-rich in China. <i>Fungal Genetics and Biology</i> , 2012, 49, 455-469.	0.9	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. <i>Phytopathology</i> , 2021, 111, 1064-1079.	1.1	107
57	Widespread Occurrence of Diverse Human Pathogenic Types of the Fungus <i>Fusarium</i> Detected in Plumbing Drains. <i>Journal of Clinical Microbiology</i> , 2011, 49, 4264-4272.	1.8	104
58	Evolutionary Relationships among Mucoralean Fungi (Zygomycota): Evidence for Family Polyphyly on a Large Scale. <i>Mycologia</i> , 2001, 93, 286.	0.8	103
59	Systematics, Phylogeny and Trichothecene Mycotoxin Potential of <i>Fusarium</i> Head Blight Cereal Pathogens. <i>Mycotoxins</i> , 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. <i>Molecular Plant-Microbe Interactions</i> , 1995, 8, 709.	1.4	99
61	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> , 2015, 82, 22-31.	0.9	96
62	The Name <i>Fusarium moniliforme</i> Should no Longer be Used. <i>Mycological Research</i> , 2003, 107, 643-644.	2.5	94
63	True morels ( <i>Morchella</i> , Pezizales) of Europe and North America: evolutionary relationships inferred from multilocus data and a unified taxonomy. <i>Mycologia</i> , 2015, 107, 359-382.	0.8	82
64	Marasas et al. 1984 "Toxigenic <i>Fusarium</i> Species: Identity and Mycotoxicology" revisited. <i>Mycologia</i> , 2018, 110, 1058-1080.	0.8	79
65	Taxonomy and phylogeny of the <i>Fusarium dimerum</i> species group. <i>Mycologia</i> , 2009, 101, 44-70.	0.8	78
66	<i>Amoebidium parasiticum</i> Is a Protozoan, Not a Trichomycete. <i>Mycologia</i> , 2000, 92, 1133.	0.8	73
67	Phylogenetic relationships among the Harpellales and Kickxellales. <i>Mycologia</i> , 1998, 90, 624-639.	0.8	70
68	<i>Amoebidium parasiticum</i> is a protozoan, not a Trichomycete. <i>Mycologia</i> , 2000, 92, 1133-1137.	0.8	70
69	Taxonomic revision of true morels ( <i>Morchella</i> ) in Canada and the United States. <i>Mycologia</i> , 2012, 104, 1159-1177.	0.8	70
70	<i>Fusarium commune</i> is a new species identified by morphological and molecular phylogenetic data. <i>Mycologia</i> , 2003, 95, 630-636.	0.8	67
71	Morphological characterization of <i>Gibberella coronicola</i> sp. nov., obtained through mating experiments of <i>Fusarium pseudograminearum</i> . <i>Mycoscience</i> , 1999, 40, 443-453.	0.3	64
72	Cyber infrastructure for <i>Fusarium</i> : three integrated platforms supporting strain identification, phylogenetics, comparative genomics and knowledge sharing. <i>Nucleic Acids Research</i> , 2011, 39, D640-D646.	6.5	63

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73	<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> , 2011, 147, 58-68.	2.1	61
74	No to <i>Neocosmospora</i> : Phylogenomic and Practical Reasons for Continued Inclusion of the <i>Fusarium solani</i> Species Complex in the Genus <i>Fusarium</i> . <i>MSphere</i> , 2020, 5, .	1.3	61
75	Molecular Phylogeny of Parasitic Zygomycota (Dimargaritales, Zoopagales) Based on Nuclear Small Subunit Ribosomal DNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2000, 16, 253-262.	1.2	60
76	Molecular Relationships of Fungi Within the <i>Fusarium redolens</i> - <i>F. hostae</i> Clade. <i>Phytopathology</i> , 2001, 91, 1037-1044.	1.1	60
77	Identification and Characterization of a Novel Etiological Agent of Mango Malformation Disease in Mexico, <i>Fusarium mexicanum</i> sp. nov.. <i>Phytopathology</i> , 2010, 100, 1176-1184.	1.1	60
78	A multigene molecular phylogenetic assessment of true morels ( <i>Morchella</i> ) in Turkey. <i>Fungal Genetics and Biology</i> , 2010, 47, 672-682.	0.9	58
79	A novel plant-fungal mutualism associated with fire. <i>Fungal Biology</i> , 2012, 116, 133-144.	1.1	58
80	Resolving the Mortierellaceae phylogeny through synthesis of multi-gene phylogenetics and phylogenomics. <i>Fungal Diversity</i> , 2020, 104, 267-289.	4.7	57
81	Soybean Sudden Death Syndrome Species Diversity Within North and South America Revealed by Multilocus Genotyping. <i>Phytopathology</i> , 2010, 100, 58-71.	1.1	55
82	Multilocus phylogenetics show high levels of endemic fusaria inhabiting Sardinian soils (Tyrrhenian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 54	0.8	54
83	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> , 2012, 104, 446-461.	0.8	52
84	Invasive Asian <i>Fusarium</i> "Euwallacea ambrosia beetle mutualists pose a serious threat to forests, urban landscapes and the avocado industry. <i>Phytoparasitica</i> , 2016, 44, 435-442.	0.6	52
85	How well do ITS rDNA sequences differentiate species of true morels ( <i>Morchella</i> )?. <i>Mycologia</i> , 2012, 104, 1351-1368.	0.8	49
86	Phylogenetic diversity, trichothecene potential, and pathogenicity within <i>Fusarium sambucinum</i> species complex. <i>PLoS ONE</i> , 2021, 16, e0245037.	1.1	49
87	Chronic Rhinofacial Mucormycosis Caused by <i>Mucor irregularis</i> ( <i>Rhizomucor variabilis</i> ) in India. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2372-2375.	1.8	48
88	DNA Sequence-Based Identification of <i>Fusarium</i> : A Work in Progress. <i>Plant Disease</i> , 2022, 106, 1597-1609.	0.7	48
89	Metabolic profiles of soybean roots during early stages of <i>Fusarium tucumaniae</i> infection. <i>Journal of Experimental Botany</i> , 2015, 66, 391-402.	2.4	47
90	Estimated Fumonisin Exposure in Guatemala Is Greatest in Consumers of Lowland Maize ., <i>Journal of Nutrition</i> , 2007, 137, 2723-2729.	1.3	46

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91	Molecular Phylogenetic Diversity of Dermatologic and Other Human Pathogenic Fusarial Isolates from Hospitals in Northern and Central Italy. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1076-1084.	1.8	46
92	<i>Fusarium kyushuense</i> sp. nov. from Japan. <i>Mycoscience</i> , 1998, 39, 1-6.	0.3	45
93	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> , 2017, 103, 34-41.	0.9	44
94	<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> , 2001, 42, 461-478.	0.3	43
95	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> , 2004, 29, 492-498.	0.3	42
96	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> , 1998, 90, 459-463.	0.8	41
97	Veterinary Fusarioses within the United States. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2813-2819.	1.8	41
98	<i>Fusarium</i> mycotoxins: a trans-disciplinary overview. <i>Canadian Journal of Plant Pathology</i> , 2018, 40, 161-171.	0.8	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. <i>Mycologia</i> , 2015, 107, 409-418.	0.8	34
100	<i>Fusarium azukicola</i> sp. nov., an exotic azuki bean root-rot pathogen in Hokkaido, Japan. <i>Mycologia</i> , 2012, 104, 1068-1084.	0.8	33
101	Clonality, recombination, and hybridization in the plumbing-inhabiting human pathogen <i>Fusarium keratoplasticum</i> inferred from multilocus sequence typing. <i>BMC Evolutionary Biology</i> , 2014, 14, 91.	3.2	32
102	Clustering of Two Genes Putatively Involved in Cyanate Detoxification Evolved Recently and Independently in Multiple Fungal Lineages. <i>Genome Biology and Evolution</i> , 2015, 7, 789-800.	1.1	32
103	Two novel <i>Fusarium</i> species that cause canker disease of prickly ash ( <i>Zanthoxylum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 108, 668-681.	0.8	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. <i>Mycologia</i> , 2016, 108, 981-992.	0.8	31
105	Genetic architecture and evolution of the mating type locus in fusaria that cause soybean sudden death syndrome and bean root rot. <i>Mycologia</i> , 2014, 106, 686-697.	0.8	30
106	Three novel Ambrosia <i>Fusarium</i> Clade species producing clavate macroconidia known ( <i>F.</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Euwallacea</i> spp. (Coleoptera: Scolytinae) on woody hosts. <i>Mycologia</i> , 2019, 111, 919-935.	0.8	30
107	Shielding the Next Generation: Symbiotic Bacteria from a Reproductive Organ Protect Bobtail Squid Eggs from Fungal Fouling. <i>MBio</i> , 2019, 10, .	1.8	30
108	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> , 1998, 90, 459.	0.8	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> . <i>Plant Disease</i> , 2011, 95, 633-639.	0.7	29
110	Unraveling the ecology and epidemiology of an emerging fungal disease, sea turtle egg fusariosis (STEF). <i>PLoS Pathogens</i> , 2019, 15, e1007682.	2.1	28
111	FUSARIUM-ID v.3.0: An Updated, Downloadable Resource for <i>Fusarium</i> Species Identification. <i>Plant Disease</i> , 2022, 106, 1610-1616.	0.7	27
112	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> , 2006, 96, 920-925.	1.1	26
113	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> , 2012, 101, 23-31.	0.5	26
114	<i>Fusarium torreyae</i> sp. nov., a pathogen causing canker disease of Florida torrey (Torrey) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5 Georgia. <i>Mycologia</i> , 2013, 105, 312-319.	0.8	26
115	Evidence Implicating <i>Thamnostylum lucknowense</i> as an Etiological Agent of Rhino-Orbital Mucormycosis. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1491-1494.	1.8	24
116	<i>Morchella australiana</i> sp. nov., an apparent Australian endemic from New South Wales and Victoria. <i>Mycologia</i> , 2014, 106, 113-118.	0.8	24
117	Four new morel ( <i>Morchella</i> ) species in the elata subclade ( <i>M.</i> sect. <i>Distantes</i> ) from Turkey. <i>Mycotaxon</i> , 2016, 131, 467-482.	0.1	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 macroconidium-producing species from South Africa. <i>Mycologia</i> , 2018, 110, 1189-1204.	0.8	24
119	Karyotype evolution in <i>Fusarium</i> . <i>IMA Fungus</i> , 2018, 9, 13-26.	1.7	24
120	Soybean SDS in South Africa is Caused by <i>Fusarium brasiliense</i> and a Novel Undescribed <i>Fusarium</i> sp.. <i>Plant Disease</i> , 2017, 101, 150-157.	0.7	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. <i>Mycologia</i> , 2017, 109, 935-950.	0.8	22
122	<i>Fusarium falciforme</i> Vertebral Abscess and Osteomyelitis: Case Report and Molecular Classification. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2350-2353.	1.8	21
123	Investigation of an Outbreak of <i>Fusarium</i> Foot and Fruit Rot of Pumpkin Within the United States. <i>Plant Disease</i> , 2007, 91, 1142-1146.	0.7	18
124	<i>Fusarium graminearum</i> Species Complex: A Bibliographic Analysis and Web-Accessible Database for Global Mapping of Species and Trichothecene Toxin Chemotypes. <i>Phytopathology</i> , 2022, 112, 741-751.	1.1	18
125	Four new species of <i>Morchella</i> from the Americas. <i>Mycologia</i> , 2018, 110, 1205-1221.	0.8	17
126	Two new species of true morels from Newfoundland and Labrador: cosmopolitan <i>Morchella eohespera</i> and parochial <i>M. laurentiana</i> . <i>Mycologia</i> , 2016, 108, 31-37.	0.8	16



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127	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> , 2017, 101, 233-240.	0.7	16
128	Trichothecene-Producing <i>Fusarium</i> Species Isolated from Soybean Roots in Ethiopia and Ghana and their Pathogenicity on Soybean. <i>Plant Disease</i> , 2019, 103, 2070-2075.	0.7	16
129	Comparative Genomics and Transcriptomics During Sexual Development Gives Insight Into the Life History of the Cosmopolitan Fungus <i>Fusarium neocosmosporiellum</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1247.	1.5	15
130	Heterothallic sexual reproduction in three canker-inducing tree pathogens within the <i>Fusarium torreyae</i> species complex. <i>Mycologia</i> , 2018, 110, 710-725.	0.8	14
131	<i>Fusarium xyrophilum</i> , sp. nov., a member of the <i>Fusarium fujikuroi</i> species complex recovered from pseudoflowers on yellow-eyed grass ( <i>Xyris</i> spp.) from Guyana. <i>Mycologia</i> , 2020, 112, 39-51.	0.8	14
132	The degradative activity of a lichenicolous <i>Fusarium</i> sp. compared to related entomogenous species. <i>Mycological Research</i> , 2002, 106, 1204-1210.	2.5	12
133	Identification of Highly Variable Supernumerary Chromosome Segments in an Asexual Pathogen. <i>PLoS ONE</i> , 2016, 11, e0158183.	1.1	12
134	<i>Fusarium praegraminearum</i> sp. nov., a novel nivalenol mycotoxin-producing pathogen from New Zealand can induce head blight on wheat. <i>Mycologia</i> , 2016, 108, 1229-1239.	0.8	12
135	Phylogenetic Diversity and Mycotoxin Potential of Emergent Phytopathogens Within the <i>Fusarium tricinctum</i> Species Complex. <i>Phytopathology</i> , 2022, 112, 1284-1298.	1.1	12
136	<i>Fusarium subtropicale</i> , 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> , 2018, 110, 860-871.	0.8	10
137	Pseudoflowers produced by <i>Fusarium xyrophilum</i> on yellow-eyed grass ( <i>Xyris</i> spp.) in Guyana: A novel floral mimicry system?. <i>Fungal Genetics and Biology</i> , 2020, 144, 103466.	0.9	10
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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. <i>Mycologia</i> , 2019, 111, 772-781.	0.8	7
141	An endophyte of <i>Macrochloa tenacissima</i> (esparto or needle grass) from Tunisia is a novel species in the <i>Fusarium redolens</i> species complex. <i>Mycologia</i> , 2020, 112, 792-807.	0.8	7
142	First report of the post-fire morel <i>Morchella exuberans</i> in eastern North America. <i>Mycologia</i> , 2017, 109, 1-5.	0.8	6
143	Malformation Disease in <i>Tabebuia rosea</i> (Rosy Trumpet) Caused by <i>Fusarium pseudocircinatum</i> in Mexico. <i>Plant Disease</i> , 2021, 105, 2822-2829.	0.7	4
144	Pure Culture and DNA Sequence-Based Identification of <i>Fusarium</i> from Symptomatic Plants and Diverse Substrates. <i>Methods in Molecular Biology</i> , 2022, 2391, 1-20.	0.4	4

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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. <i>Mycologia</i> , 2022, 114, 682-696.	0.8	4
146	Systematics of key phytopathogenic <i>Fusarium</i> species: current status and future challenges.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 2014, 80, S73-S80.	0.1	3
147	Maternal mitochondrial inheritance in two <i>Fusarium</i> pathogens of prickly ash ( <i>Zanthoxylum</i> ) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	2
148	Weeds Harbor <i>Fusarium</i> Species that Cause Malformation Disease of Economically Important Trees in Western Mexico. <i>Plant Disease</i> , 2022, 106, 612-622.	0.7	1
149	Members of the <i>Fusarium oxysporum</i> Complex Causing Wilt Symptoms in Medical Cannabis in Israel, Italy, and North America Comprise a Polyphyletic Assemblage. <i>Plant Disease</i> , 2022, 106, 2656-2662.	0.7	1