Timothy Y James

List of Publications by Year
in descending order

190 papers	17,960 citations	31976 53 h-index	15732 125 g-index
197 all docs	197 docs citations	197 times ranked	15333 citing authors

#	Article	IF	Citations
1	Clonal evolution in serially passaged Cryptococcus neoformans Ã— deneoformans hybrids reveals a heterogenous landscape of genomic change. Genetics, 2022, 220, .	2.9	3
2	Habitat fragmentation in the Brazilian Atlantic Forest is associated with erosion of frog immunogenetic diversity and increased fungal infections. Immunogenetics, 2022, 74, 431-441.	2.4	8
3	Protocol for single-cell isolation and genome amplification of environmental microbial eukaryotes for genomic analysis. STAR Protocols, 2022, 3, 100968.	1.2	1
4	Mycoviruses. Current Biology, 2022, 32, R150-R155.	3.9	33
5	Phytochytrium and Sparrowiella, two new polycentric genera in Cladochytriales. Mycological Progress, 2022, 21, 1.	1.4	2
6	Large-scale fungal strain sequencing unravels the molecular diversity in mating loci maintained by long-term balancing selection. PLoS Genetics, 2022, 18, e1010097.	3.5	12
7	Paraphysoderma sedebokerense GlnS III Is Essential for the Infection of Its Host Haematococcus lacustris. Journal of Fungi (Basel, Switzerland), 2022, 8, 561.	3.5	0
8	Fungal community dynamics associated with harmful cyanobacterial blooms in two Great Lakes. Journal of Great Lakes Research, 2022, 48, 1021-1031.	1.9	3
9	Biotic and abiotic determinants of Batrachochytrium dendrobatidis infections in amphibians of the Brazilian Atlantic Forest. Fungal Ecology, 2021, 49, 100995.	1.6	23
10	Polyrhizophydium stewartii, the first known rhizomycelial genus and species in the Rhizophydiales, is closely related to Batrachochytrium. Mycologia, 2021, 113, 684-690.	1.9	5
11	A single-cell genomics pipeline for environmental microbial eukaryotes. IScience, 2021, 24, 102290.	4.1	7
12	A genome-scale phylogeny of the kingdom Fungi. Current Biology, 2021, 31, 1653-1665.e5.	3.9	170
13	Chemical Similarity of Co-occurring Trees Decreases With Precipitation and Temperature in North American Forests. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	13
14	Genotypic variation in an ecologically important parasite is associated with host species, lake and spore size. Parasitology, 2021, 148, 1303-1312.	1.5	11
15	Geography, Host Genetics, and Crossâ€Domain Microbial Networks Structure the Skin Microbiota of Fragmented Brazilian Atlantic Forest Frog Populations. Ecology and Evolution, 2021, 11, 9293-9307.	1.9	11
16	Evolution and Physiology of Amphibious Yeasts. Annual Review of Microbiology, 2021, 75, 337-357.	7.3	3
17	On a Special Collection in MMBR on Sex in Fungi: Molecular Mechanisms and Evolutionary Implications. Microbiology and Molecular Biology Reviews, 2021, 85, e0009421.	6.6	1
18	Early-diverging fungal phyla: taxonomy, species concept, ecology, distribution, anthropogenic impact, and novel phylogenetic proposals. Fungal Diversity, 2021, 109, 59-98.	12.3	35

#	Article	IF	Citations
19	SCGid: a consensus approach to contig filtering and genome prediction from single-cell sequencing libraries of uncultured eukaryotes. Bioinformatics, 2020, 36, 1994-2000.	4.1	2
20	Toward a Fully Resolved Fungal Tree of Life. Annual Review of Microbiology, 2020, 74, 291-313.	7.3	156
21	The Collection of Zoosporic Eufungi at the University of Michigan (CZEUM): introducing a new repository of barcoded Chytridiomyceta and Blastocladiomycota cultures. IMA Fungus, 2020, 11, 20.	3.8	22
22	Quaeritorhiza haematococci is a new species of parasitic chytrid of the commercially grown alga, Haematococcus pluvialis. Mycologia, 2020, 112, 606-615.	1.9	8
23	Genetic analysis of postâ€epizootic amphibian chytrid strains in Bolivia: Adding a piece to the puzzle. Transboundary and Emerging Diseases, 2020, 67, 2163.	3.0	5
24	Skin microbiome correlates with bioclimate and Batrachochytrium dendrobatidis infection intensity in Brazilâ€™s Atlantic Forest treefrogs. Scientific Reports, 2020, 10, 22311.	3.3	19
25	Chytrid Pathogen (Batrachochytrium dendrobatidis) in African Amphibians: A Continental Analysis of Occurrences and Modeling of Its Potential Distribution. Herpetologica, 2020, 76, 201.	0.4	8
26	Hybridization Facilitates Adaptive Evolution in Two Major Fungal Pathogens. Genes, 2020, 11, 101.	2.4	32
27	Widespread chytrid infection across frogs in the Peruvian Amazon suggests critical role for low elevation in pathogen spread and persistence. PLoS ONE, 2019, 14, e0222718.	2.5	10
28	Adaptation by Loss of Heterozygosity inSaccharomyces cerevisiaeClones Under Divergent Selection. Genetics, 2019, 213, 665-683.	2.9	38
29	Bullfrog farms release virulent zoospores of the frog-killing fungus into the natural environment. Scientific Reports, 2019, 9, 13422.	3.3	27
30	Long-Term Habitat Fragmentation Is Associated With Reduced MHC IIB Diversity and Increased Infections in Amphibian Hosts. Frontiers in Ecology and Evolution, 2019, 6, .	2.2	31
31	Psychoactive plant- and mushroom-associated alkaloids from two behavior modifying cicada pathogens. Fungal Ecology, 2019, 41, 147-164.	1.6	55
32	Comparative pathogenicity of opportunistic black yeasts in Aureobasidium. Mycoses, 2019, 62, 803-811.	4.0	16
33	Novel taxa in Cladochytriales (Chytridiomycota): Karlingiella (gen. nov.) and Nowakowskiella crenulata (sp. nov.). Mycologia, 2019, 111, 506-516.	1.9	13
34	Marine fungi. Current Biology, 2019, 29, R191-R195.	3.9	88
35	A new 18S rRNA phylogeny of uncultured predacious fungi (Zoopagales). Mycologia, 2019, 111, 291-298.	1.9	8
36	Diversity of cytosine methylation across the fungal tree of life. Nature Ecology and Evolution, 2019, 3, 479-490.	7.8	98

#	Article	IF	Citations
37	Fungarium specimens: a largely untapped source in global change biology and beyond. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20170392.	4.0	34
38	Exploring the role of ectomycorrhizal fungi in soil carbon dynamics. New Phytologist, 2019, 223, 33-39.	7.3	147
39	Diverse genotypes of the amphibianâ€killing fungus produce distinct phenotypes through plastic responses to temperature. Journal of Evolutionary Biology, 2019, 32, 287-298.	1.7	22
40	Genome-scale phylogenetics reveals a monophyletic Zoopagales (Zoopagomycota, Fungi). Molecular Phylogenetics and Evolution, 2019, 133, 152-163.	2.7	26
41	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. Journal of Eukaryotic Microbiology, 2019, 66, 4-119.	1.7	904
42	Morphology, Ultrastructure, and Molecular Phylogeny of Rozella multimorpha, a New Species in Cryptomycota. Journal of Eukaryotic Microbiology, 2018, 65, 180-190.	1.7	31
43	Phylogenetic taxon definitions for Fungi, Dikarya, Ascomycota and Basidiomycota. IMA Fungus, 2018, 9, 291-298.	3.8	26
44	Globally invasive genotypes of the amphibian chytrid outcompete an enzootic lineage in coinfections. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181894.	2.6	19
45	Contemporaneous radiations of fungi and plants linked to symbiosis. Nature Communications, 2018, 9, 5451.	12.8	189
46	Genome-Wide Screen forSaccharomyces cerevisiaeGenes Contributing to Opportunistic Pathogenicity in an Invertebrate Model Host. G3: Genes, Genomes, Genetics, 2018, 8, 63-78.	1.8	11
47	Leveraging single-cell genomics to expand the fungal tree of life. Nature Microbiology, 2018, 3, 1417-1428.	13.3	101
48	Development and worldwide use of non-lethal, and minimal population-level impact, protocols for the isolation of amphibian chytrid fungi. Scientific Reports, 2018, 8, 7772.	3.3	24
49	Impacts of experimentally accelerated forest succession on belowground plant and fungal communities. Soil Biology and Biochemistry, 2018, 125, 44-53.	8.8	4
50	Relationship between saccharifying capacity and isolation sources for strains of the Rhizopus arrhizus complex. Mycoscience, 2018, 59, 409-414.	0.8	6
51	Recent Asian origin of chytrid fungi causing global amphibian declines. Science, 2018, 360, 621-627.	12.6	389
52	The age of yeast. Current Biology, 2018, 28, R853-R854.	3.9	0
53	Amphibian chytrid infection is influenced by rainfall seasonality and water availability. Diseases of Aquatic Organisms, 2018, 127, 107-115.	1.0	25
54	The Identification of Phytohormone Receptor Homologs in Early Diverging Fungi Suggests a Role for Plant Sensing in Land Colonization by Fungi. MBio, 2017, 8, .	4.1	41

#	Article	IF	Citations
55	Widespread adenine N6-methylation of active genes in fungi. Nature Genetics, 2017, 49, 964-968.	21.4	292
56	Monoblepharidomycetes diversity includes new parasitic and saprotrophic species with highly intronized rDNA. Fungal Biology, 2017, 121, 729-741.	2.5	23
57	Early Diverging Fungi: Diversity and Impact at the Dawn of Terrestrial Life. Annual Review of Microbiology, 2017, 71, 41-60.	7.3	151
58	Ultrastructural characterization of the hostâ€“parasite interface between Allomyces anomalus (Blastocladiomycota) and Rozella allomycis (Cryptomycota). Fungal Biology, 2017, 121, 561-572.	2.5	26
59	Genomic innovations linked to infection strategies across emerging pathogenic chytrid fungi. Nature Communications, 2017, 8, 14742.	12.8	96
60	Variation in phenotype and virulence among enzootic and panzootic amphibian chytrid lineages. Fungal Ecology, 2017, 26, 45-50.	1.6	51
61	Mating-type genes of the anamorphic fungus Ulocladium botrytis affect both asexual sporulation and sexual reproduction. Scientific Reports, 2017, 7, 7932.	3.3	14
62	Description ofBifiguratus adelaidae: The hunt ends for one of the â€œTop 50 Most Wanted Fungiâ€• Mycologia, 2017, 109, 361-362.	1.9	4
63	First report of the post-fire morel Morchella exuberans in eastern North America. Mycologia, 2017, 109, 1-5.	1.9	6
64	Low resistance to chytridiomycosis in direct-developing amphibians. Scientific Reports, 2017, 7, 16605.	3.3	43
65	Novel soil-inhabiting clades fill gaps in the fungal tree of life. Microbiome, 2017, 5, 42.	11.1	152
66	Morphological, molecular, and ultrastructural characterization of Rozella rhizoclosmatii, a new species in Cryptomycota. Fungal Biology, 2017, 121, 1-10.	2.5	35
67	Plant Pathogenic Fungi. , 2017, , 701-726.		22
68	What Defines the â€œKingdomâ€•Fungi?. , 2017, , 57-77.		6
69	Fungal Sex: The Mucoromycota. , 2017, , 177-191.		3
70	Host-Microsporidia Interactions in Caenorhabditis elegans, a Model Nematode Host. , 2017, , 975-980.		2
71	Fungal Cell Cycle: A Unicellular versus Multicellular Comparison. , 2017, , 549-570.		0
72	The Fungal Tree of Life: From Molecular Systematics to Genome-Scale Phylogenies. , 2017, , 1-34.		25

#	Article	IF	Citations
73	The Complexity of Fungal Vision. , 2017, , 441-461.		0
74	The Geomycology of Elemental Cycling and Transformations in the Environment. , 2017, , 369-386.		1
75	Six Key Traits of Fungi: Their Evolutionary Origins and Genetic Bases. , 2017, , 35-56.		10
76	Making Time: Conservation of Biological Clocks from Fungi to Animals. , 2017, , 515-534.		8
77	Fungal Ligninolytic Enzymes and Their Applications. , 2017, , 1049-1061.		2
78	Key Ecological Roles for Zoosporic True Fungi in Aquatic Habitats. , 2017, , 399-416.		1
79	Nutrient Sensing at the Plasma Membrane of Fungal Cells. , 2017, , 417-439.		4
80	Nematode-Trapping Fungi. , 2017, , 963-974.		4
81	Bacterial Endosymbionts: Master Modulators of Fungal Phenotypes. , 2017, , 981-1004.		6
82	Molecular Mechanisms Regulating Cell Fusion and Heterokaryon Formation in Filamentous Fungi. , 2017, , 215-229.		9
83	Fungi that Infect Humans. , 2017, , 811-843.		8
84	The Mycobiome: Impact on Health and Disease States. , 2017, , 845-854.		3
85	Fungal Biofilms: Inside Out. , 2017, , 873-886.		6
86	Fungal Enzymes and Yeasts for Conversion of Plant Biomass to Bioenergy and High-Value Products. , 2017, , 1027-1048.		3
87	Thigmo Responses: The Fungal Sense of Touch. , 2017, , 487-507.		0
88	Amyloid Prions in Fungi. , 2017, , 673-685.		0
89	Fungal Recognition and Host Defense Mechanisms. , 2017, , 887-902.		1
90	The genome of an intranuclear parasite, Paramicrosporidium saccamoebae, reveals alternative adaptations to obligate intracellular parasitism. ELife, 2017, 6, .	6.0	63

#	Article	IF	Citations
91	Rethinking the role of invertebrate hosts in the life cycle of the amphibian chytridiomycosis pathogen. Parasitology, 2016, 143, 1723-1729.	1.5	11
92	A phylum-level phylogenetic classification of zygomycete fungi based on genome-scale data. Mycologia, 2016, 108, 1028-1046.	1.9	1,092
93	Fine-scale spatial genetic structure of a fungal parasite of coffee scale insects. Journal of Invertebrate Pathology, 2016, 139, 34-41.	3.2	4
94	The frequency of sex in fungi. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150540.	4.0	147
95	Amphibianâ€killing chytrid in <scp>B</scp>razil comprises both locally endemic and globally expanding populations. Molecular Ecology, 2016, 25, 2978-2996.	3.9	82
96	Local phenotypic variation in amphibian-killing fungus predicts infection dynamics. Fungal Ecology, 2016, 20, 15-21.	1.6	25
97	Future Perspectives and Challenges of Fungal Systematics in the Age of Big Data. Fungal Biology, 2016, , 25-46.	0.6	16
98	Discovery of dark matter fungi in aquatic ecosystems demands a reappraisal of the phylogeny and ecology of zoosporic fungi. Fungal Ecology, 2016, 19, 28-38.	1.6	183
99	Identification of Putative Coffee Rust Mycoparasites via Single-Molecule DNA Sequencing of Infected Pustules. Applied and Environmental Microbiology, 2016, 82, 631-639.	3.1	54
100	Surveying the biodiversity of the Cryptomycota using a targeted PCR approach. Fungal Ecology, 2015, 14, 62-70.	1.6	61
101	Extraordinary Genetic Diversity in a Wood Decay Mushroom. Molecular Biology and Evolution, 2015, 32, 2775-2783.	8.9	42
102	Disentangling host, pathogen, and environmental determinants of a recently emerged wildlife disease: lessons from the first 15Âyears of amphibian chytridiomycosis research. Ecology and Evolution, 2015, 5, 4079-4097.	1.9	191
103	Ecology, Virulence, and Phylogeny of Blastulidium paedophthorum, a Widespread Brood Parasite of Daphnia spp. Applied and Environmental Microbiology, 2015, 81, 5486-5496.	3.1	20
104	Why mushrooms have evolved to be so promiscuous: Insights from evolutionary and ecological patterns. Fungal Biology Reviews, 2015, 29, 167-178.	4.7	47
105	Crossing-Over in a Hypervariable Species Preferentially Occurs in Regions of High Local Similarity. Molecular Biology and Evolution, 2014, 31, 3016-3025.	8.9	20
106	Archaeorhizomyces borealis sp. nov. and a sequence-based classification of related soil fungal species. Fungal Biology, 2014, 118, 943-955.	2.5	48
107	Aquastella gen. nov.: A new genus of saprolegniaceous oomycete rotifer parasites related to Aphanomyces, with unique sporangial outgrowths. Fungal Biology, 2014, 118, 544-558.	2.5	14
108	7 Blastocladiomycota. , 2014, , 177-207.		22

#	Article	IF	Citations
109	Evolution of a morphological novelty occurred before genome compaction in a lineage of extreme parasites. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15480-15485.	7.1	111
110	Genome sequencing provides insight into the reproductive biology, nutritional mode and ploidy of the fern pathogen <scp>M</scp>ixia osmundae. New Phytologist, 2014, 202, 554-564.	7.3	52
111	A new oomycete species parasitic in nematodes, Chlamydomyzium dictyuchoides sp. nov.: Developmental biology and phylogenetic studies. Fungal Biology, 2014, 118, 527-543.	2.5	13
112	Polyporales genomes reveal the genetic architecture underlying tetrapolar and bipolar mating systems. Mycologia, 2013, 105, 1374-1390.	1.9	42
113	Shared Signatures of Parasitism and Phylogenomics Unite Cryptomycota and Microsporidia. Current Biology, 2013, 23, 1548-1553.	3.9	290
114	Complex history of the amphibian-killing chytrid fungus revealed with genome resequencing data. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9385-9390.	7.1	238
115	Evolution of fungal sexual reproduction. Mycologia, 2013, 105, 1-27.	1.9	133
116	Extensive Trans-Specific Polymorphism at the Mating Type Locus of the Root Decay Fungus Heterobasidion. Molecular Biology and Evolution, 2013, 30, 2286-2301.	8.9	29
117	Paraphysoderma sedebokerense , gen. et sp. nov., an aplanosporic relative of Physoderma (Blastocladiomycota). Mycotaxon, 2012, 118, 177-180.	0.3	22
118	Homolaphlyctis polyrhiza gen. et sp. nov., a species in the Rhizophydiales (Chytridiomycetes) with multiple rhizoidal axes. Mycotaxon, 2012, 118, 433-440.	0.3	17
119	Insight into tradeâ€off between wood decay and parasitism from the genome of a fungal forest pathogen. New Phytologist, 2012, 194, 1001-1013.	7.3	210
120	Novel, panzootic and hybrid genotypes of amphibian chytridiomycosis associated with the bullfrog trade. Molecular Ecology, 2012, 21, 5162-5177.	3.9	227
121	No jacket required â€“ new fungal lineage defies dress code. BioEssays, 2012, 34, 94-102.	2.5	77
122	6 Mating Type in Basidiomycetes: Unipolar, Bipolar, and Tetrapolar Patterns of Sexuality. , 2011, , 97-160.		81
123	Archaeorhizomycetes: Unearthing an Ancient Class of Ubiquitous Soil Fungi. Science, 2011, 333, 876-879.	12.6	249
124	A Single Mating-Type Locus Composed of Homeodomain Genes Promotes Nuclear Migration and Heterokaryosis in the White-Rot Fungus Phanerochaete chrysosporium. Eukaryotic Cell, 2011, 10, 249-261.	3.4	49
125	Comparative Genomics of the Mating-Type Loci of the Mushroom Flammulina velutipes Reveals Widespread Synteny and Recent Inversions. PLoS ONE, 2011, 6, e22249.	2.5	54
126	Mitochondrial inheritance in haploidÂÃ—Ânon-haploid crosses in Cryptococcus neoformans. Current Genetics, 2010, 56, 163-176.	1.7	19

#	Article	IF	Citations
127	Insights into evolution of multicellular fungi from the assembled chromosomes of the mushroom Coprinopsis cinerea (Coprinus cinereus). Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11889-11894.	7.1	389
128	Rapid Global Expansion of the Fungal Disease Chytridiomycosis into Declining and Healthy Amphibian Populations. PLoS Pathogens, 2009, 5, e1000458.	4.7	186
129	Lobulomycetales, a new order in the Chytridiomycota. Mycological Research, 2009, 113, 450-460.	2.5	92
130	Trikaryon formation and nuclear selection in pairings between heterokaryons and homokaryons of the root rot pathogen Heterobasidion parviporum. Mycological Research, 2009, 113, 583-590.	2.5	22
131	Friend or foe? Evolutionary history of glycoside hydrolase family 32 genes encoding for sucrolytic activity in fungi and its implications for plant-fungal symbioses. BMC Evolutionary Biology, 2009, 9, 148.	3.2	77
132	The Fungi. Current Biology, 2009, 19, R840-R845.	3.9	279
133	EVOLUTIONARY SIGNIFICANCE OF IMBALANCED NUCLEAR RATIOS WITHIN HETEROKARYONS OF THE BASIDIOMYCETE FUNGUSHETEROBASIDION PARVIPORUM. Evolution; International Journal of Organic Evolution, 2008, 62, 2279-2296.	2.3	84
134	Invasive pathogens threaten species recovery programs. Current Biology, 2008, 18, R853-R854.	3.9	113
135	Isolation and characterization of a novel chytrid species (phylum Blastocladiomycota), parasitic on the green alga Haematococcus. Mycological Research, 2008, 112, 70-81.	2.5	121
136	A higher-level phylogenetic classification of the Fungi. Mycological Research, 2007, 111, 509-547.	2.5	1,994
137	Phylogeny of the Zygomycota based on nuclear ribosomal sequence data. Mycologia, 2006, 98, 872-884.	1.9	129
138	A molecular phylogeny of the flagellated fungi (Chytridiomycota) and description of a new phylum (Blastocladiomycota). Mycologia, 2006, 98, 860-871.	1.9	224
139	Phylogeny of the Zygomycota based on nuclear ribosomal sequence data. Mycologia, 2006, 98, 872-884.	1.9	146
140	Reconstructing the early evolution of Fungi using a six-gene phylogeny. Nature, 2006, 443, 818-822.	27.8	1,625
141	The mycorrhizal status of Pseudotulostoma volvata (Elaphomycetaceae, Eurotiales, Ascomycota). Mycorrhiza, 2006, 16, 241-244.	2.8	16
142	Amphibian Pathogen Batrachochytrium dendrobatidis Is Inhibited by the Cutaneous Bacteria of Amphibian Species. EcoHealth, 2006, 3, 53-56.	2.0	293
143	Evolution of the Bipolar Mating System of the Mushroom Coprinellus disseminatus From Its Tetrapolar Ancestors Involves Loss of Mating-Type-Specific Pheromone Receptor Function. Genetics, 2006, 172, 1877-1891.	2.9	115
144	A molecular phylogeny of the flagellated fungi (Chytridiomycota) and description of a new phylum (Blastocladiomycota). Mycologia, 2006, 98, 860-871.	1.9	357

#	Article	IF	Citations
145	The New Higher Level Classification of Eukaryotes with Emphasis on the Taxonomy of Protists. Journal of Eukaryotic Microbiology, 2005, 52, 399-451.	1.7	1,476
146	Evolution of the gene encoding mitochondrial intermediate peptidase and its cosegregation with the A mating-type locus of mushroom fungi. Fungal Genetics and Biology, 2004, 41, 381-390.	2.1	51
147	The genetic structure and diversity of the A and B mating-type genes from the tropical oyster mushroom, Pleurotus djamor. Fungal Genetics and Biology, 2004, 41, 813-825.	2.1	75
148	Assembling the fungal tree of life: progress, classification, and evolution of subcellular traits. American Journal of Botany, 2004, 91, 1446-1480.	1.7	718
149	Multilocus sequence typing suggests the chytrid pathogen of amphibians is a recently emerged clone. Molecular Ecology, 2003, 12, 395-403.	3.9	244
150	The pab1 gene of Coprinus cinereus encodes a bifunctional protein for para-aminobenzoic acid (PABA) synthesis: implications for the evolution of fused PABA synthases. Journal of Basic Microbiology, 2002, 42, 91.	3.3	21
151	The chromosomal region containing pab-1, mip , and the A mating type locus of the secondarily homothallic homobasidiomycete Coprinus bilanatus. Current Genetics, 2001, 39, 16-24.	1.7	27
152	Abundance and diversity of Schizophyllum commune spore clouds in the Caribbean detected by selective sampling. Molecular Ecology, 2001, 10, 471-479.	3.9	60
153	Polymorphism at the Ribosomal DNA Spacers and Its Relation to Breeding Structure of the Widespread Mushroom Schizophyllum commune. Genetics, 2001, 157, 149-161.	2.9	109
154	Molecular phylogenetics of the Chytridiomycota supports the utility of ultrastructural data in chytrid systematics. Canadian Journal of Botany, 2000, 78, 336-350.	1.1	76
155	Molecular phylogenetics of the Chytridiomycota supports the utility of ultrastructural data in chytrid systematics. Canadian Journal of Botany, 2000, 78, 336-350.	1.1	124
156	EVIDENCE FOR LIMITED INTERCONTINENTAL GENE FLOW IN THE COSMOPOLITAN MUSHROOM, SCHIZOPHYLLUM COMMUNE. Evolution; International Journal of Organic Evolution, 1999, 53, 1665-1677.	2.3	96
157	Melanin, Radiation, and Energy Transduction in Fungi. , 0, , 509-514.		2
158	Fungal Diversity Revisited: 2.2 to 3.8 Million Species. , 0, , 79-95.		122
159	Necrotrophic Mycoparasites and Their Genomes. , 0, , 1005-1026.		62
160	Repeat-Induced Point Mutation and Other Genome Defense Mechanisms in Fungi. , 0, , 687-699.		32
161	The Fungal Cell Wall: Structure, Biosynthesis, and Function. , 0, , 267-292.		65
162	Antifungal Drugs: The Current Armamentarium and Development of New Agents. , 0, , 903-922.		13

#	Article	IF	Citations
163	Stress Adaptation. , 0, , 463-485.		9
164	Fungal Sex: TheAscomycota. , 0, , 115-145.		4
165	The Mutualistic Interaction between Plants and Arbuscular Mycorrhizal Fungi. , 0, , 727-747.		6
166	Fungal Genomes and Insights into the Evolution of the Kingdom. , 0, , 619-633.		29
167	Biologically Active Secondary Metabolites from the Fungi. , 0, , 1087-1119.		25
168	Made for Each Other: Ascomycete Yeasts and Insects. , 0, , 945-962.		9
169	Target of Rapamycin (TOR) Regulates Growth in Response to Nutritional Signals. , 0, , 535-548.		2
170	Sources of Fungal Genetic Variation and Associating It with Phenotypic Diversity. , 0, , 635-655.		3
171	Ploidy Variation in Fungi: Polyploidy, Aneuploidy, and Genome Evolution. , 0, , 599-618.		9
172	RNA Interference in Fungi: Retention and Loss. , 0, , 657-671.		3
173	Emerging Fungal Threats to Plants and Animals Challenge Agriculture and Ecosystem Resilience. , 0, , 787-809.		6
174	Fungal Sex: The Basidiomycota. , 0, , 147-175.		20
175	Cell Biology of Hyphal Growth. , 0, , 231-265.		15
176	Long-Distance Dispersal of Fungi. , 0, , 309-333.		27
177	The Mycelium as a Network. , 0, , 335-367.		15
178	Fungi as a Source of Food. , 0, , 1063-1085.		9
179	Sex and the Imperfect Fungi. , 0, , 193-214.		8
180	Fungal Ecology: Principles and Mechanisms of Colonization and Competition by Saprotrophic Fungi. , 0, , 293-308.		14

#	Article	IF	Citations
181	Amphibian Chytridiomycosis as an Emerging Infectious Disease of Wildlife: What Can We Learn from the Earliest Diverging Fungi?. , 0, , 271-278.		1
182	Analysis of Mating-Type Locus Organization and Synteny in Mushroom Fungi: Beyond Model Species. , 0, , 317-331.		11
183	Sex in the Rest: Mysterious Mating in the Chytridiomycota and Zygomycota. , 0, , 405-418.		7
184	Ecology of Fungal Plant Pathogens. , 0, , 387-397.		3
185	Lichenized Fungi and the Evolution of Symbiotic Organization. , 0, , 749-765.		1
186	Fungal Plant Pathogenesis Mediated by Effectors. , 0, , 767-785.		1
187	Skin Fungi from Colonization to Infection. , 0, , 855-871.		6
188	The Insect Pathogens. , 0, , 923-943.		7
189	Microsporidia: Obligate Intracellular Pathogens Within the Fungal Kingdom. , 0, , 97-113.		15
190	A Matter of Scale and Dimensions: Chromatin of Chromosome Landmarks in the Fungi. , 0, , 571-597.		0