

Towards a unified paradigm for sequence-based ident

Molecular Ecology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lineages of ectomycorrhizal fungi revisited: Foraging strategies and novel lineages revealed by sequences from belowground. <i>Fungal Biology Reviews</i> , 2013, 27, 83-99.	1.9	431
2	MycoBank gearing up for new horizons. <i>IMA Fungus</i> , 2013, 4, 371-379.	1.7	170
3	Toward Sequence-Based Classification of Fungal Species. <i>IMA Fungus</i> , 2013, 4, A33-A34.	1.7	7
4	Mycorrhizal Fungal Community of Poplars Growing on Pyrite Tailings Contaminated Site near the River Timok. <i>South-East European Forestry</i> , 2014, 6, .	0.1	2
6	Diversity and Persistence of Ectomycorrhizal Fungi and Their Effect on Nursery-Inoculated <i>Pinus pinaster</i> in a Post-fire Plantation in Northern Portugal. <i>Microbial Ecology</i> , 2014, 68, 761-772.	1.4	18
7	The diversity of endophytic fungi in the above-ground tissue of two <i>Lycopodium</i> species in Poland. <i>Symbiosis</i> , 2014, 63, 87-97.	1.2	24
8	In-depth analyses of deep subsurface sediments using 454-pyrosequencing reveals a reservoir of buried fungal communities at record-breaking depths. <i>FEMS Microbiology Ecology</i> , 2014, 90, 908-921.	1.3	40
9	Identification and nomenclature of the genus <i>Penicillium</i> . <i>Studies in Mycology</i> , 2014, 78, 343-371.	4.5	634
10	Belowground biodiversity and ecosystem functioning. <i>Nature</i> , 2014, 515, 505-511.	13.7	2,371
11	Global diversity and geography of soil fungi. <i>Science</i> , 2014, 346, 1256688.	6.0	2,513
12	Fungal Community Responses to Past and Future Atmospheric CO ₂ Differ by Soil Type. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7364-7377.	1.4	34
13	Molecular Identification of Isolated Fungi from Unopened Containers of Greek Yogurt by DNA Sequencing of Internal Transcribed Spacer Region. <i>Pathogens</i> , 2014, 3, 499-509.	1.2	16
14	Fungicide Effects on Fungal Community Composition in the Wheat Phyllosphere. <i>PLoS ONE</i> , 2014, 9, e111786.	1.1	159
15	The changing epitome of species identification – DNA barcoding. <i>Saudi Journal of Biological Sciences</i> , 2014, 21, 204-231.	1.8	77
16	Ectomycorrhizal fungus diversity and community structure with natural and cultivated truffle hosts: applying lessons learned to future truffle culture. <i>Mycorrhiza</i> , 2014, 24, 5-18.	1.3	52
17	Multiple ITS Haplotypes in the Genome of the Lichenized Basidiomycete <i>Cora inversa</i> (Hygrophoraceae): Fact or Artifact?. <i>Journal of Molecular Evolution</i> , 2014, 78, 148-162.	0.8	31
18	Epitypification of <i>Hebeloma crustuliniforme</i> . <i>Mycological Progress</i> , 2014, 13, 553-562.	0.5	12
19	Large-scale fungal diversity assessment in the Andean Yungas forests reveals strong community turnover among forest types along an altitudinal gradient. <i>Molecular Ecology</i> , 2014, 23, 2452-2472.	2.0	151

#	ARTICLE	IF	CITATIONS
20	Ectomycorrhizal <i>Cortinarius</i> species participate in enzymatic oxidation of humus in northern forest ecosystems. <i>New Phytologist</i> , 2014, 203, 245-256.	3.5	256
21	Improving ITS sequence data for identification of plant pathogenic fungi. <i>Fungal Diversity</i> , 2014, 67, 11-19.	4.7	123
22	Species richness of arbuscular mycorrhizal fungi: associations with grassland plant richness and biomass. <i>New Phytologist</i> , 2014, 203, 233-244.	3.5	256
23	From Genus to Phylum: Large-Subunit and Internal Transcribed Spacer rRNA Operon Regions Show Similar Classification Accuracies Influenced by Database Composition. <i>Applied and Environmental Microbiology</i> , 2014, 80, 829-840.	1.4	88
24	Potato-associated arbuscular mycorrhizal fungal communities in the Peruvian Andes. <i>Mycorrhiza</i> , 2014, 24, 405-417.	1.3	56
25	Five new species of <i>Cordia</i> and <i>Dictyonema</i> (Basidiomycota: Hygrophoraceae) from Colombia: chipping away at cataloging hundreds of unrecognized taxa. <i>Bryologist</i> , 2014, 117, 368-378.	0.1	13
26	Insights into the genus <i>Diaporthe</i> : phylogenetic species delimitation in the <i>D. eres</i> species complex. <i>Fungal Diversity</i> , 2014, 67, 203-229.	4.7	221
27	<i>Aspergillus</i> , <i>Penicillium</i> and <i>Talaromyces</i> isolated from house dust samples collected around the world. <i>Studies in Mycology</i> , 2014, 78, 63-139.	4.5	218
28	Integration of Clustering and Multidimensional Scaling to Determine Phylogenetic Trees as Spherical Phylograms Visualized in 3 Dimensions. , 2014, , .		7
29	Internal transcribed spacer rRNA gene sequencing analysis of fungal diversity in Kansas City indoor environments. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 33-43.	1.7	40
30	One stop shop: backbone trees for important phytopathogenic genera: I (2014). <i>Fungal Diversity</i> , 2014, 67, 21-125.	4.7	241
31	Clustering of fungal community internal transcribed spacer sequence data obscures taxonomic diversity. <i>Environmental Microbiology</i> , 2014, 16, 2491-2500.	1.8	24
32	DNA barcoding of wild edible mushrooms consumed by the ethnic tribes of India. <i>Gene</i> , 2014, 550, 123-130.	1.0	22
33	Where the wild things are: looking for uncultured Glomeromycota. <i>New Phytologist</i> , 2014, 204, 171-179.	3.5	110
34	Back to the future: natural history and the way forward in modern fungal ecology. <i>Fungal Ecology</i> , 2014, 12, 4-9.	0.7	65
35	Global biogeography of the ectomycorrhizal <i>Sebacina</i> lineage (<i>Sebacina</i> spp.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 147 Tj 2014, 23, 4168-4183.	2.0	58
36	14 Agaricomycetes. , 2014, , 373-429.		88
37	Assessment of ectomycorrhizal biodiversity in Tuber macrosporum productive sites. <i>Mycorrhiza</i> , 2014, 24, 281-292.	1.3	22

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38	Plant host and soil origin influence fungal and bacterial assemblages in the roots of woody plants. <i>Molecular Ecology</i> , 2014, 23, 3356-3370.	2.0	285
39	Co-metabolic degradation of mono-fluorophenols by the ectomycorrhizal fungi <i>Pisolithus tinctorius</i> . <i>Chemosphere</i> , 2014, 111, 260-265.	4.2	20
40	Stable isotope analysis, field observations and synthesis experiments suggest that <i>Odontia</i> is a non-mycorrhizal sister genus of <i>Tomentella</i> and <i>Thelephora</i> . <i>Fungal Ecology</i> , 2014, 11, 80-90.	0.7	21
41	Characterization and quantification of the fungal microbiome in serial samples from individuals with cystic fibrosis. <i>Microbiome</i> , 2014, 2, 40.	4.9	128
42	Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau061-bau061.	1.4	272
43	<i>Diplodia sapinea</i> is colonizing the native Scots pine (<i>Pinus sylvestris</i>) in the northern Baltics. <i>European Journal of Plant Pathology</i> , 2015, 143, 343-350.	0.8	32
44	Molecular operational taxonomic units as approximations of species in the light of evolutionary models and empirical data from Fungi. <i>Molecular Ecology</i> , 2015, 24, 5770-5777.	2.0	63
45	Evolution of ecological dominance of yeast species in high-sugar environments. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2079-2093.	1.1	53
46	Probiotics modify human intestinal mucosa-associated microbiota in patients with colorectal cancer. <i>Molecular Medicine Reports</i> , 2015, 12, 6119-6127.	1.1	83
47	Regulation of resource exchange in the arbuscular mycorrhizal symbiosis. <i>Nature Plants</i> , 2015, 1, 15159.	4.7	178
48	<scp>PIPITS</scp>: an automated pipeline for analyses of fungal internal transcribed spacer sequences from the <scp>I</scp>llumina sequencing platform. <i>Methods in Ecology and Evolution</i> , 2015, 6, 973-980.	2.2	277
49	A Comprehensive, Automatically Updated Fungal ITS Sequence Dataset for Reference-Based Chimera Control in Environmental Sequencing Efforts. <i>Microbes and Environments</i> , 2015, 30, 145-150.	0.7	231
50	Microbiomes of the dust particles collected from the International Space Station and Spacecraft Assembly Facilities. <i>Microbiome</i> , 2015, 3, 50.	4.9	175
51	Species turnover (β -diversity) in ectomycorrhizal fungi linked to uptake capacity. <i>Molecular Ecology</i> , 2015, 24, 5992-6005.	2.0	39
52	Russulaceae Associated with Mycoheterotroph <i>Monotropa uniflora</i> (Ericaceae) in Tlaxcala, Mexico: A Phylogenetic Approach. <i>Cryptogamie, Mycologie</i> , 2015, 36, 479-512.	0.2	16
53	Changes in fungal communities along a boreal forest soil fertility gradient. <i>New Phytologist</i> , 2015, 207, 1145-1158.	3.5	258
54	Reintroduction of locally extinct vertebrates impacts arid soil fungal communities. <i>Molecular Ecology</i> , 2015, 24, 3194-3205.	2.0	20
55	Temporal variation of <i>Bistorta vivipara</i> associated ectomycorrhizal fungal communities in the High Arctic. <i>Molecular Ecology</i> , 2015, 24, 6289-6302.	2.0	39

#	ARTICLE	IF	CITATIONS
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57	Temporal dynamics of plant-soil feedback and root-associated fungal communities over 100 years of invasion by a non-native plant. <i>Journal of Ecology</i> , 2015, 103, 1557-1569.	1.9	25
58	Evaluation of <i>Rhizoctonia zeae</i> as a potential biological control option for fungal root diseases of sugar beet. <i>Annals of Applied Biology</i> , 2015, 167, 75-89.	1.3	9
59	Characterization of active and total fungal communities in the atmosphere over the Amazon rainforest. <i>Biogeosciences</i> , 2015, 12, 6337-6349.	1.3	63
60	The Biological Diversity and Production of Volatile Organic Compounds by Stem-Inhabiting Endophytic Fungi of Ecuador. <i>Journal of Fungi (Basel, Switzerland)</i> , 2015, 1, 384-396.	1.5	8
61	Revealing the unexplored fungal communities in deep groundwater of crystalline bedrock fracture zones in Olkiluoto, Finland. <i>Frontiers in Microbiology</i> , 2015, 6, 573.	1.5	77
62	Metabolomic and high-throughput sequencing analysis—a modern approach for the assessment of biodeterioration of materials from historic buildings. <i>Frontiers in Microbiology</i> , 2015, 6, 979.	1.5	86
63	Microbiome composition and geochemical characteristics of deep subsurface high-pressure environment, Pyhäsalmi mine Finland. <i>Frontiers in Microbiology</i> , 2015, 6, 1203.	1.5	53
64	Forest Management Type Influences Diversity and Community Composition of Soil Fungi across Temperate Forest Ecosystems. <i>Frontiers in Microbiology</i> , 2015, 6, 1300.	1.5	136
65	Implementation of a Pan-Genomic Approach to Investigate Holobiont-Infected Microbe Interaction: A Case Report of a Leukemic Patient with Invasive Mucormycosis. <i>PLoS ONE</i> , 2015, 10, e0139851.	1.1	47
66	Navigating the labyrinth: a guide to sequence-based, community ecology of arbuscular mycorrhizal fungi. <i>New Phytologist</i> , 2015, 207, 235-247.	3.5	106
67	Metagenomics: Tools and Insights for Analyzing Next-Generation Sequencing Data Derived from Biodiversity Studies. <i>Bioinformatics and Biology Insights</i> , 2015, 9, BBI.S12462.	1.0	317
68	Effort versus Reward: Preparing Samples for Fungal Community Characterization in High-Throughput Sequencing Surveys of Soils. <i>PLoS ONE</i> , 2015, 10, e0127234.	1.1	36
69	Microbiota dysbiosis is associated with colorectal cancer. <i>Frontiers in Microbiology</i> , 2015, 6, 20.	1.5	454
70	Identifying and Naming Plant-Pathogenic Fungi: Past, Present, and Future. <i>Annual Review of Phytopathology</i> , 2015, 53, 247-267.	3.5	115
71	Fertility-dependent effects of ectomycorrhizal fungal communities on white spruce seedling nutrition. <i>Mycorrhiza</i> , 2015, 25, 649-662.	1.3	10
72	Cryptic diversity in the sequestrate genus <i>Stephanospora</i> (Stephanosporaceae: Agaricales) in Australasia. <i>Fungal Biology</i> , 2015, 119, 201-228.	1.1	17
73	<i>Buwchfawromyces eastonii</i> gen. nov., sp. nov.: a new anaerobic fungus (Neocallimastigomycota) isolated from buffalo faeces. <i>MycKeys</i> , 0, 9, 11-28.	0.8	95

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74	Using direct amplification and next-generation sequencing technology to explore foliar endophyte communities in experimentally inoculated western white pines. <i>Fungal Ecology</i> , 2015, 17, 170-178.	0.7	35
75	Increasing aridity reduces soil microbial diversity and abundance in global drylands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15684-15689.	3.3	728
76	Mycorrhiza Specificity: Its Role in the Development and Function of Common Mycelial Networks. <i>Ecological Studies</i> , 2015, , 1-39.	0.4	35
77	Spelling out <i>Jaapia</i> species. <i>Mycological Progress</i> , 2015, 14, 1.	0.5	6
78	<i>Euphorbia</i> plant latex is inhabited by diverse microbial communities. <i>American Journal of Botany</i> , 2015, 102, 1966-1977.	0.8	13
79	Habitat models of wood-inhabiting fungi along a decay gradient of Norway spruce logs. <i>Fungal Ecology</i> , 2015, 18, 48-55.	0.7	79
80	Decrypting the <i>Hebeloma crustuliniforme</i> complex: European species of <i>Hebeloma</i> section <i>Denudata</i> subsection <i>Denudata</i> (<i>Agaricales</i>). <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2015, 35, 101-147.	1.6	22
81	Microbial diversity in sugarcane ethanol production in a Brazilian distillery using a culture-independent method. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 73-84.	1.4	41
82	Summer temperature increase has distinct effects on the ectomycorrhizal fungal communities of moist tussock and dry tundra in Arctic Alaska. <i>Global Change Biology</i> , 2015, 21, 959-972.	4.2	83
83	Mycorrhizal ecology and evolution: the past, the present, and the future. <i>New Phytologist</i> , 2015, 205, 1406-1423.	3.5	1,390
84	Impacts of Flood Damage on Airborne Bacteria and Fungi in Homes after the 2013 Colorado Front Range Flood. <i>Environmental Science & Technology</i> , 2015, 49, 2675-2684.	4.6	88
85	Parsing ecological signal from noise in next generation amplicon sequencing. <i>New Phytologist</i> , 2015, 205, 1389-1393.	3.5	272
86	Long-term experimental warming alters community composition of ascomycetes in Alaskan moist and dry arctic tundra. <i>Molecular Ecology</i> , 2015, 24, 424-437.	2.0	50
88	Taxonomy and phylogeny of yellow <i>Clavaria</i> species with clamped basidia "Clavaria flavostellifera" sp. nov. and the typification of <i>C. argillacea</i> , <i>C. flavipes</i> and <i>C. sphagnicola</i> . <i>Mycologia</i> , 2015, 107, 104-122.	0.8	11
89	Diversity of Yeast and Mold Species from a Variety of Cheese Types. <i>Current Microbiology</i> , 2015, 70, 792-800.	1.0	95
90	Changes in plant community composition and reduced precipitation have limited effects on the structure of soil bacterial and fungal communities present in a semiarid grassland. <i>Plant and Soil</i> , 2015, 388, 175-186.	1.8	47
91	Host and habitat filtering in seedling root-associated fungal communities: taxonomic and functional diversity are altered in "novel" soils. <i>Mycorrhiza</i> , 2015, 25, 517-531.	1.3	23
92	Phylogenetic analyses of eurotiomycetous endophytes reveal their close affinities to Chaetothiriales, Eurotiales, and a new order "Phaeomoniellales. <i>Molecular Phylogenetics and Evolution</i> , 2015, 85, 117-130.	1.2	66

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93	New insights into the fungal community from the raw genomic sequence data of fig wasp <i>Ceratosolen solmsi</i> . <i>BMC Microbiology</i> , 2015, 15, 27.	1.3	5
94	Moth Outbreaks Alter Root-Associated Fungal Communities in Subarctic Mountain Birch Forests. <i>Microbial Ecology</i> , 2015, 69, 788-797.	1.4	54
95	Enhancing our understanding of anatomical diversity in <i>Tomentella</i> ectomycorrhizas: characterization of six new morphotypes. <i>Mycorrhiza</i> , 2015, 25, 419-429.	1.3	11
96	The interaction of <i>Saccharomyces paradoxus</i> with its natural competitors on oak bark. <i>Molecular Ecology</i> , 2015, 24, 1596-1610.	2.0	39
97	Changes in fungal community of Scots pine (<i>Pinus sylvestris</i>) needles along a latitudinal gradient in Sweden. <i>Fungal Ecology</i> , 2015, 17, 126-139.	0.7	68
98	Dominance of rumen microorganisms during cheese whey acidification: acidogenesis can be governed by a rare <i>Selenomonas lacticifex</i> -type fermentation. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9309-9318.	1.7	8
99	How many DNA markers are needed to reveal cryptic fungal species?. <i>Fungal Biology</i> , 2015, 119, 940-945.	1.1	39
100	The Hidden World within Plants: Ecological and Evolutionary Considerations for Defining Functioning of Microbial Endophytes. <i>Microbiology and Molecular Biology Reviews</i> , 2015, 79, 293-320.	2.9	1,895
101	Rhizosphere bacteria and fungi associated with plant growth in soils of three replanted apple orchards. <i>Plant and Soil</i> , 2015, 395, 317-333.	1.8	200
102	Shotgun metagenomes and multiple primer pair-barcode combinations of amplicons reveal biases in metabarcoding analyses of fungi. <i>MycKeys</i> , 0, 10, 1-43.	0.8	409
103	Chemical and microbiological characterization of an aged PCB-contaminated soil. <i>Science of the Total Environment</i> , 2015, 533, 177-186.	3.9	67
104	Soil conditions and land use intensification effects on soil microbial communities across a range of European field sites. <i>Soil Biology and Biochemistry</i> , 2015, 88, 403-413.	4.2	151
105	Microbial ecology in a future climate: effects of temperature and moisture on microbial communities of two boreal fens. <i>FEMS Microbiology Ecology</i> , 2015, 91, .	1.3	62
106	Influence of tree species and salvaged soils on the recovery of ectomycorrhizal fungi in upland boreal forest restoration after surface mining. <i>Botany</i> , 2015, 93, 267-277.	0.5	17
107	Genotype-Specific Variation in the Structure of Root Fungal Communities Is Related to Chickpea Plant Productivity. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2368-2377.	1.4	39
108	Plant-associated fungal communities in the light of meta-omics. <i>Fungal Diversity</i> , 2015, 75, 1-25.	4.7	147
109	Host genotype is an important determinant of the cereal phyllosphere mycobiome. <i>New Phytologist</i> , 2015, 207, 1134-1144.	3.5	179
110	Molecular profile of microbiota of Finnish commercial compost suppressive against <i>Pythium</i> disease on cucumber plants. <i>Applied Soil Ecology</i> , 2015, 92, 47-53.	2.1	45

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111	Rhizosphere microbial community manipulated by 2 years of consecutive biofertilizer application associated with banana Fusarium wilt disease suppression. <i>Biology and Fertility of Soils</i> , 2015, 51, 553-562.	2.3	175
112	International Society of Human and Animal Mycology (ISHAM)-ITS reference DNA barcoding database—the quality controlled standard tool for routine identification of human and animal pathogenic fungi. <i>Medical Mycology</i> , 2015, 53, 313-337.	0.3	252
113	Branching out: Towards a trait-based understanding of fungal ecology. <i>Fungal Biology Reviews</i> , 2015, 29, 34-41.	1.9	118
114	Temporal and spatial constraints on community assembly during microbial colonization of wood in seawater. <i>ISME Journal</i> , 2015, 9, 2657-2670.	4.4	35
115	Phylogenetic and chemical diversity of fungal endophytes isolated from <i>Silybum marianum</i> (L) Gaertn. (milk thistle). <i>Mycology</i> , 2015, 6, 8-27.	2.0	29
116	Le mycobiome humain : actualités et perspectives. <i>Revue Francophone Des Laboratoires</i> , 2015, 2015, 67-73.	0.0	2
117	The Faces of Fungi database: fungal names linked with morphology, phylogeny and human impacts. <i>Fungal Diversity</i> , 2015, 74, 3-18.	4.7	471
118	Standardizing metadata and taxonomic identification in metabarcoding studies. <i>GigaScience</i> , 2015, 4, 34.	3.3	35
119	Long-term warming alters richness and composition of taxonomic and functional groups of arctic fungi. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv095.	1.3	72
120	Niche partitioning in arbuscular mycorrhizal communities in temperate grasslands: a lesson from adjacent serpentine and nonserpentine habitats. <i>Molecular Ecology</i> , 2015, 24, 1831-1843.	2.0	31
121	Exploiting the fungal highway: development of a novel tool for the <i>in situ</i> isolation of bacteria migrating along fungal mycelium. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv116.	1.3	73
122	Response to Comment on “Global diversity and geography of soil fungi”. <i>Science</i> , 2015, 349, 936-936.	6.0	43
123	Composition of fungal soil communities varies with plant abundance and geographic origin. <i>AoB PLANTS</i> , 2015, 7, plv110.	1.2	11
124	<i>Candida albicans</i> commensalism in the gastrointestinal tract. <i>FEMS Yeast Research</i> , 2015, 15, fov081.	1.1	119
125	The efficient long-term inhibition of forsterite dissolution by common soil bacteria and fungi at Earth surface conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 222-235.	1.6	38
126	Arctic fungal communities associated with roots of <i>Bistorta vivipara</i> do not respond to the same fine-scale edaphic gradients as the aboveground vegetation. <i>New Phytologist</i> , 2015, 205, 1587-1597.	3.5	37
127	In the forest vine <i>Smilax rotundifolia</i> , fungal epiphytes show site-wide spatial correlation, while endophytes show evidence of niche partitioning. <i>Fungal Diversity</i> , 2015, 75, 279-297.	4.7	18
128	Spatial structuring of arbuscular mycorrhizal communities in benchmark and modified temperate eucalypt woodlands. <i>Mycorrhiza</i> , 2015, 25, 41-54.	1.3	5

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129	Soil biodiversity and DNA barcodes: opportunities and challenges. <i>Soil Biology and Biochemistry</i> , 2015, 80, 244-250.	4.2	137
130	Greenhouse Seedlings of <i>Alnus</i> Showed Low Host Intrageneric Specificity and a Strong Preference for Some <i>Tomentella</i> Ectomycorrhizal Associates. <i>Microbial Ecology</i> , 2015, 69, 813-825.	1.4	10
131	Insights into the effects of serpentine soil conditions on the community composition of fungal symbionts in the roots of <i>Onosma echioides</i> . <i>Soil Biology and Biochemistry</i> , 2015, 81, 1-8.	4.2	4
132	A fungal perspective on conservation biology. <i>Conservation Biology</i> , 2015, 29, 61-68.	2.4	125
133	Fungal endophytes reduce necrosis length produced by <i>Gremmeniella abietina</i> in <i>Pinus halepensis</i> seedlings. <i>Biological Control</i> , 2015, 80, 30-39.	1.4	37
134	Contrasting soil fungal communities in Mediterranean pine forests subjected to different wildfire frequencies. <i>Fungal Diversity</i> , 2015, 70, 85-99.	4.7	33
135	<scp>ITS</scp>1: a <scp>DNA</scp> barcode better than <scp>ITS</scp>2 in eukaryotes?. <i>Molecular Ecology Resources</i> , 2015, 15, 573-586.	2.2	152
136	The ambrosia symbiosis is specific in some species and promiscuous in others: evidence from community pyrosequencing. <i>ISME Journal</i> , 2015, 9, 126-138.	4.4	113
137	Scraping the bottom of the barrel: are rare high throughput sequences artifacts?. <i>Fungal Ecology</i> , 2015, 13, 221-225.	0.7	196
138	Fine root development and mycorrhization in Norway spruce stands one year after fertilization with potassium sulphate and wood ash. <i>Journal of Forest Science</i> , 2016, 62, 17-23.	0.5	4
139	Seven New Recorded Species in Five Genera of the Strophariaceae in Korea. <i>Mycobiology</i> , 2016, 44, 137-145.	0.6	7
140	Metagenomic analysis of medicinal <i>Cannabis</i> samples; pathogenic bacteria, toxigenic fungi, and beneficial microbes grow in culture-based yeast and mold tests. <i>F1000Research</i> , 2016, 5, 2471.	0.8	36
141	Dysbiotic Bacterial and Fungal Communities Not Restricted to Clinically Affected Skin Sites in Dandruff. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 157.	1.8	57
142	Comparison of Fungal Community in Black Pepper-Vanilla and Vanilla Monoculture Systems Associated with Vanilla Fusarium Wilt Disease. <i>Frontiers in Microbiology</i> , 2016, 7, 117.	1.5	78
143	Changes in the Relative Abundance of Two <i>Saccharomyces</i> Species from Oak Forests to Wine Fermentations. <i>Frontiers in Microbiology</i> , 2016, 7, 215.	1.5	19
144	Bacterial Community Succession in Pine-Wood Decomposition. <i>Frontiers in Microbiology</i> , 2016, 7, 231.	1.5	106
145	Associations between Ectomycorrhizal Fungi and Bacterial Needle Endophytes in <i>Pinus radiata</i> : Implications for Biotic Selection of Microbial Communities. <i>Frontiers in Microbiology</i> , 2016, 7, 399.	1.5	21
146	Diversity and Composition of Airborne Fungal Community Associated with Particulate Matters in Beijing during Haze and Non-haze Days. <i>Frontiers in Microbiology</i> , 2016, 7, 487.	1.5	72

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148	Superimposed Pristine Limestone Aquifers with Marked Hydrochemical Differences Exhibit Distinct Fungal Communities. <i>Frontiers in Microbiology</i> , 2016, 7, 666.	1.5	24
149	Concentration of Petroleum-Hydrocarbon Contamination Shapes Fungal Endophytic Community Structure in Plant Roots. <i>Frontiers in Microbiology</i> , 2016, 7, 685.	1.5	19
150	Age and Gender Affect the Composition of Fungal Population of the Human Gastrointestinal Tract. <i>Frontiers in Microbiology</i> , 2016, 7, 1227.	1.5	170
151	Fungal Assemblages in Different Habitats in an Ermanâ€™s Birch Forest. <i>Frontiers in Microbiology</i> , 2016, 7, 1368.	1.5	30
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154	Fine Spatial Scale Variation of Soil Microbial Communities under European Beech and Norway Spruce. <i>Frontiers in Microbiology</i> , 2016, 7, 2067.	1.5	74
155	A High-Level Fungal Diversity in the Intertidal Sediment of Chinese Seas Presents the Spatial Variation of Community Composition. <i>Frontiers in Microbiology</i> , 2016, 7, 2098.	1.5	45
156	Biofouling on Coated Carbon Steel in Cooling Water Cycles Using Brackish Seawater. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 74.	1.2	6
157	Influence of Chlorination and Choice of Materials on Fouling in Cooling Water System under Brackish Seawater Conditions. <i>Materials</i> , 2016, 9, 475.	1.3	31
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159	Diversity and Composition of the Leaf Mycobiome of Beech (<i>Fagus sylvatica</i>) Are Affected by Local Habitat Conditions and Leaf Biochemistry. <i>PLoS ONE</i> , 2016, 11, e0152878.	1.1	41
160	Characterisation of <i>Candida</i> within the Mycobiome/Microbiome of the Lower Respiratory Tract of ICU Patients. <i>PLoS ONE</i> , 2016, 11, e0155033.	1.1	45
161	The Microbiome and Metabolites in Fermented Pu-erh Tea as Revealed by High-Throughput Sequencing and Quantitative Multiplex Metabolite Analysis. <i>PLoS ONE</i> , 2016, 11, e0157847.	1.1	67
162	Networks Depicting the Fine-Scale Co-Occurrences of Fungi in Soil Horizons. <i>PLoS ONE</i> , 2016, 11, e0165987.	1.1	81
163	Leaf Treatments with a Protein-Based Resistance Inducer Partially Modify Phyllosphere Microbial Communities of Grapevine. <i>Frontiers in Plant Science</i> , 2016, 7, 1053.	1.7	20
164	Ectomycorrhizal fungi slow soil carbon cycling. <i>Ecology Letters</i> , 2016, 19, 937-947.	3.0	224

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166	Host associations and beta diversity of fungal endophyte communities in New Guinea rainforest trees. <i>Molecular Ecology</i> , 2016, 25, 825-841.	2.0	113
167	Contrasting microbial biogeographical patterns between anthropogenic subalpine grasslands and natural alpine grasslands. <i>New Phytologist</i> , 2016, 209, 1196-1207.	3.5	28
168	Long-term increase in snow depth leads to compositional changes in arctic ectomycorrhizal fungal communities. <i>Global Change Biology</i> , 2016, 22, 3080-3096.	4.2	36
169	The local environment determines the assembly of root endophytic fungi at a continental scale. <i>Environmental Microbiology</i> , 2016, 18, 2418-2434.	1.8	123
170	Sequence-based methods for detecting and evaluating the human gut mycobiome. <i>Letters in Applied Microbiology</i> , 2016, 62, 209-215.	1.0	102
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172	Habitat conditions and phenological tree traits overrule the influence of tree genotype in the needle mycobiome of <i>Pinus peucecea glauca</i> system at an arctic treeline ecotone. <i>New Phytologist</i> , 2016, 211, 1221-1231.	3.5	55
173	Soil fungal community comparison of different mulberry genotypes and the relationship with mulberry fruit sclerotinosis. <i>Scientific Reports</i> , 2016, 6, 28365.	1.6	18
174	Yeasts. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	0
175	Fungal communities in sediments of subtropical Chinese seas as estimated by DNA metabarcoding. <i>Scientific Reports</i> , 2016, 6, 26528.	1.6	43
176	DNA barcoding analysis of more than 9 000 yeast isolates contributes to quantitative thresholds for yeast species and genera delimitation. <i>Studies in Mycology</i> , 2016, 85, 91-105.	4.5	229
177	Microbial Communities in <i>Globodera pallida</i> Females Raised in Potato Monoculture Soil. <i>Phytopathology</i> , 2016, 106, 581-590.	1.1	17
178	T-BAS: Tree-Based Alignment Selector toolkit for phylogenetic-based placement, alignment downloads and metadata visualization: an example with the Pezizomycotina tree of life. <i>Bioinformatics</i> , 2017, 33, 1160-1168.	1.8	55
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180	Dynamic changes in microbiota and mycobiota during spontaneous <i>Vincetoxicum</i> <i>Santoni</i> <i>Trentino</i> ™ fermentation. <i>Microbial Biotechnology</i> , 2016, 9, 195-208.	2.0	52
181	Biological, physicochemical and plant health responses in lettuce and strawberry in soil or peat amended with biochar. <i>Applied Soil Ecology</i> , 2016, 107, 1-12.	2.1	122
182	Illumina-based analysis of core actinobacteriome in roots, stems, and grains of rice. <i>Microbiological Research</i> , 2016, 190, 12-18.	2.5	34

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184	Subaerial biofilms on granitic historic buildings: microbial diversity and development of phototrophic multi-species cultures. <i>Biofouling</i> , 2016, 32, 657-669.	0.8	49
185	Unique Microbial Phylotypes in Namib Desert Dune and Gravel Plain Fairy Circle Soils. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4592-4601.	1.4	25
186	An exploration of the fungal assemblage in each life history stage of the butterfly, <i>Lycaeides melissa</i> (Lycaenidae), as well as its host plant <i>Astragalus canadensis</i> (Fabaceae). <i>Fungal Ecology</i> , 2016, 22, 10-16.	0.7	11
187	Molecular and morphological analyses confirm <i>Rhizopogon verii</i> as a widely distributed ectomycorrhizal false truffle in Europe, and its presence in South America. <i>Mycorrhiza</i> , 2016, 26, 377-388.	1.3	22
188	Selection of fungi by candidate cover crops. <i>Applied Soil Ecology</i> , 2016, 103, 72-82.	2.1	39
189	High richness of ectomycorrhizal fungi and low host specificity in a coastal sand dune ecosystem revealed by network analysis. <i>Ecology and Evolution</i> , 2016, 6, 349-362.	0.8	21
190	Molecular inference, multivariate morphometrics and ecological assessment are applied in concert to delimit species in the <i>Russula clavipes</i> complex. <i>Mycologia</i> , 2016, 108, 716-730.	0.8	14
191	CARD9 impacts colitis by altering gut microbiota metabolism of tryptophan into aryl hydrocarbon receptor ligands. <i>Nature Medicine</i> , 2016, 22, 598-605.	15.2	1,001
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195	Scaling up discovery of hidden diversity in fungi: impacts of barcoding approaches. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150336.	1.8	84
196	Redefining the Chronic-Wound Microbiome: Fungal Communities Are Prevalent, Dynamic, and Associated with Delayed Healing. <i>MBio</i> , 2016, 7, .	1.8	195
197	Small-scale spatial heterogeneity of ecosystem properties, microbial community composition and microbial activities in a temperate mountain forest soil. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw185.	1.3	95
198	Fungal diversity and ecosystem function data from wine fermentation vats and microcosms. <i>Data in Brief</i> , 2016, 8, 225-229.	0.5	5
199	Midgut fungal and bacterial microbiota of <i>Aedes triseriatus</i> and <i>Aedes japonicus</i> shift in response to LaCrosse virus infection. <i>Molecular Ecology</i> , 2016, 25, 4075-4090.	2.0	82
200	Accurate Estimation of Fungal Diversity and Abundance through Improved Lineage-Specific Primers Optimized for Illumina Amplicon Sequencing. <i>Applied and Environmental Microbiology</i> , 2016, 82, 7217-7226.	1.4	321

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202	Fungal DNA barcoding. <i>Genome</i> , 2016, 59, 913-932.	0.9	184
203	<i>Hawksworthiomyces</i> gen. nov. (Ophiostomatales), illustrates the urgency for a decision on how to name novel taxa known only from environmental nucleic acid sequences (ENAS). <i>Fungal Biology</i> , 2016, 120, 1323-1340.	1.1	44
204	Barcoding sequences clearly separate <i>Chroogomphus mediterraneus</i> (Gomphidiaceae, Boletales) from <i>C. rutilus</i> , and allied species. <i>Mycoscience</i> , 2016, 57, 384-392.	0.3	7
205	The legacy effect of cover crops on soil fungal populations in a cereal rotation. <i>Agriculture, Ecosystems and Environment</i> , 2016, 228, 49-61.	2.5	122
206	A Brief Overview of the Systematics, Taxonomy, and Ecology of the <i>Tuber rufum</i> Clade. <i>Soil Biology</i> , 2016, , 125-136.	0.6	6
207	Typification of Friesian names in <i>Cortinarius</i> sections <i>Anomali</i> , <i>Spilomei</i> , and <i>Bolares</i> , and description of two new species from northern Europe. <i>Mycological Progress</i> , 2016, 15, 903-919.	0.5	15
208	Herbarium genomics: plastome sequence assembly from a range of herbarium specimens using an Iterative Organelle Genome Assembly pipeline. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 33-43.	0.7	148
209	Desert Perennial Shrubs Shape the Microbial-Community Miscellany in Laimosphere and Phyllosphere Space. <i>Microbial Ecology</i> , 2016, 72, 659-668.	1.4	12
210	Association between fertilizer-mediated changes in microbial communities and <i>Aedes albopictus</i> growth and survival. <i>Acta Tropica</i> , 2016, 164, 54-63.	0.9	9
211	<i>Lactarius</i> subgenus <i>Russularia</i> (Basidiomycota, Russulales): novel Asian species, worldwide phylogeny and evolutionary relationships. <i>Fungal Biology</i> , 2016, 120, 1554-1581.	1.1	29
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213	Long-term effects of tree harvesting on ectomycorrhizal fungal communities in boreal Scots pine forests. <i>Forest Ecology and Management</i> , 2016, 380, 41-49.	1.4	31
214	Identification of antibacterial peptides from endophytic microbiome. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9283-9293.	1.7	11
215	Imagining Sisyphus happy: DNA barcoding and the unnamed majority. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150329.	1.8	30
216	<i>Cortinarius</i> subgenus <i>Callistei</i> in North America and Europe—type studies, diversity, and distribution of species. <i>Mycologia</i> , 2016, 108, 1018-1027.	0.8	8
217	Fungi associated with decomposing deadwood in a natural beech-dominated forest. <i>Fungal Ecology</i> , 2016, 23, 109-122.	0.7	100
218	Uniting species- and community-oriented approaches to understand arbuscular mycorrhizal fungal diversity. <i>Fungal Ecology</i> , 2016, 24, 106-113.	0.7	87

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220	Microbiome Networks: A Systems Framework for Identifying Candidate Microbial Assemblages for Disease Management. <i>Phytopathology</i> , 2016, 106, 1083-1096.	1.1	250
221	A new record of <i>Tricholoma caligatum</i> (Tricholomataceae) from North Africa with a discussion of related species. <i>Phytotaxa</i> , 2016, 282, 119.	0.1	3
222	Low diversity and abundance of root endophytes prevail throughout the life cycle of an annual halophyte. <i>Mycological Progress</i> , 2016, 15, 1303-1311.	0.5	11
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224	Bacteriome and Mycobiome Interactions Underscore Microbial Dysbiosis in Familial Crohn's Disease. <i>MBio</i> , 2016, 7, .	1.8	335
225	Diversity of fungal endophytes in recent and ancient wheat ancestors <i>Triticum dicoccoides</i> and <i>Aegilops sharonensis</i> . <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw152.	1.3	56
226	Compositional and functional shifts in arctic fungal communities in response to experimentally increased snow depth. <i>Soil Biology and Biochemistry</i> , 2016, 100, 201-209.	4.2	34
227	<i>Beauveria medogensis</i> sp. nov., a new fungus of the entomopathogenic genus from China. <i>Journal of Invertebrate Pathology</i> , 2016, 139, 74-81.	1.5	32
228	Life in leaf litter: novel insights into community dynamics of bacteria and fungi during litter decomposition. <i>Molecular Ecology</i> , 2016, 25, 4059-4074.	2.0	297
229	High-resolution community profiling of arbuscular mycorrhizal fungi. <i>New Phytologist</i> , 2016, 212, 780-791.	3.5	104
230	Strong linkage between plant and soil fungal communities along a successional coastal dune system. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw156.	1.3	44
231	Fungal identification biases in microbiome projects. <i>Environmental Microbiology Reports</i> , 2016, 8, 774-779.	1.0	177
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244	Effects of consecutive monoculture of <i>Pseudostellaria heterophylla</i> on soil fungal community as determined by pyrosequencing. Scientific Reports, 2016, 6, 26601.	1.6	62
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252	Correlations between the composition of modular fungal communities and litter decomposition-associated ecosystem functions. Fungal Ecology, 2016, 22, 106-114.	0.7	46
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255	A watering manipulation in a semiarid grassland induced changes in fungal but not bacterial community composition. Pedobiologia, 2016, 59, 121-127.	0.5	24
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257	Digital identifiers for fungal species. Science, 2016, 352, 1182-1183.	6.0	24
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265	Sebacinales "one thousand and one interactions with land plants. <i>New Phytologist</i> , 2016, 211, 20-40.	3.5	274
266	Millions of reads, thousands of taxa: microbial community structure and associations analyzed via marker genes. <i>FEMS Microbiology Reviews</i> , 2016, 40, 686-700.	3.9	159
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268	Soil moisture and chemistry influence diversity of ectomycorrhizal fungal communities associating with willow along an hydrologic gradient. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiv148.	1.3	72
269	Exploring potential bacterial and fungal biocontrol agents transmitted from seeds to sprouts of wheat. <i>Biological Control</i> , 2016, 98, 27-33.	1.4	119
270	Spatial variability of microbial richness and diversity and relationships with soil organic carbon, texture and structure across an agricultural field. <i>Applied Soil Ecology</i> , 2016, 103, 44-55.	2.1	83
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272	DNA-metabarcoding uncovers the diversity of soil-inhabiting fungi in the tropical island of Puerto Rico. <i>Mycoscience</i> , 2016, 57, 217-227.	0.3	22
273	Diversity and identification of fungi associated with needles of <i>Pinus radiata</i> in Tasmania. <i>Southern Forests</i> , 2016, 78, 19-34.	0.2	6
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275	Future Perspectives and Challenges of Fungal Systematics in the Age of Big Data. <i>Fungal Biology</i> , 2016, , 25-46.	0.3	16
276	Molecular Techniques in Mycological Studies and Sequence Data Curating: Quality Control and Challenges. <i>Fungal Biology</i> , 2016, , 47-64.	0.3	2
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279	Contributions of North American endophytes to the phylogeny, ecology, and taxonomy of Xylariaceae (Sordariomycetes, Ascomycota). <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 210-232.	1.2	110
280	Dominant Tree Species and Soil Type Affect the Fungal Community Structure in a Boreal Peatland Forest. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2632-2643.	1.4	54
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282	The fungal community changes over time in developing wheat heads. <i>International Journal of Food Microbiology</i> , 2016, 222, 30-39.	2.1	45
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285	<i>Paxillus rubicundulus</i> (Boletales, Paxillaceae) and two new alder-specific ectomycorrhizal species, <i>Paxillus olivellus</i> and <i>Paxillus adelphus</i> , from Europe and North Africa. <i>Fungal Biology</i> , 2016, 120, 711-728.	1.1	8
286	Characterizing root-associated fungal communities and soils of Douglas-fir (<i>Pseudotsuga menziesii</i>) stands that naturally produce Oregon white truffles (<i>Tuber oregonense</i> and <i>Tuber gibbosum</i>). <i>Mycorrhiza</i> , 2016, 26, 367-376.	1.3	16
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292	Fungal Dysbiosis in Mucosa-associated Microbiota of Crohn's Disease Patients. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 296-305.	0.6	252
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294	Characterisation of seven <i>Inocybe</i> ectomycorrhizal morphotypes from a semiarid woody steppe. <i>Mycorrhiza</i> , 2016, 26, 215-225.	1.3	9
295	Diversity of ectomycorrhizal Thelephoraceae in <i>Tuber melanosporum</i> -cultivated orchards of Northern Spain. <i>Mycorrhiza</i> , 2016, 26, 227-236.	1.3	7

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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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427	Moving beyond <i>de novo</i> clustering in fungal community ecology. <i>New Phytologist</i> , 2017, 216, 629-634.	3.5	17
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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738	Survey of Soil Fungal Communities in Strawberry Fields by Illumina Amplicon Sequencing. <i>Eurasian Soil Science</i> , 2018, 51, 682-691.	0.5	13
739	Different twig litter (<i>Salix caprea</i>) diameter does affect microbial community activity and composition but not decay rate. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	11
740	Optimizing taxonomic classification of marker-gene amplicon sequences with QIIME 2's q2-feature-classifier plugin. <i>Microbiome</i> , 2018, 6, 90.	4.9	3,159
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767	Long-read DNA metabarcoding of ribosomal RNA in the analysis of fungi from aquatic environments. Molecular Ecology Resources, 2018, 18, 1500-1514.	2.2	103
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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886	Are drivers of root-associated fungal community structure context specific?. <i>ISME Journal</i> , 2019, 13, 1330-1344.	4.4	57
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889	Spatio-temporal microbial community dynamics within soil aggregates. <i>Soil Biology and Biochemistry</i> , 2019, 132, 58-68.	4.2	98
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894	Impact of <i>Saccharomyces cerevisiae</i> and <i>Lactobacillus buchneri</i> on microbial communities during ensiling and aerobic spoilage of corn silage. <i>Journal of Animal Science</i> , 2019, 97, 1273-1285.	0.2	38
895	The unbearable lightness of sequenced-based identification. <i>Fungal Diversity</i> , 2019, 96, 243-284.	4.7	89
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899	Liver abscess due to <i>Sterigmatomyces halophilus</i> in a boy with acute lymphoblastic leukemia. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 1047-1049.	0.8	5
900	Towards PacBio-based pan-eukaryote metabarcoding using full-length ITS sequences. <i>Environmental Microbiology Reports</i> , 2019, 11, 659-668.	1.0	66
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906	Boron in soil: The impacts on the biomass, composition and activity of the soil microbial community. <i>Science of the Total Environment</i> , 2019, 685, 564-573.	3.9	47
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917	Strigolactones shape the rhizomicrobiome in rice (<i>Oryza sativa</i>). <i>Plant Science</i> , 2019, 286, 118-133.	1.7	34
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#	ARTICLE	IF	CITATIONS
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933	Fungal community composition analysis of 24 different urban parks in Shanghai, China. <i>Urban Ecosystems</i> , 2019, 22, 855-863.	1.1	7
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937	Amphibian skin fungal communities vary across host species and do not correlate with infection by a pathogenic fungus. <i>Environmental Microbiology</i> , 2019, 21, 2905-2920.	1.8	16
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961	Variation in soil fungal community structure during successive rotations of <i>Casuarina equisetifolia</i> plantations as determined by high-throughput sequencing analysis. <i>Plant Growth Regulation</i> , 2019, 87, 445-453.	1.8	12
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#	ARTICLE	IF	CITATIONS
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968	Recovery of Fungal Cells from Air Samples: a Tale of Loss and Gain. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	21
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989	<i>Aedes albopictus</i> mosquitoes host a locally structured mycobiota with evidence of reduced fungal diversity in invasive populations. <i>Fungal Ecology</i> , 2019, 39, 257-266.	0.7	28
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991	Heritable <i>Epichloa</i> symbiosis shapes fungal but not bacterial communities of plant leaves. <i>Scientific Reports</i> , 2019, 9, 5253.	1.6	27
992	Wildfire severity reduces richness and alters composition of soil fungal communities in boreal forests of western Canada. <i>Global Change Biology</i> , 2019, 25, 2310-2324.	4.2	72
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995	Fungal community assembly in soils and roots under plant invasion and nitrogen deposition. <i>Fungal Ecology</i> , 2019, 40, 107-117.	0.7	52
996	Dissimilar responses of fungal and bacterial communities to soil transplantation simulating abrupt climate changes. <i>Molecular Ecology</i> , 2019, 28, 1842-1856.	2.0	13
997	Alterations in intestinal microbiota of colorectal cancer patients receiving radical surgery combined with adjuvant CapeOx therapy. <i>Science China Life Sciences</i> , 2019, 62, 1178-1193.	2.3	42
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1000	Impact of Nitrogen Fertilizer on the Mycorrhizal Inoculating Potential and Fungal Community Structure in Rhizosphere of Medicinal Plant <i>Curcuma longa</i> L.. <i>Geomicrobiology Journal</i> , 2019, 36, 385-395.	1.0	3

#	ARTICLE	IF	CITATIONS
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1002	Microbial species and biodiversity in settling dust within and between pig farms. <i>Environmental Research</i> , 2019, 171, 558-567.	3.7	49
1003	Impacts of experimental warming and northern light climate on growth and root fungal communities of Scots pine populations. <i>Fungal Ecology</i> , 2019, 40, 43-49.	0.7	6
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1006	Contrasted ecological niches shape fungal and prokaryotic community structure in mangroves sediments. <i>Environmental Microbiology</i> , 2019, 21, 1407-1424.	1.8	38
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1008	The gut mycobiota: insights into analysis, environmental interactions and role in gastrointestinal diseases. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 331-345.	8.2	226
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1010	funbarRF: DNA barcode-based fungal species prediction using multiclass Random Forest supervised learning model. <i>BMC Genetics</i> , 2019, 20, 2.	2.7	17
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1014	Environmental and biotic drivers of soil microbial ð²â€diversity across spatial and phylogenetic scales. <i>Ecography</i> , 2019, 42, 2144-2156.	2.1	21
1015	Linking Soil Fungal Generality to Tree Richness in Young Subtropical Chinese Forests. <i>Microorganisms</i> , 2019, 7, 547.	1.6	10
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1017	How deep can ectomycorrhizas go? A case study on <i>Pisolithus</i> down to 4 meters in a Brazilian eucalypt plantation. <i>Mycorrhiza</i> , 2019, 29, 637-648.	1.3	17
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1034	A Fungal World: Could the Gut Mycobiome Be Involved in Neurological Disease?. Frontiers in Microbiology, 2018, 9, 3249.	1.5	80
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1038	Effects of the successive planting of <i>Eucalyptus urophylla</i> on soil bacterial and fungal community structure, diversity, microbial biomass, and enzyme activity. <i>Land Degradation and Development</i> , 2019, 30, 636-646.	1.8	80
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1044	Handbook for the measurement of macrofungal functional traits: A start with basidiomycete wood fungi. <i>Functional Ecology</i> , 2019, 33, 372-387.	1.7	39
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1046	Mycobiome diversity: high-throughput sequencing and identification of fungi. <i>Nature Reviews Microbiology</i> , 2019, 17, 95-109.	13.6	580
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1049	Identification and Frequencies of Endophytic Microbes within Healthy Grape Berries. <i>American Journal of Enology and Viticulture</i> , 2019, 70, 212-219.	0.9	21
1050	The UNITE database for molecular identification of fungi: handling dark taxa and parallel taxonomic classifications. <i>Nucleic Acids Research</i> , 2019, 47, D259-D264.	6.5	2,072
1051	The honey bee gut microbiota: strategies for study and characterization. <i>Insect Molecular Biology</i> , 2019, 28, 455-472.	1.0	46
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1054	Characterizing both bacteria and fungi improves understanding of the Arabidopsis root microbiome. <i>Scientific Reports</i> , 2019, 9, 24.	1.6	135

#	ARTICLE	IF	CITATIONS
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1057	Changes in the Microbial Community of <i>Pinus arizonica</i> Saplings After Being Colonized by the Bark Beetle <i>Dendroctonus rhizophagus</i> (Curculionidae: Scolytinae). <i>Microbial Ecology</i> , 2019, 78, 102-112.	1.4	12
1058	Diversity, Ecology, and Significance of Fungal Endophytes. <i>Reference Series in Phytochemistry</i> , 2019, , 1-40.	0.2	0
1059	Phylogenetic imprint of woody plants on the soil mycobiome in natural mountain forests of eastern China. <i>ISME Journal</i> , 2019, 13, 686-697.	4.4	76
1060	The rhizomicrobiomes of wild and cultivated crops react differently to fungicides. <i>Archives of Microbiology</i> , 2019, 201, 477-486.	1.0	13
1061	Rhizosphere responses to environmental conditions in <i>Radix pseudostellariae</i> under continuous monoculture regimes. <i>Agriculture, Ecosystems and Environment</i> , 2019, 270-271, 19-31.	2.5	47
1062	High-throughput identification and diagnostics of pathogens and pests: Overview and practical recommendations. <i>Molecular Ecology Resources</i> , 2019, 19, 47-76.	2.2	91
1063	The ability of plants to produce strigolactones affects rhizosphere community composition of fungi but not bacteria. <i>Rhizosphere</i> , 2019, 9, 18-26.	1.4	59
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1065	Responses of soil fungal and archaeal communities to environmental factors in an ongoing antimony mine area. <i>Science of the Total Environment</i> , 2019, 652, 1030-1039.	3.9	33
1066	Gut bacterial and fungal communities in ground-dwelling beetles are associated with host food habit and habitat. <i>ISME Journal</i> , 2019, 13, 676-685.	4.4	54
1067	Diversity, Ecology, and Significance of Fungal Endophytes. <i>Reference Series in Phytochemistry</i> , 2019, , 1-40.	0.2	0
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1071	Soil ameliorants alter physicochemical properties and fungal communities in saline-sodic soils of Northeast China. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1147-1159.	1.3	7
1072	Revision of root-associated microfungi of <i>Pinus wallichiana</i> in Kashmir Himalaya. <i>Canadian Journal of Forest Research</i> , 2019, 49, 326-329.	0.8	1

#	ARTICLE	IF	CITATIONS
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1074	A 30-years vineyard trial: Plant communities, soil microbial communities and litter decomposition respond more to soil treatment than to N fertilization. <i>Agriculture, Ecosystems and Environment</i> , 2019, 272, 114-125.	2.5	22
1075	Introducing ribosomal tandem repeat barcoding for fungi. <i>Molecular Ecology Resources</i> , 2019, 19, 118-127.	2.2	78
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1077	Different belowground responses to elevated ozone and soil water deficit in three European oak species (<i>Quercus ilex</i> , <i>Q. pubescens</i> and <i>Q. robur</i>). <i>Science of the Total Environment</i> , 2019, 651, 1310-1320.	3.9	30
1078	Assembly processes of trophic guilds in the root mycobiome of temperate forests. <i>Molecular Ecology</i> , 2019, 28, 348-364.	2.0	46
1079	In vitro elucidation of suppression effects of composts to soil-borne pathogen <i>Phytophthora nicotianae</i> on pepper plants using 16S amplicon sequencing and metaproteomics. <i>Renewable Agriculture and Food Systems</i> , 2020, 35, 206-214.	0.8	9
1080	Prominence of ileal mucosa-associated microbiota to predict postoperative endoscopic recurrence in Crohn's disease. <i>Gut</i> , 2020, 69, 462-472.	6.1	76
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1084	Volatile-mediated antagonism of soil bacterial communities against fungi. <i>Environmental Microbiology</i> , 2020, 22, 1025-1035.	1.8	49
1085	Decelerated carbon cycling by ectomycorrhizal fungi is controlled by substrate quality and community composition. <i>New Phytologist</i> , 2020, 226, 569-582.	3.5	53
1086	A critical review on exploiting the pharmaceutical potential of plant endophytic fungi. <i>Biotechnology Advances</i> , 2020, 39, 107462.	6.0	206
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1088	The dynamics of volatile compounds and their correlation with the microbial succession during the traditional solid-state fermentation of Gutian Hong Qu glutinous rice wine. <i>Food Microbiology</i> , 2020, 86, 103347.	2.1	45
1089	Lead soaps formation and biodiversity in a XVIII Century wax seal coloured with minium. <i>Environmental Microbiology</i> , 2020, 22, 1517-1534.	1.8	17
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#	ARTICLE	IF	CITATIONS
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1099	Different toxic effects of ferulic and p-hydroxybenzoic acids on cucumber seedling growth were related to their different influences on rhizosphere microbial composition. <i>Biology and Fertility of Soils</i> , 2020, 56, 125-136.	2.3	39
1100	Fire history and plant community composition outweigh decadal multi-factor global change as drivers of microbial composition in an annual grassland. <i>Journal of Ecology</i> , 2020, 108, 611-625.	1.9	19
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1105	Fungal community assembly in drought-stressed sorghum shows stochasticity, selection, and universal ecological dynamics. <i>Nature Communications</i> , 2020, 11, 34.	5.8	176
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1108	Nodulose-spored <i>Inocybe</i> from the Rocky Mountain alpine zone molecularly linked to European and type specimens. <i>Mycologia</i> , 2020, 112, 133-153.	0.8	10

#	ARTICLE	IF	CITATIONS
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1112	Habitat fragmentation in a Mediterranean-type forest alters resident and propagule mycorrhizal fungal communities. <i>Pedobiologia</i> , 2020, 78, 150611.	0.5	8
1113	<i>Pichia kudriavzevii</i> retards fungal decay by influencing the fungal community succession during cherry tomato fruit storage. <i>Food Microbiology</i> , 2020, 88, 103404.	2.1	35
1114	Development of biological soil crust prompts convergent succession of prokaryotic communities. <i>Catena</i> , 2020, 187, 104360.	2.2	29
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1116	Ecological impact of a rare sugar on grapevine phyllosphere microbial communities. <i>Microbiological Research</i> , 2020, 232, 126387.	2.5	20
1117	Host tree organ is the primary driver of endophytic fungal community structure in a hemiboreal forest. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	19
1118	Home chemical and microbial transitions across urbanization. <i>Nature Microbiology</i> , 2020, 5, 108-115.	5.9	83
1119	The Missing Metric: An Evaluation of Fungal Importance in Wetland Assessments. <i>Wetlands</i> , 2020, 40, 825-838.	0.7	10
1120	Assessment of bacterial and fungal communities in a full-scale thermophilic sewage sludge composting pile under a semipermeable cover. <i>Bioresource Technology</i> , 2020, 298, 122550.	4.8	46
1121	Molecular strategies for identification and characterization of some wild edible mushrooms of Nagaland, India. <i>Molecular Biology Reports</i> , 2020, 47, 621-630.	1.0	10
1122	Fungal community structure in relation to manure rate in red soil in southern China. <i>Applied Soil Ecology</i> , 2020, 147, 103442.	2.1	19
1123	Fungi associated with tree species at an Alberta oil sands reclamation area, as determined by sporocarp assessments and high-throughput DNA sequencing. <i>Applied Soil Ecology</i> , 2020, 147, 103359.	2.1	6
1124	A semi-automated protocol for NGS metabarcoding and fungal analysis in forensic. <i>Forensic Science International</i> , 2020, 306, 110052.	1.3	5
1125	Soil fungal assemblage complexity is dependent on soil fertility and dominated by deterministic processes. <i>New Phytologist</i> , 2020, 226, 232-243.	3.5	101
1126	Alteration of Fungal Microbiota After 5-ASA Treatment in UC Patients. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 380-390.	0.9	23

#	ARTICLE	IF	CITATIONS
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1128	The hidden potential of saprotrophic fungi in arable soil: Patterns of short-term stimulation by organic amendments. <i>Applied Soil Ecology</i> , 2020, 147, 103434.	2.1	70
1129	Bacterial and fungal ecology on air conditioning cooling coils is influenced by climate and building factors. <i>Indoor Air</i> , 2020, 30, 326-334.	2.0	17
1130	Fungal and Bacterial Communities Exhibit Consistent Responses to Reversal of Soil Acidification and Phosphorus Limitation over Time. <i>Microorganisms</i> , 2020, 8, 1.	1.6	165
1131	Divergent above- and below-ground responses of fungal functional groups to forest thinning. <i>Soil Biology and Biochemistry</i> , 2020, 150, 108010.	4.2	15
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1133	Production of Fungal Mycelia in a Temperate Coniferous Forest Shows Distinct Seasonal Patterns. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 190.	1.5	9
1134	A preliminary examination of the bacterial, archaeal, and fungal rhizosphere microbiome in healthy and <i>Phellinus noxius</i> -infected trees. <i>MicrobiologyOpen</i> , 2020, 9, e1115.	1.2	6
1135	Ecotomycorrhizal and Dark Septate Fungal Associations of Pinyon Pine Are Differentially Affected by Experimental Drought and Warming. <i>Frontiers in Plant Science</i> , 2020, 11, 582574.	1.7	20
1136	Soil fungal community composition differs significantly among the Antarctic, Arctic, and Tibetan Plateau. <i>Extremophiles</i> , 2020, 24, 821-829.	0.9	12
1137	Ericoid mycorrhizal symbiosis: theoretical background and methods for its comprehensive investigation. <i>Mycorrhiza</i> , 2020, 30, 671-695.	1.3	50
1138	Rhizospheric microbiomes help Dongxiang common wild rice (<i>Oryza rufipogon</i> Griff.) rather than <i>Leersia hexandra</i> Swartz survive under cold stress. <i>Archives of Agronomy and Soil Science</i> , 2020, , 1-13.	1.3	5
1139	Identification of bacteria and fungi inhabiting fruiting bodies of Burgundy truffle (<i>Tuber aestivum</i>)	1.0	20
1140	Fecal Microbiota Alterations Associated With Clinical and Endoscopic Response to Infliximab Therapy in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1636-1647.	0.9	23
1141	Characterization of soil microbes associated with a grazing-tolerant grass species, <i>Stipa breviflora</i> , in the Inner Mongolian desert steppe. <i>Ecology and Evolution</i> , 2020, 10, 10607-10618.	0.8	17
1142	Effects of nitrogen and phosphorus addition on microbial community composition and element cycling in a grassland soil. <i>Soil Biology and Biochemistry</i> , 2020, 151, 108041.	4.2	103
1143	Grow - Store - Steam - Re-peat: Reuse of spent growing media for circular cultivation of <i>Chrysanthemum</i> . <i>Journal of Cleaner Production</i> , 2020, 276, 124128.	4.6	29
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#	ARTICLE	IF	CITATIONS
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1146	Glyphosate treatments for weed control affect early stages of root colonization by <i>Tuber melanosporum</i> but not secondary colonization. <i>Mycorrhiza</i> , 2020, 30, 725-733.	1.3	8
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1150	Life in mine tailings: microbial population structure across the bulk soil, rhizosphere, and roots of boreal species colonizing mine tailings in northwestern Québec. <i>Annals of Microbiology</i> , 2020, 70, .	1.1	19
1151	Unambiguous identification of fungi: where do we stand and how accurate and precise is fungal DNA barcoding?. <i>IMA Fungus</i> , 2020, 11, 14.	1.7	232
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1154	Correlation between microbial communities and key flavors during post-fermentation of Pixian broad bean paste. <i>Food Research International</i> , 2020, 137, 109513.	2.9	38
1155	Biogeography and Diversity of Multi-Trophic Root Zone Microbiomes in Michigan Apple Orchards: Analysis of Rootstock, Scion, and Local Growing Region. <i>Phytobiomes Journal</i> , 2020, 4, 122-132.	1.4	8
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1161	First insights to the microbial communities in the plant process water of the multi-metal Kevitsa mine. <i>Research in Microbiology</i> , 2020, 171, 230-242.	1.0	12
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#	ARTICLE	IF	CITATIONS
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1166	Changes in the Microbiome in the Soil of an American Ginseng Continuous Plantation. <i>Frontiers in Plant Science</i> , 2020, 11, 572199.	1.7	40
1167	Analysis of the Microbial Diversity and Characteristics of Fermented Blueberry Beverages from Different Regions. <i>Foods</i> , 2020, 9, 1656.	1.9	10
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1179	FoodOmics as a new frontier to reveal microbial community and metabolic processes occurring on table olives fermentation. <i>Food Microbiology</i> , 2020, 92, 103606.	2.1	25
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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1203	The Relationship between Fungal Diversity and Invasibility of a Foliar Niche—The Case of Ash Dieback. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 150.	1.5	17
1204	Fungal diversity in deep-sea sediments from Magellan seamounts environment of the western Pacific revealed by high-throughput Illumina sequencing. <i>Journal of Microbiology</i> , 2020, 58, 841-852.	1.3	14
1205	Mission impossible completed: unlocking the nomenclature of the largest and most complicated subgenus of <i>Cortinarius</i> , <i>Telamonia</i> . <i>Fungal Diversity</i> , 2020, 104, 291-331.	4.7	20
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1210	Higher host plant specialization of root-associated endophytes than mycorrhizal fungi along an arctic elevational gradient. <i>Ecology and Evolution</i> , 2020, 10, 8989-9002.	0.8	11
1211	Links between soil microbial communities, functioning, and plant nutrition under altered rainfall in Australian grassland. <i>Ecological Monographs</i> , 2020, 90, e01424.	2.4	26
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1216	Analyzing Ash Leaf-Colonizing Fungal Communities for Their Biological Control of <i>Hymenoscyphus fraxineus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 590944.	1.5	24
1217	The Taxon Hypothesis Paradigm—On the Unambiguous Detection and Communication of Taxa. <i>Microorganisms</i> , 2020, 8, 1910.	1.6	114

#	ARTICLE	IF	CITATIONS
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1221	Intramuscular injection of tetracycline decreased gut microbial diversity in mouse. <i>Mammalian Genome</i> , 2020, 31, 295-308.	1.0	2
1222	Influence of Annual Plant Diversity on Forage Productivity and Nutrition, Soil Chemistry, and Soil Microbial Communities. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	7
1223	Soil Fungal Communities under <i>Pinus patula</i> Schiede ex Schlttdl. & Cham. Plantation Forests of Different Ages in Ethiopia. <i>Forests</i> , 2020, 11, 1109.	0.9	8
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1233	Fungal diversity within organic and conventional farming systems in Central Highlands of Kenya. <i>African Journal of Microbiology Research</i> , 2020, 14, 242-258.	0.4	1
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#	ARTICLE	IF	CITATIONS
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1237	The response of soil and phyllosphere microbial communities to repeated application of the fungicide iprodione: accelerated biodegradation or toxicity?. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	29
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1240	Endophytic bacterial and fungal microbiota in different cultivars of cassava (<i>Manihot esculenta</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58	1.3	13
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#	ARTICLE	IF	CITATIONS
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1307	<i>Trichoderma koningiopsis</i> controls <i>Fusarium oxysporum</i> causing damping-off in <i>Pinus massoniana</i> seedlings by regulating active oxygen metabolism, osmotic potential, and the rhizosphere microbiome. <i>Biological Control</i> , 2020, 150, 104352.	1.4	18

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1311	Reductive soil disinfestation incorporated with organic residue combination significantly improves soil microbial activity and functional diversity than sole residue incorporation. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7573-7588.	1.7	28
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1315	Fragmentation of plastic objects in a laboratory seawater microcosm. <i>Scientific Reports</i> , 2020, 10, 10945.	1.6	101
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1318	Ectomycorrhizal fungi of exotic <i>Carya ovata</i> in the context of surrounding native forests on Central European sites. <i>Fungal Ecology</i> , 2020, 44, 100908.	0.7	12
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1330	Different Dynamics of Bacterial and Fungal Communities in Hive-Stored Bee Bread and Their Possible Roles: A Case Study from Two Commercial Honey Bees in China. <i>Microorganisms</i> , 2020, 8, 264.	1.6	43
1331	Ectomycorrhizal fungal diversity predicted to substantially decline due to climate changes in North American Pinaceae forests. <i>Journal of Biogeography</i> , 2020, 47, 772-782.	1.4	42
1332	Fungal communities in groundwater springs along the volcanic zone of Iceland. <i>Inland Waters</i> , 2020, 10, 418-427.	1.1	9
1333	High-throughput sequencing provides insight into manipulated soil fungal community structure and diversity during temperate forest restoration. <i>Restoration Ecology</i> , 2020, 28, S365.	1.4	7
1334	Distribution characteristics of fungal communities with depth in paddy fields of three soil types in China. <i>Journal of Microbiology</i> , 2020, 58, 279-287.	1.3	10
1335	Community Assembly of Endophytic Fungi in Ectomycorrhizae of Betulaceae Plants at a Regional Scale. <i>Frontiers in Microbiology</i> , 2019, 10, 3105.	1.5	14
1336	A toxic grass <i>Achnatherum inebrians</i> serves as a diversity refuge for the soil fungal community in rangelands of northern China. <i>Plant and Soil</i> , 2020, 448, 425-438.	1.8	7
1337	Analysis of the fungal population involved in Katsuobushi production. <i>Journal of General and Applied Microbiology</i> , 2020, 66, 239-243.	0.4	5
1338	pH-induced changes in fungal abundance and composition affects soil heterotrophic nitrification after 30 days of artificial pH manipulation. <i>Geoderma</i> , 2020, 366, 114255.	2.3	34
1339	Coordinated photodegradation and biodegradation of organic matter from macrophyte litter in shallow lake water: Dual role of solar irradiation. <i>Water Research</i> , 2020, 172, 115516.	5.3	28
1340	Three-year pot culture of <i>Epipactis helleborine</i> reveals autotrophic survival, without mycorrhizal networks, in a mixotrophic species. <i>Mycorrhiza</i> , 2020, 30, 51-61.	1.3	13
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1345	The <i>Pseudomphalina kalchbrenneri</i> complex in North America. <i>Botany</i> , 2020, 98, 91-101.	0.5	2
1346	Dietary effects on gut microbiota of the mesquite lizard <i>Sceloporus grammicus</i> (Wiegmann, 1828) across different altitudes. <i>Microbiome</i> , 2020, 8, 6.	4.9	46
1347	Diversity and Composition of Rumen Bacteria, Fungi, and Protozoa in Goats and Sheep Living in the Same High-Altitude Pasture. <i>Animals</i> , 2020, 10, 186.	1.0	38
1348	Positive response of soil microbes to long-term nitrogen input in spruce forest: Results from a whole-catchment N-addition experiment. <i>Soil Biology and Biochemistry</i> , 2020, 143, 107732.	4.2	35
1349	Fungal diversity in canopy soil of silver beech, <i>Nothofagus menziesii</i> (Nothofagaceae). <i>PLoS ONE</i> , 2020, 15, e0227860.	1.1	4
1350	Invasion by the weed <i>Conyza canadensis</i> alters soil nutrient supply and shifts microbiota structure. <i>Soil Biology and Biochemistry</i> , 2020, 143, 107739.	4.2	58
1351	Cryptogams signify key transitions of bacteria and fungi in Arctic sand dune succession. <i>New Phytologist</i> , 2020, 226, 1836-1849.	3.5	8
1352	Interactions of nitrogen and phosphorus cycling promote P acquisition and explain synergistic plant growth responses. <i>Ecology</i> , 2020, 101, e03003.	1.5	58
1353	Microbial Community Changes in the Rhizosphere Soil of Healthy and Rusty <i>Panax ginseng</i> and Discovery of Pivotal Fungal Genera Associated with Rusty Roots. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	41
1354	Characterization of Anaerobic Rumen Fungal Community Composition in Yak, Tibetan Sheep and Small Tail Han Sheep Grazing on the Qinghai-Tibetan Plateau. <i>Animals</i> , 2020, 10, 144.	1.0	18
1355	High-throughput analysis of fungal communities in <i>Myristicae</i> Semen. <i>LWT - Food Science and Technology</i> , 2020, 128, 109499.	2.5	18
1356	Biochar Application Alleviated Negative Plant-Soil Feedback by Modifying Soil Microbiome. <i>Frontiers in Microbiology</i> , 2020, 11, 799.	1.5	48
1357	Early successional ectomycorrhizal fungi are more likely to naturalize outside their native range than other ectomycorrhizal fungi. <i>New Phytologist</i> , 2020, 227, 1289-1293.	3.5	17
1358	Rhizosphere bacteria are more strongly related to plant root traits than fungi in temperate montane forests: insights from closed and open forest patches along an elevational gradient. <i>Plant and Soil</i> , 2020, 450, 183-200.	1.8	24
1359	Investigating the composition and distribution of microplastics surface biofilms in coral areas. <i>Chemosphere</i> , 2020, 252, 126565.	4.2	88
1360	The belowground bacterial and fungal communities differed in their significance as microbial indicator of Moroccan carob habitats. <i>Ecological Indicators</i> , 2020, 114, 106341.	2.6	3
1361	Plant-fungal interactions in hybrid zones: Ectomycorrhizal communities of willows (<i>Salix</i>) in an alpine glacier forefield. <i>Fungal Ecology</i> , 2020, 45, 100936.	0.7	13

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1363	Pioneer trees of Betula pendula at a red gypsum landfill harbour specific structure and composition of root-associated microbial communities. Science of the Total Environment, 2020, 726, 138530.	3.9	14
1364	“Home” and “away” litter decomposition depends on the size fractions of the soil biotic community. Soil Biology and Biochemistry, 2020, 144, 107783.	4.2	17
1365	Impacts of directed evolution and soil management legacy on the maize rhizobiome. Soil Biology and Biochemistry, 2020, 145, 107794.	4.2	22
1366	Lost in translation: Population genomics and long-read sequencing reveals relaxation of concerted evolution of the ribosomal DNA cistron. Molecular Phylogenetics and Evolution, 2020, 148, 106804.	1.2	16
1367	Plant diversity enhances the reclamation of degraded lands by stimulating plant “soil feedbacks. Journal of Applied Ecology, 2020, 57, 1258-1270.	1.9	22
1368	Autotoxic Ginsenoside Disrupts Soil Fungal Microbiomes by Stimulating Potentially Pathogenic Microbes. Applied and Environmental Microbiology, 2020, 86, .	1.4	38
1369	Similar but Not Identical Resuscitation Trajectories of the Soil Microbial Community Based on Either DNA or RNA after Flooding. Agronomy, 2020, 10, 502.	1.3	8
1370	Microbial Diversity Associated with the Pollen Stores of Captive-Bred Bumble Bee Colonies. Insects, 2020, 11, 250.	1.0	25
1371	Beyond Just Bacteria: Functional Biomes in the Gut Ecosystem Including Virome, Mycobiome, Archaeome and Helminths. Microorganisms, 2020, 8, 483.	1.6	86
1372	Community-level interactions between plants and soil biota during range expansion. Journal of Ecology, 2020, 108, 1860-1873.	1.9	14
1373	Elucidation of the rhizosphere microbiome linked to Spartina alterniflora phenotype in a salt marsh on Skidaway Island, Georgia, USA. FEMS Microbiology Ecology, 2020, 96, .	1.3	21
1374	Insights into the community structure and lifestyle of the fungal root endophytes of tomato by combining amplicon sequencing and isolation approaches with phytohormone profiling. FEMS Microbiology Ecology, 2020, 96, .	1.3	31
1375	A predatory myxobacterium controls cucumber Fusarium wilt by regulating the soil microbial community. Microbiome, 2020, 8, 49.	4.9	87
1376	Variations in Fungal Community and Diversity in Doushen With Different Flavors. Frontiers in Microbiology, 2020, 11, 447.	1.5	9
1377	Fungal communities in decomposing wood along an energy wood harvest gradient. Forest Ecology and Management, 2020, 465, 118070.	1.4	8
1378	A Survey of the Potential Ectomycorrhizal Fungi Associated With Nursery Seedlings of Seven Species of Exotic <i>Quercus</i> in China. Journal of Sustainable Forestry, 2021, 40, 357-370.	0.6	2
1379	Potential microbial bioindicators of phosphorus mining in a temperate deciduous forest. Journal of Applied Microbiology, 2021, 130, 109-122.	1.4	35

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1381	Root microbiome assembly of <i>Aspergillus hyperaccumulator</i> <i>Pteris vittata</i> and its efficacy in arsenic requisition. <i>Environmental Microbiology</i> , 2021, 23, 1959-1971.	1.8	25
1382	Habitat-scale heterogeneity maintains fungal endophyte diversity in two native prairie legumes. <i>Mycologia</i> , 2021, 113, 20-32.	0.8	8
1383	Continuous-cover forestry maintains soil fungal communities in Norway spruce dominated boreal forests. <i>Forest Ecology and Management</i> , 2021, 480, 118659.	1.4	32
1384	Skin fungal assemblages of bats vary based on susceptibility to white-nose syndrome. <i>ISME Journal</i> , 2021, 15, 909-920.	4.4	16
1385	Effects of mowing regimes on above- and belowground biota in semi-arid grassland of northern China. <i>Journal of Environmental Management</i> , 2021, 277, 111441.	3.8	22
1386	Fungal endophyte diversity in table grapes. <i>Canadian Journal of Microbiology</i> , 2021, 67, 29-36.	0.8	12
1387	Association of intestinal fungal communities with the body vesicular syndrome: An emerging disease of sea cucumber (<i>Apostichopus japonicus</i>). <i>Aquaculture</i> , 2021, 530, 735758.	1.7	4
1388	Habitat and seasonal variations in bacterial community structure and diversity in sediments of a Shallow lake. <i>Ecological Indicators</i> , 2021, 120, 106959.	2.6	46
1389	Root trait-microbial relationships across tundra plant species. <i>New Phytologist</i> , 2021, 229, 1508-1520.	3.5	46
1390	Sourdough cultures as reservoirs of maltose-negative yeasts for low-alcohol beer brewing. <i>Food Microbiology</i> , 2021, 94, 103629.	2.1	27
1391	Crown-fire severity is more important than ground-fire severity in determining soil fungal community development in the boreal forest. <i>Journal of Ecology</i> , 2021, 109, 504-518.	1.9	31
1392	Divergent responses of soil fungal communities to soil erosion and deposition as evidenced in topsoil and subsoil. <i>Science of the Total Environment</i> , 2021, 755, 142616.	3.9	10
1393	Soil microbial communities and their relationships to soil properties at different depths in an alpine meadow and desert grassland in the Qilian mountain range of China. <i>Journal of Arid Environments</i> , 2021, 184, 104316.	1.2	28
1394	Root associated fungi respond more strongly than rhizosphere soil fungi to N fertilization in a boreal forest. <i>Science of the Total Environment</i> , 2021, 766, 142597.	3.9	14
1395	Pinewood Nematode Alters the Endophytic and Rhizospheric Microbial Communities of <i>Pinus massoniana</i> . <i>Microbial Ecology</i> , 2021, 81, 807-817.	1.4	16
1396	Changes in rhizosphere microbial diversity and composition due to NaCl addition to the soil modify the outcome of maize-weed interactions. <i>Applied Soil Ecology</i> , 2021, 159, 103818.	2.1	2
1397	Survey of background microbial index in inhalable particles in Beijing. <i>Science of the Total Environment</i> , 2021, 757, 143743.	3.9	10

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1399	Rhizosphere bacterial and fungal communities succession patterns related to growth of poplar fine roots. Science of the Total Environment, 2021, 756, 143839.	3.9	7
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1401	Interacting effects of land use type, microbes and plant traits on soil aggregate stability. Soil Biology and Biochemistry, 2021, 154, 108072.	4.2	38
1402	Soil fungal diversity and functionality are driven by plant species used in phytoremediation. Soil Biology and Biochemistry, 2021, 153, 108102.	4.2	25
1403	Variation in hyphal production rather than turnover regulates standing fungal biomass in temperate hardwood forests. Ecology, 2021, 102, e03260.	1.5	13
1404	Cross-sectional comparisons of gut microbiome and short-chain fatty acid levels among children with varied weight classifications. Pediatric Obesity, 2021, 16, e12750.	1.4	11
1405	Greater local diversity under older species pools may arise from enhanced competitive equivalence. Ecology Letters, 2021, 24, 310-318.	3.0	6
1406	First report on the microbial communities of the wild and planted raspberry rhizosphere – A statement on the taxa, processes and a new indicator of functional diversity. Ecological Indicators, 2021, 121, 107117.	2.6	10
1407	Native and non-native mammals disperse exotic ectomycorrhizal fungi at long distances from pine plantations. Fungal Ecology, 2021, 49, 101012.	0.7	6
1408	The dominance of Suillus species in ectomycorrhizal fungal communities on Larix gmelinii in a post-fire forest in the Russian Far East. Mycorrhiza, 2021, 31, 55-66.	1.3	11
1409	Organic amendments drive shifts in microbial community structure and keystone taxa which increase C mineralization across aggregate size classes. Soil Biology and Biochemistry, 2021, 153, 108062.	4.2	91
1410	Strong priming of soil organic matter induced by frequent input of labile carbon. Soil Biology and Biochemistry, 2021, 152, 108069.	4.2	70
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1412	Clonal bulblet regeneration and endophytic communities profiling of Lycoris sprengeri, an economically valuable bulbous plant of pharmaceutical and ornamental value. Scientia Horticulturae, 2021, 279, 109856.	1.7	7
1413	Metabolic modeling predicts specific gut bacteria as key determinants for <i>Candida albicans</i> colonization levels. ISME Journal, 2021, 15, 1257-1270.	4.4	23
1414	Polyester microfiber and natural organic matter impact microbial communities, carbon-degraded enzymes, and carbon accumulation in a clayey soil. Journal of Hazardous Materials, 2021, 405, 124701.	6.5	67
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1417	Application of low dosage of copper oxide and zinc oxide nanoparticles boosts bacterial and fungal communities in soil. <i>Science of the Total Environment</i> , 2021, 757, 143807.	3.9	26
1418	Fungal assemblages in predictive stream bioassessment: A cross-taxon comparison along multiple stressor gradients. <i>Ecological Indicators</i> , 2021, 121, 106986.	2.6	2
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1420	Distribution of airborne pollen, fungi and bacteria at four altitudes using high-throughput DNA sequencing. <i>Atmospheric Research</i> , 2021, 249, 105306.	1.8	8
1421	The impact of different <i>Saccharomyces cerevisiae</i> strains on microbial composition and quality of Chinese rice wine fermentations. <i>Yeast</i> , 2021, 38, 147-156.	0.8	12
1422	Root pathogen diversity and composition varies with climate in undisturbed grasslands, but less so in anthropogenically disturbed grasslands. <i>ISME Journal</i> , 2021, 15, 304-317.	4.4	26
1423	Comprehensive microbiome and metabolome analyses reveal the physiological mechanism of chlorotic <i>Areca</i> leaves. <i>Tree Physiology</i> , 2021, 41, 147-161.	1.4	4
1424	<i>Fusarium</i> spp. Associated With Root Rot of Pulse Crops and Their Cross-Pathogenicity to Cereal Crops in Montana. <i>Plant Disease</i> , 2021, 105, 548-557.	0.7	12
1425	Soil bacterial and fungal communities and associated nutrient cycling in relation to rice cultivation history after reclamation of natural wetland. <i>Land Degradation and Development</i> , 2021, 32, 1287-1300.	1.8	7
1426	Effects of Nitrogen Deposition on Nitrogen-Mineralizing Enzyme Activity and Soil Microbial Community Structure in a Korean Pine Plantation. <i>Microbial Ecology</i> , 2021, 81, 410-424.	1.4	37
1427	Mycorrhizal and rhizospheric fungal community assembly differs during subalpine forest restoration on the eastern Qinghai-Tibetan Plateau. <i>Plant and Soil</i> , 2021, 458, 245-259.	1.8	15
1428	Soil Fungal Community Structure Changes in Response to Different Long-Term Fertilization Treatments in a Greenhouse Tomato Monocropping System. <i>Phyton</i> , 2021, 90, 1233-1246.	0.4	1
1429	Reduced Environmental Microbial Diversity on the Cuticle and in the Galleries of a Subterranean Termite Compared to Surrounding Soil. <i>Microbial Ecology</i> , 2021, 81, 1054-1063.	1.4	10
1430	Self-Crossing Leads to Weak Co-Variation of the Bacterial and Fungal Communities in the Rice Rhizosphere. <i>Microorganisms</i> , 2021, 9, 175.	1.6	9
1431	<i>Hyalorbilia oviparastica</i> Clade Detected in Field Soils Cropped to Sugar Beets and Enriched in the Presence of <i>Heterodera schachtii</i> and a Host Crop. <i>PhytoFrontiers</i> , 2021, 1, 13-20.	0.8	4
1432	Converting croplands to orchards changes soil microbial community composition and co-occurrence patterns. <i>Land Degradation and Development</i> , 2021, 32, 2509-2519.	1.8	7
1433	Fungi Recorded on Folivorous Lepidoptera: High Diversity Despite Moderate Prevalence. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 25.	1.5	5

#	ARTICLE	IF	CITATIONS
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1435	Identification of microbial signatures linked to oilseed rape yield decline at the landscape scale. <i>Microbiome</i> , 2021, 9, 19.	4.9	31
1436	Anthropogenic Disturbance Impacts Mycorrhizal Communities and Abiotic Soil Properties: Implications for an Endemic Forest Disease. <i>Frontiers in Forests and Global Change</i> , 2021, 3, .	1.0	9
1438	Root rot alters the root-associated microbiome of field pea in commercial crop production systems. <i>Plant and Soil</i> , 2021, 460, 593-607.	1.8	10
1439	Soil water-stable aggregates and microbial community under long-term tillage in black soil of Northern China. <i>Ecotoxicology</i> , 2021, 30, 1754-1768.	1.1	14
1440	Comparative analysis of bacterial and fungal endophytes responses to <i>Candidatus Liberibacter asiaticus</i> infection in leaf midribs of <i>Citrus reticulata</i> cv. Shatangju. <i>Physiological and Molecular Plant Pathology</i> , 2021, 113, 101590.	1.3	6
1441	Untangling the <i>Lactifluus clarkeae</i> - <i>L. flocktoniae</i> (Russulaceae) species complex in Australasia. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2021, , .	1.6	0
1442	Dissimilarity analysis of microbial communities in the rhizosphere and tissues of diseased and healthy cherry trees (<i>Cerasus pseudocerasus</i>). <i>Canadian Journal of Plant Pathology</i> , 2021, 43, 612-621.	0.8	5
1443	Future Climate Alters Pathogens-Microbiome Co-occurrence Networks in Wheat Straw Residues during Decomposition. <i>Proceedings (mdpi)</i> , 2020, 66, 22.	0.2	2
1444	Detection of Nematophagous Fungi from <i>Heterodera schachtii</i> Females Using a Baiting Experiment with Soils Cropped to <i>Brassica</i> Species from California's Central Coast. <i>PhytoFrontiers</i> , 2021, 1, 4-12.	0.8	4
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1446	Diversity of Biodeteriorative Bacterial and Fungal Consortia in Winter and Summer on Historical Sandstone of the Northern Pergola, Museum of King John III's Palace at Wilanow, Poland. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 620.	1.3	10
1447	Root-Associated Mycobiomes of Common Temperate Plants (<i>Calluna vulgaris</i> and <i>Holcus lanatus</i>) Are Strongly Affected by Winter Climate Conditions. <i>Microbial Ecology</i> , 2021, 82, 403-415.	1.4	3
1448	Curing of Cocoa Beans: Fine-Scale Monitoring of the Starter Cultures Applied and Metabolomics of the Fermentation and Drying Steps. <i>Frontiers in Microbiology</i> , 2020, 11, 616875.	1.5	27
1449	Symbiosis of isoetid plant species with arbuscular mycorrhizal fungi under aquatic versus terrestrial conditions. <i>Mycorrhiza</i> , 2021, 31, 273-288.	1.3	3
1450	Polypore fungi as a flagship group to indicate changes in biodiversity – a test case from Estonia. <i>IMA Fungus</i> , 2021, 12, 2.	1.7	15
1451	Sampling forest soils to describe fungal diversity and composition. Which is the optimal sampling size in mediterranean pure and mixed pine oak forests?. <i>Fungal Biology</i> , 2021, 125, 469-476.	1.1	6
1452	Three independent evolutionary events of sequestrate <i>Lactifluus</i> species in Australasia. <i>Fungal Systematics and Evolution</i> , 2021, 8, 9-25.	0.9	0

#	ARTICLE	IF	CITATIONS
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1454	Insufficient sampling constrains our characterization of plant microbiomes. <i>Scientific Reports</i> , 2021, 11, 3645.	1.6	15
1455	Thermophilic waste air treatment of <i>n</i> -alkanes in a two-phase bubble column reactor: the effect of silicone oil addition. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1682-1690.	1.6	3
1456	The Ubiquity and Development-Related Abundance Dynamics of Ophiocordyceps Fungi in Soft Scale Insects. <i>Microorganisms</i> , 2021, 9, 404.	1.6	5
1457	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. <i>Quaternary</i> , 2021, 4, 6.	1.0	121
1458	Fungal Communities Are Important Determinants of Bacterial Community Composition in Deadwood. <i>MSystems</i> , 2021, 6, .	1.7	28
1459	High-throughput sequencing view on the magnitude of global fungal diversity. <i>Fungal Diversity</i> , 2022, 114, 539-547.	4.7	94
1460	Characterizing Ectomycorrhizal Fungal Community Structure and Function of Two Varieties of <i>Pinus clausa</i> That Differ in Disturbance History. <i>Forests</i> , 2021, 12, 219.	0.9	2
1461	Tree Species Richness and Neighborhood Effects on Ectomycorrhizal Fungal Richness and Community Structure in Boreal Forest. <i>Frontiers in Microbiology</i> , 2021, 12, 567961.	1.5	13
1462	Sheep nemabiome diversity and its response to anthelmintic treatment in Swedish sheep herds. <i>Parasites and Vectors</i> , 2021, 14, 114.	1.0	28
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1464	Identification and Metabolism of Naturally Prevailing Microorganisms in Zinc and Copper Mineral Processing. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 156.	0.8	10
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1466	High microbial diversity stabilizes the responses of soil organic carbon decomposition to warming in the subsoil on the Tibetan Plateau. <i>Global Change Biology</i> , 2021, 27, 2061-2075.	4.2	77
1467	Targeting the Active Rhizosphere Microbiome of <i>Trifolium pratense</i> in Grassland Evidences a Stronger-Than-Expected Belowground Biodiversity-Ecosystem Functioning Link. <i>Frontiers in Microbiology</i> , 2021, 12, 629169.	1.5	18
1468	Fungal Communities on Standing Litter Are Structured by Moisture Type and Constrain Decomposition in a Hyper-Arid Grassland. <i>Frontiers in Microbiology</i> , 2021, 12, 596517.	1.5	14
1469	Mycorrhizal Communities and Isotope Signatures in Two Partially Mycoheterotrophic Orchids. <i>Frontiers in Plant Science</i> , 2021, 12, 618140.	1.7	16
1470	The Larval Density of Mosquitos (Diptera: Culicidae) in Jiexiang County, Shandong Province, China: Influence of Bacterial Diversity, Richness, and Physicochemical Factors. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	4

#	ARTICLE	IF	CITATIONS
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1473	DNA Metabarcoding for the Characterization of Terrestrial Microbiota—Pitfalls and Solutions. <i>Microorganisms</i> , 2021, 9, 361.	1.6	42
1474	Soil depth matters: shift in composition and inter-kingdom co-occurrence patterns of microorganisms in forest soils. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	43
1475	Mechanistic strategies of microbial communities regulating lignocellulose deconstruction in a UK salt marsh. <i>Microbiome</i> , 2021, 9, 48.	4.9	35
1476	Dynamic characteristics and co-occurrence patterns of microbial community in tobacco leaves during the 24-month aging process. <i>Annals of Microbiology</i> , 2021, 71, .	1.1	17
1477	The Structure of Rhizosphere Fungal Communities of Wild and Domesticated Rice: Changes in Diversity and Co-occurrence Patterns. <i>Frontiers in Microbiology</i> , 2021, 12, 610823.	1.5	29
1478	Metabarcoding reveals southern hemisphere fungal endophytes within wood of cultivated Proteaceae in Portugal. <i>European Journal of Plant Pathology</i> , 2021, 160, 173-184.	0.8	7
1479	Analysis of the Gut Mycobiome in Adult Patients with Type 1 and Type 2 Diabetes Using Next-Generation Sequencing (NGS) with Increased Sensitivity—Pilot Study. <i>Nutrients</i> , 2021, 13, 1066.	1.7	16
1480	Microbial Community Composition Correlates with Metal Sorption in an Ombrotrophic Boreal Bog: Implications for Radionuclide Retention. <i>Soil Systems</i> , 2021, 5, 19.	1.0	7
1482	Effects of natural and experimental drought on soil fungi and biogeochemistry in an Amazon rain forest. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	21
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1485	Insect herbivory facilitates the establishment of an invasive plant pathogen. <i>ISME Communications</i> , 2021, 1, .	1.7	14
1486	Fungal community diversity and fermentation characteristics in regional varieties of traditional fermentation starters for Hong Qu glutinous rice wine. <i>Food Research International</i> , 2021, 141, 110146.	2.9	20
1488	Depression of the soil arbuscular mycorrhizal fungal community by the canopy gaps in a Japanese cedar (<i>Cryptomeria japonica</i>) plantation on Lushan Mountain, subtropical China. <i>PeerJ</i> , 2021, 9, e10905.	0.9	5
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1490	Chitin in Strawberry Cultivation: Foliar Growth and Defense Response Promotion, but Reduced Fruit Yield and Disease Resistance by Nutrient Imbalances. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 227-239.	1.4	19
1491	High Fungal Diversity but Low Seasonal Dynamics and Ectomycorrhizal Abundance in a Mountain Beech Forest. <i>Microbial Ecology</i> , 2021, 82, 243-256.	1.4	12

#	ARTICLE	IF	CITATIONS
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1493	Fungal Diversity and Community Assembly of Ectomycorrhizal Fungi Associated With Five Pine Species in Inner Mongolia, China. <i>Frontiers in Microbiology</i> , 2021, 12, 646821.	1.5	9
1494	Shifts in root and soil chemistry drive the assembly of belowground fungal communities in tropical land-use systems. <i>Soil Biology and Biochemistry</i> , 2021, 154, 108140.	4.2	22
1496	Environmental filtering affects fungal communities more than dispersal limitation in a high-elevation hyperarid basin on Qinghaiâ€“Tibet Plateau. <i>FEMS Microbiology Letters</i> , 2021, 368, .	0.7	6
1497	Tundra Type Drives Distinct Trajectories of Functional and Taxonomic Composition of Arctic Fungal Communities in Response to Climate Change â€“ Results From Long-Term Experimental Summer Warming and Increased Snow Depth. <i>Frontiers in Microbiology</i> , 2021, 12, 628746.	1.5	9
1498	Sareomycetes: more diverse than meets the eye. <i>IMA Fungus</i> , 2021, 12, 6.	1.7	8
1499	The airborne mycobiome and associations with mycotoxins and inflammatory markers in the Norwegian grain industry. <i>Scientific Reports</i> , 2021, 11, 9357.	1.6	4
1500	Ectomycorrhizal fungal communities associated with <i>Larix gemelinii</i> Rupr. in the Great Khingan Mountains, China. <i>PeerJ</i> , 2021, 9, e11230.	0.9	2
1501	Plant flavones enrich rhizosphere Oxalobacteraceae to improve maize performance under nitrogen deprivation. <i>Nature Plants</i> , 2021, 7, 481-499.	4.7	247
1502	Integrative microbiomics in bronchiectasis exacerbations. <i>Nature Medicine</i> , 2021, 27, 688-699.	15.2	105
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1504	Soil microbiome predictability increases with spatial and taxonomic scale. <i>Nature Ecology and Evolution</i> , 2021, 5, 747-756.	3.4	23
1505	DNA metabarcoding of forensic mycological samples. <i>Egyptian Journal of Forensic Sciences</i> , 2021, 11, .	0.4	0
1506	Mycobiomes of Young Beech Trees Are Distinguished by Organ Rather Than by Habitat, and Community Analyses Suggest Competitive Interactions Among Twig Fungi. <i>Frontiers in Microbiology</i> , 2021, 12, 646302.	1.5	6
1507	Contrasting Responses of Rhizosphere Bacterial, Fungal, Protist, and Nematode Communities to Nitrogen Fertilization and Crop Genotype in Field Grown Oilseed Rape (<i>Brassica napus</i>). <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	8
1508	Vectors of Dutch Elm Disease in Northern Europe. <i>Insects</i> , 2021, 12, 393.	1.0	9
1509	Microbiome-Assisted Breeding to Understand Cultivar-Dependent Assembly in <i>Cucurbita pepo</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 642027.	1.7	24
1510	Interactive impacts of boron and organic amendments in plant-soil microbial relationships. <i>Journal of Hazardous Materials</i> , 2021, 408, 124939.	6.5	19

#	ARTICLE	IF	CITATIONS
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1512	Soil fungal diversity and community assembly: affected by island size or type?. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	6
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1514	Gut microbiota profiles and characterization of cultivable fungal isolates in IBS patients. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3277-3288.	1.7	31
1515	Fungal diversity living in the root and sporophore of the endemic Korean fern <i>Mankyua chejuense</i> . <i>Fungal Ecology</i> , 2021, 50, 101038.	0.7	3
1516	Parasites, niche modification and the host microbiome: A field survey of multiple parasites. <i>Molecular Ecology</i> , 2021, 30, 2404-2416.	2.0	8
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1518	Isolation and Molecular Characterization of the Romaine Lettuce Phylloplane Mycobiome. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 277.	1.5	11
1519	Multiple distinct, scaleâ€dependent links between fungi and decomposition. <i>Ecology Letters</i> , 2021, 24, 1352-1362.	3.0	12
1520	Fungal succession in decomposing woody debris across a tropical forest disturbance gradient. <i>Soil Biology and Biochemistry</i> , 2021, 155, 108142.	4.2	13
1521	Soil Metabarcoding Offers a New Tool for the Investigation and Hunting of Truffles in Northern Thailand. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 293.	1.5	2
1522	Longitudinal analysis of sinus microbiota post endoscopic surgery in patients with cystic fibrosis and chronic rhinosinusitis: a pilot study. <i>Respiratory Research</i> , 2021, 22, 106.	1.4	7
1523	Analysis of Microbial Diversity and Community Structure of Peanut Pod and Its Surrounding Soil in Peanut Rot Epidemic Area. <i>Current Microbiology</i> , 2021, 78, 2173-2182.	1.0	4
1524	Fungal-Bacterial Cooccurrence Patterns Differ between Arbuscular Mycorrhizal Fungi and Nonmycorrhizal Fungi across Soil Niches. <i>MBio</i> , 2021, 12, .	1.8	31
1525	Comparative Evaluation of Microbiota Dynamics and Metabolites Correlation Between Spontaneous and Inoculated Fermentations of Nanfeng Tangerine Wine. <i>Frontiers in Microbiology</i> , 2021, 12, 649978.	1.5	13
1526	Plantation soil inoculation combined with straw checkerboard barriers enhances ectomycorrhizal colonization and subsequent growth of nursery grown <i>Pinus tabulaeformis</i> seedlings in a dryland. <i>Ecological Engineering</i> , 2021, 163, 106191.	1.6	10
1527	Tripartite symbioses regulate plantâ€soil feedback in alder. <i>Functional Ecology</i> , 2021, 35, 1353-1365.	1.7	4
1528	Soil fertility relates to fungalâ€mediated decomposition and organic matter turnover in a temperate mountain forest. <i>New Phytologist</i> , 2021, 231, 777-790.	3.5	31

#	ARTICLE	IF	CITATIONS
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1530	Two new records of powdery mildews (<i>Erysiphaceae</i>) from Japan: <i>Erysiphe actinidiicola</i> sp. nov. and <i>Erysiphe</i> sp. on <i>Limonium tetragonum</i> . <i>Mycoscience</i> , 2021, 62, 198-204.	0.3	2
1531	Compartmentalization of bacterial and fungal microbiomes in the gut of adult honeybees. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 42.	2.9	41
1532	Long-term impacts of organic and conventional farming on the soil microbiome in boreal arable soil. <i>European Journal of Soil Biology</i> , 2021, 104, 103314.	1.4	31
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1534	Mulching has negative impact on fungal and plant diversity in Slovak oligotrophic grasslands. <i>Basic and Applied Ecology</i> , 2021, 52, 24-37.	1.2	5
1535	Macroecological diversification and convergence in a clade of keystone symbionts. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	14
1536	Diet, habitat environment and lifestyle conversion affect the gut microbiomes of giant pandas. <i>Science of the Total Environment</i> , 2021, 770, 145316.	3.9	27
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1541	Kefir metabolites in a fly model for Alzheimer's disease. <i>Scientific Reports</i> , 2021, 11, 11262.	1.6	16
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1544	Modulation of the soil microbiome by long-term Ca-based soil amendments boosts soil organic carbon and physicochemical quality in a tropical no-till crop rotation system. <i>Soil Biology and Biochemistry</i> , 2021, 156, 108188.	4.2	41
1545	<i>Mycena citrinomarginata</i> is associated with roots of the perennial grass <i>Festuca roemerii</i> in Pacific Northwest prairies. <i>Mycologia</i> , 2021, 113, 693-702.	0.8	2
1546	Consistent patterns of fungal communities within ant-plants across a large geographic range strongly suggest a multipartite mutualism. <i>Mycological Progress</i> , 2021, 20, 681-699.	0.5	5

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1548	Preventive use of a topical anti-inflammatory glucocorticoid in atopic dogs without clinical sign of otitis does not affect ear canal microbiota and mycobiota. <i>Veterinary Dermatology</i> , 2021, 32, 355.	0.4	5
1549	Fungal diversity driven by bark features affects phorophyte preference in epiphytic orchids from southern China. <i>Scientific Reports</i> , 2021, 11, 11287.	1.6	13
1550	Host-generalist fungal pathogens of seedlings may maintain forest diversity via host-specific impacts and differential susceptibility among tree species. <i>New Phytologist</i> , 2021, 231, 460-474.	3.5	14
1551	Pulse Frequency in Crop Rotations Alters Soil Microbial Community Networks and the Relative Abundance of Fungal Plant Pathogens. <i>Frontiers in Microbiology</i> , 2021, 12, 667394.	1.5	8
1552	Evolving the core microbial community in pit mud based on bioturbation of fortified <i>Daqu</i> . <i>Canadian Journal of Microbiology</i> , 2021, 67, 396-405.	0.8	10
1553	Bacterial diversity patterns differ in different patch types of mixed forests in the upstream area of the Yangtze River Basin. <i>Applied Soil Ecology</i> , 2021, 161, 103868.	2.1	8
1554	A group of ectomycorrhizal fungi restricts organic matter accumulation in boreal forest. <i>Ecology Letters</i> , 2021, 24, 1341-1351.	3.0	74
1555	Different Urban Forest Tree Species Affect the Assembly of the Soil Bacterial and Fungal Community. <i>Microbial Ecology</i> , 2022, 83, 447-458.	1.4	13
1556	Mixing of biochar, vinegar and mushroom residues regulates soil microbial community and increases cucumber yield under continuous cropping regime. <i>Applied Soil Ecology</i> , 2021, 161, 103883.	2.1	27
1557	Influence of Peanut, Sorghum, and Soil Salinity on Microbial Community Composition in Interspecific Interaction Zone. <i>Frontiers in Microbiology</i> , 2021, 12, 678250.	1.5	30
1558	Root rot-infected Sanqi ginseng rhizosphere harbors dynamically pathogenic microbiotas driven by the shift of phenolic acids. <i>Plant and Soil</i> , 2021, 465, 385-402.	1.8	19
1559	Taxonomic, phylogenetic and functional diversity of root-associated fungi in bromeliads: effects of host identity, life forms and nutritional modes. <i>New Phytologist</i> , 2021, 231, 1195-1209.	3.5	13
1560	Yeast communities associated with ectomycorrhizal fungi in different <i>Nothofagus</i> forests of northwestern Patagonia. <i>Symbiosis</i> , 2021, 84, 179-193.	1.2	7
1561	Plant Age Influences Microbiome Communities More Than Plant Compartment in Greenhouse-Grown Creeping Bentgrass. <i>Phytobiomes Journal</i> , 2021, 5, 373-381.	1.4	7
1562	Drivers and implications of distance decay differ for ectomycorrhizal and foliar endophytic fungi across an anciently fragmented landscape. <i>ISME Journal</i> , 2021, 15, 3437-3454.	4.4	26
1563	Implications of Climate Change: How Does Increased Water Temperature Influence Biofilm and Water Quality of Chlorinated Drinking Water Distribution Systems?. <i>Frontiers in Microbiology</i> , 2021, 12, 658927.	1.5	20
1564	Effects of the Denitrification Inhibitor <i>Procyanidins</i> on the Diversity, Interactions, and Potential Functions of Rhizosphere-Associated Microbiome. <i>Microorganisms</i> , 2021, 9, 1406.	1.6	4

#	ARTICLE	IF	CITATIONS
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1566	Palmitic acid mediated change of rhizosphere and alleviation of Fusarium wilt disease in watermelon. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3616-3623.	1.8	17
1568	Why Plants Harbor Complex Endophytic Fungal Communities: Insights From Perennial Bunchgrass <i>Stipagrostis sabulicola</i> in the Namib Sand Sea. <i>Frontiers in Microbiology</i> , 2021, 12, 691584.	1.5	6
1570	Soil fungal community affected by regional climate played an important role in the decomposition of organic compost. <i>Environmental Research</i> , 2021, 197, 111076.	3.7	11
1571	Above- and belowground biodiversity drives soil multifunctionality along a long-term grassland restoration chronosequence. <i>Science of the Total Environment</i> , 2021, 772, 145010.	3.9	40
1572	Assembly processes lead to divergent soil fungal communities within and among 12 forest ecosystems along a latitudinal gradient. <i>New Phytologist</i> , 2021, 231, 1183-1194.	3.5	20
1573	Life on the Rocks: First Insights Into the Microbiota of the Threatened Aquatic Rheophyte <i>Hanseniella heterophylla</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 634960.	1.7	3
1574	Soil fungal communities of ectomycorrhizal dominated woodlands across West Africa. <i>MycKeys</i> , 2021, 81, 45-68.	0.8	7
1575	Soil fungal communities are compositionally resistant to drought manipulations – Evidence from culture-dependent and culture-independent analyses. <i>Fungal Ecology</i> , 2021, 51, 101062.	0.7	3
1576	Tissue Type: A Crucial Factor Influencing the Fungal Diversity and Communities in Sichuan Pork Bacon. <i>Frontiers in Microbiology</i> , 2021, 12, 655500.	1.5	5
1577	Effects of soil water regime and nitrogen addition on ectomycorrhizal community structure of <i>Picea asperata</i> seedlings. <i>Journal of Plant Nutrition and Soil Science</i> , 2021, 184, 415-429.	1.1	3
1578	Use of High-Throughput Sequencing to Identify Fungal Communities on the Surface of <i>Citri Reticulatae</i> Pericarpium During the 3-Year Aging Process. <i>Current Microbiology</i> , 2021, 78, 3142-3151.	1.0	12
1579	Tree species composition and nutrient availability affect soil microbial diversity and composition across forest types in subtropical China. <i>Catena</i> , 2021, 201, 105224.	2.2	14
1580	Application of manure from cattle administered antibiotics has sustained multi-year impacts on soil resistome and microbial community structure. <i>Soil Biology and Biochemistry</i> , 2021, 157, 108252.	4.2	39
1581	Climate warming dominates over plant genotype in shaping the seasonal trajectory of foliar fungal communities on oak. <i>New Phytologist</i> , 2021, 231, 1770-1783.	3.5	31
1582	Probiotic Effects of <i>Lactobacillus fermentum</i> ZJUIDS06 and <i>Lactobacillus plantarum</i> ZY08 on Hypercholesteremic Golden Hamsters. <i>Frontiers in Nutrition</i> , 2021, 8, 705763.	1.6	26
1584	Seasonal dynamics of mycoplankton in the Yellow Sea reflect the combined effect of riverine inputs and hydrographic conditions. <i>Molecular Ecology</i> , 2021, 30, 3624-3637.	2.0	11
1585	Endophytes isolated from <i>Panax notoginseng</i> converted ginsenosides. <i>Microbial Biotechnology</i> , 2021, 14, 1730-1746.	2.0	26

#	ARTICLE	IF	CITATIONS
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1587	Impact of gut fungal and bacterial communities on the outcome of allogeneic hematopoietic cell transplantation. <i>Mucosal Immunology</i> , 2021, 14, 1127-1132.	2.7	9
1588	Assessing the relationship between the rumen microbiota and feed efficiency in Nellore steers. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 79.	2.1	37
1589	Combined progress in symptoms caused by <i>Hymenoscyphus fraxineus</i> and <i>Armillaria</i> species, and corresponding mortality in young and old ash trees. <i>Forest Ecology and Management</i> , 2021, 491, 119177.	1.4	12
1590	Characterization of Spacesuit Associated Microbial Communities and Their Implications for NASA Missions. <i>Frontiers in Microbiology</i> , 2021, 12, 608478.	1.5	5
1591	Heavy metal pollution in urban river sediment of different urban functional areas and its influence on microbial community structure. <i>Science of the Total Environment</i> , 2021, 778, 146383.	3.9	59
1592	Chemical composition controls the decomposition of organic amendments and influences the microbial community structure in agricultural soils. <i>Carbon Management</i> , 2021, 12, 359-376.	1.2	10
1593	Organic Amendments Alter Soil Hydrology and Belowground Microbiome of Tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	1.6	8
1594	Characterization of fungal microbial diversity in healthy and diarrheal Tibetan piglets. <i>BMC Microbiology</i> , 2021, 21, 204.	1.3	8
1595	Assessment of seawater bacterial infection in rabbit tibia by Illumina MiSeq sequencing and bacterial culture. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 463.	0.9	0
1596	Manganese uptake by red maples in response to mineral dissolution rates in soil. <i>Biogeochemistry</i> , 2021, 155, 147-168.	1.7	1
1597	Warming intensifies soil pathogen negative feedback on a temperate tree. <i>New Phytologist</i> , 2021, 231, 2297-2307.	3.5	13
1598	Short-term warming increases root-associated fungal community dissimilarities among host plant species on the Qinghai-Tibetan Plateau. <i>Plant and Soil</i> , 2021, 466, 597-611.	1.8	12
1599	Salamander loss alters litter decomposition dynamics. <i>Science of the Total Environment</i> , 2021, 776, 145994.	3.9	6
1600	Fungal Endophytic Community and Diversity Associated with Desert Shrubs Driven by Plant Identity and Organ Differentiation in Extremely Arid Desert Ecosystem. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 578.	1.5	26
1601	Deciphering <i>Trifolium pratense</i> L. holobiont reveals a microbiome resilient to future climate changes. <i>MicrobiologyOpen</i> , 2021, 10, e1217.	1.2	6
1602	AMF colonization and community of a temperate invader and co-occurring natives grown under different CO ₂ concentrations for 3 years. <i>Journal of Plant Ecology</i> , 2022, 15, 437-449.	1.2	5
1603	Bacterial community in gut, shell sediment, and surrounding water of <i>Hyriopsis cumingii</i> fed three different microalgal diets. <i>Aquaculture</i> , 2021, 540, 736701.	1.7	6

#	ARTICLE	IF	CITATIONS
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1606	Boreal soil microbial diversity and seed onion mycorrhizal colonization is unaffected by preceding one season crop cultivation. <i>European Journal of Soil Biology</i> , 2021, 105, 103335.	1.4	2
1607	Consecutive soybean (<i>Glycine max</i>) planting and covering improve acidified tea garden soil. <i>PLoS ONE</i> , 2021, 16, e0254502.	1.1	2
1608	The Response of Soil Nutrients and Microbial Community Structures in Long-Term Tea Plantations and Diverse Agroforestry Intercropping Systems. <i>Sustainability</i> , 2021, 13, 7799.	1.6	14
1609	Genomic characterization of three marine fungi, including <i>Emericellopsis atlantica</i> sp. nov. with signatures of a generalist lifestyle and marine biomass degradation. <i>IMA Fungus</i> , 2021, 12, 21.	1.7	23
1610	The microbial population structure and function of peanut and their effects on aflatoxin contamination. <i>LWT - Food Science and Technology</i> , 2021, 148, 111285.	2.5	4
1611	Effects of Microbial Consortia, Applied as Fertilizer Coating, on Soil and Rhizosphere Microbial Communities and Potato Yield. <i>Frontiers in Agronomy</i> , 2021, 3, .	1.5	8
1612	FROGS: a powerful tool to analyse the diversity of fungi with special management of internal transcribed spacers. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	19
1613	Associations between species-level indoor microbiome, environmental characteristics, and asthma in junior high schools of Terengganu, Malaysia. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 1043-1055.	1.5	7
1614	Current Insight into Culture-Dependent and Culture-Independent Methods in Discovering Ascomycetous Taxa. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 703.	1.5	12
1615	Partial overlap of fungal communities associated with nettle and poplar roots when co-occurring at a trace metal contaminated site. <i>Science of the Total Environment</i> , 2021, 782, 146692.	3.9	17
1616	The "black box" of plant demography: how do seed type, climate and seed fungal communities affect grass seed germination?. <i>New Phytologist</i> , 2021, 231, 2319-2332.	3.5	6
1617	Intermittent Water Supply Impacts on Distribution System Biofilms and Water Quality. <i>Water Research</i> , 2021, 201, 117372.	5.3	23
1618	Site-Dependent Relationships Between Fungal Community Composition, Plant Genotypic Diversity and Environmental Drivers in a <i>Salix</i> Biomass System. <i>Frontiers in Fungal Biology</i> , 2021, 2, .	0.9	1
1619	Transcriptome and 16S rRNA analyses revealed differences in the responses of largemouth bass (<i>Micropterus salmoides</i>) to early <i>Aeromonas hydrophila</i> infection and immunization. <i>Aquaculture</i> , 2021, 541, 736759.	1.7	23
1620	Increasing relative abundance of non-cyanobacterial photosynthetic organisms drives ecosystem multifunctionality during the succession of biological soil crusts. <i>Geoderma</i> , 2021, 395, 115052.	2.3	12
1621	Local Plants, Not Soils, Are the Primary Source of Foliar Fungal Community Assembly in a C4 Grass. <i>Microbial Ecology</i> , 2022, 84, 122-130.	1.4	4
1622	Differential response of soil microbial and animal communities along the chronosequence of <i>Cunninghamia lanceolata</i> at different soil depth levels in subtropical forest ecosystem. <i>Journal of Advanced Research</i> , 2021, 38, 41-54.	4.4	11

#	ARTICLE	IF	CITATIONS
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1624	Reindeer grazing history determines the responses of subarctic soil fungal communities to warming and fertilization. <i>New Phytologist</i> , 2021, 232, 788-801.	3.5	9
1625	The fungal community outperforms the bacterial community in predicting plant health status. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 6499-6513.	1.7	18
1626	Investigating the effects of nitrogen deposition and substrates on the microbiome and mycobiome of the millipede <i>Cherokia georgiana georgiana</i> (Diplopoda: Polydesmida). <i>Soil Biology and Biochemistry</i> , 2021, 159, 108285.	4.2	4
1627	High time-resolved characterization of airborne microbial community during a typical haze pollution process. <i>Journal of Hazardous Materials</i> , 2021, 415, 125722.	6.5	14
1628	Enlightening the black and white: species delimitation and UNITE species hypothesis testing in the <i>Russula albonigra</i> species complex. <i>IMA Fungus</i> , 2021, 12, 20.	1.7	7
1629	Insights into the Role of the Fungal Community in Variations of the Antibiotic Resistome in the Soil Collembolan Gut Microbiome. <i>Environmental Science & Technology</i> , 2021, 55, 11784-11794.	4.6	15
1630	Manipulation of the soil microbiome regulates the colonization of plants by arbuscular mycorrhizal fungi. <i>Mycorrhiza</i> , 2021, 31, 545-558.	1.3	6
1631	Warming drives a "hummockification" of microbial communities associated with decomposing mycorrhizal fungal necromass in peatlands. <i>New Phytologist</i> , 2022, 234, 2032-2043.	3.5	11
1633	Variations in the Community Structure of Fungal Microbiota Associated with Apple Fruit Shaped by Fruit Bagging-Based Practice. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 764.	1.5	4
1634	Urban remnant size alters fungal functional groups dispersed by a digging mammal. <i>Biodiversity and Conservation</i> , 2021, 30, 3983-4003.	1.2	7
1635	Evaluation of the preventive effect of phage cocktails on turbot ascites and its influence on main physiological indicators. <i>Aquaculture</i> , 2022, 547, 737539.	1.7	4
1636	The ecology of the plastisphere: Microbial composition, function, assembly, and network in the freshwater and seawater ecosystems. <i>Water Research</i> , 2021, 202, 117428.	5.3	116
1637	The short-term impacts of soil disturbance on soil microbial community in a degraded <i>Leymus chinensis</i> steppe, North China. <i>Soil and Tillage Research</i> , 2021, 213, 105112.	2.6	5
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1651	Analysis of microbial populations in plastic-soil systems after exposure to high poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock Europe, 2021, 33, .	2.6	21
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1770	ITSxpress: Software to rapidly trim internally transcribed spacer sequences with quality scores for marker gene analysis. <i>F1000Research</i> , 2018, 7, 1418.	0.8	155
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1801	Top 50 most wanted fungi. <i>MycKeys</i> , 0, 12, 29-40.	0.8	72
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1803	High habitat-specificity in fungal communities in oligo-mesotrophic, temperate Lake Stechlin (North-East Germany). <i>MycKeys</i> , 0, 16, 17-44.	0.8	68
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1806	Read quality-based trimming of the distal ends of public fungal DNA sequences is nowhere near satisfactory. <i>MycKeys</i> , 0, 26, 13-24.	0.8	10
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1811	PacBio amplicon sequencing for metabarcoding of mixed DNA samples from lichen herbarium specimens. <i>MycKeys</i> , 2019, 53, 73-91.	0.8	17
1812	Extensive sampling and high-throughput sequencing reveal <i>Posidoniomyces atricolor</i> gen. et sp. nov. (Aigialaceae, Pleosporales) as the dominant root mycobiont of the dominant Mediterranean seagrass <i>Posidonia oceanica</i> . <i>MycKeys</i> , 2019, 55, 59-86.	0.8	34
1813	Behind the veil – exploring the diversity in <i>Phallus indusiatus</i> s.l. (Phallomycetidae, Basidiomycota). <i>MycKeys</i> , 2019, 58, 103-127.	0.8	13
1814	Diversity and community of culturable endophytic fungi from stems and roots of desert halophytes in northwest China. <i>MycKeys</i> , 2020, 62, 75-95.	0.8	30
1815	Phylogeography of post-Pleistocene population expansion in <i>Dasyscyphella longistipitata</i> (Leotiomycetes, Helotiales), an endemic fungal symbiont of <i>Fagus crenata</i> in Japan. <i>MycKeys</i> , 2020, 65, 1-24.	0.8	3
1816	A global meta-analysis of ITS rDNA sequences from material belonging to the genus <i>Ganoderma</i> (Basidiomycota, Polyporales) including new data from selected taxa. <i>MycKeys</i> , 2020, 75, 71-143.	0.8	27

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1819	Biofilm feeding: Microbial colonization of food promotes the growth of a detritivorous arthropod. <i>ZooKeys</i> , 2016, 577, 25-41.	0.5	23
1820	On natural history collections, digitized and not: a response to Ferro and Flick. <i>ZooKeys</i> , 0, 618, 145-158.	0.5	19
1821	Identification of Fungal Community in Citrus Rhizosphere by ITS Gene Sequencing. <i>Biotechnology</i> , 2017, 16, 85-91.	0.5	3
1822	Investigation into the fungal diversity within different regions of the gastrointestinal tract of <i>Panaque nigrolineatus</i> , a wood-eating fish. <i>AIMS Microbiology</i> , 2017, 3, 749-761.	1.0	14
1823	CO ₂ and carbonate as substrate for the activation of the microbial community in 180 m deep bedrock fracture fluid of Outokumpu Deep Drill Hole, Finland. <i>AIMS Microbiology</i> , 2017, 3, 846-871.	1.0	11
1824	Interactions between ectomycorrhizal fungi and chestnut blight (<i>Cryphonectria</i>) restoration. <i>AIMS Microbiology</i> , 2018, 4, 104-122.	1.0	6
1825	Assessment of Microbiological Indoor Air Quality in Cattle Breeding Farms. <i>Aerosol and Air Quality Research</i> , 2020, 20, 1353-1373.	0.9	9
1827	Comparison of Microbial Community of Rhizosphere and Endosphere in Kiwifruit. <i>Plant Pathology Journal</i> , 2019, 35, 705-711.	0.7	8
1829	Foliar fungal communities strongly differ between habitat patches in a landscape mosaic. <i>PeerJ</i> , 2016, 4, e2656.	0.9	33
1830	Genomic insight into pathogenicity of dematiaceous fungus <i>Corynespora cassicola</i> . <i>PeerJ</i> , 2017, 5, e2841.	0.9	37
1831	Uncovering unseen fungal diversity from plant DNA banks. <i>PeerJ</i> , 2017, 5, e3730.	0.9	16
1832	Foliar microbiome transplants confer disease resistance in a critically-endangered plant. <i>PeerJ</i> , 2017, 5, e4020.	0.9	49
1833	Accuracy of taxonomy prediction for 16S rRNA and fungal ITS sequences. <i>PeerJ</i> , 2018, 6, e4652.	0.9	223
1834	Variable retention harvesting influences belowground plant-fungal interactions of <i>Nothofagus pumilio</i> seedlings in forests of southern Patagonia. <i>PeerJ</i> , 2018, 6, e5008.	0.9	9
1835	Experimental and molecular approximation to microbial niche: trophic interactions between oribatid mites and microfungi in an oligotrophic freshwater system. <i>PeerJ</i> , 2018, 6, e5200.	0.9	3
1836	Trends in bacterial and fungal communities in ant nests observed with Terminal-Restriction Fragment Length Polymorphism (T-RFLP) and Next Generation Sequencing (NGS) techniques—validity and compatibility in ecological studies. <i>PeerJ</i> , 2018, 6, e5289.	0.9	22

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1838	Different revegetation types alter soil physical-chemical characteristics and fungal community in the Baishilazi Nature Reserve. PeerJ, 2019, 6, e6251.	0.9	27
1839	Missing checkerboards? An absence of competitive signal in <i>Alnus</i> -associated ectomycorrhizal fungal communities. PeerJ, 2014, 2, e686.	0.9	14
1840	Soil bacterial and fungal communities of six bahiagrass cultivars. PeerJ, 2019, 7, e7014.	0.9	10
1841	Comparison of soil bacterial community and functional characteristics following afforestation in the semi-arid areas. PeerJ, 2019, 7, e7141.	0.9	33
1842	A highly diverse fungal community associated with leaves of the mangrove plant <i>Acanthus ilicifolius</i> var. <i>xiamenensis</i> revealed by isolation and metabarcoding analyses. PeerJ, 2019, 7, e7293.	0.9	32
1843	The Global Museum: natural history collections and the future of evolutionary science and public education. PeerJ, 2020, 8, e8225.	0.9	81
1844	Comparison of the performance of ITS1 and ITS2 as barcodes in amplicon-based sequencing of bioaerosols. PeerJ, 2020, 8, e8523.	0.9	54
1845	Double lives: transfer of fungal endophytes from leaves to woody substrates. PeerJ, 2020, 8, e9341.	0.9	27
1846	Lactarius Subg. Lactarius (Russulaceae) in Indian Himalaya: Two New Species with Morphology and Phylogenetic Inferences. Cryptogamie, Mycologie, 2018, 39, 467.	0.2	2
1847	Effects of Reducing Nitrogen Fertilizer and Improving Organic Fertilizer on Crop Yield, Soil Quality and Microbial Community in Five Years Wheat-Rice Rotation Field. Journal of Biobased Materials and Bioenergy, 2021, 15, 449-458.	0.1	2
1848	Molecular Screening of Microorganisms Associated with Discolored Wood in Dead European Beech Trees Suffered from Extreme Drought Event Using Next Generation Sequencing. Plants, 2021, 10, 2092.	1.6	5
1849	Vertical stratification of microbial communities in woody plants. Phytobiomes Journal, 0, , .	1.4	6
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1851	Distinct Responses of Rare and Abundant Microbial Taxa to <i>In Situ</i> Chemical Stabilization of Cadmium-Contaminated Soil. MSystems, 2021, 6, e0104021.	1.7	43
1852	A Snapshot Picture of the Fungal Composition of Bee Bread in Four Locations in Bulgaria, Differing in Anthropogenic Influence. Journal of Fungi (Basel, Switzerland), 2021, 7, 845.	1.5	2
1853	Effects of revegetation on the composition and diversity of bacterial and fungal communities of sandification land soil, in Southern China. Environmental Monitoring and Assessment, 2021, 193, 706.	1.3	5
1854	The Effect of Surrounding Vegetation on the Mycorrhizal Fungal Communities of the Temperate Tree <i>Crataegus monogyna</i> Jacq.. Frontiers in Fungal Biology, 2021, 2, .	0.9	2

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1856	Foliar Fungal Endophytes in a Tree Diversity Experiment Are Driven by the Identity but Not the Diversity of Tree Species. <i>Life</i> , 2021, 11, 1081.	1.1	6
1858	Sheltering Role of Well-Decayed Conifer Logs for Forest Floor Fungi in Long-Term Polluted Boreal Forests. <i>Frontiers in Microbiology</i> , 2021, 12, 729244.	1.5	5
1859	Comparative analysis of gut bacterial community composition during a single day cycle in Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Aquaculture Reports</i> , 2021, 21, 100907.	0.7	10
1860	Effect of <i>Aspergillus niger</i> NBC001 on the soybean rhizosphere microbial community in a soybean cyst nematode-infested field. <i>Journal of Integrative Agriculture</i> , 2021, 20, 3230-3239.	1.7	9
1861	Unique functional responses of fungal communities to various environments in the mangroves of the Maowei Sea in Guangxi, China. <i>Marine Pollution Bulletin</i> , 2021, 173, 113091.	2.3	6
1862	Colonization of decomposing Sphagnum moss litter by mycorrhizal roots in two types of peatland ecosystems. <i>Acta Universitatis Lodzianis Folia Biologica Et Oecologica</i> , 0, 10, 113-121.	1.0	0
1868	Yeasts. , 0, , 343-365.		0
1869	Bioinformatics for Studying Environmental Microorganisms. , 2016, , 263-282.		0
1870	The influence of flint stones on a soil microbial community in the northern Negev Desert. <i>AIMS Microbiology</i> , 2017, 3, 580-595.	1.0	2
1873	Balsamia (Sequestrate Helvellaceae, Ascomycota) in western North America. <i>Fungal Systematics and Evolution</i> , 2018, 2, 11-36.	0.9	1
1876	Variation of Prokaryotic and Fungal Soil Communities across a Vegetative Transect. <i>Agricultural Research & Technology: Open Access Journal</i> , 2018, 15, .	0.1	1
1882	Microbiota and Chemical Compounds in Fermented <i>Pinelliae Rhizoma</i> (Banxiaqu) from Different Areas in the Sichuan Province, China. <i>Polish Journal of Microbiology</i> , 2019, 68, 83-92.	0.6	2
1883	Molecular Genetic Methods in Microbiological Control of Food Products. <i>Food Processing: Techniques and Technology</i> , 2019, 48, 87-113.	0.3	0
1884	Ectomycorrhizae of Norway spruce from its southernmost natural distribution range in Serbia. <i>IForest</i> , 2019, 12, 43-50.	0.5	1
1891	Direct PCR detection, cloning, and characterization of fungi communities in soils and compost. <i>Bios</i> , 2019, 90, 87.	0.0	0
1894	Effects of Tillage on Organic Matters and Microbial Communities in Organically Cultivated Corn Field Soils. <i>Korean Journal of Environmental Agriculture</i> , 2020, 39, 65-74.	0.0	1
1897	Floral Trait and Mycorrhizal Similarity between an Endangered Orchid and Its Natural Hybrid. <i>Diversity</i> , 2021, 13, 550.	0.7	5

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1899	The endophytome (plant-associated microbiome): methodological approaches, biological aspects, and biotech applications. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 206.	1.7	7
1900	Discovering the role of Patagonian birds in the dispersal of truffles and other mycorrhizal fungi. <i>Current Biology</i> , 2021, 31, 5558-5570.e3.	1.8	25
1901	Structure and diversity of fungal communities in long-term copper-contaminated agricultural soil. <i>Science of the Total Environment</i> , 2022, 806, 151302.	3.9	20
1902	Degradation characteristics and soil remediation of thifensulfuron-methyl by immobilized <i>Serratia marcescens</i> N80 beads. <i>Environmental Technology and Innovation</i> , 2021, 24, 102059.	3.0	14
1903	Anthropological impacts determine the soil fungal distribution of Mediterranean oak stands. <i>Ecological Indicators</i> , 2021, 132, 108343.	2.6	6
1904	DNA Barcoding for Species Identification in Genetically Engineered Fungi. <i>Fungal Biology</i> , 2020, , 371-396.	0.3	0
1907	Rock Surface Fungi in Deep Continental Biosphere—Exploration of Microbial Community Formation with Subsurface In Situ Biofilm Trap. <i>Microorganisms</i> , 2021, 9, 64.	1.6	11
1908	Microbial community composition in the rhizosphere of <i>Larix decidua</i> under different light regimes with additional focus on methane cycling microorganisms. <i>Scientific Reports</i> , 2020, 10, 22324.	1.6	20
1909	The volatile profiles and microbiota structures of the wheat Qus used as traditional fermentation starters of Chinese rice wine from Shaoxing region. <i>LWT - Food Science and Technology</i> , 2022, 154, 112649.	2.5	10
1910	Diverse compost products influence soil bacterial and fungal community diversity in a potato crop production system. <i>Applied Soil Ecology</i> , 2022, 169, 104247.	2.1	9
1911	Soil characteristics and microbial community structure on along elevation gradient in a <i>Pinus armandii</i> forest of the Qinling Mountains, China. <i>Forest Ecology and Management</i> , 2022, 503, 119793.	1.4	7
1912	Response of soil chemical properties, enzyme activities and microbial communities to biochar application and climate change in a Mediterranean agroecosystem. <i>Geoderma</i> , 2022, 407, 115536.	2.3	17
1913	Nitrapyrin-based nitrification inhibitors shaped the soil microbial community via controls on soil pH and inorganic N composition. <i>Applied Soil Ecology</i> , 2022, 170, 104295.	2.1	11
1914	Long-term management drives divergence in soil microbial biomass, richness, and composition among upper Midwest, USA cropping systems. <i>Agriculture, Ecosystems and Environment</i> , 2022, 325, 107718.	2.5	9
1915	Characterizing Relationship of Microbial Community in <i>Xiaoqu</i> and Volatiles of Light-aroma-type <i>Xiaoqu</i> Baijiu. <i>Food Science and Technology Research</i> , 2020, 26, 749-758.	0.3	7
1917	Modifications of Community Structure in Ectomycorrhizal Arctic Fungi as a Consequence of Global Warming. , 2020, , 451-472.		0
1919	DNA Barcoding in Forensic Mycology: Concepts, Limitations, and Future Prospects. , 2020, , 431-448.		1

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1925	The effects of ozone treatments on the agro-physiological parameters of tomato plants and the soil microbial community. <i>Science of the Total Environment</i> , 2022, 812, 151429.	3.9	17
1927	Vegetation drives the structure of active microbial communities on an acidogenic mine tailings deposit. <i>PeerJ</i> , 2020, 8, e10109.	0.9	16
1929	Soil fungal networks are more sensitive to grazing exclusion than bacterial networks. <i>PeerJ</i> , 2020, 8, e9986.	0.9	10
1930	WHITE MULBERRY (<i>MORUS ALBA</i> L.) FRUIT-ASSOCIATED BACTERIAL AND FUNGAL MICROBIOTA. <i>Journal of Environmental Engineering and Landscape Management</i> , 2020, 28, 183-191.	0.4	1
1931	New Nodule Type Found in the Lungs of , an Intermediate Host of. <i>Iranian Journal of Parasitology</i> , 2018, 13, 362-368.	0.6	3
1932	Tracking bacterial DNA patterns in septic progression using 16s rRNA gene amplicon sequencing analysis. <i>International Journal of Clinical and Experimental Pathology</i> , 2021, 14, 753-767.	0.5	0
1934	<i>Polyozellus</i> vs. <i>Pseudotomentella</i> : generic delimitation with a multi-gene dataset. <i>Fungal Systematics and Evolution</i> , 2021, 8, 143-154.	0.9	0
1935	Disentangling the effects of nitrogen availability and soil acidification on microbial taxa and soil carbon dynamics in natural grasslands. <i>Soil Biology and Biochemistry</i> , 2022, 164, 108495.	4.2	26
1936	Sex-specific interactions shape root phenolics and rhizosphere microbial communities in <i>Populus cathayana</i> . <i>Forest Ecology and Management</i> , 2022, 504, 119857.	1.4	16
1937	Biological nitrification inhibitor co-application with urease inhibitor or biochar yield different synergistic interaction effects on NH ₃ volatilization, N leaching, and N use efficiency in a calcareous soil under rice cropping. <i>Environmental Pollution</i> , 2022, 293, 118499.	3.7	27
1938	Effect of high soil C/N ratio and nitrogen limitation caused by the long-term combined organic-inorganic fertilization on the soil microbial community structure and its dominated SOC decomposition. <i>Journal of Environmental Management</i> , 2022, 303, 114155.	3.8	39
1939	Host phylogeny is the primary determinant of ectomycorrhizal fungal community composition in the permafrost ecosystem of eastern Siberia at a regional scale. <i>Fungal Ecology</i> , 2022, 55, 101117.	0.7	5
1940	Deciphering the <i>Fusarium</i> -wilt control effect and succession driver of microbial communities managed under low-temperature conditions. <i>Applied Soil Ecology</i> , 2022, 171, 104334.	2.1	8
1941	Geographical and cultivar features influence the epiphytic microbiota associated with mango. <i>Acta Horticulturae</i> , 2021, , 293-308.	0.1	0
1942	Exploration of microbial communities associated with fruitlet core rot (FCR) disease in "Queen"™ pineapple from Reunion Island. <i>Acta Horticulturae</i> , 2021, , 285-292.	0.1	0
1943	Endophytism and endolichenism in Pezizomycetes: the exception or the rule?. <i>New Phytologist</i> , 2022, 233, 1974-1983.	3.5	11
1944	Effect of P availability on straw-induced priming effect was mainly regulated by fungi in croplands. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 9403-9418.	1.7	8

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1946	Decay by ectomycorrhizal fungi couples soil organic matter to nitrogen availability. <i>Ecology Letters</i> , 2022, 25, 391-404.	3.0	32
1947	Watershed and fire severity are stronger determinants of soil chemistry and microbiomes than within-watershed woody encroachment in a tallgrass prairie system. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	5
1948	Methane Generation from Anthracite by Fungi and Methanogen Mixed Flora Enriched from Produced Water Associated with the Qinshui Basin in China. <i>ACS Omega</i> , 2021, 6, 31935-31944.	1.6	4
1949	Microbial inoculants and garbage fermentation liquid reduced root-knot nematode disease and As uptake in <i>Panax quinquefolium</i> cultivation by modulating rhizosphere microbiota community. <i>Chinese Herbal Medicines</i> , 2022, 14, 58-69.	1.2	9
1950	Secondary metabolites and nutrients explain fungal community composition in aspen wood. <i>Fungal Ecology</i> , 2021, , 101115.	0.7	3
1951	Differences Between Microbial Communities of <i>Pinus</i> Species Having Differing Level of Resistance to the Pine Wood Nematode. <i>Microbial Ecology</i> , 2022, 84, 1245-1255.	1.4	5
1952	Analysis of Community Composition of Bacterioplankton in Changle Seawater in China by Illumina Sequencing Combined with Bacteria Culture. <i>Orthopaedic Surgery</i> , 2021, 14, 139.	0.7	0
1953	The Compositional Turnover of Grapevine-Associated Plant Pathogenic Fungal Communities Is Greater Among Intraindividual Microhabitats and <i>Terroirs</i> than Among Healthy and Esca-Diseased Plants. <i>Phytopathology</i> , 2022, 112, 1029-1035.	1.1	8
1954	Root traits and soil microorganisms as drivers of plant-soil feedbacks within the subarctic tundra meadow. <i>Journal of Ecology</i> , 2022, 110, 466-478.	1.9	8
1956	Abiotic factors are more important than land management and biotic interactions in shaping vascular plant and soil fungal communities. <i>Global Ecology and Conservation</i> , 2022, 33, e01960.	1.0	4
1957	Natural forest chronosequence maintains better soil fertility indicators and assemblage of total belowground soil biota than Chinese fir monoculture in subtropical ecosystem. <i>Journal of Cleaner Production</i> , 2022, 334, 130228.	4.6	11
1958	Pine species determine fungal microbiome composition in a common garden experiment. <i>Fungal Ecology</i> , 2022, 56, 101137.	0.7	12
1959	Development of a consortium-based microbial agent beneficial to composting of distilled grain waste for <i>Pleurotus ostreatus</i> cultivation. <i>Biotechnology for Biofuels</i> , 2021, 14, 242.	6.2	7
1960	Plant diversity and soil properties regulate the microbial community of monsoon evergreen broad-leaved forest under different intensities of woodland use. <i>Science of the Total Environment</i> , 2022, 821, 153565.	3.9	21
1961	Apple microbial communities and differences between two main Chinese producing regions. <i>Food Quality and Safety</i> , 2022, 6, .	0.6	7
1962	Dietary Effects on Biological Parameters and Gut Microbiota of <i>Harmonia axyridis</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 818787.	1.5	6
1963	Variations in biomass of fungal guilds are primarily driven by factors related to soil conditions in Mediterranean <i>Pinus pinaster</i> forests. <i>Biology and Fertility of Soils</i> , 2022, 58, 487-501.	2.3	5

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1966	Domestication Impacts the Wheat-Associated Microbiota and the Rhizosphere Colonization by Seed- and Soil-Originated Microbiomes, Across Different Fields. Frontiers in Plant Science, 2021, 12, 806915.	1.7	16
1967	Fungal diversity on brewery filling hall surfaces and quality control samples. Yeast, 2022, 39, 141-155.	0.8	7
1968	Soil Microbial Community Response to Nitrogen Application on a Swamp Meadow in the Arid Region of Central Asia. Frontiers in Microbiology, 2021, 12, 797306.	1.5	29
1969	Biodiversity Community Integrated Knowledge Library (BiCIKL). Research Ideas and Outcomes, 0, 8, .	1.0	15
1970	Weak population spatial genetic structure and low infraspecific specificity for fungal partners in the rare mycoheterotrophic orchid <i>Epipogium aphyllum</i> . Journal of Plant Research, 2022, 135, 275.	1.2	2
1971	Potato tillage method is associated with soil microbial communities, soil chemical properties, and potato yield. Journal of Microbiology, 2022, 60, 156-166.	1.3	7
1972	Effects of Corn Intercropping with Soybean/Peanut/Millet on the Biomass and Yield of Corn under Fertilizer Reduction. Agriculture (Switzerland), 2022, 12, 151.	1.4	8
1973	The Neglected Gut Microbiome: Fungi, Protozoa, and Bacteriophages in Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2022, 28, 1112-1122.	0.9	22
1974	Cultivated and wild pearl millet display contrasting patterns of abundance and co-occurrence in their root mycobiome. Scientific Reports, 2022, 12, 207.	1.6	5
1975	Temperature thresholds drive the global distribution of soil fungal decomposers. Global Change Biology, 2022, 28, 2779-2789.	4.2	30
1976	Soil fungi regulate the response of plant production-community composition relationship to grazing and mowing in a semi-arid steppe. Plant and Soil, 2022, 473, 573-589.	1.8	3
1977	Gut fungal community and its probiotic effect on <i>Bactrocera dorsalis</i> . Insect Science, 2022, 29, 1145-1158.	1.5	9
1978	Microbial mediators of plant community response to long-term N and P fertilization: Evidence of a role of plant responsiveness to mycorrhizal fungi. Global Change Biology, 2022, 28, 2721-2735.	4.2	12
1979	Changes of pectin structure and microbial community composition in strawberry fruit (<i>Fragaria</i> – <i>Ananassa</i> Duch.) during cold storage. Food Chemistry, 2022, 381, 132151.	4.2	14
1980	Dynamics of the Bacterial Community's Soil During the In-Situ Degradation Process of Waste Chicken Feathers. Indian Journal of Microbiology, 2022, 62, 225-233.	1.5	0
1981	Community dynamics of soil-borne fungal communities along elevation gradients in neotropical and palaeotropical forests. Molecular Ecology, 2022, 31, 2044-2060.	2.0	11

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1983	Recent advances in encapsulation of drug delivery (active substance) in cubosomes for skin diseases. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103097.	1.4	16
1984	Alpine constructed wetlands: A metagenomic analysis reveals microbial complementary structure. <i>Science of the Total Environment</i> , 2022, 822, 153640.	3.9	3
1985	Identification of core microbiota in the fermented grains of a Chinese strong-flavor liquor from Sichuan. <i>LWT - Food Science and Technology</i> , 2022, 158, 113140.	2.5	19
1986	Characterization of two microalgae consortia grown in industrial wastewater for biomass valorization. <i>Algal Research</i> , 2022, 62, 102628.	2.4	9
1987	When microclimates meet soil microbes: Temperature controls soil microbial diversity along an elevational gradient in subtropical forests. <i>Soil Biology and Biochemistry</i> , 2022, 166, 108566.	4.2	27
1988	Effects of environmental factors on the microbial community changes during medium-high temperature Daqu manufacturing. <i>Food Research International</i> , 2022, 153, 110955.	2.9	46
1989	Pharmacological mechanism of Shenlingbaizhu formula against experimental colitis. <i>Phytomedicine</i> , 2022, 98, 153961.	2.3	14
1990	Influence of reductive soil disinfestation on the chemical and microbial characteristics of a greenhouse soil infested with <i>Fusarium oxysporum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2022, 118, 101805.	1.3	9
1991	Different responses of bacteria and fungi to environmental variables and corresponding community assembly in Sb-contaminated soil. <i>Environmental Pollution</i> , 2022, 298, 118812.	3.7	23
1992	Anaerobes and methanogens dominate the microbial communities in water harvesting ponds used by Kenyan rural smallholder farmers. <i>Science of the Total Environment</i> , 2022, 819, 153040.	3.9	5
1993	Molecular and morphological identification of fungi causing canker and dieback diseases on <i>Vangueria infausta</i> (Burch) subsp. <i>rotundata</i> (Robyns) and <i>Berchemia discolor</i> (Klotzsch) Hemsl in lower Eastern Kenya. <i>African Journal of Biotechnology</i> , 2022, 21, 6-15.	0.3	2
1994	The Influence of Host Genotypes on the Endophytes in the Leaf Scar Tissues of Apple Trees and Correlation of the Endophytes with Apple Canker (<i>Neonectria ditissima</i>) Development. <i>Phytobiomes Journal</i> , 2022, 6, 127-138.	1.4	7
1995	Larval habitat determines the bacterial and fungal microbiota of the mosquito vector <i>Aedes aegypti</i> . <i>FEMS Microbiology Ecology</i> , 2022, 98, .	1.3	17
1996	Diversity and Ecological Guild Analysis of the Oil Palm Fungal Microbiome Across Root, Rhizosphere, and Soil Compartments. <i>Frontiers in Microbiology</i> , 2022, 13, 792928.	1.5	7
1997	<i>Enterobacter cloacae</i> : a villain in CaOx stone disease?. <i>Urolithiasis</i> , 2022, 50, 177.	1.2	5
1998	Plant effects on and response to soil microbes in native and non-native <i>Phragmites australis</i> . <i>Ecological Applications</i> , 2022, 32, e2565.	1.8	9
1999	Fungal mycobiome drives IL-33 secretion and type 2 immunity in pancreatic cancer. <i>Cancer Cell</i> , 2022, 40, 153-167.e11.	7.7	118

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2000	FungalTraits vs. FUNGuild: Comparison of Ecological Functional Assignments of Leaf- and Needle-Associated Fungi Across 12 Temperate Tree Species. <i>Microbial Ecology</i> , 2023, 85, 411-428.	1.4	18
2001	Post-termination Effects of Cover Crop Monocultures and Mixtures on Soil Inorganic Nitrogen and Microbial Communities on Two Organic Farms in Illinois. <i>Frontiers in Soil Science</i> , 2022, 2, .	0.8	3
2003	Effects of ultramafic topsoil stockpiling during mine activities on its microbial diversity and other microbiological and physicochemical characteristics. <i>Ecological Engineering</i> , 2022, 177, 106563.	1.6	5
2004	Fungi determine increased soil organic carbon more than bacteria through their necromass inputs in conservation tillage croplands. <i>Soil Biology and Biochemistry</i> , 2022, 167, 108587.	4.2	61
2005	Ecological management model for the improvement of soil fertility through the regulation of rare microbial taxa in tea (<i>Camellia sinensis</i> L.) plantation soils. <i>Journal of Environmental Management</i> , 2022, 308, 114595.	3.8	19
2006	Long-term rice-crayfish-turtle co-culture maintains high crop yields by improving soil health and increasing soil microbial community stability. <i>Geoderma</i> , 2022, 413, 115745.	2.3	14
2007	Contrasting vertical distribution between prokaryotes and fungi in different water masses on the Ninety-East Ridge, Southern Indian Ocean. <i>Journal of Oceanology and Limnology</i> , 0, , 1.	0.6	0
2008	Green manure incorporation accelerates enzyme activity, plant growth, and changes in the fungal community of soil. <i>Archives of Microbiology</i> , 2022, 204, 7.	1.0	17
2009	Long-Term Nickel Contamination Increased Soil Fungal Diversity and Altered Fungal Community Structure and Co-Occurrence Patterns in Agricultural Soils. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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2011	Impacts of a porous hollow silica nanoparticle-encapsulated pesticide applied to soils on plant growth and soil microbial community. <i>Environmental Science: Nano</i> , 2022, 9, 1476-1488.	2.2	13
2013	Soil fungal communities affect the chemical quality of flue-cured tobacco leaves in Bijie, Southwest China. <i>Scientific Reports</i> , 2022, 12, 2815.	1.6	12
2014	Sequencing and Analysis of the Entire Genome of the Mycoparasitic Bioeffector Fungus <i>Trichoderma asperelloides</i> Strain T 203 (Hypocreales). <i>Microbiology Resource Announcements</i> , 2022, 11, e0099521.	0.3	4
2015	The Changes in Soil Microbial Communities across a Subalpine Forest Successional Series. <i>Forests</i> , 2022, 13, 289.	0.9	15
2016	Plant diversity has stronger linkage with soil fungal diversity than with bacterial diversity across grasslands of northern China. <i>Global Ecology and Biogeography</i> , 2022, 31, 886-900.	2.7	20
2017	Comparative Analysis of the Effects of Plastic Mulch Films on Soil Nutrient, Yields and Soil Microbiome in Three Vegetable Fields. <i>Agronomy</i> , 2022, 12, 506.	1.3	10
2018	Characterization of the Endophytic Mycobiome in Cowpea (<i>Vigna unguiculata</i>) from a Single Location Using Illumina Sequencing. <i>Agriculture (Switzerland)</i> , 2022, 12, 333.	1.4	1
2019	Characterization of Bacterial Microbiota Composition in Healthy and Diarrheal Early-Weaned Tibetan Piglets. <i>Frontiers in Veterinary Science</i> , 2022, 9, 799862.	0.9	6

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2021	İşık Turbo taxonomy approaches: lessons from the past and recommendations for the future based on the experience with Braconidae (Hymenoptera) parasitoid wasps. <i>ZooKeys</i> , 2022, 1087, 199-220.	0.5	19
2022	Dysbiosis of Gastric Mucosal Fungal Microbiota in the Gastric Cancer Microenvironment. <i>Journal of Immunology Research</i> , 2022, 2022, 1-14.	0.9	6
2023	A Comprehensive Network Integrating Signature Microbes and Crucial Soil Properties During Early Biological Soil Crust Formation on Tropical Reef Islands. <i>Frontiers in Microbiology</i> , 2022, 13, 831710.	1.5	3
2024	Morel Production Associated with Soil Nitrogen-Fixing and Nitrifying Microorganisms. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 299.	1.5	24
2025	Wheat Straw Return Influences Soybean Root-Associated Bacterial and Fungal Microbiota in a Wheat-Soybean Rotation System. <i>Microorganisms</i> , 2022, 10, 667.	1.6	4
2026	Molecular-Based Diversity Studies and Field Surveys Are Not Mutually Exclusive: On the Importance of Integrated Methodologies in Mycological Research. <i>Frontiers in Fungal Biology</i> , 2022, 3, .	0.9	8
2027	Metabarcoding analysis of the soil fungal community to aid the conservation of underexplored church forests in Ethiopia. <i>Scientific Reports</i> , 2022, 12, 4817.	1.6	7
2028	Agricultural Jiaosu: An Eco-Friendly and Cost-Effective Control Strategy for Suppressing Fusarium Root Rot Disease in <i>Astragalus membranaceus</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 823704.	1.5	5
2029	Ants mediate community composition of root-associated fungi in an ant-plant mutualism. <i>Biotropica</i> , 2022, 54, 645-655.	0.8	3
2030	Fungal Communities of <i>Eucalyptus grandis</i> Leaves Are Influenced by the Insect Pest <i>Leptocybe invasa</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 841621.	1.5	1
2031	Effects of operational taxonomic unit inference methods on soil microeukaryote community analysis using long-read metabarcoding. <i>Ecology and Evolution</i> , 2022, 12, e8676.	0.8	3
2032	Root-associated fungi not tree density influences stand nitrogen dynamics at the larch forest-tundra ecotone. <i>Journal of Ecology</i> , 2022, 110, 1419-1431.	1.9	5
2033	Fungal Community Diversity in Solonchaks of Gansu Province in China. <i>Eurasian Soil Science</i> , 2022, 55, 511-519.	0.5	2
2034	Effects of Long-Term Enclosed Environment on Human Health Based on the Analysis of Salivary Microbiota and Cytokines. <i>Microbiology Spectrum</i> , 2022, 10, e0025422.	1.2	3
2035	Epilithic Microbial Community Functionality in Deep Oligotrophic Continental Bedrock. <i>Frontiers in Microbiology</i> , 2022, 13, 826048.	1.5	10
2036	Shift in tree species changes the belowground biota of boreal forests. <i>New Phytologist</i> , 2022, 234, 2073-2087.	3.5	10
2037	Composition, activity and diversity of bacterial and fungal communities responses to inputs of phosphorus fertilizer enriched with beneficial microbes in degraded Brunic Arenosol. <i>Land Degradation and Development</i> , 2022, 33, 844-865.	1.8	8

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2040	Difference responses of soil fungal communities to cattle and chicken manure composting application. <i>Journal of Applied Microbiology</i> , 2022, 133, 323-339.	1.4	3
2041	Effects of Different Land Use Types and Soil Depths on Soil Mineral Elements, Soil Enzyme Activity, and Fungal Community in Karst Area of Southwest China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3120.	1.2	13
2042	Structure and function of the soil microbiome underlying N ₂ O emissions from global wetlands. <i>Nature Communications</i> , 2022, 13, 1430.	5.8	72
2043	Bachu Mushroom Polysaccharide Alleviates Colonic Injury by Modulating the Gut Microbiota. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-12.	0.7	7
2044	The Cropping Obstacle of Garlic Was Associated With Changes in Soil Physicochemical Properties, Enzymatic Activities and Bacterial and Fungal Communities. <i>Frontiers in Microbiology</i> , 2022, 13, 828196.	1.5	6
2045	Fungal communities in feces of the frugivorous bat <i>Ectophylla alba</i> and its highly specialized <i>Ficus colubrinae</i> diet. <i>Animal Microbiome</i> , 2022, 4, 24.	1.5	2
2046	Ontogenetic changes in root traits and root-associated fungal community composition in a heteroblastic epiphytic bromeliad. <i>Oikos</i> , 0, .	1.2	2
2047	Global soil microbiomes: A new frontline of biome-ecology research. <i>Global Ecology and Biogeography</i> , 2022, 31, 1120-1132.	2.7	19
2048	Long-term soil warming alters fine root dynamics and morphology, and their ectomycorrhizal fungal community in a temperate forest soil. <i>Global Change Biology</i> , 2022, 28, 3441-3458.	4.2	27
2049	Metabarcoding of insect-associated fungal communities: a comparison of internal transcribed spacer (ITS) and large-subunit (LSU) rRNA markers. <i>Mycology</i> , 2022, 88, 1-33.	0.8	6
2050	Composition and Functional Diversity of Epiphytic Bacterial and Fungal Communities on Marine Macrophytes in an Intertidal Zone. <i>Frontiers in Microbiology</i> , 2022, 13, 839465.	1.5	14
2051	Effects of cadmium contamination on bacterial and fungal communities in <i>Panax ginseng</i> -growing soil. <i>BMC Microbiology</i> , 2022, 22, 77.	1.3	8
2052	Abiotic Treatment to Common Bean Plants Results in an Altered Endophytic Seed Microbiome. <i>Microbiology Spectrum</i> , 2022, 10, e0021021.	1.2	12
2053	Heterogeneity of soil bacterial and bacteriophage communities in three rice agroecosystems and potential impacts of bacteriophage on nutrient cycling. <i>Environmental Microbiomes</i> , 2022, 17, 17.	2.2	11
2054	Alterations in the saliva microbiome in patients with gastritis and small bowel inflammation. <i>Microbial Pathogenesis</i> , 2022, 165, 105491.	1.3	8
2055	Prescribed burning in spring or autumn did not affect the soil fungal community in Mediterranean <i>Pinus nigra</i> natural forests. <i>Forest Ecology and Management</i> , 2022, 512, 120161.	1.4	9
2056	Transformation of inherent microorganisms in Wyoming-type bentonite and their effects on structural iron. <i>Applied Clay Science</i> , 2022, 221, 106465.	2.6	7

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2058	Multidimensional profiling indicates the shifts and functionality of wheat-origin microbiota during high-temperature Daqu incubation. Food Research International, 2022, 156, 111191.	2.9	20
2059	Fungal community diversity dominates soil multifunctionality in freeze-thaw events. Catena, 2022, 214, 106241.	2.2	14
2060	Temporal variation of management effects on soil microbial communities. Geoderma, 2022, 418, 115828.	2.3	6
2061	Plant physiology, microbial community, and risks of multiple fungal diseases along a soil nitrogen gradient. Applied Soil Ecology, 2022, 175, 104445.	2.1	5
2062	The regulators of soil organic carbon mineralization upon lime and/or phosphate addition vary with depth. Science of the Total Environment, 2022, 828, 154378.	3.9	4
2065	Links between boreal forest management, soil fungal communities and below-ground carbon sequestration. Functional Ecology, 2022, 36, 392-405.	1.7	13
2066	A new species of genus <i>Russula</i> subsect. <i>Illicinae</i> (Russulaceae) from Kashmir Himalaya based on morphology and molecular phylogeny. Nordic Journal of Botany, 2022, .	0.2	1
2067	Fungi as mediators linking organisms and ecosystems. FEMS Microbiology Reviews, 2022, 46, .	3.9	47
2068	Spatial Distribution and Influencing Factors of Soil Fungi in a Degraded Alpine Meadow Invaded by <i>Stellera chamaejasme</i> . Agriculture (Switzerland), 2021, 11, 1280.	1.4	1
2069	The Influence of Germinated Hull-less Barley Sourdough Fermentation Conditions on the Microbiota Development. Rural Sustainability Research, 2021, 46, 105-115.	0.3	0
2070	High stability and metabolic capacity of bacterial community promote the rapid reduction of easily decomposing carbon in soil. Communications Biology, 2021, 4, 1376.	2.0	31
2071	Two new species in the <i>Russula</i> (Russulaceae, Basidiomycota) crown clade from Indian Himalaya. European Journal of Taxonomy, 0, 782, 157-172.	0.6	5
2072	Soil Fungal Diversity of the Aguarongo Andean Forest (Ecuador). Biology, 2021, 10, 1289.	1.3	6
2074	Diversity and Community Structure of Soil Fungi in Three Typical Desert Plant Formations in the Junggar Basin, Northwest China. Eurasian Soil Science, 2021, 54, 1945-1956.	0.5	2
2075	Characterization of soils conducive and non-conductive to <i>Prunus</i> replant disease. PLoS ONE, 2021, 16, e0260394.	1.1	3
2076	Effects of Oat Varieties and Growing Locations on Seed-Borne Fungal Communities. Frontiers in Microbiology, 2021, 12, 724999.	1.5	2
2077	Characteristics of fungal communities and the sources of mold contamination in mildewed tobacco leaves stored under different climatic conditions. Applied Microbiology and Biotechnology, 2022, 106, 131-144.	1.7	6

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2078	Marine Fungi. The Microbiomes of Humans, Animals, Plants, and the Environment, 2022, , 243-295.	0.2	4
2079	Best practices in metabarcoding of fungi: From experimental design to results. <i>Molecular Ecology</i> , 2022, 31, 2769-2795.	2.0	87
2080	Soil fungal and bacterial communities are altered by the incorporation of leaf litter containing a fungal endophyte. <i>European Journal of Soil Science</i> , 2022, 73, .	1.8	3
2081	Analysis of fungal dynamic changes in the natural fermentation broth of "Hongyang"™ kiwifruit. <i>PeerJ</i> , 2022, 10, e13286.	0.9	1
2082	Applying EDTA in Chelating Excess Metal Ions to Improve Downstream DNA Recovery from Mine Tailings for Long-Read Amplicon Sequencing of Acidophilic Fungi Communities. <i>Journal of Fungi (Basel)</i> , Tj ETQq0 0 0 rgBT /Overlock 60 Tf 50 57	0.0	0
2083	Response of microbial community structure to chromium contamination in <i>Panax ginseng</i> -growing soil. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	6
2084	Early-life gut microbiota and attention deficit hyperactivity disorder in preadolescents. <i>Pediatric Research</i> , 2023, 93, 2051-2060.	1.1	5
2085	Community Assembly and Stability in the Root Microbiota During Early Plant Development. <i>Frontiers in Microbiology</i> , 2022, 13, 826521.	1.5	7
2086	Fungal Inhibition of Agricultural Soil Pathogen Stimulated by Nitrogen-Reducing Fertilization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 866419.	2.0	4
2087	Microbial Cross-Talk: Dissecting the Core Microbiota Associated With Flue-Cured Tobacco (<i>Nicotiana</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 65	1.5	15
2088	Organic Matter and Total Nitrogen Lead to Different Microbial Community Structure in Sediments Between Lagoon and Surrounding Areas by Regulating <i>Xenococcus</i> Abundance. <i>Frontiers in Microbiology</i> , 2022, 13, 859921.	1.5	0
2089	Assembly of wood-inhabiting archaeal, bacterial and fungal communities along a salinity gradient: common taxa are broadly distributed but locally abundant in preferred habitats. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	1.3	0
2090	Evidence of endophytic nitrogen fixation as a potential mechanism supporting colonization of non-nodulating pioneer plants on a glacial foreland. <i>Biology and Fertility of Soils</i> , 2022, 58, 527-539.	2.3	9
2091	Contrasting community responses of root and soil dwelling fungi to extreme drought in a temperate grassland. <i>Soil Biology and Biochemistry</i> , 2022, 169, 108670.	4.2	11
2092	Effect of dietary oxidized fish oil on growth performance, physiological homeostasis and intestinal microbiome in hybrid grouper ("Epi-nepelus fuscoguttatus"— "Epi-nepelus lanceolatus"). <i>Aquaculture Reports</i> , 2022, 24, 101130.	0.7	7
2093	Unipartite and bipartite mycorrhizal networks of <i>Abies religiosa</i> forests: Incorporating network theory into applied ecology of conifer species and forest management. <i>Ecological Complexity</i> , 2022, 50, 101002.	1.4	3
2094	A comprehensive study on multi-mycotoxin screening, changes of mycotoxin residues and fungal community analysis from barley germination to malt. <i>International Journal of Food Microbiology</i> , 2022, 372, 109678.	2.1	3
2389	Microbial activity and community structure in <sc>PM</sc> at different heights in ground boundary layer of Beijing atmosphere under various air quality levels. <i>Environmental Microbiology</i> , 2022, 24, 4013-4029.	1.8	2

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2391	Effects of Environmental Factors on Fungal Diversity and Composition in Coastal Sediments from Guangdong, China. <i>SSRN Electronic Journal</i> , 0, .	0.4	0
2393	Fungal Microbiota Dysbiosis and Ecological Alterations in Gastric Cancer. <i>Frontiers in Microbiology</i> , 2022, 13, 889694.	1.5	10
2394	Analysis of environmental driving factors on Core Functional Community during Daqu fermentation. <i>Food Research International</i> , 2022, 157, 111286.	2.9	30
2395	Long-Term Monocultures of American Ginseng Change the Rhizosphere Microbiome by Reducing Phenolic Acids in Soil. <i>Agriculture (Switzerland)</i> , 2022, 12, 640.	1.4	3
2396	Soil microbial communities are not altered by garlic mustard in recently invaded central Illinois forests. <i>Ecosphere</i> , 2022, 13, .	1.0	2
2397	Assessment of the Endophytic Fungal Composition of <i>Lactobacillus plantarum</i> and <i>Enterococcus faecalis</i> -Fermented <i>Astragalus membranaceus</i> Using Single-Molecule, Real-Time Sequencing Technology. <i>Frontiers in Veterinary Science</i> , 2022, 9, 880152.	0.9	0
2398	Analysis of bacterial and fungal communities in fermented fish (pla-ra) from Northeast Thailand. <i>Archives of Microbiology</i> , 2022, 204, 302.	1.0	2
2399	Analysis of Bacterial Community Composition and Ecological Function during Soft Rot Process in <i>Pitaya</i> (<i>Hylocereus</i> spp.) Stems. <i>Journal of Chemistry</i> , 2022, 2022, 1-8.	0.9	0
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2402	Nitrogen pulses increase fungal pathogens in Amazonian lowland tropical rain forests. <i>Journal of Ecology</i> , 2022, 110, 1775-1789.	1.9	1
2403	The role of decaying logs in nursing soil fungal diversity varies with decay classes in the forest ecosystem. <i>European Journal of Soil Science</i> , 2022, 73, .	1.8	4
2404	Long-term nickel contamination increased soil fungal diversity and altered fungal community structure and co-occurrence patterns in agricultural soils. <i>Journal of Hazardous Materials</i> , 2022, 436, 129113.	6.5	19
2405	Integrated management of crop residue and nutrient enhances new carbon formation by regulating microbial taxa and enzymes. <i>Journal of Integrative Agriculture</i> , 2022, 21, 1772-1785.	1.7	5
2406	Exogenous substrate quality determines the dominant keystone taxa linked to carbon mineralization: Evidence from a 30-year experiment. <i>Soil Biology and Biochemistry</i> , 2022, 169, 108683.	4.2	20
2407	Novel application of aerobic granular biofilm systems for treating nitrate-polluted groundwater at low temperature: Microbial community and performance. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107818.	3.3	7
2408	Response of soil fungal species, phylogenetic and functional diversity to diurnal asymmetric warming in an alpine agricultural ecosystem. <i>Agriculture, Ecosystems and Environment</i> , 2022, 335, 107993.	2.5	20

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2409	Variations in fungal community structure along elevation gradients in contrasting Austrian Alpine ecosystems. <i>Applied Soil Ecology</i> , 2022, 177, 104508.	2.1	7
2410	Inoculation with <i>Penicillium citrinum</i> aids ginseng in resisting <i>Fusarium oxysporum</i> by regulating the root and rhizosphere microbial communities. <i>Rhizosphere</i> , 2022, 22, 100535.	1.4	5
2411	Composition and key-influencing factors of bacterial communities active in sulfur cycling of soda lake sediments. <i>Archives of Microbiology</i> , 2022, 204, 317.	1.0	5
2412	Optimisation of a bead-beating procedure for simultaneous extraction of bacterial and fungal DNA from pig faeces and liquid feed for 16S and ITS2 rDNA amplicon sequencing. , 2022, 1, 100012.		4
2413	Insights into the Profile of the Human Expiratory Microbiota and Its Associations with Indoor Microbiotas. <i>Environmental Science & Technology</i> , 2022, 56, 6282-6293.	4.6	10
2414	Fungi associated with the potato taste defect in coffee beans from Rwanda. , 2022, 63, .		3
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2416	Indoor microbiome, microbial and plant metabolites, chemical compounds, and asthma symptoms in junior high school students: a multicentre association study in Malaysia. <i>European Respiratory Journal</i> , 2022, 60, 2200260.	3.1	18
2417	Fungal-Bacterial Networks in the Habitat of SongRong (<i>Tricholoma matsutake</i>) and Driving Factors of Their Distribution Rules. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 575.	1.5	3
2418	Fungal community dynamics associated with harmful cyanobacterial blooms in two Great Lakes. <i>Journal of Great Lakes Research</i> , 2022, 48, 1021-1031.	0.8	3
2419	An Altered Microbiota in the Lower and Upper Female Reproductive Tract of Women with Recurrent Spontaneous Abortion. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	10
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2421	Disordered Gut Microbiota in Colorectal Tumor-Bearing Mice Altered Serum Metabolome Related to Fufangchangtai. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	2
2422	Environmental factors and host genetic variation shape the fungal endophyte communities within needles of Scots pine (<i>Pinus sylvestris</i>). <i>Fungal Ecology</i> , 2022, 57-58, 101162.	0.7	4
2423	Neutralization of the toxic effects of a fungicide difenoconazole against soil organisms by a difenoconazole-degrading bacterium. <i>Applied Soil Ecology</i> , 2022, 177, 104541.	2.1	5
2424	Nutrient Enrichment Decreases Dissolved Organic Carbon Sequestration Potential of Tropical Seagrass Meadows by Mediating Bacterial Activity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2425	The Native <i>Hymenoscyphus albidus</i> and the Invasive <i>Hymenoscyphus fraxineus</i> Are Similar in Their Necrotrophic Growth Phase in Ash Leaves. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	6
2426	Dnabarcoder: An open-source software package for analysing and predicting <sc>DNA</sc> sequence similarity cutoffs for fungal sequence identification. <i>Molecular Ecology Resources</i> , 2022, 22, 2793-2809.	2.2	4

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2429	Responses of the rhizosphere microbiome to long-term nitrogen addition in a boreal forest. <i>Canadian Journal of Forest Research</i> , 2022, 52, 1071-1087.	0.8	2
2430	Reductive Soil Disinfestation Enhances Microbial Network Complexity and Function in Intensively Cropped Greenhouse Soil. <i>Horticulturae</i> , 2022, 8, 476.	1.2	7
2431	Effects of different de-enzyming methods on microbial composition and volatile compounds of raw Pu-er tea based on microbiome and metabolomics. <i>Food Bioscience</i> , 2022, 48, 101817.	2.0	1
2432	High-throughput sequencing reveals rhizosphere fungal community composition and diversity at different growth stages of <i>Populus euphratica</i> in the lower reaches of the Tarim River. <i>PeerJ</i> , 0, 10, e13552.	0.9	2
2433	Seasonal and spatial variability of zooplankton diversity in the Poyang Lake Basin using DNA metabarcoding. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	4
2434	Enduring legacy of coal mining on the fungal community in a High Arctic soil after five decades. <i>Pedosphere</i> , 2022, , .	2.1	0
2435	The plant rhizosphere "root niche is an edaphic "mini-oasis" in hyperarid deserts with enhanced microbial competition. <i>ISME Communications</i> , 2022, 2, .	1.7	18
2436	Invasive earthworms alter forest soil microbiomes and nitrogen cycling. <i>Soil Biology and Biochemistry</i> , 2022, 171, 108724.	4.2	11
2437	Influence of stand age and site conditions on ectomycorrhizal fungal dynamics in <i>Cistus ladanifer</i> -dominated scrubland ecosystems. <i>Forest Ecology and Management</i> , 2022, 519, 120340.	1.4	3
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2441	Comparative Efficacy of Fish Meal Replacement With Enzymatically Treated Soybean Meal on Growth Performance, Immunity, Oxidative Capacity and Fecal Microbiota in Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	1
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2451	Microbial succession and exploration of higher alcohols-producing core bacteria in northern Huangjiu fermentation. <i>AMB Express</i> , 2022, 12, .	1.4	9
2452	Mycoheterotrophic plants preferentially target arbuscular mycorrhizal fungi that are highly connected to autotrophic plants. <i>New Phytologist</i> , 0, , .	3.5	6
2453	A phylogenetic overview of <i>Squamanita</i>, with descriptions of nine new species and four new combinations. <i>Mycologia</i> , 2022, 114, 769-797.	0.8	1
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2455	Soil microbial diversity and community composition during conversion from conventional to organic agriculture. <i>Molecular Ecology</i> , 2022, 31, 4017-4030.	2.0	11
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2464	Effects on community composition and function <i>Pinus massoniana</i> infected by <i>Bursaphelenchus xylophilus</i> . <i>BMC Microbiology</i> , 2022, 22, .	1.3	4
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2467	Microbial community shifts correspond with suppression of decomposition 25 years after liming of acidic forest soils. <i>Global Change Biology</i> , 2022, 28, 5399-5415.	4.2	11
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2492	Bioactive characterization of multifloral honeys from <i>Apis cerana cerana</i> , <i>Apis dorsata</i> , and <i>Lepidotrigona flavibasis</i> . <i>Food Research International</i> , 2022, 161, 111808.	2.9	5
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#	ARTICLE	IF	CITATIONS
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2522	Exogenous Melatonin Reprograms the Rhizosphere Microbial Community to Modulate the Responses of Barley to Drought Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9665.	1.8	12
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2526	Elevations change fungal communities of the bulk soil, rhizosphere and root of <i>Rhododendron delavayi</i> Franch (Ericaceae) by affecting soil properties in a karst area, southwest China. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 1817-1832.	1.3	0
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2528	Polysaccharide from <i>Salviae miltiorrhizae Radix et Rhizoma</i> Attenuates the Progress of Obesity-Induced Non-Alcoholic Fatty Liver Disease through Modulating Intestinal Microbiota-Related Gut-Liver Axis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10620.	1.8	8
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2533	Da Vinci's yeast: <i>Blastobotrys davincii</i> f.a., sp. nov. <i>Yeast</i> , 2023, 40, 7-31.	0.8	4
2534	Effect of <i>Bacillus subtilis</i> fortified inoculation on the microbial communities in different niches of Daqu. <i>Journal of Bioscience and Bioengineering</i> , 2022, 134, 407-415.	1.1	6
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2537	Bacterial and fungal communities within and among geographic samples of the hemp pest <i>Psylliodes attenuata</i> from China. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
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2551	Biochar-mediated changes in the microbial communities of rhizosphere soil alter the architecture of maize roots. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	7
2552	Rhizosphere melatonin application reprograms nitrogen-cycling related microorganisms to modulate low temperature response in barley. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
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2558	Analysis of microbial diversity in the root of <i>Astragalus mongholicus</i> . <i>Brazilian Journal of Biology</i> , 0, 82, .	0.4	0
2559	Random forest analysis reveals taxa predictive of <i>Prunus</i> replant disease in peach root microbiomes. <i>PLoS ONE</i> , 2022, 17, e0275587.	1.1	2
2561	Mycotoxin Production and the Relationship between Microbial Diversity and Mycotoxins in <i>Pyrus bretschneideri</i> Rehd cv. Huangguan Pear. <i>Toxins</i> , 2022, 14, 699.	1.5	5
2562	The <i>Amidella</i> Clade in Europe (Basidiomycota: Amanitaceae): Clarification of the Contentious <i>Amanita valens</i> (E.-J.Gilbert) Bertault and the Importance of Taxon-Specific PCR Primers for Identification. <i>Cryptogamie, Mycologie</i> , 2022, 43, .	0.2	1
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2564	The Changes of Microbial Communities and Key Metabolites after Early <i>Bursaphelenchus xylophilus</i> Invasion of <i>Pinus massoniana</i> . <i>Plants</i> , 2022, 11, 2849.	1.6	4
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2566	Do ectomycorrhizal exploration types reflect mycelial foraging strategies?. <i>New Phytologist</i> , 2023, 237, 576-584.	3.5	14
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#	ARTICLE	IF	CITATIONS
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