

# Accurate Estimation of Fungal Diversity and Abundance Primers Optimized for Illumina Amplicon Sequencing

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Managing the plant microbiome for biocontrol fungi: examples from Hypocreales. <i>Current Opinion in Microbiology</i> , 2017, 37, 48-53.	2.3	44
2	Different Amplicon Targets for Sequencing-Based Studies of Fungal Diversity. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	97
3	Soil pH and mineral nutrients strongly influence truffles and other ectomycorrhizal fungi associated with commercial pecans ( <i>Carya illinoensis</i> ). <i>Plant and Soil</i> , 2017, 418, 493-505.	1.8	48
4	Potential of small-molecule fungal metabolites in antiviral chemotherapy. <i>Antiviral Chemistry and Chemotherapy</i> , 2017, 25, 20-52.	0.3	31
5	Patterns and drivers of fungal community depth stratification in Sphagnum peat. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	28
6	The divergence between fungal and bacterial communities in seasonal and spatial variations of wastewater treatment plants. <i>Science of the Total Environment</i> , 2018, 628-629, 969-978.	3.9	79
7	Direct comparison of culture-dependent and culture-independent molecular approaches reveal the diversity of fungal endophytic communities in stems of grapevine ( <i>Vitis vinifera</i> ). <i>Fungal Diversity</i> , 2018, 90, 85-107.	4.7	143
8	Performance and microbial community structure of a polar Arctic Circle aerobic granular sludge system operating at low temperature. <i>Bioresource Technology</i> , 2018, 256, 22-29.	4.8	46
9	A fungal mock community control for amplicon sequencing experiments. <i>Molecular Ecology Resources</i> , 2018, 18, 541-556.	2.2	69
10	Rivers may constitute an overlooked avenue of dispersal for terrestrial fungi. <i>Fungal Ecology</i> , 2018, 32, 72-79.	0.7	18
11	Detection of <i>Coccidioides posadasii</i> from xerophytic environments in Venezuela reveals risk of naturally acquired coccidioidomycosis infections. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	3.0	36
12	Biodiversity of fungi on <i>Vitis vinifera</i> L. revealed by traditional and high-resolution culture-independent approaches. <i>Fungal Diversity</i> , 2018, 90, 1-84.	4.7	101
13	Assessment of Passive Traps Combined with High-Throughput Sequencing To Study Airborne Fungal Communities. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	39
14	Microbial sequence typing in the genomic era. <i>Infection, Genetics and Evolution</i> , 2018, 63, 346-359.	1.0	50
15	Sera of Peruvians with fever of unknown origins include viral nucleic acids from non-vertebrate hosts. <i>Virus Genes</i> , 2018, 54, 33-40.	0.7	19
16	Arbuscular mycorrhizal fungi promote coexistence and niche divergence of sympatric palm species on a remote oceanic island. <i>New Phytologist</i> , 2018, 217, 1254-1266.	3.5	36
17	Selection and Experimental Evaluation of Universal Primers to Study the Fungal Microbiome of Higher Plants. <i>Phytobiomes Journal</i> , 2018, 2, 225-236.	1.4	28
18	The Endophytic Mycobiome of European Ash and Sycamore Maple Leaves – Geographic Patterns, Host Specificity and Influence of Ash Dieback. <i>Frontiers in Microbiology</i> , 2018, 9, 2345.	1.5	48

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19	Evaluation of the ribosomal DNA internal transcribed spacer (ITS), specifically ITS1 and ITS2, for the analysis of fungal diversity by deep sequencing. PLoS ONE, 2018, 13, e0206428.	1.1	96
20	Protocols for Investigating the Leaf Mycobiome Using High-Throughput DNA Sequencing. Methods in Molecular Biology, 2018, 1848, 39-51.	0.4	11
21	Trichoderma polysporum selectively inhibits white-nose syndrome fungal pathogen Pseudogymnoascus destructans amidst soil microbes. Microbiome, 2018, 6, 139.	4.9	29
22	Validation of a quantitative PCR based detection system for indoor mold exposure assessment in bioaerosols. Environmental Sciences: Processes and Impacts, 2018, 20, 1454-1468.	1.7	15
23	Dynamic bacterial and fungal microbiomes during sweet sorghum ensiling impact bioethanol production. Bioresource Technology, 2018, 264, 163-173.	4.8	37
24	Enigmatic Diphyllozoa eukaryotes: culturing and targeted PacBio RS amplicon sequencing reveals a higher order taxonomic diversity and global distribution. BMC Evolutionary Biology, 2018, 18, 115.	3.2	10
25	Organic nitrogen addition suppresses fungal richness and alters community composition in temperate forest soils. Soil Biology and Biochemistry, 2018, 125, 222-230.	4.2	27
26	Optimizing taxonomic classification of marker-gene amplicon sequences with QIIME 2's q2-feature-classifier plugin. Microbiome, 2018, 6, 90.	4.9	3,159
27	Lives within lives: Hidden fungal biodiversity and the importance of conservation. Fungal Ecology, 2018, 35, 127-134.	0.7	31
28	Mycobiome analysis of asymptomatic and symptomatic Norway spruce trees naturally infected by the conifer pathogens <i>Heterobasidion</i> spp.. Environmental Microbiology Reports, 2018, 10, 532-541.	1.0	43
29	Diverse fungal lineages in subtropical ponds are altered by sediment-bound copper. Fungal Ecology, 2018, 34, 28-42.	0.7	26
30	Soil bacterial and fungal response to wildfires in the Canadian boreal forest across a burn severity gradient. Soil Biology and Biochemistry, 2019, 138, 107571.	4.2	139
31	Are traded forest tree seeds a potential source of nonnative pests?. Ecological Applications, 2019, 29, e01971.	1.8	32
32	The role of inoculum dispersal and plant species identity in the assembly of leaf endophytic fungal communities. PLoS ONE, 2019, 14, e0219832.	1.1	22
33	Effects of chitin and temperature on sub-Arctic soil microbial and fungal communities and biodegradation of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) and 2,4-dinitrotoluene (DNT). Biodegradation, 2019, 30, 415-431.	1.5	11
34	Microbial composition in seasonal time series of free tropospheric air and precipitation reveals community separation. Aerobiologia, 2019, 35, 671-701.	0.7	41
35	Environmental filtering structures fungal endophyte communities in tree bark. Molecular Ecology, 2019, 28, 5188-5198.	2.0	21
36	Responses of arbuscular mycorrhizal fungi to multiple coinciding global change drivers. Fungal Ecology, 2019, 40, 62-71.	0.7	67

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37	Plant geographic origin and phylogeny as potential drivers of community structure in root-inhabiting fungi. <i>Journal of Ecology</i> , 2019, 107, 1720-1736.	1.9	27
38	Ectomycorrhizal fungi and soil enzymes exhibit contrasting patterns along elevation gradients in southern Patagonia. <i>New Phytologist</i> , 2019, 222, 1936-1950.	3.5	61
39	Bioinformatics matters: The accuracy of plant and soil fungal community data is highly dependent on the metabarcoding pipeline. <i>Fungal Ecology</i> , 2019, 41, 23-33.	0.7	165
40	Altitudinal gradients fail to predict fungal symbiont responses to warming. <i>Ecology</i> , 2019, 100, e02740.	1.5	25
41	Measuring sequencer size bias using REcount: a novel method for highly accurate Illumina sequencing-based quantification. <i>Genome Biology</i> , 2019, 20, 85.	3.8	29
42	Biotic filtering of endophytic fungal communities in <i>Bromus tectorum</i> . <i>Oecologia</i> , 2019, 189, 993-1003.	0.9	11
43	Mycobiome Sequencing and Analysis Applied to Fungal Community Profiling of the Lower Respiratory Tract During Fungal Pathogenesis. <i>Frontiers in Microbiology</i> , 2019, 10, 512.	1.5	34
44	Wood-rotting basidiomycetes are a minor component of fungal communities associated with <i>Acacia</i> hybrid trees grown for sawlogs in South Vietnam. <i>Forest Pathology</i> , 2019, 49, e12498.	0.5	3
45	Comparison and validation of Oomycetes metabarcoding primers for <i>Phytophthora</i> high throughput sequencing. <i>Journal of Plant Pathology</i> , 2019, 101, 743-748.	0.6	9
46	Darkening of the Greenland Ice Sheet: Fungal Abundance and Diversity Are Associated With Algal Bloom. <i>Frontiers in Microbiology</i> , 2019, 10, 557.	1.5	58
47	Fungal community assembly in soils and roots under plant invasion and nitrogen deposition. <i>Fungal Ecology</i> , 2019, 40, 107-117.	0.7	52
48	Priority effects of wheat seed endophytes on a rhizosphere symbiosis. <i>Symbiosis</i> , 2019, 78, 19-31.	1.2	40
49	Compositional Analysis of the Human Microbiome in Cancer Research. <i>Methods in Molecular Biology</i> , 2019, 1928, 299-335.	0.4	2
50	Fungal and bacterial diversity of Svalbard subglacial ice. <i>Scientific Reports</i> , 2019, 9, 20230.	1.6	52
51	Characterization of the Mycobiome of the Seagrass, <i>Zostera marina</i> , Reveals Putative Associations With Marine Chytrids. <i>Frontiers in Microbiology</i> , 2019, 10, 2476.	1.5	34
52	Strong succession in arbuscular mycorrhizal fungal communities. <i>ISME Journal</i> , 2019, 13, 214-226.	4.4	86
53	Biases in the metabarcoding of plant pathogens using rust fungi as a model system. <i>MicrobiologyOpen</i> , 2019, 8, e780.	1.2	16
54	Novel microbial community composition and carbon biogeochemistry emerge over time following saltwater intrusion in wetlands. <i>Global Change Biology</i> , 2019, 25, 549-561.	4.2	68

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55	Many broadly-shared mycobionts characterize mycorrhizal interactions of two coexisting epiphytic orchids in a high elevation tropical forest. <i>Fungal Ecology</i> , 2019, 39, 26-36.	0.7	16
56	A novel proof of concept for capturing the diversity of endophytic fungi preserved in herbarium specimens. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20170395.	1.8	28
57	Metabarcoding targeting the EF1 alpha region to assess <i>Fusarium</i> diversity on cereals. <i>PLoS ONE</i> , 2019, 14, e0207988.	1.1	31
58	Application of next-generation sequencing technologies to conservation of wood-inhabiting fungi. <i>Conservation Biology</i> , 2019, 33, 716-724.	2.4	13
59	Cultivar and phosphorus effects on switchgrass yield and rhizosphere microbial diversity. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1973-1987.	1.7	16
60	Direct detection of <i>Coccidioides</i> from Arizona soils using CoccENV, a highly sensitive and specific real-time PCR assay. <i>Medical Mycology</i> , 2019, 57, 246-255.	0.3	42
61	Intestinal Fungal Dysbiosis and Systemic Immune Response to Fungi in Patients With Alcoholic Hepatitis. <i>Hepatology</i> , 2020, 71, 522-538.	3.6	151
62	Mycobiont contribution to tundra plant acquisition of permafrost-derived nitrogen. <i>New Phytologist</i> , 2020, 226, 126-141.	3.5	34
63	Exploring the accuracy of amplicon-based internal transcribed spacer markers for a fungal community. <i>Molecular Ecology Resources</i> , 2020, 20, 170-184.	2.2	49
64	The <i>Xylella fastidiosa</i> -Resistant Olive Cultivar 'Leccino' Has Stable Endophytic Microbiota during the Olive Quick Decline Syndrome (OQDS). <i>Pathogens</i> , 2020, 9, 35.	1.2	39
65	Fungal community assembly in drought-stressed sorghum shows stochasticity, selection, and universal ecological dynamics. <i>Nature Communications</i> , 2020, 11, 34.	5.8	176
66	Finding fungal ecological strategies: Is recycling an option?. <i>Fungal Ecology</i> , 2020, 46, 100902.	0.7	8
67	Cultivable marine fungi from the Arctic Archipelago of Svalbard and their antibacterial activity. <i>Mycology</i> , 2020, 11, 230-242.	2.0	19
68	Functional convergence in the decomposition of fungal necromass in soil and wood. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	24
69	Differences in ectomycorrhizal community assembly between native and exotic pines are reflected in their enzymatic functional capacities. <i>Plant and Soil</i> , 2020, 446, 179-193.	1.8	12
70	Native and invasive inoculation sources modify fungal community assembly and biomass production of a chaparral shrub. <i>Applied Soil Ecology</i> , 2020, 147, 103370.	2.1	7
71	Manganese and cobalt redox cycling in laterites; Biogeochemical and bioprocessing implications. <i>Chemical Geology</i> , 2020, 531, 119330.	1.4	22
72	Soil fungal community composition and functional similarity shift across distinct climatic conditions. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	14

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73	Ectomycorrhizal 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
74	The generalizability of waterâ€deficit on bacterial community composition; Siteâ€specific waterâ€availability predicts the bacterial community associated with coast redwood roots. <i>Molecular Ecology</i> , 2020, 29, 4721-4734.	2.0	7
75	Differences in rhizosphere microbial communities between native and nonâ€native <i>Phragmites australis</i> may depend on stand density. <i>Ecology and Evolution</i> , 2020, 10, 11739-11751.	0.8	15
76	Early Gut Fungal and Bacterial Microbiota and Childhood Growth. <i>Frontiers in Pediatrics</i> , 2020, 8, 572538.	0.9	13
77	Soil prokaryotic community resilience, fungal colonisation and increased cross-domain co-occurrence in response to a plant-growth enhancing organic amendment. <i>Soil Biology and Biochemistry</i> , 2020, 149, 107937.	4.2	8
78	Drivers of richness and community composition of fungal endophytes of tree seeds. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	7
79	Microbial Communities in Soils and Endosphere of <i>Solanum tuberosum</i> L. and their Response to Long-Term Fertilization. <i>Microorganisms</i> , 2020, 8, 1377.	1.6	17
80	Belowground impacts of alpine woody encroachment are determined by plant traits, local climate, and soil conditions. <i>Global Change Biology</i> , 2020, 26, 7112-7127.	4.2	26
81	The Bacterial and Fungal Microbiota of <i>Saccharina latissima</i> (Laminariales, Phaeophyceae). <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	19
82	Stem-inhabiting fungal communities differ between intact and snapped trees after hurricane Maria in a Puerto Rican tropical dry forest. <i>Forest Ecology and Management</i> , 2020, 475, 118350.	1.4	8
83	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
84	The establishment of a fungal consortium in a new winery. <i>Scientific Reports</i> , 2020, 10, 7962.	1.6	11
85	The Dynamics of Interacting Bacterial and Fungal Communities of the Mouse Colon Following Antibiotics. <i>Microbial Ecology</i> , 2020, 80, 573-592.	1.4	4
86	Secret lifestyles of pyrophilous fungi in the genus <i>Sphaerospora</i> . <i>American Journal of Botany</i> , 2020, 107, 876-885.	0.8	10
87	Comparison of Bacterial and Fungal Composition and Their Chemical Interaction in Free Tropospheric Air and Snow Over an Entire Winter Season at Mount Sonnblick, Austria. <i>Frontiers in Microbiology</i> , 2020, 11, 980.	1.5	14
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89	Colonization of Wild <i>Saccharomyces cerevisiae</i> Strains in a New Winery. <i>Beverages</i> , 2020, 6, 9.	1.3	8
90	A rapid approach to profiling diverse fungal communities using the MinIONâ„¢ nanopore sequencer. <i>BioTechniques</i> , 2020, 68, 72-78.	0.8	25

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92	Effects of thinning on soil saprotrophic and ectomycorrhizal fungi in a Korean larch plantation. <i>Forest Ecology and Management</i> , 2020, 461, 117920.	1.4	26
93	Gut mycobiome of primary sclerosing cholangitis patients is characterised by an increase of <i>Trichocladium griseum</i> and <i>Candida</i> species. <i>Gut</i> , 2020, 69, 1890-1892.	6.1	25
94	Contrasting Patterns of Functional Diversity in Coffee Root Fungal Communities Associated with Organic and Conventionally Managed Fields. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	8
95	Altered Immunity of Laboratory Mice in the Natural Environment Is Associated with Fungal Colonization. <i>Cell Host and Microbe</i> , 2020, 27, 809-822.e6.	5.1	119
96	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
97	Microbial bloom formation in a high pH spent nuclear fuel pond. <i>Science of the Total Environment</i> , 2020, 720, 137515.	3.9	24
98	Plant and Soil Drivers of Whole-Plant Microbiomes: Variation in Switchgrass Fungi from Coastal to Mountain Sites. <i>Phytobiomes Journal</i> , 2021, 5, 69-79.	1.4	17
99	Natural attenuation of lead by microbial manganese oxides in a karst aquifer. <i>Science of the Total Environment</i> , 2021, 754, 142312.	3.9	11
100	Where are the basal fungi? Current status on diversity, ecology, evolution, and taxonomy. <i>Biologia (Poland)</i> , 2021, 76, 421-440.	0.8	15
101	Agricultural Soil Management Practices Differentially Shape the Bacterial and Fungal Microbiomes of <i>Sorghum bicolor</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	13
102	Corn-soybean rotation, tillage, and foliar fungicides: Impacts on yield and soil fungi. <i>Field Crops Research</i> , 2021, 262, 108030.	2.3	16
103	Host population size is linked to orchid mycorrhizal fungal communities in roots and soil, which are shaped by microenvironment. <i>Mycorrhiza</i> , 2021, 31, 17-30.	1.3	20
104	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
105	Methods for studying the forest tree microbiome. , 2021, , 35-58.		1
106	Pipelines for Characterization of Microbial-Producing Drugs. , 2021, , .		0
107	Methodological Approaches Frame Insights into Endophyte Richness and Community Composition. <i>Microbial Ecology</i> , 2021, 82, 21-34.	1.4	13
109	Forest microbiome: Challenges and future perspectives. , 2021, , 395-399.		0

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111	A non-linear effect of the spatial structure of the soil ectomycorrhizal spore bank on the performance of pine seedlings. <i>Mycorrhiza</i> , 2021, 31, 325-333.	1.3	3
112	Greenland and Svalbard glaciers host unknown basidiomycetes: the yeast <i>Camptobasidium arcticum</i> sp. nov. and the dimorphic <i>Psychromyces glacialis</i> gen. and sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	5
113	Disentangling the Association of Corn Root Mycobiome With Plant Productivity and the Importance of Soil Physicochemical Balance in Shaping Their Relationship. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	7
114	Functional shifts of soil microbial communities associated with <i>Alliaria petiolata</i> invasion. <i>Pedobiologia</i> , 2021, 84, 150700.	0.5	15
115	Interaction of environmental eukaryotic microorganisms and fungi in the pond-cultured carps: new insights into the potential pathogenic fungi in the freshwater aquaculture. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38839-38854.	2.7	0
116	Microbial Community Shifts Reflect Losses of Native Soil Carbon with Pyrogenic and Fresh Organic Matter Additions and Are Greatest in Low-Carbon Soils. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	9
118	Pathogen and Endophyte Assemblages Co-vary With Beech Bark Disease Progression, Tree Decline, and Regional Climate. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	4
119	Allergy-related diseases and early gut fungal and bacterial microbiota abundances in children. <i>Clinical and Translational Allergy</i> , 2021, 11, e12041.	1.4	4
121	Nitrogen and phosphorus fertilization consistently favor pathogenic over mutualistic fungi in grassland soils. <i>Nature Communications</i> , 2021, 12, 3484.	5.8	116
122	Assessing the Response of Ruminal Bacterial and Fungal Microbiota to Whole-Rumen Contents Exchange in Dairy Cows. <i>Frontiers in Microbiology</i> , 2021, 12, 665776.	1.5	12
123	Different patterns of belowground fungal diversity along altitudinal gradients with respect to microhabitat and guild types. <i>Environmental Microbiology Reports</i> , 2021, 13, 649-658.	1.0	8
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125	Early chemical changes during wood decomposition are controlled by fungal communities inhabiting stems at treefall in a tropical dry forest. <i>Plant and Soil</i> , 2021, 466, 373-389.	1.8	7
126	Soil Mycobiome Is Shaped by Vegetation and Microhabitats: A Regional-Scale Study in Southeastern Brazil. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 587.	1.5	7
127	Warming intensifies soil pathogen negative feedback on a temperate tree. <i>New Phytologist</i> , 2021, 231, 2297-2307.	3.5	13
128	Dynamic Changes of the Fungal Microbiome in Alcohol Use Disorder. <i>Frontiers in Physiology</i> , 2021, 12, 699253.	1.3	45
129	Towards Improved Detection and Identification of Rust Fungal Pathogens in Environmental Samples Using a Metabarcoding Approach. <i>Phytopathology</i> , 2022, 112, 535-548.	1.1	10
130	Microbial Diversity and Metabolite Profile of Fermenting Millet in the Production of Hausa koko, a Ghanaian Fermented Cereal Porridge. <i>Frontiers in Microbiology</i> , 2021, 12, 681983.	1.5	5



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131	Fungi associated with aeroponic roots in caves and mines of New Brunswick. <i>Fungal Ecology</i> , 2021, 52, 101074.	0.7	2
132	Can root-associated fungi mediate the impact of abiotic conditions on the growth of a High Arctic herb?. <i>Soil Biology and Biochemistry</i> , 2021, 159, 108284.	4.2	0
133	Whatâ€™s for dinner this time?: DNA authentication of âœwild mushroomsâ€•in food products sold in the USA. <i>PeerJ</i> , 2021, 9, e11747.	0.9	7
134	Warming drives a â€hummockificationâ€™ of microbial communities associated with decomposing mycorrhizal fungal necromass in peatlands. <i>New Phytologist</i> , 2022, 234, 2032-2043.	3.5	11
135	Fungi-Bacteria Associations in Wilt Diseased Rhizosphere and Endosphere by Interdomain Ecological Network Analysis. <i>Frontiers in Microbiology</i> , 2021, 12, 722626.	1.5	21
136	Deciphering Succession and Assembly Patterns of Microbial Communities in a Two-Stage Solid-State Fermentation System. <i>Microbiology Spectrum</i> , 2021, 9, e0071821.	1.2	23
138	Response of soil microbiome structure and its network profiles to four soil amendments in monocropping strawberry greenhouse. <i>PLoS ONE</i> , 2021, 16, e0245180.	1.1	7
139	Environmental factors shaping bacterial, archaeal and fungal community structure in hydrothermal sediments of Guaymas Basin, Gulf of California. <i>PLoS ONE</i> , 2021, 16, e0256321.	1.1	14
140	Warming reshaped the microbial hierarchical interactions. <i>Global Change Biology</i> , 2021, 27, 6331-6347.	4.2	81
142	Stable-Isotope-Informed, Genome-Resolved Metagenomics Uncovers Potential Cross-Kingdom Interactions in Rhizosphere Soil. <i>MSphere</i> , 2021, 6, e0008521.	1.3	34
143	Ectomycorrhizal fungal decay traits along a soil nitrogen gradient. <i>New Phytologist</i> , 2021, 232, 2152-2164.	3.5	14
144	Determination of Technological Parameters and Characterization of Microbiota of the Spontaneous Sourdough Fermentation of Hull-Less Barley. <i>Foods</i> , 2021, 10, 2253.	1.9	3
145	Ectomycorrhizal access to organic nitrogen mediates CO2 fertilization response in a dominant temperate tree. <i>Nature Communications</i> , 2021, 12, 5403.	5.8	20
146	Keep your friends close: Host compartmentalisation of microbial communities facilitates decoupling from effects of habitat fragmentation. <i>Ecology Letters</i> , 2021, 24, 2674-2686.	3.0	7
147	Microbes on decomposing litter in streams: entering on the leaf or colonizing in the water?. <i>ISME Journal</i> , 2022, 16, 717-725.	4.4	14
148	Succession of diversity, functions, and interactions of the fungal community in activated sludge under aromatic hydrocarbon stress. <i>Environmental Research</i> , 2022, 204, 112143.	3.7	26
149	Soil fungal composition changes with shrub encroachment in the northern Chihuahuan Desert. <i>Fungal Ecology</i> , 2021, 53, 101096.	0.7	4
150	Land-use affects soil microbial co-occurrence networks and their putative functions. <i>Applied Soil Ecology</i> , 2022, 169, 104184.	2.1	32

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152	Multiple environmental factors influence <sup>238</sup> U, <sup>232</sup> Th and <sup>226</sup> Ra bioaccumulation in arbuscular mycorrhizal-associated plants. Science of the Total Environment, 2018, 640-641, 921-934.	3.9	7
156	Non-biological synthetic spike-in controls and the AMPtk software pipeline improve mycobiome data. PeerJ, 2018, 6, e4925.	0.9	186
157	Comparison of the performance of ITS1 and ITS2 as barcodes in amplicon-based sequencing of bioaerosols. PeerJ, 2020, 8, e8523.	0.9	54
158	Understudied, underrepresented, and unknown: Methodological biases that limit detection of early diverging fungi from environmental samples. Molecular Ecology Resources, 2022, 22, 1065-1085.	2.2	14
159	Ectomycorrhizal root tips harbor distinctive fungal associates along a soil nitrogen gradient. Fungal Ecology, 2021, 54, 101111.	0.7	5
166	Fungal metabolites—A potential source of antiviral compounds. , 2020, , 157-173.		0
169	DNA Barcoding for Species Identification in Genetically Engineered Fungi. Fungal Biology, 2020, , 371-396.	0.3	0
171	Belowground mechanisms for oak regeneration: Interactions among fire, soil microbes, and plant community alter oak seedling growth. Forest Ecology and Management, 2022, 503, 119774.	1.4	8
172	Root-associated fungal community reflects host spatial co-occurrence patterns in a subtropical forest. ISME Communications, 2021, 1, .	1.7	7
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