

The UNITE database for molecular identification of fungal taxonomic classifications

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Global Observational Needs and Resources for Marine Biodiversity. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	77
2	Frequent fire reorganizes fungal communities and slows decomposition across a heterogeneous pine savanna landscape. <i>New Phytologist</i> , 2019, 224, 916-927.	3.5	49
3	Are traded forest tree seeds a potential source of nonnative pests?. <i>Ecological Applications</i> , 2019, 29, e01971.	1.8	32
4	Making the Most of Trait-Based Approaches for Microbial Ecology. <i>Trends in Microbiology</i> , 2019, 27, 814-823.	3.5	49
5	Influence of introduced arbuscular mycorrhizal fungi and phosphorus sources on plant traits, soil properties, and rhizosphere microbial communities in organic legume-flax rotation. <i>Plant and Soil</i> , 2019, 443, 87-106.	1.8	13
6	Highly Diverse Aquatic Microbial Communities Separated by Permafrost in Greenland Show Distinct Features According to Environmental Niches. <i>Frontiers in Microbiology</i> , 2019, 10, 1583.	1.5	12
7	Microbiome composition and implications for ballast water classification using machine learning. <i>Science of the Total Environment</i> , 2019, 691, 810-818.	3.9	12
8	Identifying the mechanisms that shape fungal community and metacommunity patterns in Yunnan, China. <i>Fungal Ecology</i> , 2019, 42, 100862.	0.7	6
9	Tradeoffs in hyphal traits determine mycelium architecture in saprobic fungi. <i>Scientific Reports</i> , 2019, 9, 14152.	1.6	22
10	Bacterial and Fungal Diversity Inside the Medieval Building Constructed with Sandstone Plates and Lime Mortar as an Example of the Microbial Colonization of a Nutrient-Limited Extreme Environment (Wawel Royal Castle, Krakow, Poland). <i>Microorganisms</i> , 2019, 7, 416.	1.6	15
11	Metabarcoding assessment of prokaryotic and eukaryotic taxa in sediments from Stellwagen Bank National Marine Sanctuary. <i>Scientific Reports</i> , 2019, 9, 14820.	1.6	14
12	Soil chloride content influences the response of bacterial but not fungal diversity to silver nanoparticles entering soil via wastewater treatment processing. <i>Environmental Pollution</i> , 2019, 255, 113274.	3.7	9
13	MGnify: the microbiome analysis resource in 2020. <i>Nucleic Acids Research</i> , 2020, 48, D570-D578.	6.5	296
14	Microbial communities of the house fly <i>Musca domestica</i> vary with geographical location and habitat. <i>Microbiome</i> , 2019, 7, 147.	4.9	70
15	The European Nucleotide Archive in 2019. <i>Nucleic Acids Research</i> , 2020, 48, D70-D76.	6.5	95
16	The role of multiple global change factors in driving soil functions and microbial biodiversity. <i>Science</i> , 2019, 366, 886-890.	6.0	437
17	Assessment of the Accuracy of High-Throughput Sequencing of the ITS1 Region of <i>Neocallimastigomycota</i> for Community Composition Analysis. <i>Frontiers in Microbiology</i> , 2019, 10, 2370.	1.5	25
18	DNA- and RNA- Derived Fungal Communities in Subsurface Aquifers Only Partly Overlap but React Similarly to Environmental Factors. <i>Microorganisms</i> , 2019, 7, 341.	1.6	15

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19	Agarwood wound locations provide insight into the association between fungal diversity and volatile compounds in <i>Aquilaria sinensis</i> . Royal Society Open Science, 2019, 6, 190211.	1.1	11
20	Bacterial but Not Fungal Gut Microbiota Alterations Are Associated With Common Variable Immunodeficiency (CVID) Phenotype. Frontiers in Immunology, 2019, 10, 1914.	2.2	37
21	Fungi form interkingdom microbial communities in the primordial human gut that develop with gestational age. FASEB Journal, 2019, 33, 12825-12837.	0.2	44
22	Amplicon sequencing dataset of soil fungi and associated environmental variables collected in karst and non-karst sites across Yunnan province, southwest China. Data in Brief, 2019, 27, 104575.	0.5	1
23	Metagenomic Evaluation of Bacterial and Fungal Assemblages Enriched within Diffusion Chambers and Microbial Traps Containing Uraniferous Soils. Microorganisms, 2019, 7, 324.	1.6	26
24	The pink staircase of Sully-sur-Loire castle: Even bacteria like historic stonework. International Biodeterioration and Biodegradation, 2019, 145, 104805.	1.9	9
25	Hydnoporia, an older name for Pseudochaete and Hymenochaetopsis, and typification of the genus Hymenochaete (Hymenochaetales, Basidiomycota). Fungal Systematics and Evolution, 2019, 4, 77-96.	0.9	6
26	Effects of Agricultural Management on Rhizosphere Microbial Structure and Function in Processing Tomato Plants. Applied and Environmental Microbiology, 2019, 85, .	1.4	29
27	Potential links between wood-inhabiting and soil fungal communities: Evidence from high-throughput sequencing. MicrobiologyOpen, 2019, 8, e00856.	1.2	18
28	Over the hills, but how far away? Estimates of mushroom geographic range extents. Journal of Biogeography, 2019, 46, 1547-1557.	1.4	11
29	A Systematic Review of South American and European Mycorrhizal Research: Is there a Need for Scientific Symbiosis?. Fungal Biology, 2019, , 97-110.	0.3	4
30	Evaluating the Effect of QIIME Balanced Default Parameters on Metataxonomic Analysis Workflows With a Mock Community. Frontiers in Microbiology, 2019, 10, 1084.	1.5	8
31	Snf2 controls pulcherriminic acid biosynthesis and antifungal activity of the biocontrol yeast <i>Metschnikowia pulcherrima</i> . Molecular Microbiology, 2019, 112, 317-332.	1.2	64
32	High-Throughput Illumina MiSeq Amplicon Sequencing of Yeast Communities Associated With Indigenous Dairy Products From Republics of Benin and Niger. Frontiers in Microbiology, 2019, 10, 594.	1.5	16
33	Altitudinal gradients fail to predict fungal symbiont responses to warming. Ecology, 2019, 100, e02740.	1.5	25
34	The Soil Microbiome of GLORIA Mountain Summits in the Swiss Alps. Frontiers in Microbiology, 2019, 10, 1080.	1.5	78
35	Marine fungi. Current Biology, 2019, 29, R191-R195.	1.8	88
36	What is new and relevant for sequencing-based microbiome research? A mini-review. Journal of Advanced Research, 2019, 19, 105-112.	4.4	105

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37	The role of fungi in <i>C. difficile</i> infection: An underappreciated transkingdom interaction. <i>Fungal Genetics and Biology</i> , 2019, 129, 1-6.	0.9	13
38	Effects of graphene oxide and graphite on soil bacterial and fungal diversity. <i>Science of the Total Environment</i> , 2019, 671, 140-148.	3.9	38
39	Obscure soil microbes and where to find them. <i>ISME Journal</i> , 2019, 13, 2120-2124.	4.4	30
40	Differentiations of determinants for the community compositions of bacteria, fungi, and nitrogen fixers in various steppes. <i>Ecology and Evolution</i> , 2019, 9, 3239-3250.	0.8	12
41	Temporal evolution of the microbiome, immune system, and epigenome with disease progression in ALS mice. <i>DMM Disease Models and Mechanisms</i> , 2019, 13, .	1.2	50
42	The effects of soil phosphorus content on plant microbiota are driven by the plant phosphate starvation response. <i>PLoS Biology</i> , 2019, 17, e3000534.	2.6	126
43	Behavioral Responses of the Invasive Fly <i>Philornis downsi</i> to Stimuli from Bacteria and Yeast in the Laboratory and the Field in the Galapagos Islands. <i>Insects</i> , 2019, 10, 431.	1.0	1
44	Superior Dispersal Ability Can Lead to Persistent Ecological Dominance throughout Succession. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	10
45	OBSOLETE: Bioinformatic Platforms for Metagenomics. , 2020, , .		0
46	Corn and Soybean Host Root Endophytic Fungi with Toxicity Toward the Soybean Cyst Nematode. <i>Phytopathology</i> , 2020, 110, 603-614.	1.1	10
47	Mycobiont contribution to tundra plant acquisition of permafrost-derived nitrogen. <i>New Phytologist</i> , 2020, 226, 126-141.	3.5	34
48	A conspectus of the filamentous marine fungi of Sweden. <i>Botanica Marina</i> , 2020, 63, 141-153.	0.6	10
49	SPIKEPIPE: A metagenomic pipeline for the accurate quantification of eukaryotic species occurrences and intraspecific abundance change using DNA barcodes or mitogenomes. <i>Molecular Ecology Resources</i> , 2020, 20, 256-267.	2.2	50
50	Soil Microbial Community Responses After Amendment with Thermally Altered <i>Pinus radiata</i> Needles. <i>Microbial Ecology</i> , 2020, 79, 409-419.	1.4	0
51	Oral microbial influences on oral mucositis during radiotherapy treatment of head and neck cancer. <i>Supportive Care in Cancer</i> , 2020, 28, 2683-2691.	1.0	43
52	Effects of Continuous Sugar Beet Cropping on Rhizospheric Microbial Communities. <i>Genes</i> , 2020, 11, 13.	1.0	48
53	Evaluation of primer pairs for studying arbuscular mycorrhizal fungal community compositions using a MiSeq platform. <i>Biology and Fertility of Soils</i> , 2020, 56, 853-858.	2.3	21
54	Characterizing the ribosomal tandem repeat and its utility as a DNA barcode in lichen-forming fungi. <i>BMC Evolutionary Biology</i> , 2020, 20, 2.	3.2	16

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55	Characterization of black patina from the Tiber River embankments using Next-Generation Sequencing. PLoS ONE, 2020, 15, e0227639.	1.1	16
56	Root microbiota assembly and adaptive differentiation among European Arabidopsis populations. Nature Ecology and Evolution, 2020, 4, 122-131.	3.4	157
57	Functional convergence in the decomposition of fungal necromass in soil and wood. FEMS Microbiology Ecology, 2020, 96, .	1.3	24
58	Soil microbial community structure and function mainly respond to indirect effects in a multifactorial climate manipulation experiment. Soil Biology and Biochemistry, 2020, 142, 107704.	4.2	45
59	Characterizing fungal communities in medicinal and edible Cassiae Semen using high-throughput sequencing. International Journal of Food Microbiology, 2020, 319, 108496.	2.1	30
60	Brazilian fungal diversity represented by DNA markers generated over 20 years. Brazilian Journal of Microbiology, 2020, 51, 729-749.	0.8	5
61	Functional diversity of ligninolytic fungi associated with leaf litter decomposition. Ecological Research, 2020, 35, 30-43.	0.7	44
62	Successive passaging of a plant-associated microbiome reveals robust habitat and host genotype-dependent selection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1148-1159.	3.3	146
63	Rare microbial taxa as the major drivers of ecosystem multifunctionality in long-term fertilized soils. Soil Biology and Biochemistry, 2020, 141, 107686.	4.2	247
64	Accelerated biodegradation testing of slowly degradable polyesters in soil. Polymer Degradation and Stability, 2020, 171, 109031.	2.7	41
65	Adventurous cuisine in Laos: <i>Hebeloma parvisporum</i> , a new species in <i>Hebeloma</i> section <i>Porphyrospora</i> . Mycologia, 2020, 112, 172-184.	0.8	11
66	The "Plastisphere" of Biodegradable Plastics Is Characterized by Specific Microbial Taxa of Alpine and Arctic Soils. Frontiers in Environmental Science, 2020, 8, .	1.5	54
67	Deep microbial community profiling along the fermentation process of pulque, a biocultural resource of Mexico. Microbiological Research, 2020, 241, 126593.	2.5	23
68	A multi-omics approach to solving problems in plant disease ecology. PLoS ONE, 2020, 15, e0237975.	1.1	53
69	Regional-Scale In-Depth Analysis of Soil Fungal Diversity Reveals Strong pH and Plant Species Effects in Northern Europe. Frontiers in Microbiology, 2020, 11, 1953.	1.5	126
70	Decomposition of Organic Chemical Components in Wood by Tropical Xylaria Species. Journal of Fungi (Basel, Switzerland), 2020, 6, 186.	1.5	4
71	Ectomycorrhizal and Dark Septate Fungal Associations of Pinyon Pine Are Differentially Affected by Experimental Drought and Warming. Frontiers in Plant Science, 2020, 11, 582574.	1.7	20
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73	Interpretations of Environmental Microbial Community Studies Are Biased by the Selected 16S rRNA (Gene) Amplicon Sequencing Pipeline. <i>Frontiers in Microbiology</i> , 2020, 11, 550420.	1.5	113
74	Metagenomic data reveal diverse fungal and algal communities associated with the lichen symbiosis. <i>Symbiosis</i> , 2020, 82, 133-147.	1.2	34
75	Core Mycobiome and Their Ecological Relevance in the Gut of Five Ips Bark Beetles (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.5	34
76	Diversity and distribution of endophytic fungi in different tissues of <i>Hevea brasiliensis</i> native to the Brazilian Amazon forest. <i>Mycological Progress</i> , 2020, 19, 1057-1068.	0.5	9
77	Wastewater Treatment Processing of Silver Nanoparticles Strongly Influences Their Effects on Soil Microbial Diversity. <i>Environmental Science & Technology</i> , 2020, 54, 13538-13547.	4.6	19
78	Plant and fungal collections: Current status, future perspectives. <i>Plants People Planet</i> , 2020, 2, 499-514.	1.6	38
79	Changes in soil microbial communities in post mine ecological restoration: Implications for monitoring using high throughput DNA sequencing. <i>Science of the Total Environment</i> , 2020, 749, 142262.	3.9	33
80	Soil-microorganism-mediated invasional meltdown in plants. <i>Nature Ecology and Evolution</i> , 2020, 4, 1612-1621.	3.4	50
81	A database for ITS2 sequences from nematodes. <i>BMC Genetics</i> , 2020, 21, 74.	2.7	36
82	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
83	Microbiota in Waterlogged Archaeological Wood: Use of Next-Generation Sequencing to Evaluate the Risk of Biodegradation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4636.	1.3	12
84	Fungal Diversity Analysis of Grape Musts from Central Valley-Chile and Characterization of Potential New Starter Cultures. <i>Microorganisms</i> , 2020, 8, 956.	1.6	7
85	Biological control potential of ectomycorrhizal fungi against <i>Fusarium circinatum</i> on <i>Pinus patula</i> seedlings. <i>Biocontrol Science and Technology</i> , 2020, 30, 818-829.	0.5	1
86	Assessing anaerobic gut fungal diversity in herbivores using <i>D1</i> large ribosomal subunit sequencing and multi-year isolation. <i>Environmental Microbiology</i> , 2020, 22, 3883-3908.	1.8	32
87	GlobalFungi, a global database of fungal occurrences from high-throughput-sequencing metabarcoding studies. <i>Scientific Data</i> , 2020, 7, 228.	2.4	92
88	Host Specificity of Endophytic Fungi from Stem Tissue of Nature Farming Tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6	1.3	34
89	Organic amendments exacerbate the effects of silver nanoparticles on microbial biomass and community composition of a semiarid soil. <i>Science of the Total Environment</i> , 2020, 744, 140919.	3.9	12
90	MARES, a replicable pipeline and curated reference database for marine eukaryote metabarcoding. <i>Scientific Data</i> , 2020, 7, 209.	2.4	18

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91	Utilization of marigold (<i>Tagetes erecta</i>) flower fermentation wastewater as a fertilizer and its effect on microbial community structure in maize rhizosphere and non-rhizosphere soil. <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 522-531.	0.5	1
92	Marine fungi of the Baltic Sea. <i>Mycology</i> , 2020, 11, 195-213.	2.0	15
93	The Transition From Stochastic to Deterministic Bacterial Community Assembly During Permafrost Thaw Succession. <i>Frontiers in Microbiology</i> , 2020, 11, 596589.	1.5	29
94	Can toxin warfare against fungal parasitism influence short-term <i>Dolichospermum</i> bloom dynamics? A field observation. <i>Harmful Algae</i> , 2020, 99, 101915.	2.2	7
95	Cork Oak Endophytic Fungi as Potential Biocontrol Agents against <i>Biscogniauxia mediterranea</i> and <i>Diplodia corticola</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 287.	1.5	12
96	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
97	The Mycobiota of the Deep Sea: What Omics Can Offer. <i>Life</i> , 2020, 10, 292.	1.1	22
98	Phosphorus Reduces Negative Effects of Nitrogen Addition on Soil Microbial Communities and Functions. <i>Microorganisms</i> , 2020, 8, 1828.	1.6	29
99	Nest substrate, more than ant activity, drives fungal pathogen community dissimilarity in seed-dispersing ant nests. <i>Oecologia</i> , 2020, 194, 649-657.	0.9	4
100	Saltmarsh rhizosphere fungal communities vary by sediment type and dominant plant species cover in Nova Scotia, Canada. <i>Environmental Microbiology Reports</i> , 2021, 13, 458-463.	1.0	6
101	Preterm Infants Harbour a Rapidly Changing Mycobiota That Includes <i>Candida</i> Pathobionts. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 273.	1.5	21
102	The Lung Microbiome of Three Young Brazilian Patients With Cystic Fibrosis Colonized by Fungi. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 598938.	1.8	8
103	Fungal species associated with apple Valsa canker in East Asia. <i>Phytopathology Research</i> , 2020, 2, .	0.9	17
104	Effect of Mycorrhizal Inoculation and Irrigation on Biological Properties of Sweet Pepper Rhizosphere in Organic Field Cultivation. <i>Agronomy</i> , 2020, 10, 1693.	1.3	8
105	Identifying the "unidentified" fungi: a global-scale long-read third-generation sequencing approach. <i>Fungal Diversity</i> , 2020, 103, 273-293.	4.7	48
106	Effects of a chemical additive on the fermentation, microbial communities, and aerobic stability of corn silage with or without air stress during storage. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	20
107	Effects of plant diversity and soil properties on soil fungal community structure with secondary succession in the <i>Pinus yunnanensis</i> forest. <i>Geoderma</i> , 2020, 379, 114646.	2.3	46
108	Assessment of polycyclic aromatic hydrocarbon contamination in the Sundarbans, the world's largest tidal mangrove forest and indigenous microbial mixed biofilm-based removal of the contaminants. <i>Environmental Pollution</i> , 2020, 266, 115270.	3.7	24

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109	Microbial metabarcoding highlights different bacterial and fungal populations in honey samples from local beekeepers and market in north-eastern Italy. <i>International Journal of Food Microbiology</i> , 2020, 334, 108806.	2.1	10
110	Drought accelerated recalcitrant carbon loss by changing soil aggregation and microbial communities in a subtropical forest. <i>Soil Biology and Biochemistry</i> , 2020, 148, 107898.	4.2	34
111	Beef cattle that respond differently to fescue toxicosis have distinct gastrointestinal tract microbiota. <i>PLoS ONE</i> , 2020, 15, e0229192.	1.1	16
112	Metagenomic insights into the fungal assemblages of the northwest Himalayan cold desert. <i>Extremophiles</i> , 2020, 24, 749-758.	0.9	5
113	Thinning Partially Mitigates the Impact of Atlantic Forest Replacement by Pine Monocultures on the Soil Microbiome. <i>Frontiers in Microbiology</i> , 2020, 11, 1491.	1.5	14
114	Microbial Diversity Associated with Gwell, a Traditional French Mesophilic Fermented Milk Inoculated with a Natural Starter. <i>Microorganisms</i> , 2020, 8, 982.	1.6	12
115	Soil Fungal Communities Investigated by Metabarcoding Within Simulated Forensic Burial Contexts. <i>Frontiers in Microbiology</i> , 2020, 11, 1686.	1.5	13
116	Rapid biodegradation of renewable polyurethane foams with identification of associated microorganisms and decomposition products. <i>Bioresource Technology Reports</i> , 2020, 11, 100513.	1.5	37
117	Community Structure of Arbuscular Mycorrhizal Fungi in Soils of Switchgrass Harvested for Bioenergy. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	9
118	The enrichment of anaerobic fungi and methanogens showed higher lignocellulose degrading and methane producing ability than that of bacteria and methanogens. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 125.	1.7	14
119	Amplicon-Based Next-Generation Sequencing for Detection of Fungi in Formalin-Fixed, Paraffin-Embedded Tissues. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 1287-1293.	1.2	20
120	Sequences of Endophytic Fungal and Bacterial Communities from <i>Araucaria araucana</i> [(Molina) K. Koch, 1869] in the Coastal and Andes Mountain Ranges, Chile. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	2
121	Functional characteristic of microbial communities in large-scale biotreatment systems of food waste. <i>Science of the Total Environment</i> , 2020, 746, 141086.	3.9	37
122	<sc>Metaomics</sc> highlights the diversity, activity and adaptations of fungi in deep oceanic crust. <i>Environmental Microbiology</i> , 2020, 22, 3950-3967.	1.8	25
123	Domestication-driven changes in plant traits associated with changes in the assembly of the rhizosphere microbiota in tetraploid wheat. <i>Scientific Reports</i> , 2020, 10, 12234.	1.6	38
124	Putting COI Metabarcoding in Context: The Utility of Exact Sequence Variants (ESVs) in Biodiversity Analysis. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	37
125	Orchid epiphytes do not receive organic substances from living trees through fungi. <i>Mycorrhiza</i> , 2020, 30, 697-704.	1.3	6
126	An application of compositional data analysis to multiomic time-series data. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa079.	1.5	15

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127	Identification of plastic-associated species in the Mediterranean Sea using DNA metabarcoding with Nanopore MinION. <i>Scientific Reports</i> , 2020, 10, 17533.	1.6	54
128	Drivers of total and pathogenic soil-borne fungal communities in grassland plant species. <i>Fungal Ecology</i> , 2020, 48, 100987.	0.7	24
129	Different contribution of species sorting and exogenous species immigration from manure to soil fungal diversity and community assemblage under long-term fertilization. <i>Soil Biology and Biochemistry</i> , 2020, 151, 108049.	4.2	53
130	Daring to be differential: metabarcoding analysis of soil and plant-related microbial communities using amplicon sequence variants and operational taxonomical units. <i>BMC Genomics</i> , 2020, 21, 733.	1.2	58
131	Preliminary insights into the impact of primary radiochemotherapy on the salivary microbiome in head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2020, 10, 16582.	1.6	16
132	Fruit host-dependent fungal communities in the microbiome of wild Queensland fruit fly larvae. <i>Scientific Reports</i> , 2020, 10, 16550.	1.6	7
133	Microbiome Management by Biological and Chemical Treatments in Maize Is Linked to Plant Health. <i>Microorganisms</i> , 2020, 8, 1506.	1.6	17
134	Soil P reduces mycorrhizal colonization while favors fungal pathogens: observational and experimental evidence in <i>Bipinnula</i> (Orchidaceae). <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	14
135	Chemical composition of material extractives influences microbial growth and dynamics on wetted wood materials. <i>Scientific Reports</i> , 2020, 10, 14500.	1.6	4
136	Root-Associated Mycobiome Differentiate between Habitats Supporting Production of Different Truffle Species in Serbian Riparian Forests. <i>Microorganisms</i> , 2020, 8, 1331.	1.6	6
137	Unconventional Yeasts Are Tolerant to Common Antifungals, and <i>Aureobasidium pullulans</i> Has Low Baseline Sensitivity to Captan, Cyprodinil, and Difenconazole. <i>Antibiotics</i> , 2020, 9, 602.	1.5	6
138	Diversity and Structure of Soil Fungal Communities across Experimental Everglades Tree Islands. <i>Diversity</i> , 2020, 12, 324.	0.7	6
139	Effects of environmental factors on microbiota of fruits and soil of <i>Coffea arabica</i> in Brazil. <i>Scientific Reports</i> , 2020, 10, 14692.	1.6	43
140	The numbers of fungi: is the descriptive curve flattening?. <i>Fungal Diversity</i> , 2020, 103, 219-271.	4.7	128
141	Does Fibre-fix provided to people with irritable bowel syndrome who are consuming a low FODMAP diet improve their gut health, gut microbiome, sleep and mental health? A double-blinded, randomised controlled trial. <i>BMJ Open Gastroenterology</i> , 2020, 7, e000448.	1.1	2
142	Gut mycobiome and its interaction with diet, gut bacteria and alzheimer's disease markers in subjects with mild cognitive impairment: A pilot study. <i>EBioMedicine</i> , 2020, 59, 102950.	2.7	98
143	FAIR digital objects in environmental and life sciences should comprise workflow operation design data and method information for repeatability of study setups and reproducibility of results. <i>Database: the Journal of Biological Databases and Curation</i> , 2020, 2020, .	1.4	16
144	A total crapshoot? Evaluating bioinformatic decisions in animal diet metabarcoding analyses. <i>Ecology and Evolution</i> , 2020, 10, 9721-9739.	0.8	40

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145	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
146	Evidence for Elton's diversity-invasibility hypothesis from belowground. <i>Ecology</i> , 2020, 101, e03187.	1.5	23
147	Effects of graphene oxide on PCR amplification for microbial community survey. <i>BMC Microbiology</i> , 2020, 20, 278.	1.3	4
148	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
149	Comprehensive Fungal Community Analysis of House Dust Using Next-Generation Sequencing. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5842.	1.2	8
150	Organism body size structures the soil microbial and nematode community assembly at a continental and global scale. <i>Nature Communications</i> , 2020, 11, 6406.	5.8	113
151	The Taxon Hypothesis Paradigm—On the Unambiguous Detection and Communication of Taxa. <i>Microorganisms</i> , 2020, 8, 1910.	1.6	114
152	Essential Oils as Alternative Biocides for the Preservation of Waterlogged Archaeological Wood. <i>Microorganisms</i> , 2020, 8, 2015.	1.6	18
153	Field H ₂ infusion alters bacterial and archaeal communities but not fungal communities nor nitrogen cycle gene abundance. <i>Soil Biology and Biochemistry</i> , 2020, 151, 108018.	4.2	11
154	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
155	A low-cost pipeline for soil microbiome profiling. <i>MicrobiologyOpen</i> , 2020, 9, e1133.	1.2	8
156	Regional Differences in the Structure of <i>Juglans nigra</i> Phytobiome Reflect Geographical Differences in Thousand Cankers Disease Severity. <i>Phytobiomes Journal</i> , 2020, 4, 388-404.	1.4	7
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874	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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877	The Impact of Bio-Based Fertilizer Integration Into Conventional Grassland Fertilization Programmes on Soil Bacterial, Fungal, and Nematode Communities. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	1.8	2
878	Partners to survive: <i>Hoffmannseggia doellii</i> root-associated microbiome at the Atacama Desert. <i>New Phytologist</i> , 2022, 234, 2126-2139.	3.5	10
879	Dominant plant species and soil properties drive differential responses of fungal communities and functions in the soils and roots during secondary forest succession in the subalpine region. <i>Rhizosphere</i> , 2022, 21, 100483.	1.4	13
880	Fungal Extracellular Lipases from Coffee Plantation Environments for the Sustainable Management of Agro-Industrial Coffee Biomass. <i>Biomass</i> , 2022, 2, 62-79.	1.2	1
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882	Pairing litter decomposition with microbial community structures using the Tea Bag Index (TBI). <i>Soil</i> , 2022, 8, 163-176.	2.2	10
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889	Metabarcoding of insect-associated fungal communities: a comparison of internal transcribed spacer (ITS) and large-subunit (LSU) rRNA markers. <i>MycoKeys</i> , 2022, 88, 1-33.	0.8	6
890	A global microbiome survey of vineyard soils highlights the microbial dimension of viticultural terroirs. <i>Communications Biology</i> , 2022, 5, 241.	2.0	35
891	Estimating soil fungal abundance and diversity at a macroecological scale with deep learning spectrotransfer functions. <i>Soil</i> , 2022, 8, 223-235.	2.2	6
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894	Yeasts Inhabiting Extreme Environments and Their Biotechnological Applications. <i>Microorganisms</i> , 2022, 10, 794.	1.6	31
895	Ride the dust: linking dust dispersal and spatial distribution of microorganisms across an arid landscape. <i>Environmental Microbiology</i> , 2022, 24, 4094-4107.	1.8	7
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900	Deep-rooted perennial crops differ in capacity to stabilize C inputs in deep soil layers. <i>Scientific Reports</i> , 2022, 12, 5952.	1.6	20
901	Temporal Dynamics of Rhizosphere Communities Across the Life Cycle of <i>Panax notoginseng</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 853077.	1.5	4
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910	NSDPY: A python package to download DNA sequences from NCBI. <i>SoftwareX</i> , 2022, 18, 101038.	1.2	4

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919	Links between boreal forest management, soil fungal communities and below-ground carbon sequestration. <i>Functional Ecology</i> , 2022, 36, 392-405.	1.7	13
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927	Seasonal Dynamics and Persistency of Endophyte Communities in <i>Kalidium schrenkianum</i> Shifts Under Radiation Stress. <i>Frontiers in Microbiology</i> , 2021, 12, 778327.	1.5	7
928	The brown root rot fungus <i>Phellinus noxius</i> affects microbial communities in different root-associated niches of <i>Ficus</i> trees. <i>Environmental Microbiology</i> , 2022, 24, 276-297.	1.8	7
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935	Community RNA-Seq: multi-kingdom responses to living versus decaying roots in soil. <i>ISME Communications</i> , 2021, 1, .	1.7	8
936	Choice of cover crop influences soil fungal and bacterial communities in Prince Edward Island, Canada. <i>Canadian Journal of Microbiology</i> , 2022, , .	0.8	4
937	Influence of Different Vegetation Types on Soil Physicochemical Parameters and Fungal Communities. <i>Microorganisms</i> , 2022, 10, 829.	1.6	9
938	MIDORI2: A collection of quality controlled, preformatted, and regularly updated reference databases for taxonomic assignment of eukaryotic mitochondrial sequences. <i>Environmental DNA</i> , 2022, 4, 894-907.	3.1	30
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1258	Causes and consequences of differences in soil and seed microbiomes for two alpine plants. <i>Oecologia</i> , 0, , .	0.9	0
1259	The Diversity of Fungal Endophytes from Wild Grape <i>Vitis amurensis</i> Rupr. <i>Plants</i> , 2022, 11, 2897.	1.6	7
1260	Effects of Intercropping <i>Pandanus amaryllifolius</i> on Soil Properties and Microbial Community Composition in Areca Catechu Plantations. <i>Forests</i> , 2022, 13, 1814.	0.9	3
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1280	Dynamics of microbial populations and metabolites of fermenting saps throughout tapping process of ron and oil palm trees in CÔte d'Ivoire. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
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1297	Community of soil-inhabiting myxomycetes shares similar assembly mechanisms with fungi, and is affected by bacterial community in subtropical forests of China. <i>Soil Biology and Biochemistry</i> , 2022, 175, 108854.	4.2	7
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1318	Linking bacterial life strategies with soil organic matter accrual by karst vegetation restoration. <i>Soil Biology and Biochemistry</i> , 2023, 177, 108925.	4.2	15
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1341	Health condition and mycobiome diversity in Mediterranean tree species. <i>Frontiers in Forests and Global Change</i> , 0, 5, .	1.0	2
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1438	Reactive iron, not fungal community, drives organic carbon oxidation potential in floodplain soils. <i>Soil Biology and Biochemistry</i> , 2023, 178, 108962.	4.2	5
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1476	The Single-Seed Microbiota Reveals Rare Taxa-Associated Community Robustness. <i>Phytobiomes Journal</i> , 0, , .	1.4	5
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