

# Plant-soil feedbacks and mycorrhizal type influence ter

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Photosynthesis and aboveground carbon allocation of two co-occurring poplar species in an urban brownfield. <i>Environmental Pollution</i> , 2017, 223, 497-506.	3.7	13
2	Belowground drivers of plant diversity. <i>Science</i> , 2017, 355, 134-135.	6.0	61
3	Understanding and exploiting plant beneficial microbes. <i>Current Opinion in Plant Biology</i> , 2017, 38, 155-163.	3.5	538
4	Geographical Variation in Community Divergence: Insights from Tropical Forest Monodominance by Ectomycorrhizal Trees. <i>American Naturalist</i> , 2017, 190, S105-S122.	1.0	19
5	Temperature-mediated local adaptation alters the symbiotic function in arbuscular mycorrhiza. <i>Environmental Microbiology</i> , 2017, 19, 2616-2628.	1.8	11
6	Tree genetics defines fungal partner communities that may confer drought tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11169-11174.	3.3	203
7	Soil Biodiversity and Tree Crops Resilience. , 2017, , 321-343.		2
8	Sapling growth rates reveal conspecific negative density dependence in a temperate forest. <i>Ecology and Evolution</i> , 2017, 7, 7661-7671.	0.8	23
9	Root traits are more than analogues of leaf traits: the case for diaspore mass. <i>New Phytologist</i> , 2017, 216, 1130-1139.	3.5	71
10	Live long and prosper: plant-soil feedback, lifespan, and landscape abundance covary. <i>Ecology</i> , 2017, 98, 3063-3073.	1.5	35
11	Plant trait-based approaches for interrogating belowground function. <i>Biology and Environment</i> , 2017, 117B, 1.	0.2	48
12	Relationships between mycorrhizal type and leaf flammability in the Australian flora. <i>Pedobiologia</i> , 2017, 65, 43-49.	0.5	7
13	Exposure to the leaf litter microbiome of healthy adults protects seedlings from pathogen damage. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170641.	1.2	70
14	Conspecific negative density dependence in American beech. <i>Forest Ecosystems</i> , 2017, 4, .	1.3	8
15	Belowground top-down and aboveground bottom-up effects structure multitrophic community relationships in a biodiverse forest. <i>Scientific Reports</i> , 2017, 7, 4222.	1.6	38
17	Variable seed behavior increases recruitment success of a hardwood tree, <i>Zelkova serrata</i> , in spatially heterogeneous forest environments. <i>Forest Ecology and Management</i> , 2018, 415-416, 1-9.	1.4	10
18	Community-level plant-soil feedbacks explain landscape distribution of native and non-native plants. <i>Ecology and Evolution</i> , 2018, 8, 2041-2049.	0.8	36
19	Competition-colonization tradeoffs structure fungal diversity. <i>ISME Journal</i> , 2018, 12, 1758-1767.	4.4	91

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20	Heterospecific plant-soil feedback and its relationship to plant traits, species relatedness, and co-occurrence in natural communities. <i>Oecologia</i> , 2018, 187, 679-688.	0.9	17
21	The strength of negative plant-soil feedback increases from the intraspecific to the interspecific and the functional group level. <i>Ecology and Evolution</i> , 2018, 8, 2280-2289.	0.8	25
22	Soil microbes promote complementarity effects among co-existing trees through soil nitrogen partitioning. <i>Functional Ecology</i> , 2018, 32, 1879-1889.	1.7	31
23	Soil fungi underlie a phylogenetic pattern in plant growth responses to nitrogen enrichment. <i>Journal of Ecology</i> , 2018, 106, 2161-2175.	1.9	8
24	Opposing effects of floral visitors and soil conditions on the determinants of competitive outcomes maintain species diversity in heterogeneous landscapes. <i>Ecology Letters</i> , 2018, 21, 865-874.	3.0	60
25	The role of plant-soil feedbacks in stabilizing a reindeer-induced vegetation shift in subarctic tundra. <i>Functional Ecology</i> , 2018, 32, 1959-1971.	1.7	15
26	Towards the Integration of Niche and Network Theories. <i>Trends in Ecology and Evolution</i> , 2018, 33, 287-300.	4.2	112
27	Biogeographic differences in soil biota promote invasive grass response to nutrient addition relative to co-occurring species despite lack of belowground enemy release. <i>Oecologia</i> , 2018, 186, 611-620.	0.9	9
28	Timing of mutualist arrival has a greater effect on <i>Pinus muricata</i> seedling growth than interspecific competition. <i>Journal of Ecology</i> , 2018, 106, 514-523.	1.9	31
29	<i>In situ</i> mycorrhizal function - knowledge gaps and future directions. <i>New Phytologist</i> , 2018, 220, 957-962.	3.5	39
30	Toward more robust plant-soil feedback research. <i>Ecology</i> , 2018, 99, 550-556.	1.5	49
31	Spatial patterns of pathogenic and mutualistic fungi across the elevational range of a host plant. <i>Journal of Ecology</i> , 2018, 106, 1545-1557.	1.9	25
32	Individual species-area relationships in temperate coniferous forests. <i>Journal of Vegetation Science</i> , 2018, 29, 317-324.	1.1	15
33	Soil-borne seed pathogens: contributors to the naturalization gauntlet in Pacific Northwest (USA) forest and steppe communities?. <i>Plant Ecology</i> , 2018, 219, 359-368.	0.7	2
34	Shifts in prokaryotic communities under forest and grassland within a tropical mosaic landscape. <i>Applied Soil Ecology</i> , 2018, 125, 156-161.	2.1	2
35	Beyond ICOM8: perspectives on advances in mycorrhizal research from 2015 to 2017. <i>Mycorrhiza</i> , 2018, 28, 197-201.	1.3	4
36	Accounting for local adaptation in ectomycorrhizas: a call to track geographical origin of plants, fungi, and soils in experiments. <i>Mycorrhiza</i> , 2018, 28, 187-195.	1.3	9
37	Spatial heterogeneity in plant-soil feedbacks alters competitive interactions between two grassland plant species. <i>Functional Ecology</i> , 2018, 32, 2085-2094.	1.7	24

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38	Climate, but not trait, effects on plant–soil feedback depend on mycorrhizal type in temperate forests. <i>Ecosphere</i> , 2018, 9, e02132.	1.0	40
39	Tree species with limited geographical ranges show extreme responses to ectomycorrhizas. <i>Global Ecology and Biogeography</i> , 2018, 27, 839-848.	2.7	16
40	Global negative effects of nitrogen deposition on soil microbes. <i>ISME Journal</i> , 2018, 12, 1817-1825.	4.4	405
41	Partitioning of soil phosphorus among arbuscular and ectomycorrhizal trees in tropical and subtropical forests. <i>Ecology Letters</i> , 2018, 21, 713-723.	3.0	97
42	Mycorrhizal associations and the spatial structure of an old-growth forest community. <i>Oecologia</i> , 2018, 186, 195-204.	0.9	44
43	Niche differentiation and expansion of plant species are associated with mycorrhizal symbiosis. <i>Journal of Ecology</i> , 2018, 106, 254-264.	1.9	86
44	How belowground interactions contribute to the coexistence of mycorrhizal and non-mycorrhizal species in severely phosphorus-impooverished hyperdiverse ecosystems. <i>Plant and Soil</i> , 2018, 424, 11-33.	1.8	149
45	Janzen–Connell patterns can be induced by fungal-driven decomposition and offset by ectomycorrhizal fungi accumulated under a closely related canopy. <i>Functional Ecology</i> , 2018, 32, 785-798.	1.7	12
46	Beyond biomass: Soil feedbacks are transient over plant life stages and alter fitness. <i>Journal of Ecology</i> , 2018, 106, 230-241.	1.9	61
48	Dominant forest tree mycorrhizal type mediates understory plant invasions. <i>Ecology Letters</i> , 2018, 21, 217-224.	3.0	49
49	Plant–Soil Feedback: Bridging Natural and Agricultural Sciences. <i>Trends in Ecology and Evolution</i> , 2018, 33, 129-142.	4.2	249
50	The genetics underlying natural variation of plant–plant interactions, a beloved but forgotten member of the family of biotic interactions. <i>Plant Journal</i> , 2018, 93, 747-770.	2.8	65
51	Ecosystem responses to elevated $\text{CO}_2$ governed by plant–soil interactions and the cost of nitrogen acquisition. <i>New Phytologist</i> , 2018, 217, 507-522.	3.5	139
52	Fertilizing riparian forests: nutrient repletion across ecotones with trophic rewilding. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170439.	1.8	9
53	Mycorrhizal fungi mediate the direction and strength of plant–soil feedbacks differently between arbuscular mycorrhizal and ectomycorrhizal communities. <i>Communications Biology</i> , 2018, 1, 196.	2.0	73
54	Genetically determined fungal pathogen tolerance and soil variation influence ectomycorrhizal traits of loblolly pine. <i>Ecology and Evolution</i> , 2018, 8, 9646-9656.	0.8	6
55	Fungal diversity regulates plant-soil feedbacks in temperate grassland. <i>Science Advances</i> , 2018, 4, eaau4578.	4.7	161
56	Linking Aboveground–Belowground Ecology: A Short Historical Perspective. <i>Ecological Studies</i> , 2018, 1-17.	0.4	8

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57	How Soil Biota Drive Ecosystem Stability. <i>Trends in Plant Science</i> , 2018, 23, 1057-1067.	4.3	145
58	Insights on the persistence of pines ( <i>Pinus</i> species) in the Late Cretaceous and their increasing dominance in the Anthropocene. <i>Ecology and Evolution</i> , 2018, 8, 10345-10359.	0.8	13
59	Intraspecific Plant-Soil Feedbacks Link Ecosystem Ecology and Evolutionary Biology. <i>Ecological Studies</i> , 2018, , 69-84.	0.4	7
60	Effects of host species, environmental filtering and forest age on community assembly of ectomycorrhizal fungi in fragmented forests. <i>Fungal Ecology</i> , 2018, 36, 89-98.	0.7	30
61	Phylogenetic trait conservatism predicts patterns of plant-soil feedback. <i>Ecosphere</i> , 2018, 9, e02409.	1.0	7
62	Invasive earthworm damage predicts occupancy of a threatened forest fern: Implications for conservation and management. <i>Forest Ecology and Management</i> , 2018, 430, 291-298.	1.4	1
63	Nitrogen addition reduces soil bacterial richness, while phosphorus addition alters community composition in an old-growth N-rich tropical forest in southern China. <i>Soil Biology and Biochemistry</i> , 2018, 127, 22-30.	4.2	84
64	Impact of local forest composition on soil fungal communities in a mixed boreal forest. <i>Plant and Soil</i> , 2018, 432, 345-357.	1.8	38
65	Effects of interspecific competition on plant-soil feedbacks generated by long-term grazing. <i>Soil Biology and Biochemistry</i> , 2018, 126, 133-143.	4.2	17
66	Carbon sink despite large deforestation in African tropical dry forests (miombo woodlands). <i>Environmental Research Letters</i> , 2018, 13, 094017.	2.2	22
67	Below-ground biotic interactions moderated the postglacial range dynamics of trees. <i>New Phytologist</i> , 2018, 220, 1148-1160.	3.5	36
68	Stochastic and deterministic effects on interactions between canopy and recruiting species in forest communities. <i>Functional Ecology</i> , 2018, 32, 2264-2274.	1.7	13
69	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". <i>Science</i> , 2018, 360, .	6.0	9
70	Plant Communities as Modulators of Soil Carbon Storage. , 2018, , 29-71.		1
71	Mimicking a rainfall gradient to test the role of soil microbiota for mediating plant responses to drier conditions. <i>Oikos</i> , 2018, 127, 1776-1786.	1.2	17
72	Soil microbes regulate forest succession in a subtropical ecosystem in China: evidence from a mesocosm experiment. <i>Plant and Soil</i> , 2018, 430, 277-289.	1.8	14
73	Root-Associated Fungi Shared Between Arbuscular Mycorrhizal and Ectomycorrhizal Conifers in a Temperate Forest. <i>Frontiers in Microbiology</i> , 2018, 9, 433.	1.5	54
74	Root exudate metabolites drive plant-soil feedbacks on growth and defense by shaping the rhizosphere microbiota. <i>Nature Communications</i> , 2018, 9, 2738.	5.8	861

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75	The impact of spatial isolation and local habitat conditions on colonization of recent forest stands by ectomycorrhizal fungi. <i>Forest Ecology and Management</i> , 2018, 429, 84-92.	1.4	26
76	Mycorrhiza in tree diversity—ecosystem function relationships: conceptual framework and experimental implementation. <i>Ecosphere</i> , 2018, 9, e02226.	1.0	49
77	Ecology and Evolution of the Amanita Cyclic Peptide Toxins. , 2018, , 167-204.		0
78	The Responses of Forest Fine Root Biomass/Necromass Ratio to Environmental Factors Depend on Mycorrhizal Type and Latitudinal Region. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1769-1788.	1.3	14
79	Biotic controls of plant coexistence. <i>Journal of Ecology</i> , 2018, 106, 1767-1772.	1.9	18
80	Heterogeneity in arbuscular mycorrhizal fungal communities may contribute to inconsistent plant-soil feedback in a Neotropical forest. <i>Plant and Soil</i> , 2018, 432, 29-44.	1.8	15
81	Environment and host as large-scale controls of ectomycorrhizal fungi. <i>Nature</i> , 2018, 558, 243-248.	13.7	282
82	Relative importance of competition and plant—soil feedback, their synergy, context dependency and implications for coexistence. <i>Ecology Letters</i> , 2018, 21, 1268-1281.	3.0	197
83	Biotic and abiotic plant—soil feedback depends on nitrogen—acquisition strategy and shifts during long-term ecosystem development. <i>Journal of Ecology</i> , 2019, 107, 142-153.	1.9	41
84	Responses of plant community mycorrhization to anthropogenic influence depend on the habitat and mycorrhizal type. <i>Oikos</i> , 2019, 128, 1565-1575.	1.2	4
85	Beyond the black box: promoting mathematical collaborations for elucidating interactions in soil ecology. <i>Ecosphere</i> , 2019, 10, e02799.	1.0	8
86	Plant facilitation through mycorrhizal symbiosis is stronger between distantly related plant species. <i>New Phytologist</i> , 2019, 224, 928-935.	3.5	19
87	Microbes mediated plant stress tolerance in saline agricultural ecosystem. <i>Plant and Soil</i> , 2019, 442, 1-22.	1.8	43
88	Negative plant—soil feedbacks are stronger in agricultural habitats than in forest fragments in the tropical Andes. <i>Ecology</i> , 2019, 100, e02850.	1.5	21
89	Mycorrhizal types differ in ecophysiology and alter plant nutrition and soil processes. <i>Biological Reviews</i> , 2019, 94, 1857-1880.	4.7	178
90	Land Use Change and Water Quality Use for Irrigation Alters Drylands Soil Fungal Community in the Mezquital Valley, Mexico. <i>Frontiers in Microbiology</i> , 2019, 10, 1220.	1.5	15
91	Role of seed size and relative abundance in conspecific negative distance-dependent seedling mortality for eight tree species in a temperate forest. <i>Forest Ecology and Management</i> , 2019, 453, 117537.	1.4	19
92	The Role of Plant Litter in Driving Plant-Soil Feedbacks. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	79

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93	High-throughput sequencing revealed differences of microbial community structure and diversity between healthy and diseased <i>Caulerpa lentillifera</i> . <i>BMC Microbiology</i> , 2019, 19, 225.	1.3	18
94	Global mycorrhizal plant distribution linked to terrestrial carbon stocks. <i>Nature Communications</i> , 2019, 10, 5077.	5.8	170
95	Edge Effects on Seedling Diversity Are Mediated by Impacts of Fungi and Insects on Seedling Recruitment but Not Survival. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	1.0	7
96	Site Soil-Fertility and Light Availability Influence Plant-Soil Feedback. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	11
97	Interdomain ecological networks between plants and microbes. <i>Molecular Ecology Resources</i> , 2019, 19, 1565-1577.	2.2	64
98	Does Inoculation with Arbuscular Mycorrhizal Fungi Reduce Trunk Disease in Grapevine Rootstocks?. <i>Horticulturae</i> , 2019, 5, 61.	1.2	17
99	Enantiomeric glycosylated cationic block co-beta-peptides eradicate <i>Staphylococcus aureus</i> biofilms and antibiotic-tolerant persisters. <i>Nature Communications</i> , 2019, 10, 4792.	5.8	88
100	Bias in the detection of negative density dependence in plant communities. <i>Ecology Letters</i> , 2019, 22, 1923-1939.	3.0	84
101	Soil microbes drive phylogenetic diversity-productivity relationships in a subtropical forest. <i>Science Advances</i> , 2019, 5, eaax5088.	4.7	48
102	Taking plantâ€“soil feedbacks to the field in a temperate grassland. <i>Basic and Applied Ecology</i> , 2019, 40, 30-42.	1.2	17
103	The role of long-distance dispersal and mycorrhizas on plant colonisation within mainland Germany. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 258, 151443.	0.6	1
104	Plant-Soil Feedbacks Predict Native but Not Non-native Plant Community Composition: A 7-Year Common-Garden Experiment. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	13
105	Differential soil fungus accumulation and density dependence of trees in a subtropical forest. <i>Science</i> , 2019, 366, 124-128.	6.0	157
106	Global plantâ€“symbiont organization and emergence of biogeochemical cycles resolved by evolution-based trait modelling. <i>Nature Ecology and Evolution</i> , 2019, 3, 239-250.	3.4	79
107	Fungal communities do not recover after removing invasive <i>Alliaria petiolata</i> (garlic mustard). <i>Biological Invasions</i> , 2019, 21, 3085-3099.	1.2	14
108	Adaptive partner recruitment can help maintain an intra-guild diversity in mutualistic systems. <i>Journal of Theoretical Biology</i> , 2019, 478, 40-47.	0.8	1
109	The Effect of Forest Thinning on Soil Microbial Community Structure and Function. <i>Forests</i> , 2019, 10, 352.	0.9	24
110	Distinct Biogeography of Different Fungal Guilds and Their Associations With Plant Species Richness in Forest Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	22

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111	Microbial inoculation influences arbuscular mycorrhizal fungi community structure and nutrient dynamics in temperate tree restoration. <i>Restoration Ecology</i> , 2019, 27, 1084-1093.	1.4	11
112	Quantification of tree fine roots by real-time PCR. <i>Plant and Soil</i> , 2019, 440, 593-600.	1.8	3
113	The role of arbuscular mycorrhizal fungi in plant invasion trajectory. <i>Plant and Soil</i> , 2019, 441, 1-14.	1.8	30
114	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. <i>Nature</i> , 2019, 569, 404-408.	13.7	371
115	Diversity-dependent plant-soil feedbacks underlie long-term plant diversity effects on primary productivity. <i>Ecosphere</i> , 2019, 10, e02704.	1.0	26
116	Single introductions of soil biota and plants generate long-term legacies in soil and plant community assembly. <i>Ecology Letters</i> , 2019, 22, 1145-1151.	3.0	59
117	Plant species abundance and phylogeny explain the structure of recruitment networks. <i>New Phytologist</i> , 2019, 223, 366-376.	3.5	8
118	Range-expansion effects on the belowground plant microbiome. <i>Nature Ecology and Evolution</i> , 2019, 3, 604-611.	3.4	67
119	Role of mycorrhizal associations in tree spatial distribution patterns based on size class in an old-growth forest. <i>Oecologia</i> , 2019, 189, 971-980.	0.9	27
120	Agricultural intensification reduces microbial network complexity and the abundance of keystone taxa in roots. <i>ISME Journal</i> , 2019, 13, 1722-1736.	4.4	716
121	Host plant phylogeny and abundance predict root-associated fungal community composition and diversity of mutualists and pathogens. <i>Journal of Ecology</i> , 2019, 107, 1557-1566.	1.9	27
122	Effects of host phylogeny, habitat and spatial proximity on host specificity and diversity of pathogenic and mycorrhizal fungi in a subtropical forest. <i>New Phytologist</i> , 2019, 223, 462-474.	3.5	51
123	Shifts in dominant tree mycorrhizal associations in response to anthropogenic impacts. <i>Science Advances</i> , 2019, 5, eaav6358.	4.7	107
124	Plant selection initiates alternative successional trajectories in the soil microbial community after disturbance. <i>Ecological Monographs</i> , 2019, 89, e01367.	2.4	31
125	Arbuscular mycorrhizal fungal community recovers faster than plant community in historically disturbed Tibetan grasslands. <i>Soil Biology and Biochemistry</i> , 2019, 134, 131-141.	4.2	16
126	Bringing Plants & Soils to Life through a Simple Role-Playing Activity. <i>American Biology Teacher</i> , 2019, 81, 287-290.	0.1	2
127	Biogeographic variation of distance-dependent effects in an invasive tree species. <i>Functional Ecology</i> , 2019, 33, 1135-1143.	1.7	5
128	Domesticated tomatoes are more vulnerable to negative plant-soil feedbacks than their wild relatives. <i>Journal of Ecology</i> , 2019, 107, 1753-1766.	1.9	30



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129	Tree mycorrhizal associations mediate soil fertility effects on forest community structure in a temperate forest. <i>New Phytologist</i> , 2019, 223, 475-486.	3.5	39
130	Structural Complexity and Benthic Cover Explain Reef-Scale Variability of Fish Assemblages in Los Roques National Park, Venezuela. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	16
131	Soil Inoculation Steers Plant-Soil Feedback, Suppressing Ruderal Plant Species. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	13
132	Climate change effects on plant-soil feedbacks and consequences for biodiversity and functioning of terrestrial ecosystems. <i>Science Advances</i> , 2019, 5, eaaz1834.	4.7	245
133	The Foundation for Building the Conservation Capacity of Community Ecology. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	10
134	Suilloid fungi as global drivers of pine invasions. <i>New Phytologist</i> , 2019, 222, 714-725.	3.5	97
135	Mechanisms of plantâ€“soil feedback: interactions among biotic and abiotic drivers. <i>New Phytologist</i> , 2019, 222, 91-96.	3.5	261
136	Temperatureâ€“mediated phylogenetic assemblage of fungal communities and local adaptation in mycorrhizal symbioses. <i>Environmental Microbiology Reports</i> , 2019, 11, 215-226.	1.0	8
137	Plant-mediated partner discrimination in ectomycorrhizal mutualisms. <i>Mycorrhiza</i> , 2019, 29, 97-111.	1.3	41
138	Why are plantâ€“soil feedbacks so unpredictable, and what to do about it?. <i>Functional Ecology</i> , 2019, 33, 118-128.	1.7	91
139	Pathogen-induced tree mortality interacts with predicted climate change to alter soil respiration and nutrient availability in Mediterranean systems. <i>Biogeochemistry</i> , 2019, 142, 53-71.	1.7	14
140	Dibutyl phthalate contamination remolded the fungal community in agro-environmental system. <i>Chemosphere</i> , 2019, 215, 189-198.	4.2	27
141	Dualâ€“mycorrhizal plants: their ecology and relevance. <i>New Phytologist</i> , 2020, 225, 1835-1851.	3.5	119
142	Effects of soil microbes on plant competition: a perspective from modern coexistence theory. <i>Ecological Monographs</i> , 2020, 90, e01391.	2.4	69
143	The long-term case for partial-cutting over clear-cutting in the southern Appalachians USA. <i>New Forests</i> , 2020, 51, 273-295.	0.7	8
144	Shade tolerance and mycorrhizal type may influence sapling susceptibility to conspecific negative density dependence. <i>Journal of Ecology</i> , 2020, 108, 325-336.	1.9	19
145	Asymmetric patterns of global diversity among plants and mycorrhizal fungi. <i>Journal of Vegetation Science</i> , 2020, 31, 355-366.	1.1	20
146	Resistance of soil biota and plant growth to disturbance increases with plant diversity. <i>Ecology Letters</i> , 2020, 23, 119-128.	3.0	38

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147	Fungal community assembly in drought-stressed sorghum shows stochasticity, selection, and universal ecological dynamics. <i>Nature Communications</i> , 2020, 11, 34.	5.8	176
148	Plant-microbial interactions facilitate grassland species coexistence at the community level. <i>Oikos</i> , 2020, 129, 533-543.	1.2	8
149	Environmental predictors of vascular plant richness at large spatial scales based on protected area data of China. <i>Global Ecology and Conservation</i> , 2020, 21, e00846.	1.0	2
150	Structure and ecological function of the soil microbiome affecting plant-soil feedbacks in the presence of a soil-borne pathogen. <i>Environmental Microbiology</i> , 2020, 22, 660-676.	1.8	36
151	Insight into the truffle tripartite interactions between the black truffle ( <i>Tuber melanosporum</i> ), holm oak ( <i>Quercus ilex</i> ) and arbuscular mycorrhizal plants. <i>Plant and Soil</i> , 2020, 446, 577-594.	1.8	18
152	Regional-Scale In-Depth Analysis of Soil Fungal Diversity Reveals Strong pH and Plant Species Effects in Northern Europe. <i>Frontiers in Microbiology</i> , 2020, 11, 1953.	1.5	126
153	Adaptive capacity in the foundation tree species <i>Populus fremontii</i> : implications for resilience to climate change and non-native species invasion in the American Southwest. , 2020, 8, coaa061.		20
154	Untangling the effect of roots and mutualistic ectomycorrhizal fungi on soil metabolite profiles under ambient and elevated carbon dioxide. <i>Soil Biology and Biochemistry</i> , 2020, 151, 108021.	4.2	7
155	The influence of warming and biotic interactions on the potential for range expansion of native and nonnative species. <i>AoB PLANTS</i> , 2020, 12, plaa040.	1.2	2
156	Arbuscular mycorrhizal fungi favor invasive <i>Echinops sphaerocephalus</i> when grown in competition with native <i>Inula conyzae</i> . <i>Scientific Reports</i> , 2020, 10, 20287.	1.6	6
157	Plant diversity and local rainfall regime mediate soil ecosystem functions in tropical forests of north-east Bangladesh. <i>Environmental Advances</i> , 2020, 2, 100022.	2.2	9
158	Conspecific distance-dependent seedling performance, and replacement of conspecific seedlings by heterospecifics in five hardwood, temperate forest species. <i>Oecologia</i> , 2020, 193, 937-947.	0.9	2
159	Plant-mycorrhiza association in urban forests: Effects of the degree of urbanisation and forest size on the performance of sycamore ( <i>Acer pseudoplatanus</i> ) saplings. <i>Urban Forestry and Urban Greening</i> , 2020, 56, 126872.	2.3	8
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161	Ectomycorrhizal fungal communities in the boundary between secondary broad-leaved forests and Japanese cypress plantations. <i>Journal of Forest Research</i> , 2020, 25, 397-404.	0.7	2
162	Climate Disruption of Plant-Microbe Interactions. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 561-586.	3.8	72
163	Dominant community mycorrhizal types influence local spatial structure between adult and juvenile temperate forest tree communities. <i>Functional Ecology</i> , 2020, 34, 2571-2583.	1.7	7
164	Soil precipitation legacies influence intraspecific plant-soil feedback. <i>Ecology</i> , 2020, 101, e03142.	1.5	29

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166	Seedling survival declines with increasing conspecific density in a common temperate tree. <i>Ecosphere</i> , 2020, 11, e03292.	1.0	10
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169	Variations of density-dependent seedling survival in a temperate forest. <i>Forest Ecology and Management</i> , 2020, 468, 118158.	1.4	6
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171	Seeing the forest not just for its trees: exotic pathogens shift forest communities aboveground and belowground. <i>New Phytologist</i> , 2020, 227, 283-285.	3.5	2
172	Lithological constraints on resource economies shape the mycorrhizal composition of a Bornean rain forest. <i>New Phytologist</i> , 2020, 228, 253-268.	3.5	23
173	Soil fungal networks maintain local dominance of ectomycorrhizal trees. <i>Nature Communications</i> , 2020, 11, 2636.	5.8	81
174	Individual Plant-Soil Feedback Effects Influence Tree Growth and Rhizosphere Fungal Communities in a Temperate Forest Restoration Experiment. <i>Frontiers in Ecology and Evolution</i> , 2020, 7, .	1.1	12
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178	Distinct rhizobacterial functional assemblies assist two <i>Sedum alfredii</i> ecotypes to adopt different survival strategies under lead stress. <i>Environment International</i> , 2020, 143, 105912.	4.8	31
179	Prairie plants harbor distinct and beneficial root-endophytic bacterial communities. <i>PLoS ONE</i> , 2020, 15, e0234537.	1.1	0
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186	Associations between fungal root endophytes and grass dominance in arid highlands. <i>Fungal Ecology</i> , 2020, 45, 100924.	0.7	7
187	Plant nutrient acquisition strategies drive topsoil microbiome structure and function. <i>New Phytologist</i> , 2020, 227, 1189-1199.	3.5	96
188	Effects of Microplastic Fibers and Drought on Plant Communities. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6166-6173.	4.6	244
189	Ectomycorrhizal fungi drive positive phylogenetic plant-soil feedbacks in a regionally dominant tropical plant family. <i>Ecology</i> , 2020, 101, e03083.	1.5	44
190	Overview and challenges in the implementation of plant beneficial microbes. , 2020, , 1-18.		3
191	Biotic interactions with mycorrhizal systems as extended nutrient acquisition strategies shaping forest soil communities and functions. <i>Basic and Applied Ecology</i> , 2021, 50, 25-42.	1.2	19
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193	Contrasting patterns of microbial community and enzyme activity between rhizosphere and bulk soil along an elevation gradient. <i>Catena</i> , 2021, 196, 104921.	2.2	59
194	Is Variation in Conspecific Negative Density Dependence Driving Tree Diversity Patterns at Large Scales?. <i>Trends in Ecology and Evolution</i> , 2021, 36, 151-163.	4.2	34
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199	Residence time determines invasiveness and performance of garlic mustard ( <i>Alliaria petiolata</i> ) in North America. <i>Ecology Letters</i> , 2021, 24, 327-336.	3.0	17
200	Foundation species across a latitudinal gradient in China. <i>Ecology</i> , 2021, 102, e03234.	1.5	10

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203	Soil biota suppress maize growth and influence root traits under continuous monoculture. <i>Plant and Soil</i> , 2021, 461, 441-455.	1.8	7
204	Aboveground herbivores drive stronger plant species-specific feedback than belowground fungi to regulate tree community assembly. <i>Oecologia</i> , 2021, 195, 773-784.	0.9	2
205	Differences in phenolics produced by invasive <i>Quercus rubra</i> and native plant communities induced changes in soil microbial properties and enzymatic activity. <i>Forest Ecology and Management</i> , 2021, 482, 118901.	1.4	25
206	Effect of microrelief and water-table on vegetation dynamics in silty loam saline soils of coastal areas. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	4
207	Compatible Mycorrhizal Types Contribute to a Better Design for Mixed Eucalyptus Plantations. <i>Frontiers in Plant Science</i> , 2021, 12, 616726.	1.7	2
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214	Genetic tracking of densityâ€dependent adult recruitment: A case study in a subtropical oak. <i>Journal of Ecology</i> , 2021, 109, 2317-2328.	1.9	1
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221	Networks of friends and foes and the fate of tree seedlings. <i>New Phytologist</i> , 2021, 230, 1688-1689.	3.5	0
222	Tripartite symbioses regulate plant–soil feedback in alder. <i>Functional Ecology</i> , 2021, 35, 1353-1365.	1.7	4
223	Differential microbial assemblages associated with shikonin-producing <i>Borage</i> species in two distinct soil types. <i>Scientific Reports</i> , 2021, 11, 10788.	1.6	8
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225	Multi-dimensionality as a path forward in plant–soil feedback research. <i>Journal of Ecology</i> , 2021, 109, 3446-3465.	1.9	34
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227	Linking leaf $\delta^{15}N$ and $\delta^{13}C$ with soil fungal biodiversity, ectomycorrhizal and plant pathogenic abundance in forest ecosystems of China. <i>Catena</i> , 2021, 200, 105176.	2.2	8
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229	Biodiversity and ecosystem functioning: Have our experiments and indices been underestimating the role of facilitation?. <i>Journal of Ecology</i> , 2021, 109, 1962-1968.	1.9	36
230	Effects of soil microbial communities associated to different soil fertilization practices on tomato growth in intensive greenhouse agriculture. <i>Applied Soil Ecology</i> , 2021, 162, 103896.	2.1	11
231	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
232	The role of soil-borne fungi in driving the coexistence of <i>Pinus massoniana</i> and <i>Lithocarpus glaber</i> in a subtropical forest via plant–soil feedback. <i>Journal of Plant Ecology</i> , 2021, 14, 1189-1203.	1.2	5
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234	Interkingdom plant-microbial ecological networks under selective and clear cutting of tropical rainforest. <i>Forest Ecology and Management</i> , 2021, 491, 119182.	1.4	9
235	Relationships between plant–soil feedbacks and functional traits. <i>Journal of Ecology</i> , 2021, 109, 3411-3423.	1.9	29
236	The effects of plant–soil feedback on invasion resistance are soil context dependent. <i>Oecologia</i> , 2021, 197, 213-222.	0.9	7
237	Legacy effects of pre-crop plant functional group on fungal root symbionts of barley. <i>Ecological Applications</i> , 2021, 31, e02378.	1.8	6

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245	Variation in plant-soil interactions among temperate forest herbs. <i>Plant Ecology</i> , 2021, 222, 1225-1238.	0.7	3
246	Severance of arbuscular mycorrhizal fungal mycelial networks in restoration grasslands enhances seedling biomass. <i>New Phytologist</i> , 2021, 232, 753-761.	3.5	3
247	Effect of microfibers combined with UV-B and drought on plant community. <i>Chemosphere</i> , 2022, 288, 132413.	4.2	8
248	Soil composition and plant genotype determine benzoxazinoid-mediated plant-soil feedbacks in cereals. <i>Plant, Cell and Environment</i> , 2021, 44, 3732-3744.	2.8	8
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251	Belowground feedbacks as drivers of spatial self-organization and community assembly. <i>Physics of Life Reviews</i> , 2021, 38, 1-24.	1.5	23
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257	Fungal community of forest soil: Diversity, functions, and services. , 2021, , 231-255.		2
258	The global invader <i>Ligustrum lucidum</i> accumulates beneficial arbuscular mycorrhizal fungi in a novel range. <i>Plant Ecology</i> , 2021, 222, 397-408.	0.7	9
259	Successful seedling establishment of arbuscular mycorrhizal-compared to ectomycorrhizal-associated hardwoods in arbuscular cedar plantations. <i>Forest Ecology and Management</i> , 2020, 468, 118155.	1.4	17
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265	Natural Enemies and the Maintenance of Tropical Tree Diversity: Recent Insights and Implications for the Future of Biodiversity in a Changing World. <i>Annals of the Missouri Botanical Garden</i> , 2020, 105, 377-392.	1.3	19
266	Microbial regulation of soil carbon properties under nitrogen addition and plant inputs removal. <i>PeerJ</i> , 2019, 7, e7343.	0.9	12
267	Forest Disease Affecting Pines in the Mediterranean Basin. <i>Managing Forest Ecosystems</i> , 2021, , 183-198.	0.4	0
269	The Mycorrhizal Status in Vineyards Affected by Esca. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 869.	1.5	3
270	Microbiome influence on host community dynamics: Conceptual integration of microbiome feedback with classical host-microbe theory. <i>Ecology Letters</i> , 2021, 24, 2796-2811.	3.0	22
271	Mycorrhizal associations of tree species influence soil nitrogen dynamics via effects on soil acid-base chemistry. <i>Global Ecology and Biogeography</i> , 2022, 31, 168-182.	2.7	15
272	Limited evidence that larger acorns buffer <i>Quercus rubra</i> seedlings from density-dependent biotic stressors. <i>American Journal of Botany</i> , 2021, 108, 1861-1872.	0.8	2
273	Plant-soil biota interactions explain shifts in plant community composition under global change. <i>Functional Ecology</i> , 2021, 35, 2778-2788.	1.7	8
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280	Biotic Influences: Symbiotic Associations. , 2019, , 487-540.		3
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289	Sensitivity of soil fungal and bacterial community compositions to nitrogen and phosphorus additions in a temperate meadow. <i>Plant and Soil</i> , 2022, 471, 477-490.	1.8	16
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291	Climate warming may weaken stabilizing mechanisms in old forests. <i>Ecological Monographs</i> , 2022, 92, .	2.4	6
292	Effect of <i>Elymus nutan</i> on the assemblage of arbuscular mycorrhizal fungal communities enhanced by soil available nitrogen in the restoration succession of revegetated grassland on the Qinghai-Tibetan Plateau. <i>Land Degradation and Development</i> , 2022, 33, 931-944.	1.8	7
293	Forest tree growth is linked to mycorrhizal fungal composition and function across Europe. <i>ISME Journal</i> , 2022, 16, 1327-1336.	4.4	62
294	Coupling of plant and mycorrhizal fungal diversity: its occurrence, relevance, and possible implications under global change. <i>New Phytologist</i> , 2022, 234, 1960-1966.	3.5	23
295	Arbuscular Mycorrhizal Tree Communities Have Greater Soil Fungal Diversity and Relative Abundances of Saprotrophs and Pathogens than Ectomycorrhizal Tree Communities. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0178221.	1.4	14
296	The effects of ectomycorrhizal inoculation on survival and growth of <i>Pinus thunbergii</i> seedlings planted in saline soil. <i>Symbiosis</i> , 2022, 86, 71-80.	1.2	8
297	Plant diversity but not productivity is associated with community mycorrhization in temperate grasslands. <i>Journal of Vegetation Science</i> , 2022, 33, .	1.1	2
298	Interactions with soil fungi alter density dependence and neighborhood effects in a locally abundant dipterocarp species. <i>Ecology and Evolution</i> , 2022, 12, e8478.	0.8	0
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301	Phosphorus Limitation of Trees Influences Forest Soil Fungal Diversity in China. <i>Forests</i> , 2022, 13, 223.	0.9	11
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304	Beneficial effects of warming on temperate tree carbon storage depend on precipitation and mycorrhizal types. <i>Science of the Total Environment</i> , 2022, 819, 153086.	3.9	5
305	Changes in organic carbon and microbiology community structure due to long-term irrigated agriculture on Luvisols in the Brazilian semi-arid region. <i>Catena</i> , 2022, 212, 106058.	2.2	3
306	Functional Variability in Specific Root Respiration Translates to Autotrophic Differences in Soil Respiration in a Temperate Deciduous Forest. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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308	Opportunities for Microbiome Suppression of Weeds Using Regenerative Agricultural Technologies. <i>Frontiers in Soil Science</i> , 2022, 2, .	0.8	5
309	A framework for fineâ€root trait syndromes: syndrome coexistence may support phosphorus partitioning in tropical forests. <i>Oikos</i> , 2023, 2023, .	1.2	7
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311	Mineral and Organic Fertilizers Distinctly Affect Fungal Communities in the Crop Rhizosphere. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 251.	1.5	30
312	Phylogenetic Signal, Root Morphology, Mycorrhizal Type, and Macroinvertebrate Exclusion: Exploring Wood Decomposition in Soils Conditioned by 13 Temperate Tree Species. <i>Forests</i> , 2022, 13, 536.	0.9	2
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314	Calling for comprehensive explorations between soil invertebrates and arbuscular mycorrhizas. <i>Trends in Plant Science</i> , 2022, 27, 793-801.	4.3	10
315	Tree species diversity increases with conspecific negative density dependence across an elevation gradient. <i>Ecology Letters</i> , 2022, 25, 1237-1249.	3.0	3
316	Phylogenetic dependence of plantâ€soil feedback promotes rare species in a subtropical forest. <i>Journal of Ecology</i> , 2022, 110, 1237-1246.	1.9	5
318	Topography in tropical forests enhances growth and survival differences within and among species via water availability and biotic interactions. <i>Functional Ecology</i> , 2022, 36, 686-698.	1.7	6
319	Aboveâ€and belowâ€ground biodiversity responses to the prolonged flood pulse in centralâ€western Amazonia, Brazil. <i>Environmental DNA</i> , 2022, 4, 533-548.	3.1	1
342	Agricultural Management Drive Bacterial Community Assembly in Different Compartments of Soybean Soil-Plant Continuum. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	3
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345	Drivers of tree demographic trade-offs in a temperate forest. <i>Forest Ecosystems</i> , 2022, 9, 100044.	1.3	4
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347	A general mathematical model for coevolutionary dynamics of mutualisms with partner discrimination. <i>Theoretical Ecology</i> , 0, , .	0.4	0
348	Mycorrhizal type of woody plants influences understory species richness in British broadleaved woodlands. <i>New Phytologist</i> , 2022, 235, 2046-2053.	3.5	3
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350	Effects of dual mycorrhizal inoculation on <i>Pinus strobus</i> seedlings are influenced by soil resource availability. <i>Plant and Soil</i> , 2022, 479, 607-620.	1.8	1
351	Drought legacy effects on root morphological traits and plant biomass via soil biota feedback. <i>New Phytologist</i> , 2022, 236, 222-234.	3.5	12
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353	Functional Variability in Specific Root Respiration Translates to Autotrophic Differences in Soil Respiration in a Temperate Deciduous Forest. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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357	Stoichiometric Ratios of Carbon, Nitrogen and Phosphorus of Shrub Organs Vary with Mycorrhizal Type. <i>Agriculture (Switzerland)</i> , 2022, 12, 1061.	1.4	5
358	Experimental and observational evidence of negative conspecific density dependence in temperate ectomycorrhizal trees. <i>Ecology</i> , 0, , .	1.5	4
359	Soil inoculum identity and rate jointly steer microbiomes and plant communities in the field. <i>ISME Communications</i> , 2022, 2, .	1.7	2
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365	The multiscale feedback theory of biodiversity. <i>Trends in Ecology and Evolution</i> , 2023, 38, 171-182.	4.2	5
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380	The effects of light, conspecific density and soil fungi on seedling growth of temperate tree species. <i>Forest Ecology and Management</i> , 2023, 529, 120683.	1.4	5
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386	Host-specific soil microbes contribute to habitat restriction of closely related oaks ( <i>Quercus</i> spp.). <i>Ecology and Evolution</i> , 2022, 12, .	0.8	1
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404	The effects of geographic origin and genotype on fungal diversity of silver birch ( <i>Betula pendula</i> ). <i>Fungal Ecology</i> , 2023, 63, 101241.	0.7	0
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