

Symbiotic options for the conquest of land

Trends in Ecology and Evolution

30, 477-486

DOI: [10.1016/j.tree.2015.05.007](https://doi.org/10.1016/j.tree.2015.05.007)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Algal ancestor of land plants was preadapted for symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13390-13395.	3.3	292
3	The Evolutionary Origin of a Terrestrial Flora. <i>Current Biology</i> , 2015, 25, R899-R910.	1.8	284
4	Does a Common Pathway Transduce Symbiotic Signals in Plant-Microbe Interactions?. <i>Frontiers in Plant Science</i> , 2016, 7, 96.	1.7	116
5	Abiotic Stress Tolerance of Charophyte Green Algae: New Challenges for Omics Techniques. <i>Frontiers in Plant Science</i> , 2016, 7, 678.	1.7	120
6	Transition Metal Transport in Plants and Associated Endosymbionts: Arbuscular Mycorrhizal Fungi and Rhizobia. <i>Frontiers in Plant Science</i> , 2016, 7, 1088.	1.7	131
7	Recent Developments in Systems Biology and Metabolic Engineering of Plant-Microbe Interactions. <i>Frontiers in Plant Science</i> , 2016, 7, 1421.	1.7	73
8	Signals and cues in the evolution of plant-microbe communication. <i>Current Opinion in Plant Biology</i> , 2016, 32, 47-52.	3.5	36
9	The Mutualistic Interaction between Plants and Arbuscular Mycorrhizal Fungi. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	47
10	A phylum-level phylogenetic classification of zygomycete fungi based on genome-scale data. <i>Mycologia</i> , 2016, 108, 1028-1046.	0.8	1,092
11	Pteridophyte fungal associations: Current knowledge and future perspectives. <i>Journal of Systematics and Evolution</i> , 2016, 54, 666-678.	1.6	27
12	Life's a beach - the colonization of the terrestrial environment. <i>New Phytologist</i> , 2016, 212, 831-835.	3.5	8
13	Recent literature on bryophytes - 119(3). <i>Bryologist</i> , 2016, 119, 300-315.	0.1	0
15	Disentangling the factors shaping microbiota composition across the plant holobiont. <i>New Phytologist</i> , 2016, 209, 454-457.	3.5	97
16	Functional analysis of liverworts in dual symbiosis with Glomeromycota and Mucoromycotina fungi under a simulated Palaeozoic CO ₂ decline. <i>ISME Journal</i> , 2016, 10, 1514-1526.	4.4	92
17	The Identification of Phytohormone Receptor Homologs in Early Diverging Fungi Suggests a Role for Plant Sensing in Land Colonization by Fungi. <i>MBio</i> , 2017, 8, .	1.8	41
18	Mucor: A Janus-faced fungal genus with human health impact and industrial applications. <i>Fungal Biology Reviews</i> , 2017, 31, 12-32.	1.9	61
19	How to know the fungi: combining field inventories and DNA barcoding to document fungal diversity. <i>New Phytologist</i> , 2017, 214, 913-919.	3.5	118
20	Symbiosis in eukaryotic evolution. <i>Journal of Theoretical Biology</i> , 2017, 434, 20-33.	0.8	113

#	ARTICLE	IF	CITATIONS
21	History and Natural History of Plants and Their Associates. Structure and Function of Mountain Ecosystems in Japan, 2017, , 7-61.	0.1	1
22	Obligate Pollination Mutualism. Structure and Function of Mountain Ecosystems in Japan, 2017, , .	0.1	18
23	Ancestral alliances: Plant mutualistic symbioses with fungi and bacteria. Science, 2017, 356, .	6.0	333
24	Fine root endophytes under scrutiny: a review of the literature on arbuscule-producing fungi recently suggested to belong to the Mucoromycotina. Mycorrhiza, 2017, 27, 619-638.	1.3	67
25	How Embryophytic is the Biosynthesis of Phenylpropanoids and their Derivatives in Streptophyte Algae?. Plant and Cell Physiology, 2017, 58, 934-945.	1.5	102
26	Magnitude, Dynamics, and Control of the Carbon Flow to Mycorrhizas. , 2017, , 375-393.		6
27	Root-associated fungal microbiota of nonmycorrhizal <i>Arabis alpina</i> and its contribution to plant phosphorus nutrition. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9403-E9412.	3.3	239
28	Mycorrhizosphere Interactions to Improve a Sustainable Production of Legumes. , 2017, , 199-225.		7
29	Fine endophytes (<i>Glomus tenue</i>) are related to Mucoromycotina, not Glomeromycota. New Phytologist, 2017, 213, 481-486.	3.5	101
30	Comparative phylogenomics of symbiotic associations. New Phytologist, 2017, 213, 89-94.	3.5	40
31	Matworld – the biogeochemical effects of early life on land. New Phytologist, 2017, 215, 531-537.	3.5	47
32	The Mutualistic Interaction between Plants and Arbuscular Mycorrhizal Fungi. , 0, , 727-747.		6
33	Multigene phylogeny of Endogonales, an early diverging lineage of fungi associated with plants. IMA Fungus, 2017, 8, 245-257.	1.7	45
34	Evolutionary history resolves global organization of root functional traits. Nature, 2018, 555, 94-97.	13.7	463
35	Great moments in evolution: the conquest of land by plants. Current Opinion in Plant Biology, 2018, 42, 49-54.	3.5	153
36	The Mycoheterotrophic Symbiosis Between Orchids and Mycorrhizal Fungi Possesses Major Components Shared with Mutualistic Plant-Mycorrhizal Symbioses. Molecular Plant-Microbe Interactions, 2018, 31, 1032-1047.	1.4	32
37	RNA-based analyses reveal fungal communities structured by a senescence gradient in the moss <i>Dicranum scoparium</i> and the presence of putative multi-trophic fungi. New Phytologist, 2018, 218, 1597-1611.	3.5	44
38	A novel experimental system using the liverwort <i>Marchantia polymorpha</i> and its fungal endophytes reveals diverse and context-dependent effects. New Phytologist, 2018, 218, 1217-1232.	3.5	54

#	ARTICLE	IF	CITATIONS
39	CHASEing Cytokinin Receptors in Plants, Bacteria, Fungi, and Beyond. <i>Trends in Plant Science</i> , 2018, 23, 179-181.	4.3	25
40	Assembly and ecological function of the root microbiome across angiosperm plant species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1157-E1165.	3.3	739
41	A mycorrhizal revolution. <i>Current Opinion in Plant Biology</i> , 2018, 44, 1-6.	3.5	73
42	Evolution and palaeophysiology of the vascular system and other means of long-distance transport. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160497.	1.8	14
43	The evolution of the stomatal apparatus: intercellular spaces and sporophyte water relations in bryophytes—two ignored dimensions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160498.	1.8	46
44	Fungi and fungal interactions in the Rhynie chert: a review of the evidence, with the description of <i>Perexiflasca tayloriana</i> gen. et sp. nov. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160500.	1.8	36
45	Nutrient acquisition by symbiotic fungi governs Palaeozoic climate transition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160503.	1.8	22
46	Plant evolution: landmarks on the path to terrestrial life. <i>New Phytologist</i> , 2018, 217, 1428-1434.	3.5	236
47	From rhizoids to roots? Experimental evidence of mutualism between liverworts and ascomycete fungi. <i>Annals of Botany</i> , 2018, 121, 221-227.	1.4	33
48	Beneficial associations between Brassicaceae plants and fungal endophytes under nutrient-limiting conditions: evolutionary origins and host-symbiont molecular mechanisms. <i>Current Opinion in Plant Biology</i> , 2018, 44, 145-154.	3.5	61
49	Unity in diversity: structural and functional insights into the ancient partnerships between plants and fungi. <i>New Phytologist</i> , 2018, 220, 996-1011.	3.5	84
50	Out of Water: The Origin and Early Diversification of Plant <i>R</i> -Genes. <i>Plant Physiology</i> , 2018, 177, 82-89.	2.3	117
51	Plant Cuttings: news in Botany. <i>Annals of Botany</i> , 2018, 121, v-viii.	1.4	0
52	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
53	Xyloglucan is released by plants and promotes soil particle aggregation. <i>New Phytologist</i> , 2018, 217, 1128-1136.	3.5	79
54	Mycorrhizal divergence and selection against immigrant seeds in forest and dune populations of the partially mycoheterotrophic <i>Pyrola rotundifolia</i> . <i>Molecular Ecology</i> , 2018, 27, 5228-5237.	2.0	7
55	Evolution of the Symbiosis-Specific GRAS Regulatory Network in Bryophytes. <i>Frontiers in Plant Science</i> , 2018, 9, 1621.	1.7	17
56	Plant Phenotypic Traits Eventually Shape Its Microbiota: A Common Garden Test. <i>Frontiers in Microbiology</i> , 2018, 9, 2479.	1.5	68

#	ARTICLE	IF	CITATIONS
57	Ancient plants with ancient fungi: liverworts associate with early-diverging arbuscular mycorrhizal fungi. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181600.	1.2	46
58	Soil-Plant-Atmosphere Interactions. <i>Developments in Soil Science</i> , 2018, , 29-60.	0.5	4
59	Beneficial Services of Arbuscular Mycorrhizal Fungi – From Ecology to Application. <i>Frontiers in Plant Science</i> , 2018, 9, 1270.	1.7	337
60	Production of bioproducts by endophytic fungi: chemical ecology, biotechnological applications, bottlenecks, and solutions. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6279-6298.	1.7	57
61	On plant defense signaling networks and early land plant evolution. <i>Communicative and Integrative Biology</i> , 2018, 11, 1-14.	0.6	54
62	The Art of Self-Control – Autoregulation of Plant-Microbe Symbioses. <i>Frontiers in Plant Science</i> , 2018, 9, 988.	1.7	42
63	Evolutionary dynamics of mycorrhizal symbiosis in land plant diversification. <i>Scientific Reports</i> , 2018, 8, 10698.	1.6	51
64	Modulation of Phytohormone Signaling: A Primary Function of Flavonoids in Plant-Environment Interactions. <i>Frontiers in Plant Science</i> , 2018, 9, 1042.	1.7	134
65	Demystifying the liverwort <i>Radula marginata</i> , a critical review on its taxonomy, genetics, cannabinoid phytochemistry and pharmacology. <i>Phytochemistry Reviews</i> , 2019, 18, 953-965.	3.1	19
66	How Plants Enhance Weathering and How Weathering is Important to Plants. <i>Elements</i> , 2019, 15, 241-246.	0.5	33
67	Dual colonization of Mucoromycotina and Glomeromycotina fungi in the basal liverwort, <i>Haplomitrium mnioides</i> (Haplomitriopsida). <i>Journal of Plant Research</i> , 2019, 132, 777-788.	1.2	4
68	Fungal evolution: diversity, taxonomy and phylogeny of the Fungi. <i>Biological Reviews</i> , 2019, 94, 2101-2137.	4.7	191
69	Evolution and networks in ancient and widespread symbioses between Mucoromycotina and liverworts. <i>Mycorrhiza</i> , 2019, 29, 551-565.	1.3	20
70	The role of nutrient balance in shaping plant root-fungal interactions: facts and speculation. <i>Current Opinion in Microbiology</i> , 2019, 49, 90-96.	2.3	23
71	Carbon assimilation profiles of mucoralean fungi show their metabolic versatility. <i>Scientific Reports</i> , 2019, 9, 11864.	1.6	17
72	Phylogenomic delineation of <i>Physcomitrium</i> (Bryophyta: Funariaceae) based on targeted sequencing of nuclear exons and their flanking regions rejects the retention of <i>Physcomitrella</i> , <i>Physcomitridium</i> and <i>Aphanorrhagma</i> . <i>Journal of Systematics and Evolution</i> , 2019, 57, 404-417.	1.6	74
73	Land Plants. , 2019, , 347-397.		2
74	Ectomycorrhizal symbiosis helps plants to challenge salt stress conditions. <i>Mycorrhiza</i> , 2019, 29, 291-301.	1.3	40

#	ARTICLE	IF	CITATIONS
75	Fungal evolution: major ecological adaptations and evolutionary transitions. <i>Biological Reviews</i> , 2019, 94, 1443-1476.	4.7	181
76	Differential gene expression associated with fungal trophic shifts along the senescence gradient of the moss <i>Dicranum scoparium</i> . <i>Environmental Microbiology</i> , 2019, 21, 2273-2289.	1.8	11
77	Mechanisms and Impact of Symbiotic Phosphate Acquisition. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a034603.	2.3	53
78	Live Imaging of Arbuscular Mycorrhizal Symbiosis. <i>Rhizosphere Biology</i> , 2019, , 241-253.	0.4	0
79	Mycorrhizal symbioses and the evolution of trophic modes in plants. <i>Journal of Ecology</i> , 2019, 107, 1567-1581.	1.9	51
80	Functional complementarity of ancient plant-fungal mutualisms: contrasting nitrogen, phosphorus and carbon exchanges between Mucoromycotina and Glomeromycotina fungal symbionts of liverworts. <i>New Phytologist</i> , 2019, 223, 908-921.	3.5	47
82	Mucoromycotina Fine Root Endophyte Fungi Form Nutritional Mutualisms with Vascular Plants. <i>Plant Physiology</i> , 2019, 181, 565-577.	2.3	51
83	From pathogen to endophyte: an endophytic population of <i>Verticillium dahliae</i> evolved from a sympatric pathogenic population. <i>New Phytologist</i> , 2019, 222, 497-510.	3.5	38
84	Phylogenomics of Endogonaceae and evolution of mycorrhizas within Mucoromycota. <i>New Phytologist</i> , 2019, 222, 511-525.	3.5	81
85	Micronutrient transport in mycorrhizal symbiosis; zinc steals the show. <i>Fungal Biology Reviews</i> , 2020, 34, 1-9.	1.9	26
86	Isolation of Natural Fungal Pathogens from <i>Marchantia polymorpha</i> Reveals Antagonism between Salicylic Acid and Jasmonate during Liverwort-Fungal Interactions. <i>Plant and Cell Physiology</i> , 2020, 61, 265-275.	1.5	33
87	Prevalence and phenology of fine root endophyte colonization across populations of <i>Lycopodiella inundata</i> . <i>Mycorrhiza</i> , 2020, 30, 577-587.	1.3	17
88	A Compressive Review about Taxol®: History and Future Challenges. <i>Molecules</i> , 2020, 25, 5986.	1.7	148
89	Effects of inoculated mycorrhizal fungi and non-mycorrhizal beneficial microorganisms on plant traits, nutrient uptake and root-associated fungal community composition of the <i>Cymbidium hybridum</i> in greenhouse. <i>Journal of Applied Microbiology</i> , 2021, 131, 413-424.	1.4	11
90	Impact of trees and forests on the Devonian landscape and weathering processes with implications to the global Earth's system properties - A critical review. <i>Earth-Science Reviews</i> , 2020, 205, 103200.	4.0	29
91	The impacts of land plant evolution on Earth's climate and oxygenation state - An interdisciplinary review. <i>Chemical Geology</i> , 2020, 547, 119665.	1.4	77
92	The Plant Microbiome: From Ecology to Reductionism and Beyond. <i>Annual Review of Microbiology</i> , 2020, 74, 81-100.	2.9	225
93	Isotopic and molecular data support mixotrophy in <i>Ophioglossum</i> at the sporophytic stage. <i>New Phytologist</i> , 2020, 228, 415-419.	3.5	12

#	ARTICLE	IF	CITATIONS
94	Are fungiâ€derived genomic regions related to antagonism towards fungi in mosses?. <i>New Phytologist</i> , 2020, 228, 1169-1175.	3.5	8
95	Rhizobium Inoculation Drives the Shifting of Rhizosphere Fungal Community in a Host Genotype Dependent Manner. <i>Frontiers in Microbiology</i> , 2019, 10, 3135.	1.5	23
96	Soil properties explain tree growth and mortality, but not biomass, across phosphorus-depleted tropical forests. <i>Scientific Reports</i> , 2020, 10, 2302.	1.6	74
97	Evo-physio: on stress responses and the earliest land plants. <i>Journal of Experimental Botany</i> , 2020, 71, 3254-3269.	2.4	107
98	Mycorrhizas for a changing world: Sustainability, conservation, and society. <i>Plants People Planet</i> , 2020, 2, 98-103.	1.6	13
99	The Origin of Land Plants Is Rooted in Two Bursts of Genomic Novelty. <i>Current Biology</i> , 2020, 30, 530-536.e2.	1.8	88
100	Modulation of the Root Microbiome by Plant Molecules: The Basis for Targeted Disease Suppression and Plant Growth Promotion. <i>Frontiers in Plant Science</i> , 2019, 10, 1741.	1.7	354
101	Evidence for Co-evolutionary History of Early Diverging Lycopodiaceae Plants With Fungi. <i>Frontiers in Microbiology</i> , 2019, 10, 2944.	1.5	18
102	Temporal tracking of quantum-dot apatite across in vitro mycorrhizal networks shows how host demand can influence fungal nutrient transfer strategies. <i>ISME Journal</i> , 2021, 15, 435-449.	4.4	35
103	Where are the basal fungi? Current status on diversity, ecology, evolution, and taxonomy. <i>Biologia (Poland)</i> , 2021, 76, 421-440.	0.8	15
104	High gene space divergence contrasts with frozen vegetative architecture in the moss family Funariaceae. <i>Molecular Phylogenetics and Evolution</i> , 2021, 154, 106965.	1.2	5
105	Mycorrhizal fungi control phosphorus value in trade symbiosis with host roots when exposed to abrupt â€crashesâ€™ and â€boomsâ€™ of resource availability. <i>New Phytologist</i> , 2021, 229, 2933-2944.	3.5	30
106	Evidence for mycorrhizal cheating in <i>Apostasia nipponica</i> , an earlyâ€diverging member of the Orchidaceae. <i>New Phytologist</i> , 2021, 229, 2302-2310.	3.5	21
107	Fungal genes in the innovation and evolution of land plants. <i>Plant Signaling and Behavior</i> , 2021, 16, 1879534.	1.2	1
108	Friends in low places: Soil derived microbial inoculants for biostimulation and biocontrol in crop production. , 2021, , 15-31.		5
109	Bioactive natural products of endophytic fungal origin: Production, activity and biotechnology. , 2021, , 177-199.		0
110	Can arbuscular mycorrhizal fungi speed up carbon sequestration by enhanced weathering?. <i>Plants People Planet</i> , 2021, 3, 445-453.	1.6	25
111	Cryptogamic ground covers as analogues for early terrestrial biospheres: Initiation and evolution of biologically mediated protoâ€soils. <i>Geobiology</i> , 2021, 19, 292-306.	1.1	17

#	ARTICLE	IF	CITATIONS
112	A Symbiotic Approach to Generating Stress Tolerant Crops. <i>Microorganisms</i> , 2021, 9, 920.	1.6	11
113	Experimental evidence of strong relationships between soil microbial communities and plant germination. <i>Journal of Ecology</i> , 2021, 109, 2488-2498.	1.9	17
114	Can fungal endophytes fast-track plant adaptations to climate change?. <i>Fungal Ecology</i> , 2021, 50, 101039.	0.7	32
115	Carbon for nutrient exchange between <i>Lycopodiella inundata</i> and <i>Mucoromycotina</i> fine root endophytes is unresponsive to high atmospheric CO ₂ . <i>Mycorrhiza</i> , 2021, 31, 431-440.	1.3	7
116	Symbiont switching and trophic mode shifts in <i>Orchidaceae</i> . <i>New Phytologist</i> , 2021, 231, 791-800.	3.5	24
117	Influence of Tall Fescue <i>Epichloa</i> Endophytes on Rhizosphere Soil Microbiome. <i>Microorganisms</i> , 2021, 9, 1843.	1.6	10
118	Symbiotic germination and development of fully mycoheterotrophic plants convergently targeting similar <i>Glomeraceae</i> taxa. <i>Environmental Microbiology</i> , 2021, 23, 6328-6343.	1.8	3
119	Microbial methylglyoxal metabolism contributes towards growth promotion and stress tolerance in plants. <i>Environmental Microbiology</i> , 2022, 24, 2817-2836.	1.8	4
120	The role of quercetin in plants. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 10-19.	2.8	181
121	Interactions Between Soil Mesofauna and Edible Ectomycorrhizal Mushrooms. , 2020, , 367-405.		2
122	Plant Microbiome and Its Important in Stressful Agriculture. , 2020, , 13-48.		12
123	Fate of Micronutrients in Alkaline Soils. , 2020, , 577-613.		6
124	Paying the Rent: How Endophytic Microorganisms Help Plant Hosts Obtain Nutrients. , 2019, , 770-788.		3
127	Microbiome-Dependent Adaptation of Seaweeds Under Environmental Stresses: A Perspective. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	33
128	Molecular Evidence of <i>Mucoromycotina</i> "Fine Root Endophyte" Fungi in Agricultural Crops. <i>Biology and Life Sciences Forum</i> , 2020, 4, .	0.6	3
133	The Fascinating World of Belowground Communication. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	1
134	Evolutionary betâ€hedging in arbuscular mycorrhizaâ€associating angiosperms. <i>New Phytologist</i> , 2022, 233, 1984-1987.	3.5	14
138	Phytomicrobiome Studies for Combating the Abiotic Stress. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 10493-10509.	1.0	1

#	ARTICLE	IF	CITATIONS
140	An overview of bioinformatics, genomics, and transcriptomics resources for bryophytes. <i>Journal of Experimental Botany</i> , 2022, 73, 4291-4305.	2.4	11
141	Diversity, phylogeny, and adaptation of bryophytes: insights from genomic and transcriptomic data. <i>Journal of Experimental Botany</i> , 2022, 73, 4306-4322.	2.4	16
142	Comparative transcriptomics of fungal endophytes in co-culture with their moss host <i>Dicranum scoparium</i> reveals fungal trophic lability and moss unchanged to slightly increased growth rates. <i>New Phytologist</i> , 2022, 234, 1832-1847.	3.5	5
143	Endofitne glive v biotičnem varstvu rastlin pred škodljivimi organizmi in njihov posreden vpliv na rastline. <i>Acta Agriculturae Slovenica</i> , 2021, 117, 1.	0.2	0
144	Potentials of Endophytic Fungi in the Biosynthesis of Versatile Secondary Metabolites and Enzymes. <i>Forests</i> , 2021, 12, 1784.	0.9	11
155	Analysing diversification dynamics using barcoding data: The case of an obligate mycorrhizal symbiont. <i>Molecular Ecology</i> , 2022, 31, 3496-3512.	2.0	6
156	The potential role of Mucoromycotina fine root endophytes in plant nitrogen nutrition. <i>Physiologia Plantarum</i> , 2022, 174, e13715.	2.6	14
157	Beyond Photoprotection: The Multifarious Roles of Flavonoids in Plant Terrestrialization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5284.	1.8	15
158	Metabolite profiling reveals insights into the species-dependent cold stress response of the green seaweed holobiont <i>Ulva</i> (Chlorophyta). <i>Environmental and Experimental Botany</i> , 2022, 200, 104913.	2.0	8
159	Plant-microbe interactions that have impacted plant terrestrializations. <i>Plant Physiology</i> , 2022, 190, 72-84.	2.3	10
160	Plant-microbe symbiosis widens the habitability range of the Daisyworld. <i>Journal of Theoretical Biology</i> , 2022, 554, 111275.	0.8	1
161	The Epidemiology and Control of Olive Quick Decline Syndrome in Salento (Apulia, Italy). <i>Agronomy</i> , 2022, 12, 2475.	1.3	7
162	Direct nitrogen, phosphorus and carbon exchanges between Mucoromycotina fine root endophyte fungi and a flowering plant in novel monoxenic cultures. <i>New Phytologist</i> , 2023, 238, 70-79.	3.5	18
163	Genome-wide analysis of the laccase gene family in wheat and relationship with arbuscular mycorrhizal colonization. <i>Planta</i> , 2023, 257, .	1.6	1
164	Bioactive compounds of <i>Curvularia</i> species as a source of various biological activities and biotechnological applications. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	9
165	Bryophilous Agaricomycetes (Fungi, Basidiomycota): A Review to Brazil. , 0, , .		0
166	The origin of a land flora. <i>Nature Plants</i> , 2022, 8, 1352-1369.	4.7	39
167	The mechanisms underpinning lateral gene transfer between grasses. <i>Plants People Planet</i> , 2023, 5, 672-682.	1.6	3

#	ARTICLE	IF	CITATIONS
168	Terrestrial surface stabilisation by modern analogues of the earliest land plants: A multi-dimensional imaging study. <i>Geobiology</i> , 2023, 21, 454-473.	1.1	2