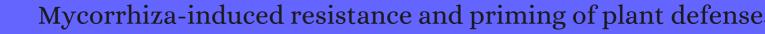
CITATION REPORT List of articles citing



DOI: 10.1007/s10886-012-0134-6 Journal of Chemical Ecology, 2012, 38, 651-64.

Source: https://exaly.com/paper-pdf/54402147/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
652	Development of arbuscular mycorrhizal biotechnology and industry: current achievements and bottlenecks. 2012 , 58, 29-37		65
651	Root herbivore effects on aboveground multitrophic interactions: patterns, processes and mechanisms. <i>Journal of Chemical Ecology</i> , 2012 , 38, 755-67	2.7	80
650	Foraging in the dark - chemically mediated host plant location by belowground insect herbivores. Journal of Chemical Ecology, 2012, 38, 604-14	2.7	85
649	Volatile mediated interactions between bacteria and fungi in the soil. <i>Journal of Chemical Ecology</i> , 2012 , 38, 665-703	2.7	355
648	Volatile organic compound mediated interactions at the plant-microbe interface. <i>Journal of Chemical Ecology</i> , 2013 , 39, 810-25	2.7	148
647	The impact of arbuscular mycorrhizal fungi on plant growth following herbivory: A search for pattern. 2013 , 52, 1-9		25
646	Mycorrhiza-induced resistance: more than the sum of its parts?. 2013 , 18, 539-45		281
645	Priming of anti-herbivore defense in tomato by arbuscular mycorrhizal fungus and involvement of the jasmonate pathway. <i>Journal of Chemical Ecology</i> , 2013 , 39, 1036-44	2.7	87
644	Biological control of bacterial wilt of common bean by plant growth-promoting rhizobacteria. 2013 , 66, 65-71		39
643	Properties of the halophyte microbiome and their implications for plant salt tolerance. 2013 , 40, 940-9	51	98
642	Symbiotic Endophytes. 2013 ,		3
641	Activation of the Jasmonate Biosynthesis Pathway in Roots in Drought Stress. 2013, 325-342		4
640	A paradigm for endosymbiotic life: cell differentiation of Rhizobium bacteria provoked by host plant factors. 2013 , 67, 611-28		133
639	Gut and root microbiota commonalities. 2013 , 79, 2-9		74
638	Underground signals carried through common mycelial networks warn neighbouring plants of aphid attack. 2013 , 16, 835-43		227
637	Tolerance to Fusarium wilt and anthracnose diseases and changes of antioxidative activity in mycorrhizal cyclamen. 2013 , 47, 41-48		27
636	Plant species distributions along environmental gradients: do belowground interactions with fungi matter?. 2013 , 4, 500		29

(2014-2013)

635	agroecosystem. 2013 , 4, 338	29
634	How can we exploit above-belowground interactions to assist in addressing the challenges of food security?. 2013 , 4, 432	26
633	Two-way plant mediated interactions between root-associated microbes and insects: from ecology to mechanisms. 2013 , 4, 414	87
632	Plant pathogens structure arthropod communities across multiple spatial and temporal scales. 2013 , 27, 633-645	89
631	Alterations in Root Exudation of Intercropped Tomato Mediated by the Arbuscular Mycorrhizal Fungus Glomus mosseae and the Soilborne Pathogen Fusarium oxysporum f.sp. lycopersici. 2013 , 161, 763-773	39
630	Growth of Arabidopsis seedlings on high fungal doses of Piriformospora indica has little effect on plant performance, stress, and defense gene expression in spite of elevated jasmonic acid and jasmonic acidevale in the roots. 2013 , 8, e26301	21
629	Arbuscular Mycorrhizas and their Significance in Promoting Soil-Plant System Sustainability against Environmental Stresses. 2013 , 353-387	27
628	Piriformospora indica root colonization triggers local and systemic root responses and inhibits secondary colonization of distal roots. 2013 , 8, e69352	21
627	Managing Soil Biota-Mediated Decomposition and Nutrient Mineralization in Sustainable Agroecosystems. 2014 , 2014, 1-13	15
626	GROWTH DYNAMICS OF PAPAYA DUE TO MYCORRHIZAL INOCULATION AND PHOSPHOROUS FERTILIZATION. 2014 , XX, 223-237	1
626 625		1
	FERTILIZATION. 2014 , XX, 223-237 . 2014 ,	
625	FERTILIZATION. 2014 , XX, 223-237 . 2014 ,	
625 624	. 2014, How do Beneficial Microbes Induce Systemic Resistance?. 2014, 232-248	3
625 624 623	. 2014, How do Beneficial Microbes Induce Systemic Resistance?. 2014, 232-248 The Role of Microbial Inoculants in Integrated Crop Management Systems. 2014, 57, 291-309 Determinants of survival over 7 years for a natural cohort of sugar maple seedlings in a northern	4 3 29
625 624 623	. 2014, How do Beneficial Microbes Induce Systemic Resistance?. 2014, 232-248 The Role of Microbial Inoculants in Integrated Crop Management Systems. 2014, 57, 291-309 Determinants of survival over 7 years for a natural cohort of sugar maple seedlings in a northern hardwood forest. 2014, 44, 1112-1121	4 3 29
625 624 623 622	. 2014, How do Beneficial Microbes Induce Systemic Resistance?. 2014, 232-248 The Role of Microbial Inoculants in Integrated Crop Management Systems. 2014, 57, 291-309 Determinants of survival over 7 years for a natural cohort of sugar maple seedlings in a northern hardwood forest. 2014, 44, 1112-1121 Fungal mutualists enhance growth and phytochemical content in Echinacea purpurea. 2014, 63, 111-121 Arbuscular mycorrhizal symbiosis and osmotic adjustment in response to NaCl stress: a	4 3 29 15

617	From root to fruit: RNA-Seq analysis shows that arbuscular mycorrhizal symbiosis may affect tomato fruit metabolism. 2014 , 15, 221	103
616	Microbial Induction of Resistance to Pathogens. 2014 , 149-170	1
615	Underground allies: how and why do mycelial networks help plants defend themselves?: What are the fitness, regulatory, and practical implications of defence-related signaling between plants via common mycelial networks?. 2014 , 36, 21-6	19
614	The small RNA diversity from Medicago truncatula roots under biotic interactions evidences the environmental plasticity of the miRNAome. 2014 , 15, 457	63
613	Do jasmonates play a role in arbuscular mycorrhiza-induced local bioprotection of Medicago truncatula against root rot disease caused by Aphanomyces euteiches?. 2014 , 24, 45-54	17
612	Comparison of systemic and local interactions between the arbuscular mycorrhizal fungus Funneliformis mosseae and the root pathogen Aphanomyces euteiches in Medicago truncatula. 2014 , 24, 419-30	17
611	Defensive symbiosis: a microbial perspective. 2014 , 28, 293-298	55
610	Signaling events during initiation of arbuscular mycorrhizal symbiosis. 2014 , 56, 250-61	74
609	Fungal (-like) biocontrol organisms in tomato disease control. 2014 , 74, 65-81	63
608	Root Engineering. 2014 ,	4
608 607	Root Engineering. 2014, Interactions in Soil: Promoting Plant Growth. 2014,	9
607	Interactions in Soil: Promoting Plant Growth. 2014,	9
607 606	Interactions in Soil: Promoting Plant Growth. 2014, High specificity in plant leaf metabolic responses to arbuscular mycorrhiza. 2014, 5, 3886	9 87
607 606 605	Interactions in Soil: Promoting Plant Growth. 2014, High specificity in plant leaf metabolic responses to arbuscular mycorrhiza. 2014, 5, 3886 Nitric Oxide in Plants: Metabolism and Role in Stress Physiology. 2014,	9 87 21
607 606 605	Interactions in Soil: Promoting Plant Growth. 2014, High specificity in plant leaf metabolic responses to arbuscular mycorrhiza. 2014, 5, 3886 Nitric Oxide in Plants: Metabolism and Role in Stress Physiology. 2014, Biogenic volatile emissions from the soil. 2014, 37, 1866-91 Elucidating mechanisms of mycorrhiza-induced resistance against Thielaviopsis basicola via	9 87 21 223
607 606 605 604	Interactions in Soil: Promoting Plant Growth. 2014, High specificity in plant leaf metabolic responses to arbuscular mycorrhiza. 2014, 5, 3886 Nitric Oxide in Plants: Metabolism and Role in Stress Physiology. 2014, Biogenic volatile emissions from the soil. 2014, 37, 1866-91 Elucidating mechanisms of mycorrhiza-induced resistance against Thielaviopsis basicola via targeted transcript analysis of Petunia hybrida genes. 2014, 88, 67-76 Low strigolactone root exudation: a novel mechanism of broomrape (Orobanche and Phelipanche	9 87 21 223

(2015-2014)

599	Defense related phytohormones regulation in arbuscular mycorrhizal symbioses depends on the partner genotypes. <i>Journal of Chemical Ecology</i> , 2014 , 40, 791-803	2.7	63
598	Phytohormone profiles induced by trichoderma isolates correspond with their biocontrol and plant growth-promoting activity on melon plants. <i>Journal of Chemical Ecology</i> , 2014 , 40, 804-15	2.7	117
597	The arbuscular mycorrhizal symbiosis attenuates symptom severity and reduces virus concentration in tomato infected by Tomato yellow leaf curl Sardinia virus (TYLCSV). 2014 , 24, 179-86		44
596	Effect of Bacillus thuringiensis (Bt) maize cultivation history on arbuscular mycorrhizal fungal colonization, spore abundance and diversity, and plant growth. 2014 , 195, 29-35		17
595	Induced systemic resistance by beneficial microbes. 2014 , 52, 347-75		1380
594	European corn borer oviposition response to soil fertilization practices and arbuscular mycorrhizal colonization of corn. 2015 , 6, art95		8
593	Effects of Preconditioning Through Mycorrhizal Inoculation on the Control of Melon Root Rot and Vine Decline Caused by Monosporascus cannonballus. 2015 , 163, 898-907		8
592	Metabolic transition in mycorrhizal tomato roots. 2015 , 6, 598		80
591	Arbuscular Mycorrhizal Fungi for the Biocontrol of Plant-Parasitic Nematodes: A Review of the Mechanisms Involved. 2015 , 6, 1280		126
590	Future challenges and perspectives for applying microbial biotechnology in sustainable agriculture based on a better understanding of plant-microbiome interactions. 2015 , 0-0		30
589	Virus-Induced Gene Silencing Using Tobacco Rattle Virus as a Tool to Study the Interaction between Nicotiana attenuata and Rhizophagus irregularis. 2015 , 10, e0136234		6
588	Metabolic responses of willow (Salix purpurea L.) leaves to mycorrhization as revealed by mass spectrometry and (1)H NMR spectroscopy metabolite profiling. 2015 , 6, 344		19
587	Enhanced tomato disease resistance primed by arbuscular mycorrhizal fungus. 2015, 6, 786		134
586	Endophytic colonization of barley (Hordeum vulgare) roots by the nematophagous fungus Pochonia chlamydosporia reveals plant growth promotion and a general defense and stress transcriptomic response. 2015 , 128, 665-78		54
585	Mechanisms of resistance/tolerance of Pyrus communis to Stemphylium vesicarium. A transcriptome analysis. 2015 , 89, 991-1017		5
584	Effects of the Timing of Herbivory on Plant Defense Induction and Insect Performance in Ribwort Plantain (Plantago lanceolata L.) Depend on Plant Mycorrhizal Status. <i>Journal of Chemical Ecology</i> , 2015 , 41, 1006-17	2.7	24
583	Plant lignin content altered by soil microbial community. 2015 , 206, 166-174		28
582	Systemic jasmonic acid modulation in mycorrhizal tomato plants and its role in induced resistance against Alternaria alternata. 2015 , 17, 625-31		53

581	Phytohormones as integrators of environmental signals in the regulation of mycorrhizal symbioses. 2015 , 205, 1431-1436	240
580	Plant-mediated 'apparent effects' between mycorrhiza and insect herbivores. 2015 , 26, 100-5	15
579	Hierarchical traits distances explain grassland Fabaceae species' ecological niches distances. 2015 , 6, 63	9
578	Differential spatio-temporal expression of carotenoid cleavage dioxygenases regulates apocarotenoid fluxes during AM symbiosis. 2015 , 230, 59-69	27
577	Mycorrhizal influence on metabolites, indigestible oligosaccharides, mineral nutrition and phytochemical constituents in onion (Allium cepa L.) plant. 2015 , 193, 55-61	17
576	Combined genetic and transcriptomic analysis reveals three major signalling pathways activated by Myc-LCOs in Medicago truncatula. 2015 , 208, 224-40	44
575	Colonization by arbuscular mycorrhizal and endophytic fungi enhanced terpene production in tomato plants and their defense against a herbivorous insect. 2015 , 65, 65-74	77
574	Volatile signalling by sesquiterpenes from ectomycorrhizal fungi reprogrammes root architecture. 2015 , 6, 6279	143
573	Rle des champignons mycorhiziens arbusculaires dans la tolfance du palmier dattier (Phoenix dactylifera) ^la fusariose vasculaire et au dficit hydrique. 2015 , 93, 369-377	7
572	The induction of Ethylene response factor 3 (ERF3) in potato as a result of co-inoculation with Pseudomonas sp. R41805 and Rhizophagus irregularis MUCL 41833 - a possible role in plant defense. 2015 , 10, e988076	16
571	Role of methyl jasmonate in the expression of mycorrhizal induced resistance against Fusarium oxysporum in tomato plants. 2015 , 92, 139-145	17
570	Mycorrhiza-induced protection against pathogens is both genotype-specific and graft-transmissible. 2015 , 66, 55-64	21
569	Maintenance of Plant Species Diversity by Pathogens. 2015 , 46, 305-325	204
568	Application of arbuscular mycorrhizal fungi with Pseudomonas aeruginosa UPMP3 reduces the development of Ganoderma basal stem rot disease in oil palm seedlings. 2015 , 25, 387-97	35
567	Variation in plant-mediated interactions between rhizobacteria and caterpillars: potential role of soil composition. 2015 , 17, 474-83	38
566	Do fungicides used to control Rhizoctonia solani impact the non-target arbuscular mycorrhizal fungus Rhizophagus irregularis?. 2015 , 25, 277-88	32
565	Root functional trait syndromes and plasticity drive the ability of grassland Fabaceae to tolerate water and phosphorus shortage. 2015 , 110, 62-72	41
564	. 2016,	4

(2016-2016)

563	Inoculant of Arbuscular Mycorrhizal Fungi (Rhizophagus clarus) Increase Yield of Soybean and Cotton under Field Conditions. 2016 , 7, 720	73
562	The Nitrogen Availability Interferes with Mycorrhiza-Induced Resistance against in Tomato. 2016 , 7, 1598	37
561	Organically Grown Soybean Production in the USA: Constraints and Management of Pathogens and Insect Pests. 2016 , 6, 16	22
560	Characterization of Three New Glutaredoxin Genes in the Arbuscular Mycorrhizal Fungus Rhizophagus irregularis: Putative Role of RiGRX4 and RiGRX5 in Iron Homeostasis. 2016 , 11, e0149606	8
559	Pathogens of Autotrophs. 2016 , 245-292	16
558	Inoculation of with Mycorrhizal Fungi and Plant Growth-Promoting Rhizobacteria Increases Wood Yield under Field Conditions. 2016 , 7, 1708	20
557	Infection Mechanisms and Colonization Patterns of Fungi Associated with Soybean. 2016,	4
556	A fungal endophyte helps plants to tolerate root herbivory through changes in gibberellin and jasmonate signaling. 2016 , 211, 1065-76	60
555	Phosphate Deficiency Induces the Jasmonate Pathway and Enhances Resistance to Insect Herbivory. 2016 , 171, 632-44	87
554	The role of locally adapted mycorrhizas and rhizobacteria in plantBoil feedback systems. 2016 , 30, 1086-1098	105
553	Multi-trophic consequences of plant genetic variation in sex and growth. 2016 , 97, 743-53	10
552	The Mutualistic Interaction between Plants and Arbuscular Mycorrhizal Fungi. 2016, 4,	26
551	References Cited. 2016 , 277-346	
550	Effects of arbuscular mycorrhizal fungi on herbivory defense in two Solanum (Solanaceae) species. 2016 , 149, 157-164	19
549	Developing Soil Microbial Inoculants for Pest Management: Can One Have Too Much of a Good Thing?. <i>Journal of Chemical Ecology</i> , 2016 , 42, 348-56	37
548	Life cycle specialization of filamentous pathogens - colonization and reproduction in plant tissues. 2016 , 32, 31-37	9
547	Effect of Rhizophagus irregularis on osmotic adjustment, antioxidation and aquaporin PIP genes expression of Populus l'anadensis llevallunder drought stress. 2016 , 38, 1	14
546	Effects of adding an arbuscular mycorrhizal fungi inoculum and of distance to donor sites on plant species recolonization following topsoil removal. 2016 , 19, 7-19	35

545	Mycorrhizal composition can predict foliar pathogen colonization in soybean. 2016, 103, 46-53	16
544	Arbuscular mycorrhizal symbiosis stimulates key genes of the phenylpropanoid biosynthesis and stilbenoid production in grapevine leaves in response to downy mildew and grey mould infection. 2016 , 131, 92-99	40
543	Belowground communication: impacts of volatile organic compounds (VOCs) from soil fungi on other soil-inhabiting organisms. 2016 , 100, 8651-65	68
542	Exploiting Plant Induced Resistance as a Route to Sustainable Crop Protection. 2016 , 317-339	3
541	Plant and insect microbial symbionts alter the outcome of plantflerbivoreparasitoid interactions: implications for invaded, agricultural and natural systems. 2016 , 104, 1734-1744	18
540	High-resolution community profiling of arbuscular mycorrhizal fungi. 2016 , 212, 780-791	81
539	Belowground Defence Strategies in Plants. 2016 ,	5
538	Belowground Defence Strategies in Plants: The PlantTrichoderma Dialogue. 2016 , 301-327	9
537	Soil conditions moderate the effects of herbivores, but not mycorrhizae, on a native bunchgrass. 2016 , 77, 100-108	3
536	The heavy metal paradox in arbuscular mycorrhizas: from mechanisms to biotechnological applications. 2016 , 67, 6253-6265	142
536 535		142 7
	applications. 2016 , 67, 6253-6265 Phi Class of Glutathione S-transferase Gene Superfamily Widely Exists in Nonplant Taxonomic	
535	applications. 2016 , 67, 6253-6265 Phi Class of Glutathione S-transferase Gene Superfamily Widely Exists in Nonplant Taxonomic Groups. 2016 , 12, 59-71	7
535 534	applications. 2016, 67, 6253-6265 Phi Class of Glutathione S-transferase Gene Superfamily Widely Exists in Nonplant Taxonomic Groups. 2016, 12, 59-71 Shaping Theoretic Foundations of Holobiont-Like Systems. 2016, 219-244 Phosphorus supply, arbuscular mycorrhizal fungal species, and plant genotype impact on the	7
535534533	applications. 2016, 67, 6253-6265 Phi Class of Glutathione S-transferase Gene Superfamily Widely Exists in Nonplant Taxonomic Groups. 2016, 12, 59-71 Shaping Theoretic Foundations of Holobiont-Like Systems. 2016, 219-244 Phosphorus supply, arbuscular mycorrhizal fungal species, and plant genotype impact on the protective efficacy of mycorrhizal inoculation against wheat powdery mildew. 2016, 26, 685-97 Spring to autumn changes in the arbuscular mycorrhizal fungal community composition in the	7 4 27
535534533532	applications. 2016, 67, 6253-6265 Phi Class of Glutathione S-transferase Gene Superfamily Widely Exists in Nonplant Taxonomic Groups. 2016, 12, 59-71 Shaping Theoretic Foundations of Holobiont-Like Systems. 2016, 219-244 Phosphorus supply, arbuscular mycorrhizal fungal species, and plant genotype impact on the protective efficacy of mycorrhizal inoculation against wheat powdery mildew. 2016, 26, 685-97 Spring to autumn changes in the arbuscular mycorrhizal fungal community composition in the different propagule types associated to a Mediterranean shrubland. 2016, 408, 107-120 Beneficial Soil Microbiota as Mediators of the Plant Defensive Phenotype and Aboveground	7 4 27
535534533532531	Phi Class of Glutathione S-transferase Gene Superfamily Widely Exists in Nonplant Taxonomic Groups. 2016, 12, 59-71 Shaping Theoretic Foundations of Holobiont-Like Systems. 2016, 219-244 Phosphorus supply, arbuscular mycorrhizal fungal species, and plant genotype impact on the protective efficacy of mycorrhizal inoculation against wheat powdery mildew. 2016, 26, 685-97 Spring to autumn changes in the arbuscular mycorrhizal fungal community composition in the different propagule types associated to a Mediterranean shrubland. 2016, 408, 107-120 Beneficial Soil Microbiota as Mediators of the Plant Defensive Phenotype and Aboveground Plant-Herbivore Interactions. 2016, 305-343	7 4 27 22 3

(2017-2016)

527	Model systems to unravel the molecular mechanisms of heavy metal tolerance in the ericoid mycorrhizal symbiosis. 2016 , 26, 263-74	27
526	Genetic Diversity and Erosion in Plants. 2016,	6
525	Increasing Butterhead Lettuce Yield Using Organic Methods and Application of Arbuscular Mycorrhizal Fungi. 2016 , 22, 520-529	
524	Plant community mycorrhization in temperate forests and grasslands: relations with edaphic properties and plant diversity. 2016 , 27, 89-99	35
523	Genetic Erosion of Phoenix dactylifera L.: Perceptible, Probable, or Possible. 2016 , 131-213	4
522	Arbuscular Mycorrhizal Symbiosis-Induced Expression Changes in Solanum lycopersicum Leaves Revealed by RNA-seq Analysis. 2016 , 34, 89-102	37
521	Defense Priming: An Adaptive Part of Induced Resistance. 2017 , 68, 485-512	372
520	The ectomycorrhizal basidiomycete Hebeloma cylindrosporum undergoes early waves of transcriptional reprogramming prior to symbiotic structures differentiation. 2017 , 19, 1338-1354	12
519	Tomato belowgroundliboveground interactions: Rhizophagus irregularis affects foraging behavior and life history traits of the predator Macrolophus pygmaeus (Hemiptera: Miridae). 2017 , 11, 15-22	17
518	Potato aphid Macrosiphum euphorbiae performance is determined by aphid genotype and not mycorrhizal fungi or water availability. 2017 , 24, 1015-1024	12
517	Soil microbial communities alter leaf chemistry and influence allelopathic potential among coexisting plant species. 2017 , 183, 1155-1165	25
516	Priming Host Defense Against Biotic Stress by Arbuscular Mycorrhizal Fungi. 2017 , 255-270	1
515	Defence mechanisms associated with mycorrhiza-induced resistance in wheat against powdery mildew. 2017 , 44, 443-454	24
514	Indirect interactions between arbuscular mycorrhizal fungi and Spodoptera exigua alter photosynthesis and plant endogenous hormones. 2017 , 27, 525-535	25
513	The effects of genome duplications in a community context. 2017 , 215, 57-69	38
512	Sampling roots to capture plant and soil functions. 2017 , 31, 1506-1518	90
511	Beyond nutrients: a meta-analysis of the diverse effects of arbuscular mycorrhizal fungi on plants and soils. 2017 , 98, 2111-2119	102
510	Soil: Do Not Disturb, Mycorrhiza in Action. 2017 , 27-38	3

509	Invisible but consequential: root endophytic fungi have variable effects on belowground plantinsect interactions. 2017 , 8, e01710	12
508	Breeding for mycorrhizal symbiosis: focus on disease resistance. 2017 , 213, 1	39
507	Are mycorrhizal fungi our sustainable saviours? Considerations for achieving food security. 2017 , 105, 921-929	120
506	Antagonism between two root-associated beneficial Pseudomonas strains does not affect plant growth promotion and induced resistance against a leaf-chewing herbivore. 2017 , 93,	15
505	Proteomic insight into the mitigation of wheat root drought stress by arbuscular mycorrhizae. 2017 , 169, 21-32	39
504	Root symbionts: Powerful drivers of plant above- and belowground indirect defenses. 2017 , 24, 947-960	60
503	Arbuscular Mycorrhizas and Stress Tolerance of Plants. 2017,	17
502	Arbuscular Mycorrhizal Fungi as Potential Bioprotectants Against Aerial Phytopathogens and Pests. 2017 , 195-223	2
501	Transcriptome analysis of the Populus trichocarpa-Rhizophagus irregularis Mycorrhizal Symbiosis: Regulation of Plant and Fungal Transportomes under Nitrogen Starvation. 2017 , 58, 1003-1017	24
500	Nutrient enrichment effects on mycorrhizal fungi in an Andean tropical montane Forest. 2017 , 27, 311-319	13
499	Mycorrhizas as Nutrient and Energy Pumps of Soil Food Webs. 2017 , 149-173	9
498	Host Tissue Environment Directs Activities of an EpichloŒndophyte, While It Induces Systemic Hormone and Defense Responses in Its Native Perennial Ryegrass Host. 2017 , 30, 138-149	45
497	Progress in Botany Vol. 78. 2017 ,	1
496	Microbial Diversity of Tropical Andean Soils and Low-Input Sustainable Agriculture Development. 2017 , 207-234	1
495	Disease-Induced Resistance and Plant Immunization Using Microbes. 2017, 447-465	4
494	Agriculturally Important Microbes for Sustainable Agriculture. 2017,	4
493	Antioxidant enzymes in chickpea colonized by Piriformospora indica participate in defense against the pathogen Botrytis cinerea. 2017 , 7, 13553	46
492	Warming Alters Prey Density and Biological Control in Conventional and Organic Agricultural Systems. 2017 , 57, 1-13	10

491	EpichlolFungal Endophytes and Plant Defenses: Not Just Alkaloids. 2017, 22, 939-948	106
490	Arbuscular Mycorrhizal Symbiosis and Its Role in Plant Nutrition in Sustainable Agriculture. 2017 , 129-164	11
489	Airborne signals from Trichoderma fungi stimulate iron uptake responses in roots resulting in priming of jasmonic acid-dependent defences in shoots of Arabidopsis thaliana and Solanum lycopersicum. 2017 , 40, 2691-2705	86
488	Sustainable Agriculture Reviews. 2017 ,	1
487	Arbuscular mycorrhizal fungi promote silicon accumulation in plant roots, reducing the impacts of root herbivory. 2017 , 419, 423-433	30
486	Bottom-up effects on herbivore-induced plant defences: a case study based on compositional patterns of rhizosphere microbial communities. 2017 , 7, 6251	14
485	Mycorrhiza - Eco-Physiology, Secondary Metabolites, Nanomaterials. 2017,	11
484	Plant and insect genetic variation mediate the impact of arbuscular mycorrhizal fungi on a natural plantBerbivore interaction. 2017 , 42, 793-802	10
483	The interactive effects of arbuscular mycorrhiza and plant growth-promoting rhizobacteria synergistically enhance host plant defences against pathogens. 2017 , 7, 16409	72
482	Soil Microbiome for Enhanced Crop Productivity. 2017 , 227-247	1
481	Vesicular Arbuscular Mycorrhizal (VAM) fungi- as a major biocontrol agent in modern sustainable agriculture system. 2017 , 43, 138-143	8
480	Biofertilizers and sustainable agriculture: exploring arbuscular mycorrhizal fungi. 2017 , 101, 4871-4881	121
479	Terpenoids in plant and arbuscular mycorrhiza-reinforced defence against herbivorous insects. 2017 , 119, 791-801	39
478	Wild boars as spore dispersal agents of ectomycorrhizal fungi: consequences for community composition at different habitat types. 2017 , 27, 165-174	12
477	Fungal Mating in the Most Widespread Plant Symbionts?. 2017 , 22, 175-183	43
476	Fungal Mating in the Most Widespread Plant Symbionts?. 2017 , 22, 175-183 Control of rubus stunt and stolbur diseases in Madagascar periwinkle with mycorrhizae and a synthetic antibacterial peptide. 2017 , 66, 551-558	2
	Control of rubus stunt and stolbur diseases in Madagascar periwinkle with mycorrhizae and a	

473	Plant life history and aboveBelowground interactions: missing links. 2017, 126, 497-507	25
472	Potential for Developing Low-Input Sustainable Agriculture in the Tropical Andes by Making Use of Native Microbial Resources. 2017 , 29-54	1
471	How arbuscular mycorrhizal fungi influence the defense system of sunflower during different abiotic stresses. 2017 , 68, 376-387	8
47°	The Mutualistic Interaction between Plants and Arbuscular Mycorrhizal Fungi. 2017, 727-747	3
469	Induction of Systemic Resistance against Insect Herbivores in Plants by Beneficial Soil Microbes. 2017 , 8, 1816	62
468	Trade-Offs in Arbuscular Mycorrhizal Symbiosis: Disease Resistance, Growth Responses and Perspectives for Crop Breeding. 2017 , 7, 75	47
467	Inoculation with Glomus mosseae Improves the Growth and Salvianolic Acid B Accumulation of Continuously Cropped Salvia miltiorrhiza. 2017 , 7, 692	2
466	Engineering Mycorrhizal Symbioses to Alter Plant Metabolism and Improve Crop Health. 2017 , 8, 1403	35
465	Tuber indicum shapes the microbial communities of ectomycorhizosphere soil and ectomycorrhizae of an indigenous tree (Pinus armandii). 2017 , 12, e0175720	17
464	Soil pathogen-aphid interactions under differences in soil organic matter and mineral fertilizer. 2017 , 12, e0179695	2
463	Potential of biofertilisers to improve performance of local genotype tomatoes. 2017 , 12,	3
462	Does mycorrhizal status alter herbivore-induced changes in whole-plant resource partitioning?. 2018 , 10, plx071	2
461	Parasitic wasp-associated symbiont affects plant-mediated species interactions between herbivores. 2018 , 21, 957-967	25
460	Dynamics of arbuscular mycorrhizal fungal community structure and functioning along a nitrogen enrichment gradient in an alpine meadow ecosystem. 2018 , 220, 1222-1235	64
459	Jasmonic acid regulation of the anti-herbivory mechanism conferred by fungal endophytes in grasses. 2018 , 106, 2365-2379	15
458	Effects of land use on arbuscular mycorrhizal fungal communities in Estonia. 2018 , 28, 259-268	16
457	Mycorrhiza-Triggered Transcriptomic and Metabolomic Networks Impinge on Herbivore Fitness. 2018 , 176, 2639-2656	43
456	The role of plant mycorrhizal type and status in modulating the relationship between plant and arbuscular mycorrhizal fungal communities. 2018 , 220, 1236-1247	41

(2018-2018)

455	Associations among arbuscular mycorrhizal fungi and seedlings are predicted to change with tree successional status. 2018 , 99, 607-620	12
454	Mycorrhizal composition influences plant anatomical defense and impacts herbivore growth and survival in a life-stage dependent manner. 2018 , 66, 29-35	7
453	Biocontrol of stem rust disease of wheat using arbuscular mycorrhizal fungi and Trichoderma spp 2018 , 103, 84-91	37
452	Optimizing Growth and Tolerance of Date Palm (Phoenix dactylifera L.) to Drought, Salinity, and Vascular Fusarium-Induced Wilt (Fusarium oxysporum) by Application of Arbuscular Mycorrhizal Fungi (AMF). 2018 , 239-258	21
451	Morphological and Physiological Aspects of Symbiotic PlantMicrobe Interactions and Their Significance. 2018 , 367-407	2
450	Biocontrol of Soilborne Root Pathogens: An Overview. 2018 , 181-220	10
449	Arbuscular mycorrhiza-mediated resistance in tomato against Cladosporium fulvum-induced mould disease. 2018 , 166, 67-74	22
448	Focus on mycorrhizal symbioses. 2018 , 123, 299-304	23
447	Ectomycorrhizal fungi increase the vitality of Norway spruce seedlings under the pressure of Heterobasidion root rot in vitro but may increase susceptibility to foliar necrotrophs. 2018 , 122, 101-109	6
446	The plant hormone salicylic acid interacts with the mechanism of anti-herbivory conferred by fungal endophytes in grasses. 2018 , 41, 395-405	34
445	Mycorrhizal tomato plants fine tunes the growth-defence balance upon N depleted root environments. 2018 , 41, 406-420	27
444	Chemical signaling involved in plant-microbe interactions. 2018 , 47, 1652-1704	90
443	Improved antifungal activity of barley derived chitinase I gene that overexpress a 32kDa recombinant chitinase in Escherichia coli host. 2018 , 49, 414-421	10
442	Nicotiana attenuata's capacity to interact with arbuscular mycorrhiza alters its competitive ability and elicits major changes in the leaf transcriptome. 2018 , 60, 242-261	7
441	Occurrence of arbuscular mycorrhizal fungi in the roots of two grapevine cultivars in response to bioproducts. 2018 , 40,	O
440	Endophytic Colonization of Onions Induces Resistance Against Viruliferous Thrips and Virus Replication. 2018 , 9, 1785	20
439	Cross-Protection to Salt Stress and Fusarium Wilt with the Alleviation of Oxidative Stress in Mycorrhizal Strawberry Plants. 2018 , 56, 187-192	1
438	Mycorrhiza-induced alleviation of plant disease caused by Clavibacter michiganensis subsp. michiganensis and role of ethylene in mycorrhiza-induced resistance in tomato. 2018 , 69, 170-181	5

437	Brevibacillus sp. promotes maize root colonization by Acaulospora tuberculata and the alteration of associated plant protein responses. 2018 , 13, 543-554	1
436	Complex regulation of microRNAs in roots of competitively-grown isogenic Nicotiana attenuata plants with different capacities to interact with arbuscular mycorrhizal fungi. 2018 , 19, 937	10
435	Mycorrhizal interactions do not influence plant-herbivore interactions in populations of ssp. spanning from center to margin of the geographic range. 2018 , 8, 10743-10753	1
434	Consortium of five fungal isolates conditioning root growth and arbuscular mycorrhiza in soybean, corn, and sugarcane. 2018 , 90, 3649-3660	8
433	Utility of Arbuscular Mycorrhizal Fungi for Improved Production and Disease Mitigation in Organic and Hydroponic Greenhouse Crops. 2018 , 05,	11
432	Cross-Compartment Herbivory Effects on Antagonists and Mutualists and Their Consequences for Plant Fitness. 2018 , 247-269	0
431	Chinese Black Truffle () Alters the Ectomycorrhizosphere and Endoectomycosphere Microbiome and Metabolic Profiles of the Host Tree. 2018 , 9, 2202	18
430	Modulation of plant-mediated interactions between herbivores of different feeding guilds: Effects of parasitism and belowground interactions. 2018 , 8, 14424	9
429	Growing Research Networks on Mycorrhizae for Mutual Benefits. 2018 , 23, 975-984	25
428	Fruit Decay to Diseases: Can Induced Resistance and Priming Help?. 2018 , 7,	29
	Fire and Mandiate of Alexandral and another action at The Community Advanced Chaldille, Fire lating	
427	Fungal-Mediated Above B elowground Interactions: The Community Approach, Stability, Evolution, Mechanisms, and Applications. 2018 , 85-116	4
427 426		4
	Mechanisms, and Applications. 2018 , 85-116 Recent Trend: Is the Role of Arbuscular Mycorrhizal Fungi in Plant-Enemies Performance Biased by	
426	Mechanisms, and Applications. 2018, 85-116 Recent Trend: Is the Role of Arbuscular Mycorrhizal Fungi in Plant-Enemies Performance Biased by Taxon Usage?. 2018, 180, 306-311 Effects of Soil Organisms on Aboveground Plant-Insect Interactions in the Field: Patterns,	4
426 425	Mechanisms, and Applications. 2018, 85-116 Recent Trend: Is the Role of Arbuscular Mycorrhizal Fungi in Plant-Enemies Performance Biased by Taxon Usage?. 2018, 180, 306-311 Effects of Soil Organisms on Aboveground Plant-Insect Interactions in the Field: Patterns, Mechanisms and the Role of Methodology. 2018, 6,	41
426 425 424	Mechanisms, and Applications. 2018, 85-116 Recent Trend: Is the Role of Arbuscular Mycorrhizal Fungi in Plant-Enemies Performance Biased by Taxon Usage?. 2018, 180, 306-311 Effects of Soil Organisms on Aboveground Plant-Insect Interactions in the Field: Patterns, Mechanisms and the Role of Methodology. 2018, 6, Beneficial Services of Arbuscular Mycorrhizal Fungi - From Ecology to Application. 2018, 9, 1270 Mycorrhizal fungi enhance nutrient uptake but disarm defences in plant roots, promoting	4 41 187
426 425 424 423	Mechanisms, and Applications. 2018, 85-116 Recent Trend: Is the Role of Arbuscular Mycorrhizal Fungi in Plant-Enemies Performance Biased by Taxon Usage?. 2018, 180, 306-311 Effects of Soil Organisms on Aboveground Plant-Insect Interactions in the Field: Patterns, Mechanisms and the Role of Methodology. 2018, 6, Beneficial Services of Arbuscular Mycorrhizal Fungi - From Ecology to Application. 2018, 9, 1270 Mycorrhizal fungi enhance nutrient uptake but disarm defences in plant roots, promoting plant-parasitic nematode populations. 2018, 126, 123-132	4 41 187 32

419	Herbicides in vineyards reduce grapevine root mycorrhization and alter soil microorganisms and the nutrient composition in grapevine roots, leaves, xylem sap and grape juice. 2018 , 25, 23215-23226	35
418	Colonization and Spore Richness of Arbuscular Mycorrhizal Fungi in Araucaria Nursery Seedlings in Curitiba, Brazil. 2018 , 2018, 1-6	5
417	Omics approaches revealed how arbuscular mycorrhizal symbiosis enhances yield and resistance to leaf pathogen in wheat. 2018 , 8, 9625	54
416	Belowground Inoculation With Arbuscular Mycorrhizal Fungi Increases Local and Systemic Susceptibility of Rice Plants to Different Pest Organisms. 2018 , 9, 747	28
415	Phosphorus Acquisition Efficiency Related to Root Traits: Is Mycorrhizal Symbiosis a Key Factor to Wheat and Barley Cropping?. 2018 , 9, 752	51
414	Mycorrhizae Alter Toxin Sequestration and Performance of Two Specialist Herbivores. 2018 , 6,	8
413	Arbuscular Mycorrhizal Fungal 14-3-3 Proteins Are Involved in Arbuscule Formation and Responses to Abiotic Stresses During AM Symbiosis. 2018 , 9, 91	35
412	Survey of Soil Fungal Communities in Strawberry Fields by Illumina Amplicon Sequencing. 2018 , 51, 682-691	6
411	Root metabolic plasticity underlies functional diversity in mycorrhiza-enhanced stress tolerance in tomato. 2018 , 220, 1322-1336	64
410	Improvement of Wilt Resistance by Applying Arbuscular Mycorrhizal Fungi to a Cotton Variety with High Symbiotic Efficiency under Field Conditions. 2018 , 19,	22
409	The Effects of Arbuscular Mycorrhizal Fungal Colonisation on Nutrient Status, Growth, Productivity, and Canker Resistance of Apple (). 2018 , 9, 1461	35
408	Species-specific plant-soil feedbacks alter herbivore-induced gene expression and defense chemistry in Plantago lanceolata. 2018 , 188, 801-811	26
407	Arbuscular mycorrhizal fungi mediate herbivore-induction of plant defenses differently above and belowground. 2018 , 127, 1759-1775	7
406	Allene oxide synthase, allene oxide cyclase and jasmonic acid levels in Lotus japonicus nodules. 2018 , 13, e0190884	6
405	Benefits of mycorrhizal inoculation to ecological restoration depend on plant functional type, restoration context and time. 2019 , 40, 140-149	59
404	Applications of PlantMicrobe Interactions in Agro-Ecosystems. 2019, 1-34	2
403	AM Fungi and Trichoderma Interaction for Biological Control of Soilborne Plant Pathogen Fusarium oxysporum. 2019 , 95-128	3
402	Biocontrol of Soil Phytopathogens by Arbuscular Mycorrhiza 🖪 Review. 2019 , 221-237	3

401	Mycorrhizosphere: Microbial Interactions for Sustainable Agricultural Production. 2019, 321-338		7
400	Root cortical anatomy is associated with differential pathogenic and symbiotic fungal colonization in maize. 2019 , 42, 2999-3014		10
399	Identification of microRNAS differentially regulated by water deficit in relation to mycorrhizal treatment in wheat. 2019 , 46, 5163-5174		7
398	The effect of arbuscular mycorrhizal fungi Rhizophagus intraradices and soil microbial community on a model plant community in a post-mining soil. 2019 , 220, 789-800		2
397	Arbuscular mycorrhizal fungal community composition determines the competitive response of two grassland forbs. 2019 , 14, e0219527		5
396	Microbial Probiotics for Agricultural Systems. 2019 ,		3
395	Evaluation of Bioproducts and Mycorrhizal Inoculation in Asian Soybean Rust Control, Nutrient Leaf Contents and Yield Under Field Conditions. 2019 , 193-204		
394	Hormonal Effects of an Enzymatically Hydrolyzed Animal Protein-Based Biostimulant (Pepton) in Water-Stressed Tomato Plants. 2019 , 10, 758		32
393	Mycorrhizae Alter Constitutive and Herbivore-Induced Volatile Emissions by Milkweeds. <i>Journal of Chemical Ecology</i> , 2019 , 45, 610-625	2.7	12
392	Priming and filtering of antiherbivore defences among Nicotiana attenuata plants connected by mycorrhizal networks. 2019 , 42, 2945-2961		10
391	Reconditioning Degraded Mine Site Soils With Exogenous Soil Microbes: Plant Fitness and Soil Microbiome Outcomes. 2019 , 10, 1617		8
390	Western diet impairs energy homeostasis in the CNS, drives astrogliosis, and limits recovery of function after experimental spinal cord injury. 2019 , 6, S505		
389	Differential interaction of the dark septate endophyte Cadophora sp. and fungal pathogens in vitro and in planta. 2019 , 95,		12
388	Site Soil-Fertility and Light Availability Influence Plant-Soil Feedback. 2019 , 7,		4
387	Propagation of Arbuscular Mycorrhizal Fungi May Drive Fungal Evolution. 2019 , 10, 2420		16
386	Transcript accumulation in a trifold interaction gives insight into mechanisms of biocontrol. 2019 , 224, 547-549		1
385	Constraining Carbon and Nutrient Flows in Soil With Ecological Stoichiometry. 2019, 7,		23
384	Role of Arbuscular Mycorrhizal Fungi in Plant Growth Regulation: Implications in Abiotic Stress Tolerance. 2019 , 10, 1068		333

383	Defence priming in Arabidopsis - a Meta-Analysis. 2019 , 9, 13309	22
382	Rhizophagus intraradices promotes alfalfa (Medicago sativa) defense against pea aphids (Acyrthosiphon pisum) revealed by RNA-Seq analysis. 2019 , 29, 623-635	6
381	Increased Silicon Acquisition in Bananas Colonized by MUCL 41833 Reduces the Incidence of. 2018 , 9, 1977	9
380	Dysfunction in the arbuscular mycorrhizal symbiosis has consistent but small effects on the establishment of the fungal microbiota in Lotus japonicus. 2019 , 224, 409-420	10
379	Plant-Microbe Symbiosis: What Has Proteomics Taught Us?. 2019 , 19, e1800105	11
378	An endophytic fungi-based biostimulant modulated lettuce yield, physiological and functional quality responses to both moderate and severe water limitation. 2019 , 256, 108595	17
377	Effector proteins of Rhizophagus proliferus: conserved protein domains may play a role in host-specific interaction with different plant species. 2019 , 50, 593-601	7
376	Arbuscular Mycorrhizal Symbiosis: Plant Friend or Foe in the Fight Against Viruses?. 2019 , 10, 1238	28
375	Mycorrhiza-mediated interference between cover crop and weed in organic winter cereal agroecosystems: The mycorrhizal colonization intensity indicator. 2019 , 9, 5593-5604	7
374	Formulations of arbuscular mycorrhizal fungi inoculum applied to soybean and corn plants under controlled and field conditions. 2019 , 142, 25-33	5
373	Arbuscular Mycorrhizal Symbiosis Affects Plant Immunity to Viral Infection and Accumulation. 2019 , 11,	19
372	Nitric oxide and phytoglobin PHYTOGB1 are regulatory elements in the Solanum lycopersicum-Rhizophagus irregularis mycorrhizal symbiosis. 2019 , 223, 1560-1574	26
371	Contribution of Arbuscular Mycorrhizal Fungi in Promoting Cadmium Tolerance in Plants. 2019, 553-586	3
370	Mycorrhizal Fungi Enhance Resistance to Herbivores in Tomato Plants with Reduced Jasmonic Acid Production. 2019 , 9, 131	8
369	The Contribution of Endomycorrhiza to the Performance of -Infected Solanaceous Plants: Disease Alleviation or Exacerbation?. 2019 , 10, 516	11
368	Managing fertility with animal waste to promote arthropod pest suppression. 2019 , 134, 130-140	16
367	Nodulation Induces Systemic Resistance of and Against and Primes for Powdery Mildew-Triggered Salicylic Acid Accumulation. 2019 , 32, 1243-1255	16
366	Molecular dialogue between arbuscular mycorrhizal fungi and the nonhost plant Arabidopsis thaliana switches from initial detection to antagonism. 2019 , 223, 867-881	23

365	Comprehensive insight into arbuscular mycorrhizal fungi, Trichoderma spp. and plant multilevel interactions with emphasis on biostimulation of horticultural crops. 2019 , 127, 630-647	30
364	An ectomycorrhizal symbiosis differently affects host susceptibility to two congeneric fungal pathogens. 2019 , 39, 250-256	12
363	Arbuscular mycorrhizal fungi protect native woody species from novel weapons. 2019 , 440, 39-52	7
362	Mycorrhizal-mediated plantflerbivore interactions in a high CO2 world. 2019 , 33, 1376-1385	12
361	Litter Traits of Native and Non-Native Tropical Trees Influence Soil Carbon Dynamics in Timber Plantations in Panama. 2019 , 10, 209	7
360	Plant listening: How North American herbalists learn to pay attention to plants. 2019 , 35, 23-27	2
359	Induced Systemic Resistance (ISR) and Fe Deficiency Responses in Dicot Plants. 2019 , 10, 287	92
358	Mycorrhiza-Induced Resistance in Potato Involves Priming of Defense Responses Against Cabbage Looper (Noctuidae: Lepidoptera). 2019 , 48, 370-381	24
357	Genetic analysis of tomato root colonization by arbuscular mycorrhizal fungi. 2019 , 124, 933-946	14
356	Mycorrhization Mitigates Disease Caused by "Liberibacter solanacearum" in Tomato. 2019 , 8,	1
355	A Review of Studies from the Last Twenty Years on PlantArbuscular Mycorrhizal Fungi Associations and Their Uses for Wheat Crops. 2019 , 9, 840	23
354	In vitro Plant Breeding towards Novel Agronomic Traits. 2019 ,	3
353	Priming by Arbuscular Mycorrhizal Fungi of Plant Antioxidant Enzyme Production: A Meta-analysis. 2019 , 1069-1084	6
352	Modified distribution in the polyphenolic profile of rosemary leaves induced by plant inoculation with an arbuscular mycorrhizal fungus. 2019 , 99, 2966-2973	4
351	Arbuscular mycorrhizal symbiosis and achene mucilage have independent functions in seedling growth of a desert shrub. 2019 , 232, 1-11	6
350	Common mycorrhizal networks activate salicylic acid defense responses of trifoliate orange (Poncirus trifoliata). 2019 , 61, 1099-1111	16
349	Agroecological coffee management increases arbuscular mycorrhizal fungi diversity. 2019 , 14, e0209093	22
348	Communication Between Living and Non-living Systems: The Basis for Advanced Targeted Nanomedicine. 2019 , 19-37	

(2020-2019)

347	Transcriptome analysis of mycorrhizal and nonmycorrhizal soybean plantlets upon infection with Fusarium virguliforme, one causal agent of sudden death syndrome. 2019 , 68, 470-480	14
346	High levels of arbuscular mycorrhizal fungus colonization on Medicago truncatula reduces plant suitability as a host for pea aphids (Acyrthosiphon pisum). 2020 , 27, 99-112	9
345	Influence of elevated CO2 on arbuscular mycorrhizal fungal community elucidated using Illumina MiSeq platform in sub-humid tropical paddy soil. 2020 , 145, 103344	12
344	Arbuscular mycorrhizal fungi (Glomus intraradices) and diazotrophic bacterium (Rhizobium BMBS) primed defense in blackgram against herbivorous insect (Spodoptera litura) infestation. 2020 , 231, 126355	15
343	Use of Organic and Biological Fertilizers as Strategies to Improve Crop Biomass, Yields and Physicochemical Parameters of Soil. 2020 , 247-288	8
342	Nutrient Dynamics for Sustainable Crop Production. 2020,	7
341	Jasmonate in Plant Biology. 2020 ,	1
340	The Rice Microbiome: A Model Platform for Crop Holobiome. 2020 , 4, 5-18	23
339	Carbon for nutrient exchange between arbuscular mycorrhizal fungi and wheat varies according to cultivar and changes in atmospheric carbon dioxide concentration. 2020 , 26, 1725-1738	35
338	High throughput sequencing combined with null model tests reveals specific plant-fungi associations linked to seedling establishment and survival. 2020 , 108, 574-585	4
337	Assessment of Local and Systemic Changes in Plant Gene Expression and Aphid Responses during Potato Interactions with Arbuscular Mycorrhizal Fungi and Potato Aphids. 2020 , 9,	4
336	Truncated arbuscules formed in the Medicago truncatula mutant MtHA1 maintain mycorrhiza-induced resistance. 2020 , 513-520	
335	Aboveground resource allocation in response to root herbivory as affected by the arbuscular mycorrhizal symbiosis. 2020 , 447, 463-473	6
334	Beneficial microbes ameliorate abiotic and biotic sources of stress on plants. 2020 , 34, 2075-2086	31
333	Conditioning the soil microbiome through plant-soil feedbacks suppresses an aboveground insect pest. 2020 , 226, 595-608	33
332	The Protective Role of 28-Homobrassinolide and in Cucumber to Withstand Saline Stress. 2019 , 9,	4
331	Shifts in plant phenology induced by environmental changes are small relative to annual phenological variation. 2020 , 294, 108144	4
330	Mħage ^Trois: Unraveling the Mechanisms Regulating Plant-Microbe-Arthropod Interactions. 2020 , 25, 1215-1226	16

329	Biological and Molecular Control Tools in Plant Defense. 2020 , 3-43	1
328	Microbial Inoculants Differentially Influence Plant Growth and Biomass Allocation in Wheat Attacked by Gall-Inducing Hessian Fly (Diptera: Cecidomyiidae). 2020 , 49, 1214-1225	3
327	Microbial Enzymes and Biotechniques. 2020,	
326	Unique and common traits in mycorrhizal symbioses. 2020 , 18, 649-660	76
325	Arbuscular mycorrhizal fungi improve mineral nutrition and tolerance of olive tree to Verticillium wilt. 2020 , 53, 673-689	9
324	Root-to-shoot signalling in mycorrhizal tomato plants upon Botrytis cinerea infection. 2020 , 298, 110595	9
323	Heritable Variation in Pea for Resistance Against a Root Rot Complex and Its Characterization by Amplicon Sequencing. 2020 , 11, 542153	5
322	Antagonistic interactions between above- and belowground biota reduce their negative effects on a tree species. 2020 , 454, 379-393	5
321	A Systematic Review of the Effects of Arbuscular Mycorrhizal Fungi on Root-Lesion Nematodes, spp. 2020 , 11, 923	12
320	Parasitism within mutualist guilds explains the maintenance of diversity in multi-species mutualisms. 2020 , 13, 615-627	1
319	Mycorrhiza induced resistance (MIR): a defence developed through synergistic engagement of phytohormones, metabolites and rhizosphere. 2020 , 47, 880-890	7
318	Field Exploitation of Multiple Functions of Beneficial Microorganisms for Plant Nutrition and Protection: Real Possibility or Just a Hope?. 2020 , 11, 1904	6
317	Full Issue PDF. 2020 , 4, 1-99	
316	Drought stress improved the capacity of Rhizophagus irregularis for inducing the accumulation of oleuropein and mannitol in olive (Olea europaea) roots. 2020 , 156, 178-191	3
315	Phytoremediation of a Highly Arsenic Polluted Site, Using L. and Arbuscular Mycorrhizal Fungi. 2020 , 9,	15
314	Plant Microbiome Paradigm. 2020 ,	
313	Unraveling Arbuscular Mycorrhiza-Induced Changes in Plant Primary and Secondary Metabolome. 2020 , 10,	38
312	Local Responses and Systemic Induced Resistance Mediated by Ectomycorrhizal Fungi. 2020 , 11, 590063	14

311	Differential Response of Mycorrhizal Plants to and Infection. 2020, 8,	2
310	Reciprocal Effects of Silicon Supply and Endophytes on Silicon Accumulation and Colonization in Grasses. 2020 , 11, 593198	O
309	Natural Products as Fungicide and Their Role in Crop Protection. 2020 , 131-219	15
308	Different wheat cultivars exhibit variable responses to inoculation with arbuscular mycorrhizal fungi from organic and conventional farms. 2020 , 15, e0233878	10
307	Seed Metabolism and Pathogen Resistance Enhancement in During Colonization of Arbuscular Mycorrhizal Fungi: An Integrative Metabolomics-Proteomics Approach. 2020 , 11, 872	3
306	Responses of arbuscular mycorrhizal fungal communities to soil core transplantation across Saskatchewan prairie climatic regions. 2020 , 100, 81-96	2
305	Screening for novel biocontrol agents applicable in plant disease management [A review. 2020 , 144, 104240	72
304	Modulation of insect-induced oxidative stress responses by microbial fertilizers in Brassica juncea. 2020 , 96,	4
303	Effects of Different Microbial Inocula on Tomato Tolerance to Water Deficit. 2020 , 10, 170	19
302	and Differentially Elicit Systemic Transcriptional Expression of Polyphenol Biosynthetic Pathways Genes in Sunflower. 2020 , 10,	10
301	Getting ready with the priming: Innovative weapons against biotic and abiotic crop enemies in a global changing scenario. 2020 , 35-56	6
300	Arbuscular Mycorrhizal Symbiosis Primes Tolerance to Cucumber Mosaic Virus in Tomato. 2020 , 12,	10
299	Mass Spectrometry: A Rosetta Stone to Learn How Fungi Interact and Talk. 2020, 10,	4
298	Colonization with arbuscular mycorrhizal fungi mitigates cold stress through improvement of antioxidant defense and accumulation of protecting molecules in eggplants. 2020 , 272, 109575	10
297	Endophytic Bacillus megaterium triggers salicylic acid-dependent resistance and improves the rhizosphere bacterial community to mitigate rice spikelet rot disease. 2020 , 156, 103710	8
296	Modulation of Plant Defense System in Response to Microbial Interactions. 2020 , 11, 1298	46
295	Signalome: Communication between crops and microbiomes. 2020 , 137-179	1
294	Priming mediated stress and cross-stress tolerance in plants: Concepts and opportunities. 2020 , 1-20	5

293	Is tillage beneficial or detrimental for insect and slug management? A meta-analysis. 2020 , 294, 106849	22
292	Arbuscular mycorrhizal fungi (AMF) influences growth and insect community dynamics in Sorghum-sudangrass (Sorghum x drummondii). 2020 , 14, 301-315	11
291	Soil abiotic and biotic properties constrain the establishment of a dominant temperate tree into boreal forests. 2020 , 108, 931-944	13
290	Role and mechanisms of callose priming in mycorrhiza-induced resistance. 2020 , 71, 2769-2781	29
289	Modulation of the Root Microbiome by Plant Molecules: The Basis for Targeted Disease Suppression and Plant Growth Promotion. 2019 , 10, 1741	172
288	Sex-related responses in rhizosphere processes of dioecious Populus cathayana exposed to drought and low phosphorus stress. 2020 , 175, 104049	5
287	Vineyard practice. 2020 , 151-330	1
286	Microsclerotia production of Metarhizium spp. for dual role as plant biostimulant and control of Spodoptera frugiperda through corn seed coating. 2020 , 124, 689-699	8
285	Fluxes of nutrients in mycorrhiza: what has fluxomics taught us in the plant-fungus interaction?. 2021 , 241-260	
284	Phytophthora Species Associated with Roots of Native and Non-native Trees in Natural and Managed Forests. 2021 , 81, 122-133	4
283	Can biostimulants be used to mitigate the effect of anthropogenic climate change on agriculture? It is time to respond. 2021 , 751, 141763	53
282	Insect P lant Interactions: A Multilayered Relationship. 2021 , 114, 1-16	4
281	Induction and Priming of Plant Defense by Root-Associated Insect-Pathogenic Fungi. <i>Journal of Chemical Ecology</i> , 2021 , 47, 112-122	7
280	VAPYRIN attenuates defence by repressing PR gene induction and localized lignin accumulation during arbuscular mycorrhizal symbiosis of Petunia hybrida. 2021 , 229, 3481-3496	4
279	Plant-soil interactions limit lifetime fitness outside a native plant's geographic range margin. 2021 , 102, e03254	2
278	Novel insights into host receptors and receptor-mediated signaling that regulate arbuscular mycorrhizal symbiosis. 2021 , 72, 1546-1557	4
277	Metabolomics in plant-microbe interactions in the roots. 2021 , 98, 133-161	1
276	Global negative effects of nutrient enrichment on arbuscular mycorrhizal fungi, plant diversity and ecosystem multifunctionality. 2021 , 229, 2957-2969	20

(2021-2021)

275	Arbuscular mycorrhiza in combating abiotic stresses in vegetables: An eco-friendly approach. 2021 , 28, 1465-1476	21
274	Application of soil biofertilizers to a clayey soil contaminated with Sclerotium rolfsii can promote production, protection and nutritive status of Phaseolus vulgaris. 2021 , 271, 129321	6
273	Bidirectional plant-mediated interactions between rhizobacteria and shoot-feeding herbivorous insects: a community ecology perspective. 2021 , 46, 1-10	11
272	Contrasting effects of commercial and native arbuscular mycorrhizal fungal inoculants on plant biomass allocation, nutrients, and phenolics. 2021 , 3, 536-540	2
271	The dynamic mechanisms underpinning symbiotic Epichlograss interactions: implications for sustainable and resilient agriculture. 2021 , 73-108	1
270	Plant defense priming in the field: a review. 2021 , 87-124	1
269	Global Food Demand and the Roles of Microbial Communities in Sustainable Crop Protection and Food Security: An Overview. 2021 , 81-107	О
268	Bioefficacy of Endophytes in the Control of Plant Diseases. 2021 , 11-34	
267	Role of AM Fungi and PGPR in Alleviating Stress Responses and Inducing Defense Mechanism. 2021 , 355-371	
266	Arbuscular mycorrhizal fungi as plant biostimulants. 2021 , 333-348	
266 265	Arbuscular mycorrhizal fungi as plant biostimulants. 2021 , 333-348 Potential effect of microbial biostimulants in sustainable vegetable production. 2021 , 193-237	0
		0
265	Potential effect of microbial biostimulants in sustainable vegetable production. 2021 , 193-237	
265 264	Potential effect of microbial biostimulants in sustainable vegetable production. 2021 , 193-237 Plant-Fungal Association: An Ideal Contrivance for Combating Plant Stress Tolerance. 2021 , 291-326 Arbuscular Mycorrhizal Fungi: Biodiversity, Interaction with Plants, and Potential Applications. 2021	
265 264 263	Potential effect of microbial biostimulants in sustainable vegetable production. 2021, 193-237 Plant-Fungal Association: An Ideal Contrivance for Combating Plant Stress Tolerance. 2021, 291-326 Arbuscular Mycorrhizal Fungi: Biodiversity, Interaction with Plants, and Potential Applications. 2021, 35-83	2
265 264 263 262	Potential effect of microbial biostimulants in sustainable vegetable production. 2021, 193-237 Plant-Fungal Association: An Ideal Contrivance for Combating Plant Stress Tolerance. 2021, 291-326 Arbuscular Mycorrhizal Fungi: Biodiversity, Interaction with Plants, and Potential Applications. 2021, 35-83 Plant-Mediated Above- Belowground Interactions: A Phytobiome Story. 2021, 205-231 Epidemiology, Biotic Interactions and Biological Control of Armillarioids in the Northern	2 O
265 264 263 262 261	Potential effect of microbial biostimulants in sustainable vegetable production. 2021, 193-237 Plant-Fungal Association: An Ideal Contrivance for Combating Plant Stress Tolerance. 2021, 291-326 Arbuscular Mycorrhizal Fungi: Biodiversity, Interaction with Plants, and Potential Applications. 2021, 35-83 Plant-Mediated Above- Belowground Interactions: A Phytobiome Story. 2021, 205-231 Epidemiology, Biotic Interactions and Biological Control of Armillarioids in the Northern Hemisphere. 2021, 10, Arbuscular mycorrhizal symbiosis: plant growth improvement and induction of resistance under	2 O 2

257	Proteomic analysis reveals how pairing of a Mycorrhizal fungus with plant growth-promoting bacteria modulates growth and defense in wheat. 2021 , 44, 1946-1960	7
256	The influence of competing root symbionts on below-ground plant resource allocation. 2021 , 11, 2997-3003	1
255	Interactive Effects of Mycorrhizae, Soil Phosphorus, and Light on Growth and Induction and Priming of Defense in. 2021 , 12, 647372	3
254	Impacts of Arbuscular Mycorrhizal Fungi on Rice Growth, Development, and Stress Management With a Particular Emphasis on Strigolactone Effects on Root Development. 2021 , 52, 1591-1621	6
253	Effects of arbuscular mycorrhizal fungi on Solidago canadensis growth are independent of nitrogen form. 2021 , 14, 648-661	1
252	Fungal endophytes can eliminate the plant growth-defence trade-off. 2021 , 230, 2105-2113	16
251	Arbuscular mycorrhizal fungi and its major role in plant growth, zinc nutrition, phosphorous regulation and phytoremediation. 2021 , 84, 19-37	23
250	Metabolomics and transcriptomics to decipher molecular mechanisms underlying ectomycorrhizal root colonization of an oak tree. 2021 , 11, 8576	1
249	Crop diversity enriches arbuscular mycorrhizal fungal communities in an intensive agricultural landscape. 2021 , 231, 447-459	11
248	A coumarin exudation pathway mitigates arbuscular mycorrhizal incompatibility in Arabidopsis thaliana. 2021 , 106, 319-334	4
247	Mycorrhizal symbiosis primes the accumulation of antiherbivore compounds and enhances herbivore mortality in tomato. 2021 , 72, 5038-5050	11
246	Indirect plant defenses: volatile organic compounds and extrafloral nectar. 2021 , 15, 467	1
245	Priming Soybean cv. Primus Leads to Successful Systemic Defense Against the Root-Lesion Nematode,. 2021 , 12, 651943	2
244	Soil microbial diversity impacts plant microbiota more than herbivory.	3
243	Herbivore-herbivore interactions complicate links between soil fertility and pest resistance. 2021 , 52, 57-67	1
242	Mycorrhiza-Induced Resistance against Foliar Pathogens Is Uncoupled of Nutritional Effects under Different Light Intensities. 2021 , 7,	8
241	Endophytic Fungi: Biological Control and Induced Resistance to Phytopathogens and Abiotic Stresses. 2021 , 10,	13
240	Arbuscular Mycorrhizal Fungi in Conferring Tolerance to Biotic Stresses in Plants. 1	11

(2021-2021)

239	Plant neighbours shape fungal assemblages associated with plant roots: A new understanding of niche-partitioning in plant communities. 2021 , 35, 1768-1782	4
238	Direct and indirect effects of global change on mycorrhizal associations of savanna plant communities. 2021 , 130, 1370-1384	О
237	AMF Inoculation Can Enhance Yield of Transgenic Maize and Its Control Efficiency Against Especially Under Elevated CO. 2021 , 12, 655060	О
236	The Genomic Impact of Mycoheterotrophy in Orchids. 2021 , 12, 632033	2
235	Cover Crop Soil Legacies Alter Phytochemistry and Resistance to Fall Armyworm (Lepidoptera: Noctuidae) in Maize. 2021 , 50, 958-967	1
234	Tackling the Context-Dependency of Microbial-Induced Resistance. 2021 , 11, 1293	5
233	Nitric oxide signalling in the root is required for MYB72-dependent systemic resistance induced by Trichoderma volatiles in Arabidopsis. 2021 ,	4
232	Maize resistance to Spodoptera frugiperda and its relationship to landrace variety, plant stage, and larval origin. 2021 , 169, 711-720	1
231	Elucidating the Response of Crop Plants towards Individual, Combined and Sequentially Occurring Abiotic Stresses. 2021 , 22,	14
230	Arbuscular mycorrhizal fungus suppresses tomato (Solanum lycopersicum Mill.) Ralstonia wilt via establishing a soilplant integrated defense system. 2021 , 21, 3607	O
229	Restoration of the mycobiome of the endangered Hawaiian mint Phyllostegia kaalaensis increases its resistance to a common powdery mildew. 2021 , 52, 101070	3
228	Mycorrhizal Fungi and Sustainable Agriculture.	
227	Shared friends counterbalance shared enemies in old forests. 2021 , 102, e03495	2
226	The Combination of a Biocontrol Agent ´SC012 and Hymexazol Reduces the Effective Fungicide Dose to Control Fusarium Wilt in Cowpea. 2021 , 7,	3
225	Forest and Plantation Soil Microbiomes Differ in Their Capacity to Suppress Feedback Between Geosmithia morbida and Rhizosphere Pathogens of J. nigra Seedlings.	О
224	Differential strategies of two species of arbuscular mycorrhizal fungi in the protection of maize plants grown in chromium-contaminated soils. 2021 , 34, 1247-1261	1
223	The Plant Salicylic Acid Signalling Pathway Regulates the Infection of a Biotrophic Pathogen in Grasses Associated with an Endophyte. 2021 , 7,	9
222	Arbuscular mycorrhizal fungi influence whitefly abundance by modifying habanero pepper tolerance to herbivory. 2021 , 15, 861	О

221	The effects of mycorrhizal colonization on phytophagous insects and their natural enemies in soybean fields. 2021 , 16, e0257712	
220	The Use of Coherent Laser Stimulation of Seeds and a Fungal Inoculum to Increase the Productivity and Health of Soybean Plants. 2021 , 11, 1923	O
219	Biological control of emerging forest diseases: How can we move from dreams to reality?. 2021 , 496, 119377	11
218	Phosphorus is a critical factor of the in vitro monoxenic culture method for a wide range of arbuscular mycorrhizal fungi culture collections.	
217	Ecometabolomics of plantflerbivore and plantflungi interactions: a synthesis study. 2021, 12, e03736	3
216	Arbuscular mycorrhizae maintain lemongrass citral levels and mitigate resistance despite root lesion nematode infection. 2021 , 19, 100359	4
215	Genotype-specific benefits and risks of a mutualist association during natural epidemics.	
214	Pre-inoculation with arbuscular mycorrhizal fungi affects essential oil quality and the reproduction of root lesion nematode in Cymbopogon citratus. 2021 , 31, 613-623	2
213	Arbuscular mycorrhizal fungal communities colonising the roots of indigenous legumes of South Africa as revealed by high-throughput DNA metabarcoding. 2021 , 19, 100405	1
212	Effects of soil biota on growth, resistance and tolerance to herbivory in Triadica sebifera plants. 2021 , 402, 115191	2
211	The effects of long-term warming on arbuscular mycorrhizal fungal communities depend on habitat type on the Qinghai-Tibet Plateau. 2021 , 167, 104030	3
210	Arbuscular Mycorrhizal Fungi: Interactions with Plant and Their Role in Agricultural Sustainability. 2021 , 45-67	
209	Arbuscular mycorrhizal (AM) fungi: Potential role in sustainable agriculture. 2021, 203-225	
208	Arbuscular Mycorrhizal Fungi for Sustainable Crop Protection and Production. 2021 , 147-188	1
207	Role of Jasmonates in Beneficial Microbe-Root Interactions. 2020 , 2085, 43-67	4
206	Role of Jasmonate in Modulation of Mycorrhizae-Induced Resistance Against Fungal Pathogens. 2020 , 2085, 109-115	2
205	Soil Salinity and Its Alleviation Using Plant Growth P romoting Fungi. 2020 , 101-148	1
204	Arbuscular Mycorrhizal Fungi: Potential Plant Protective Agent Against Herbivorous Insect and Its Importance in Sustainable Agriculture. 2021 , 319-337	1

(2020-2021)

203	Combined Use of Beneficial Bacteria and Arbuscular Mycorrhizal Fungi for the Biocontrol of Plant Cryptogamic Diseases: Evidence, Methodology, and Limits. 2021 , 429-468	1
202	Nitric Oxide: Detection Methods and Possible Roles During Jasmonate-Regulated Stress Response. 2014 , 127-138	3
201	Interaction of Mycorrhizal Fungi and Azotobacter with Root-Knot Nematodes and Root-Chewing Insects. 2017 , 277-302	1
200	Arbuscular Mycorrhizal Fungi as Biocontrol Agents for Parasitic Nematodes in Plants. 2017 , 195-210	4
199	Arbuscular Mycorrhiza Mediated Control of Plant Pathogens. 2017 , 131-160	14
198	Chemical Signalling in the Arbuscular Mycorrhizal Symbiosis: Biotechnological Applications. 2013 , 215-232	7
197	Root Allies: Arbuscular Mycorrhizal Fungi Help Plants to Cope with Biotic Stresses. 2013 , 289-307	20
196	The Role of Roots in Plant Defense Responses to Aboveground Herbivores. 2014 , 369-384	2
195	Arbuscular Mycorrhizal Colonization and Activation of Plant Defense Responses Against Phytopathogens. 2019 , 219-240	2
194	Natural Metabolites: An Eco-friendly Approach to Manage Plant Diseases and for Better Agriculture Farming. 2020 , 1-13	7
193	The arbuscular mycorrhiza fungusRhizophagus irregularisMUCL 41833 decreases disease severity of Black Sigatoka on banana c.v. Grande naine, underin vitroculture conditions. 2015 , 70, 37-46	10
192	Tissue-specific volatile-mediated defense regulation in maize leaves and roots.	O
191	Shallow Genome Sequencing for Phylogenomics of Mycorrhizal Fungi from Endangered Orchids.	4
190	Effect of Root Colonization by Arbuscular Mycorrhizal Fungi on Growth, Productivity and Blast Resistance in Rice. 2020 , 13, 42	22
189	Influence of arbuscular mycorrhizae on biomass production and nitrogen fixation of berseem clover plants subjected to water stress. 2014 , 9, e90738	48
188	Phosphorus and nitrogen regulate arbuscular mycorrhizal symbiosis in Petunia hybrida. 2014 , 9, e90841	139
187	Arbuscular mycorrhizal symbiosis mitigates the negative effects of salinity on durum wheat. 2017 , 12, e0184158	40
186	Yield increase of corn inoculated with a commercial arbuscular mycorrhizal inoculant in Brazil. 2020 , 50,	6

185	Insights on Engineered Microbes in Sustainable Agriculture: Biotechnological Developments and Future Prospects. 2020 , 21, 321-333	7
184	Understanding the Plant-microbe Interactions in CRISPR/CAS9 Era: Indeed a Sprinting Start in Marathon. 2020 , 21, 429-443	4
183	Effects of biological control agents on arbuscular mycorrhiza fungi Rhizophagus clarus in soybean rhizosphere. 2017 , 3, 29	3
182	Is there genetic variation in mycorrhization of ?. 2017 , 5, e3713	9
181	Arbuscular mycorrhizal fungi alter the food utilization, growth, development and reproduction of armyworm (Mythimna separata) fed on maize. 2019 , 7, e7679	1
180	sensitivity to defences of and its endophytic fungus occultans. 2019 , 7, e8257	6
179	Diversity and Ecology of Arbuscular Mycorrhization Fungi. 2021 , 185-201	
178	Assessment of Silicon- and Mycorrhizae- Mediated Constitutive and Induced Systemic Resistance in Rice, L., against the Fall Armyworm, Smith. 2021 , 10,	O
177	Plant herbivore protection by arbuscular mycorrhizas: a role for fungal diversity?. 2021,	3
176	Recent Approaches towards Control of Fungal Diseases in Plants: An Updated Review. 2021 , 7,	5
175	Supervivencia y crecimiento de plfitulas de Jacaratia mexicana inoculadas con hongos micorrfico arbusculares dentro de un bosque tropical seco. 2016 , 21,	О
174	The Role of Arbuscular Mycorrhizal Fungi and the Mycorrhizal-Like Fungus Piriformospora indica in Biocontrol of Plant Parasitic Nematodes. 2017 , 43-56	
173	Transcriptome analysis of mycorrhizal and non-mycorrhizal soybean plantlets upon infection with Fusarium virguliforme, one causal agent of sudden death syndrome.	
172	VAM-Assisted Adaptive Response and Tolerance Mechanism of Plants Under Heavy Metal Stress: Prospects for Bioremediation. 2019 , 217-236	
171	Microbial Biological Control of Diseases and Pests by PGPR and PGPF. 2019 , 75-122	1
170	VAPYRIN attenuates defence by repressing PR gene induction and localized lignin accumulation during arbuscular mycorrhizal symbiosis of Petunia hybrida.	
169	Auxin-mediated regulation of arbuscular mycorrhizal symbiosis: A role of SlGH3.4 in tomato. 2021 ,	4
168	Effects of Mycorrhizal Colonization on Transcriptional Expression of the Responsive Factor and Stress-Responsive Genes in Banana Plantlets in Response to Combined Biotic and Abiotic Stresses. 2021 , 12, 742628	3

167	Transcriptional responses to arbuscular mycorrhizal symbiosis development are conserved in the early divergent Marchantia paleacea.	О
166	Rhizospheric microbiome: Bio-based emerging strategies for sustainable agriculture development and future perspectives. 2022 , 254, 126901	2
165	Rhizoremediation of petroleum hydrocarbonDontaminated soils: A systematic review of mutualism between phytoremediation species and soil living microorganisms. 2022 , 263-296	1
164	Arbuscular Mycorrhizae Associations and Role in Mitigation of Drought Stress in Plants. 2020 , 81-100	1
163	Biochemical Dynamics of Plant-Microbe Interactions. 2020 , 267-292	
162	Biotechnological Interventions for Arbuscular Mycorrhiza Fungi (AMF) Based Biofertilizer: Technological Perspectives. 2020 , 161-191	1
161	Formononetin accelerates mycorrhization and increases maize production at low phosphorus application rates. 2020 , 92 Suppl´1, e20181371	
160	Applications of Microorganisms in Agriculture. 2020 , 229-248	
159	Genetics and Genomics Decipher Partner Biology in Arbuscular Mycorrhizas. 2020 , 143-172	
158	Arbuscular Mycorrhizal Fungi and Their Potential Applications for Sustainable Agriculture. 2020 , 109-119	O
157	Utilization of Beneficial Microorganisms in Sustainable Control of Phytonematodes. 2020 , 317-337	1
156	Contrasting effects of commercial and native arbuscular mycorrhizal fungal inoculants on plant biomass allocation, nutrients and phenolics.	2
155	Microbial Consortia for Effective Biocontrol of Root and Foliar Diseases in Tomato. 2021 , 12, 756368	6
154	Effects of growth promoting microorganisms on tomato seedlings growing in different media conditions. 2021 , 16, e0259380	Ο
153	Vegetation drives the structure of active microbial communities on an acidogenic mine tailings deposit. 2020 , 8, e10109	1
152	Soil microbial diversity impacts plant microbiota more than herbivory.	1
151	shapes S-type denitrifying and ammonia-oxidizing bacterial communities in ectomycorrhizosphere soils. 2020 , 8, e9457	1
150	The Combination of Arbuscular Mycorrhizal Fungi with Rock Powder and Poultry Litter: An Appropriate Natural Fertiliser for Improving the Productivity of Soybean (Glycine max (L.) Merr). 2020 , 66, 108-117	

149	A Holistic Approach for Enhancing the Efficacy of Soil Microbial Inoculants in Agriculture:. 8, 176-190	2
148	Role of Endophytes and Rhizosphere Microbes in Promoting the Invasion of Exotic Plants in Arid and Semi-Arid Areas: A Review. 2021 , 13, 13081	5
147	Mycorrhiza-Induced Alterations in Metabolome of Leaves during Symbiosis Development. 2021 , 10,	0
146	Exploring the Role of Mycorrhizal and Rhizobium Inoculation with Organic and Inorganic Fertilizers on the Nutrient Uptake and Growth of Acacia mangium Saplings in Acidic Soil. 2021 , 12, 1657	O
145	Defense responses of arbuscular mycorrhizal fungus-colonized poplar seedlings against gypsy moth larvae: a multiomics study. 2021 , 8, 245	1
144	Understanding the Regulation of Root Development Towards Environmental Stresses for Crop Improvement. 2021 , 437-473	
143	The mycorrhizal-induced growth promotion and insect resistance reduction in Populus alba IP. berolinensis seedlings: a multi-omics study 2021 ,	O
142	Full Issue PDF. 2021 , 5, 368-472	
141	Fungal diversity associated with the mycorrhizosphere soil of Brachycorythis conica subsp. transvaalensis, a critically endangered and endemic terrestrial orchid from South Africa. 2022 ,	O
140	Aspects, problems and utilization of Arbuscular Mycorrhizal (AM) application as bio-fertilizer in sustainable agriculture 2022 , 3, 100107	2
139	Potential of Trichoderma and mycorrhizae as biological agents for controlling Ganoderma boninense in oil palm. 2022 , 974, 012097	
138	Wheat Production Alters Soil Microbial Profiles and Enhances Beneficial Microbes in Double-Cropping Soybean. 2022 , 3,	O
137	Mycorrhiza-Tree-Herbivore Interactions: Alterations in Poplar Metabolome and Volatilome 2022 , 12,	2
136	Jasmonic acid pathway is required in the resistance induced by Acremonium sclerotigenum in tomato against Pseudomonas syringae 2022 , 318, 111210	1
135	Diagnosis and recommendations for management of trees and shrubs in green squares in Warsaw based on research on fungal diseases. 1	O
134	Full Issue PDF. 2022 , 6, 1-106	
133	Origin makes a difference: Alternative responses of an AM-dependent plant to mycorrhizal inoculum from invaded and native soils under abiotic stress 2022 ,	1
132	The Costs and Benefits of Plant-Arbuscular Mycorrhizal Fungal Interactions 2022,	4

131 Tpicos em Agroecologia, Volume 3.

No evidence of foliar disease impact on crop root functional strategies and soil microbial communities: what does this mean for organic coffee?. Extract and Mycorrhizal Colonization Synergistically Trigger Immune Responses in Pea Plants against Rhizoctonia Root Rot, and Enhance Plant Growth and Productivity., 2022, 8, 4 128 Mycorrhizal symbiosis pathway and edaphic fertility frame root economics space among tree species. 2022, 11, 9 Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid., 2022, 11, 9 Effects of Light Quality on Colonization of Tomato Roots by AMF and Implications for Growth and pefense., 2022, 11, 9 Effects of Light Quality on Colonization of Tomato Roots by AMF and Implications for Growth and pefense., 2022, 11, 4686 3 Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens., 2022, 12, 4686 3 124 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. 9 125 Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop., 2022, 13, 826571 4 126 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 127 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 128 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils., 2022, 234, 113390 9 129 Priority effects alter the colonization success of a host-associated parasite and mutualist., 2022, e3720 9 138 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term, 2022, 168, 104876 9 140 Contribution of mycorrhizae to sustainable and ecological agriculture: a review, 2021, 35, 331-341 1 141 Arbuscular mycorrhizae fungi induced Plant Resistance against Fusa	Extract and Mycorrhizal Colonization Synergistically Trigger Immune Responses in Pea Plants against Rhizoctonia Root Rot, and Enhance Plant Growth and Productivity. 2022, 8. 128 Mycorrhizal symbiosis pathway and edaphic fertility frame root economics space among tree species. 2022, 129 Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, 120 Effects of Light Quality on Colonization of Tomato Roots by AMF and Implications for Growth and Defense. 2022, 11, 121 Defense. 2022, 11, 122 Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens. 2022, 12, 4686 123 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. 129 Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 120 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 121 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 120 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 119 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 o 118 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 117 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 118 Contribution of mycorrhizale to sustainable and ecological agriculture: a review. 2021, 35, 331-341 129 Contribution of mycorrhizale to sustainable and ecological agriculture: a review. 2021, 35, 331-341			
Mycorrhizal symbiosis pathway and edaphic fertility frame root economics space among tree species 2022. Mycorrhizal symbiosis pathway and edaphic fertility frame root economics space among tree species 2022. Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, Effects of Light Quality on Colonization of Tomato Roots by AMF and Implications for Growth and Defense 2022, 11, Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens 2022, 12, 4686 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 4 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 121 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 119 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 118 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 117 Priority effects alter the colonization activity 2021, 204, 105 118 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 119 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	against Rhizoctonia Root Rot, and Enhance Plant Growth and Productivity 2022, 8, 4 Mycorrhizal symbiosis pathway and edaphic fertillity frame root economics space among tree species 2022, 127 Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, 128 Effects of Light Quality on Colonization of Tomato Roots by AMF and Implications for Growth and Defense 2022, 11, 129 Response of Lomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens 2022, 12, 4686 120 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. 123 Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 122 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 121 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 120 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 224, 113390 129 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 120 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium with in tomato and slows disease progression in the long-term. 2022, 168, 104876 127 Rhizophagus proliferus genome sequence reliterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 128 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	130		
Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, Persponse of Light Quality on Colonization of Tomato Roots by AMF and Implications for Growth and Defense 2022, 11, Persponse of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens 2022, 12, 4686 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Abuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11, Effects of Light Quality on Colonization of Tomato Roots by AMF and Implications for Growth and Defense 2022, 12, 4686 Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens 2022, 12, 4686 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. New Challenge for Chilean Grapevine Crop 2022, 13, 826571 4 Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 4 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 121 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 120 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 119 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 118 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium will in tomato and slows disease progression in the long-term. 2022, 168, 104876 117 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 118 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	129		4
Effects of Light Quality on Colonization of Tomato Roots by AMF and Implications for Growth and Defense. 2022, 11, Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens. 2022, 12, 4686 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 4 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 OPriority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizale to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	Defense. 2022, 11, Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens 2022, 12, 4686 Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens 2022, 12, 4686 124 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. 23 Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 4 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 121 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 120 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 119 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 118 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 117 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 116 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 115 Arbuscular Mycorrhizae Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	128		1
Defense 2022, 11, Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens 2022, 12, 4686 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 4 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	Pefense. 2022, 11, Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens 2022, 12, 4686 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	127	Phytohormone Profile of in Response to Mycorrhizal Fungi, Aphids, and Gibberellic Acid 2022, 11,	O
pathogens 2022, 12, 4686 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 4 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 O Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	pathogens 2022, 12, 4686 124 Inoculation with native soil improves seedling survival and reduces non-native reinvasion in a grassland restoration. 123 Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 122 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 123 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 120 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 120 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 121 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 120 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 121 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	126		O
grassland restoration. Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	grassland restoration. Application of Arbuscular Mycorrhizal Fungi in Vineyards: Water and Biotic Stress Under a Climate Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	125	· · · · · · · · · · · · · · · · · · ·	3
Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 O High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	Change Scenario: New Challenge for Chilean Grapevine Crop 2022, 13, 826571 Efficiency of Arbuscular Mycorrhizal Fungi for the Growth Promotion of Sugarcane Under Pot Conditions. 1 High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	124		O
High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	High Ambient Temperature Regulated the Plant Systemic Response to the Beneficial Endophytic Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	123		4
Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 O Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	Fungus 2022, 13, 844572 Impact of arbuscular mycorrhiza on maize P-ATPases gene expression and ionome in copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422 Arbuscular Purcershizae in electric parasity and seep astheory sected 2023, 100734	122		O
copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	copper-contaminated soils 2022, 234, 113390 Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720 Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	121		O
Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	Single and coinoculation of Serendipita herbamans with arbuscular mycorrhizal fungi reduces Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422 Asbusculas procesships a inclust immunity and seep set based scattered 2023, 100524	120		O
Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	Fusarium wilt in tomato and slows disease progression in the long-term. 2022, 168, 104876 Rhizophagus proliferus genome sequence reiterates conservation of genetic traits in AM fungi, but predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	119	Priority effects alter the colonization success of a host-associated parasite and mutualist 2022, e3720	O
predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422 Ashuscular mycorshizae in plant impusity and son pathogon control. 2023, 100534	predicts higher saprotrophic activity 2021, 204, 105 Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021, 35, 331-341 Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422 Asbuscular mycorrhizae in elast immunity and sees asthogogy control. 2023, 100534	118		O
Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. 2022, 8, 422	117	, , , , , , , , , , , , , , , , , , , ,	0
Biosynthesis Defective Mutant and Wild Type of Tomato. 2022 , 8, 422	Biosynthesis Defective Mutant and Wild Type of Tomato. 2022 , 8, 422	116	Contribution of mycorrhizae to sustainable and ecological agriculture: a review. 2021 , 35, 331-341	1
Arbuscular mycorrhizae in plant immunity and crop pathogon control 2022 100524	Arbuscular mycorrhizae in plant immunity and crop pathogen control. 2022 , 100524	115		2
Arbuscular mycorriizae in plant inimunity and crop patriogen control. 2022, 100324		114	Arbuscular mycorrhizae in plant immunity and crop pathogen control. 2022 , 100524	3



95 Host Plants as Mediators of Caterpillar-Natural Enemy Interactions. **2022**, 425-447

94	Arbuscular mycorrhizal fungi in biotic and abiotic stress conditions: function and management in horticulture. 2022 , 157-183	O
93	Beneficial Fungal Strain: Molecular Approaches in Plant Disease Management. 2022, 1-32	
92	Effects of Trichoderma harzianum Strain T22 on the Arthropod Community Associated with Tomato Plants and on the Crop Performance in an Experimental Field. 2022 , 13, 418	o
91	Improvement of Sphaeropsis Shoot Blight Disease Resistance by Applying the Ectomycorrhizal Fungus sp. Rl and Mycorrhizal Helper Bacterium HR10 to 2022 , PHYTO09210392R	1
90	Strigolactones Modulate Salicylic Acid-Mediated Disease Resistance in 2022 , 23,	1
89	Tulasnella can contribute to breakthrough in germination of the medicinal orchid Bletilla striata via producing plant hormones. 2022 , 22, 100527	O
88	Arbuscular Mycorrhizal Fungi-Assisted Bioremediation of Heavy Metals: A Revaluation. 2022 , 785-804	
87	Tomato pomace waste as safe feed additive for poultry health and production 🗈 review. 2022,	O
86	Facilitating Reforestation Through the Plant Microbiome: Perspectives from the Phyllosphere 2022 ,	1
85	Role of microbial biotechnology for strain improvement for agricultural sustainability. 2022 , 285-317	2
84	Role of mycorrhizae in plant-parasitic nematodes management. 2022 , 225-251	
83	Biochar and Amf Combination Promotes the Phosphorus Utilization to Increase Phragmites Growth: Insights from the Microbial Co-Occurrence Networks to Rhizosphere Lipid Metabolites.	
82	Mycorrhizal Inoculation Enhances Nutrient Absorption and Induces Insect-Resistant Defense of Elymus nutans. 2022 , 13,	0
81	Arbuscular mycorrhizal fungi community composition, richness and diversity on enset (Ensete ventricosum (Welw.) Cheesman) in Ethiopia is influenced by manure application intensity in low-input farming systems.	О
80	Salicylic Acid in Plant Symbioses: Beyond Plant Pathogen Interactions. 2022 , 11, 861	4
79	Arbuscular Mycorrhizal Symbiosis Leads to Differential Regulation of Genes and miRNAs Associated with the Cell Wall in Tomato Leaves. 2022 , 11, 854	
78	Bio-organics Management: Novel Strategies to Manage Root-knot Nematode, Meloidogyne incognita Pest of Vegetable Crops.	O

77	Influence on Soybean Aphid by the Tripartite Interaction between Soybean, a Rhizobium Bacterium, and an Arbuscular Mycorrhizal Fungus. 2022 , 10, 1196	О
76	Establishing a quality management framework for commercial inoculants containing arbuscular mycorrhizal fungi. 2022 , 104636	2
75	Mechanisms of stress tolerance and their effects on the ecology and evolution of mycorrhizal fungi.	О
74	Roles of Arbuscular mycorrhizal Fungi as a Biocontrol Agent in the Control of Plant Diseases. 2022 , 10, 1266	4
73	Nutrient and moisture limitation reveal keystone metabolites that link switchgrass rhizosphere metabolome and microbiome dynamics.	O
7 ²	Unraveling arbuscular mycorrhizal fungi-induced resistance of purple branch rose (Rosa rugosa Zizhi) to Lymantria dispar based on metabolomics. 2022 , 172, 104971	O
71	Differential Response of Chili Pepper Genotypes to Single and Combined Association With the Mycorrhizal Fungus Rhizophagus Irregularis And the Root Pathogen Phytophthora Capsici.	
70	Arbuscular Mycorrhizal Fungi Symbiosis to Enhance PlantBoil Interaction. 2022, 14, 7840	1
69	Compatibility of mycorrhiza-induced resistance with viral and bacterial entomopathogens in the control of Spodoptera exigua in tomato.	
68	Morpho-physiological alterations and resistance to Tetranychus urticae in strawberries plants treated with salicylic acid.	
67	A cool spot in a biodiversity hotspot: why do tall Eucalyptus forests in Southwest Australia exhibit low diversity?.	O
66	High Variability of Fungal Communities Associated with the Functional Tissues and Rhizosphere Soil of Picea abies in the Southern Baltics. 2022 , 13, 1103	O
65	Combination of biochar and AMF promotes phosphorus utilization by stimulating rhizosphere microbial co-occurrence networks and lipid metabolites of Phragmites. 2022 , 845, 157339	1
64	Vineyard Management and Its Impacts on Soil Biodiversity, Functions, and Ecosystem Services. 10,	1
63	Effect of Plant Growth Promoting Microorganisms on Pepper Plants Infected with Tomato Brown Rugose Fruit Virus. 2022 , 14, 635	O
62	The mycorrhizal symbiosis alters the plant defense strategy in a model legume plant.	O
61	Nutrition vs association: plant defenses are altered by arbuscular mycorrhizal fungi association not by nutritional provisioning alone. 2022 , 22,	1
60	Plant-soil feedbacks persist following tree death, reducing survival and growth of Populus tremuloides seedlings.	O

59	Exploring the yeast-mycorrhiza-plant interaction: Saccharomyces eubayanus negative effects on arbuscular mycorrhizal formation in tomato plants.	
58	Differential response of chili pepper genotypes to single and combined association with the mycorrhizal fungus Rhizophagus irregularis and the root pathogen Phytophthora capsici. 2022 , 100579	
57	Long-lasting impact of chito-oligosaccharide application on strigolactone biosynthesis and fungal accommodation promotes arbuscular mycorrhiza in Medicago truncatula.	
56	Experimental evaluation of biological regeneration of arable soil: The effects of grass-clover leys and arbuscular mycorrhizal inoculants on wheat growth, yield, and shoot pathology. 13,	
55	The impact of arbuscular mycorrhizal fungi on tomato plant resistance against Tuta absoluta (Meyrick) in greenhouse conditions. 2022 , 25, 101971	0
54	The Role of Medicago lupulina Interaction with Rhizophagus irregularis in the Determination of Root Metabolome at Early Stages of AM Symbiosis. 2022 , 11, 2338	1
53	Arbuscular mycorrhizas modulate carbohydrate, phenolic compounds and hormonal metabolism to enhance water deficit tolerance of olive trees (Olea europaea). 2022 , 274, 107947	1
52	Prospective of mycorrhiza and Beauvaria bassiana silica nanoparticles on Gossypium hirsutum L. plants as biocontrol agent against cotton leafworm, Spodoptera littoralis. 2022 , 22,	Ο
51	Effects of Commercial Arbuscular Mycorrhizal Inoculants on Plant Productivity and Intra-Radical Colonization in Native Grassland: Unintentional De-Coupling of a Symbiosis?. 2022 , 11, 2276	2
50	Parametarhizium hingganense, a Novel Ectomycorrhizal Fungal Species, Promotes the Growth of Mung Beans and Enhances Resistance to Disease Induced by Rhizoctonia solani. 2022 , 8, 934	O
49	The Genes Associated with Jasmonic Acid and Salicylic Acid Are Induced in Tropical Chili Pepper against Ralstonia solanacearum by Applying Arbuscular Mycorrhizal Fungi. 2022 , 8, 876	0
48	Mycorrhizal benefits on plant growth and protection against Spodoptera exigua depend on N availability. 2022 , 17, 940-955	O
47	Manipulation of Senescence of Plants to Improve Biotic Stress Resistance. 2022 , 12, 1496	1
46	Receptor Kinases and Signal Pathway in the Arbuscular Mycorrhizal Symbiosis.	O
45	Arbuscular mycorrhizal fungi influence host infection during epidemics in a wild plant pathosystem.	0
44	Arbuscular Mycorrhizal Symbiosis: A Strategy for Mitigating the Impacts of Climate Change on Tropical Legume Crops. 2022 , 11, 2875	1
43	Root symbionts alter herbivore-induced indirect defenses of tomato plants by enhancing predator attraction. 13,	0
42	Microbial Endophytes: A Hidden Plant Resident, Application and Their Role in Abiotic Stress Management in Plants. 127-140	Ο

41	Mycorrhizal Association and Plant Disease Protection: New Perspectives.	О
40	Geographic Location, Management Strategy, and Huanglongbing Disease Affect Arbuscular Mycorrhizal Fungal Communities Across U.S. Citrus Orchards.	О
39	Soils. 2022 , CABI Compendium,	O
38	Integrated Crop Management. 2022 , CABI Compendium,	O
37	Long-lasting impact of chito-oligosaccharide application on strigolactone biosynthesis and fungal accommodation promotes arbuscular mycorrhiza in Medicago truncatula.	o
36	Plant phosphate status influences root biotic interactions.	О
35	Arbuscular mycorrhizal fungi enhance disease resistance of Salvia miltiorrhiza to Fusarium wilt. 13,	0
34	Mechanisms of Microbial Plant Protection and Control of Plant Viruses. 2022 , 11, 3449	3
33	Predicting arbuscular mycorrhizal fungal colonization of soybean in farmersIfields by using infection unit density. 1-8	O
32	Ectomycorrhizal Fungi Modulate Pedunculate Oak Heat Stress Responses through the Alternation of Polyamines, Phenolics, and Osmotica Content. 2022 , 11, 3360	1
31	Phosphorus availability drives mycorrhiza induced resistance in tomato. 13,	0
30	Mycorrhizal Fungi Synergistically Promote the Growth and Secondary Metabolism of Cyclocarya paliurus. 2022 , 13, 2188	o
29	Decrease in population of Ditylenchus dipsaci in garlic cultivation with the application of mycorrhizae and organic fertilizers. 2022 , 1114, 012062	1
28	Molecular characterization of indigenous microbes and its potential as a biological control agent of Fusarium stem rot disease (Fusarium verticillioides) on maize. 2022 , 8, e11960	o
27	Carbohydrate and lipid balances in the positive plant phenotypic response to arbuscular mycorrhiza: increase in sink strength.	0
26	Inoculation of Indigenous Arbuscular Mycorrhizal Fungi as a Strategy for the Recovery of Long-Term Heavy Metal-Contaminated Soils in a Mine-Spill Area. 2023 , 9, 56	O
25	Influence of arbuscular mycorrhizal fungi on biological control of coffee leaf rust (Hemileia vastatrix BERK. & BROOME). 2022 , 35, 21-32	0
24	Boosting Sustainable Agriculture by Arbuscular Mycorrhiza under Stress Condition: Mechanism and Future Prospective. 2022 , 2022, 1-28	O

23	Seaweed as a Natural Source against Phytopathogenic Bacteria. 2023, 21, 23	О
22	Arbuscular mycorrhizal fungi symbiosis and food security. 2023 , 227-244	O
21	Effects of arbuscular mycorrhizal fungi on plant growth and herbivore infestation depend on availability of soil water and nutrients. 14,	O
20	Insights into plant beneficial microorganism-triggered induced systemic resistance. 2023 , 7, 100140	1
19	Role of Mineral Nitrogen Nutrition in Fungal Plant Diseases of Cereal Crops. 1-31	O
18	Ridge intertillage alters rhizosphere bacterial communities and plant physiology to reduce yield loss of waterlogged cotton. 2023 , 293, 108849	O
17	Arbuscular mycorrhizal fungi and belowground herbivore interact to determine plant productivity and subsequent conspecifics performance by changing plant metabolites.	0
16	Plant-soil feedback: incorporating untested influential drivers and reconciling terminology.	O
15	The trade-in-trade: multifunctionalities, current market and challenges for arbuscular mycorrhizal fungal inoculants. 2023 , 89, 259-272	O
14	Multidisciplinary evaluation of plant growth promoting rhizobacteria on soil microbiome and strawberry quality. 2023 , 13,	O
13	Genome-wide analysis of 14-3-3 gene family in four gramineae and its response to mycorrhizal symbiosis in maize. 14,	O
12	Induced Systematic Resistance and Plant Immunity. 2023 , 151-173	O
11	Complex relationships between lettuce (Lactuca sativa), arbuscular mycorrhizal fungi, and a leafminer pest in a context of ecological soil management. 2023 , 17, 253-261	O
10	Population Development and Disease Incidence of Virus Disease Transmitted by Brown Planthopper on the Paddy Field Applied with Biofertilizers and Biopesticides. 2023 , 374, 00017	O
9	Transcriptomics and metabolomics reveal the changes induced by arbuscular mycorrhizal fungi in Panax quinquefolius L	O
8	AM Fungi as a Potential Biofertilizer for Abiotic Stress Management.	O
7	Unraveling arbuscular mycorrhizal fungi interaction in rice for plant growth development and enhancing phosphorus use efficiency through recent development of regulatory genes. 1-37	О
6	Defense priming in cabbage (Brassica oleracea) by insect-pathogenic fungi.	O

5	Soil properties and growth of yellow bell pepper (Capsicum annum) as influenced by compost and arbuscular mycorrhizal fungi. 2023 , 12, 159-168	O
4	Roles and Benefits of Mycorrhiza. 2023 , 415-445	O
3	Arbuscular mycorrhizal fungus changes alfalfa (Medicago sativa) metabolites in response to leaf spot (Phoma medicaginis) infection, with subsequent effects on pea aphid (Acyrthosiphon pisum) behavior.	О
2	Effect of spontaneous arbuscular mycorrhizal colonization in bread wheat varieties on the incidence of foliar diseases and grain yield. 2023 , 48,	O
1	Absorptive root-multidimension strategy links air temperature and species distribution in a montane forest. 2023 , 100113	O