

Trichoderma species “opportunistic, avirulent plant

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Biological Control of <i>Rhizoctonia solani</i> Damping-Off with Wheat Bran Culture of <i>Trichoderma harzianum</i> . <i>Phytopathology</i> , 1979, 69, 64.	1.1	122
2	Isolation of two aspartyl proteases from <i>Trichoderma asperellum</i> expressed during colonization of cucumber roots. <i>FEMS Microbiology Letters</i> , 2004, 238, 151-158.	0.7	66
3	Are microbes at the root of a solution to world food production?. <i>EMBO Reports</i> , 2004, 5, 922-926.	2.0	170
4	Effect of <i>Trichoderma</i> Colonization on Auxin-Mediated Regulation of Root Elongation. <i>Plant Growth Regulation</i> , 2004, 43, 89-92.	1.8	23
5	Cell wall-degrading isoenzyme profiles of <i>Trichoderma</i> biocontrol strains show correlation with rDNA taxonomic species. <i>Current Genetics</i> , 2004, 46, 277-286.	0.8	49
6	Taxonomy and biocontrol potential of a new species of <i>Trichoderma</i> from the Amazon basin of South America. <i>Mycological Progress</i> , 2004, 3, 199-210.	0.5	91
7	Uses of <i>Trichoderma</i> spp. to Alleviate or Remediate Soil and Water Pollution. <i>Advances in Applied Microbiology</i> , 2004, 56, 313-330.	1.3	100
8	Isolation of two aspartyl proteases from expressed during colonization of cucumber roots. <i>FEMS Microbiology Letters</i> , 2004, 238, 151-158.	0.7	83
9	Enrichment for enhanced competitive plant root tip colonizers selects for a new class of biocontrol bacteria. <i>Environmental Microbiology</i> , 2005, 7, 1809-1817.	1.8	272
10	Receptor-like proteins involved in plant disease resistance. <i>Molecular Plant Pathology</i> , 2005, 6, 85-97.	2.0	111
11	Biological control of soil-borne pathogens by fluorescent pseudomonads. <i>Nature Reviews Microbiology</i> , 2005, 3, 307-319.	13.6	2,181
12	Expression of an α -1,3-glucanase during mycoparasitic interaction of <i>Trichoderma asperellum</i> . <i>FEBS Journal</i> , 2005, 272, 493-499.	2.2	58
13	BGN16.3, a novel acidic α -1,6-glucanase from mycoparasitic fungus <i>Trichoderma harzianum</i> CECT 2413. <i>FEBS Journal</i> , 2005, 272, 3441-3448.	2.2	32
14	Bioremediation - prospects for the future application of innovative applied biological research. <i>Annals of Applied Biology</i> , 2005, 146, 217-221.	1.3	106
15	Screening of antimicrobial activities in <i>Trichoderma</i> isolates representing three <i>Trichoderma</i> sections. <i>Mycological Research</i> , 2005, 109, 1397-1406.	2.5	47
16	A Century of Rhizosphere Research: Fungal Interactions With Plant's Hidden Half. <i>Mycological Research</i> , 2005, 109, 1058-1061.	2.5	2
17	<i>Trichoderma</i> Mitogen-Activated Protein Kinase Signaling Is Involved in Induction of Plant Systemic Resistance. <i>Applied and Environmental Microbiology</i> , 2005, 71, 6241-6246.	1.4	107
18	Signal Transduction by Tga3, a Novel G Protein β Subunit of <i>Trichoderma atroviride</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 1591-1597.	1.4	119

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19	The Non-catalytic Chitin-binding Protein CBP21 from <i>Serratia marcescens</i> Is Essential for Chitin Degradation. <i>Journal of Biological Chemistry</i> , 2005, 280, 28492-28497.	1.6	321
20	Abscisic Acid and Ethylene Influence on Endo-1,4-B-Glucanase Activity in <i>Trichoderma reesei</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2005, 19, 106-112.	0.5	2
21	Microbial co-operation in the rhizosphere. <i>Journal of Experimental Botany</i> , 2005, 56, 1761-1778.	2.4	935
22	Nonpathogenic Binucleate <i>Rhizoctonia</i> spp. and Benzothiadiazole Protect Cotton Seedlings Against <i>Rhizoctonia</i> Damping-Off and <i>Alternaria</i> Leaf Spot in Cotton. <i>Phytopathology</i> , 2005, 95, 1030-1036.	1.1	33
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24	Proteomic analysis of secreted proteins from <i>Trichoderma harzianum</i> . <i>Fungal Genetics and Biology</i> , 2005, 42, 924-934.	0.9	124
25	<i>Trichoderma harzianum</i> produces nonanoic acid, an inhibitor of spore germination and mycelial growth of two cacao pathogens. <i>Physiological and Molecular Plant Pathology</i> , 2005, 67, 304-307.	1.3	47
26	Trichothecene Production by <i>Trichoderma brevicompactum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8190-8196.	2.4	122
27	A Proteomics Perspective on Biocontrol and Plant Defense Mechanism. , 2005, , 233-255.		4
28	<i>Trichoderma brevicompactum</i> Complex: Rich Source of Novel and Recurrent Plant-Protective Polypeptide Antibiotics (Peptaibiotics). <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7047-7061.	2.4	65
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30	The Integrated Control of <i>Armillaria mellea</i> 1. Glasshouse Experiments. <i>Biological Agriculture and Horticulture</i> , 2006, 23, 225-234.	0.5	3
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32	<i>Trichoderma</i> : Systematics, the Sexual State, and Ecology. <i>Phytopathology</i> , 2006, 96, 195-206.	1.1	245
33	Tvbgn3, a β -1,6-Glucanase from the Biocontrol Fungus <i>Trichoderma virens</i> , Is Involved in Mycoparasitism and Control of <i>Pythium ultimum</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 7661-7670.	1.4	87
34	Molecular cloning, characterization, and expression studies of a novel chitinase gene (<i>ech30</i>) from the mycoparasite <i>Trichoderma atroviride</i> strain P1. <i>FEMS Microbiology Letters</i> , 2006, 256, 282-289.	0.7	35
35	Sm1, a Proteinaceous Elicitor Secreted by the Biocontrol Fungus <i>Trichoderma virens</i> Induces Plant Defense Responses and Systemic Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 838-853.	1.4	310
36	The Molecular Biology of the Interactions Between <i>Trichoderma</i> spp., Phytopathogenic Fungi, and Plants. <i>Phytopathology</i> , 2006, 96, 181-185.	1.1	301

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39	An overview of the systematics of the Sordariomycetes based on a four-gene phylogeny. <i>Mycologia</i> , 2006, 98, 1076-1087.	0.8	212
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41	Mechanism of action of theendo-(1 → 3)- β -glucanase MutAp from the mycoparasitic fungusTrichoderma harzianum. <i>FEBS Letters</i> , 2006, 580, 3780-3786.	1.3	25
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44	Induction of systemic resistance by a hypovirulent Rhizoctonia solani isolate in tomato. <i>Physiological and Molecular Plant Pathology</i> , 2006, 69, 160-171.	1.3	14
45	An overview of the systematics of the Sordariomycetes based on a four-gene phylogeny. <i>Mycologia</i> , 2006, 98, 1076-1087.	0.8	275
46	Randomly Amplified Polymorphic DNA Markers for Trichoderma species and Antagonism Against Fusarium oxysporum f. sp. ciceris Causing Chickpea Wilt. <i>Journal of Phytopathology</i> , 2006, 154, 663-669.	0.5	22
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57	Fungal and plant gene expression during the colonization of cacao seedlings by endophytic isolates of four <i>Trichoderma</i> species. <i>Planta</i> , 2006, 224, 1449-1464.	1.6	226
58	The first 100 <i>Trichoderma</i> species characterized by molecular data. <i>Mycoscience</i> , 2006, 47, 55-64.	0.3	148
59	Purification and characterization of a novel glucuronan lyase from <i>Trichoderma</i> sp. GL2. <i>Applied Microbiology and Biotechnology</i> , 2006, 70, 437-443.	1.7	36
60	Study of the three-way interaction between <i>Trichoderma atroviride</i> , plant and fungal pathogens by using a proteomic approach. <i>Current Genetics</i> , 2006, 50, 307-321.	0.8	247
61	Conidiation of <i>Trichoderma atroviride</i> isolate during submerged cultivation in a laboratory stirred-tank fermenter. <i>Folia Microbiologica</i> , 2006, 51, 209-213.	1.1	13
62	<i>Trichoderma</i> induced improvement in growth, yield and quality of sugarcane. <i>Sugar Tech</i> , 2006, 8, 166-169.	0.9	31
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66	Peptaibiotics: Screening for Polypeptide Antibiotics (Peptaibiotics) from Plant-Protective <i>Trichoderma</i> Species. <i>Chemistry and Biodiversity</i> , 2006, 3, 593-610.	1.0	64
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83	CONTROL OF SCLEROTIAL PATHOGENS WITH THE MYCOPARASITE <i>CONIOTHYRIUM MINITANS</i> . , 2007, , 223-241.		12
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94	Bench-scale fermentation of <i>Trichoderma viride</i> on wastewater sludge: Rheology, lytic enzymes and biocontrol activity. <i>Enzyme and Microbial Technology</i> , 2007, 41, 764-771.	1.6	39
95	Saponins from <i>Allium minutiflorum</i> with antifungal activity. <i>Phytochemistry</i> , 2007, 68, 596-603.	1.4	125
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98	Enhanced resistance to <i>Phoma tracheiphila</i> and <i>Botrytis cinerea</i> in transgenic lemon plants expressing a <i>Trichoderma harzianum</i> chitinase gene. <i>Plant Breeding</i> , 2007, 126, 146-151.	1.0	81
99	<i>Collimonas fungivorans</i> , an unpredicted in vitro but efficient in vivo biocontrol agent for the suppression of tomato foot and root rot. <i>Environmental Microbiology</i> , 2007, 9, 1597-1603.	1.8	56
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109	Biological efficacy of <i>Trichoderma harzianum</i> isolate to control some fungal pathogens of wheat (<i>Triticum aestivum</i>) in Turkey. <i>Biologia (Poland)</i> , 2007, 62, 283-286.	0.8	8
110	Alternative strawberry production using solarization, metham sodium and beneficial soil microbes as plant protection methods. <i>Agronomy for Sustainable Development</i> , 2007, 27, 179-184.	2.2	28

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112	Efficacy of <i>Trichoderma harzianum</i> (Rifaii) on inhibition of ascochyta blight disease of chickpea. <i>Annals of Microbiology</i> , 2007, 57, 665-668.	1.1	11
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117	<i>Trichoderma harzianum</i> : a biocontrol agent against <i>Bipolaris oryzae</i> . <i>Mycopathologia</i> , 2007, 164, 81-89.	1.3	68
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126	Tracking fungi in soil with monoclonal antibodies. <i>European Journal of Plant Pathology</i> , 2008, 121, 347-353.	0.8	17
127	Chemical composition, antibacterial and antifungal activities of <i>Trichoderma</i> sp. growing in Tunisia. <i>Annals of Microbiology</i> , 2008, 58, 303-308.	1.1	14
128	Antifungal Activity of Chitinases from <i>Trichoderma aureoviride</i> DY-59 and <i>Rhizopus microsporus</i> VS-9. <i>Current Microbiology</i> , 2008, 56, 28-32.	1.0	23

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426	Antimicrobial peptaibols from <i>Trichoderma pseudokoningii</i> induce programmed cell death in plant fungal pathogens. <i>Microbiology (United Kingdom)</i> , 2012, 158, 166-175.	0.7	140
427	<i>In vitro</i> antagonism of <i>Trichoderma</i> and naturally occurring fungi from elms against <i>Ophiostoma novo-ulmi</i> . <i>Forest Pathology</i> , 2013, 43, 51-58.	0.5	5
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810	Co-products from a biofuel production chain in crop disease management: A review. Crop Protection, 2015, 68, 12-26.	1.0	26
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816	Effects of Biofertilizers on Mn and Zn Acquisition and Growth of Higher Plants: A Rhizobox Experiment. <i>Journal of Plant Nutrition</i> , 2015, 38, 596-608.	0.9	5
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819	Individual and interactive role of <i>Trichoderma</i> and Mycorrhizae in controlling wilt disease and growth reduction in <i>Cajanus cajan</i> caused by <i>Fusarium udum</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2015, 48, 50-61.	0.6	3
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827	Genome-scale investigation of phenotypically distinct but nearly clonal <i>Trichoderma</i> strains. <i>PeerJ</i> , 2016, 4, e2023.	0.9	3
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830	Efficacy of four selective <i>Trichoderma</i> isolates as plant growth promoters in two peanut varieties. <i>International Journal of Biological Research</i> , 2016, 4, 152.	0.3	8
831	Evaluation of promising technologies for soil salinity amelioration in Timpaki (Crete): a participatory approach. <i>Solid Earth</i> , 2016, 7, 177-190.	1.2	34
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836	Endophytic Association of <i>Trichoderma asperellum</i> within <i>Theobroma cacao</i> Suppresses Vascular Streak Dieback Incidence and Promotes Side Graft Growth. <i>Mycobiology</i> , 2016, 44, 180-186.	0.6	28
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870	Molecular evolution and phylogenetic analysis of biocontrol genes acquired from <i>SCoT</i> polymorphism of mycoparasitic <i>Trichoderma koningii</i> inhibiting phytopathogen <i>Rhizoctonia solani</i> Kuhn. <i>Infection, Genetics and Evolution</i> , 2016, 45, 383-392.	1.0	27

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884	Belowground communication: impacts of volatile organic compounds (VOCs) from soil fungi on other soil-inhabiting organisms. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8651-8665.	1.7	111
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906	Induction of Systemic Resistance in Crop Plants Against Plant Pathogens by Plant Growth-Promoting Actinomycetes. , 2016, , 193-202.		3
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#	ARTICLE	IF	CITATIONS
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946	Selection and characterization of Argentine isolates of <i>Trichoderma harzianum</i> for effective biocontrol of <i>Septoria</i> leaf blotch of wheat. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 49.	1.7	7
947	Dissection of <i>Trichoderma longibrachiatum</i> -induced defense in onion (<i>Allium cepa</i> L.) against <i>Fusarium oxysporum</i> f. sp. <i>cepa</i> by target metabolite profiling. <i>Plant Science</i> , 2016, 246, 128-138.	1.7	123
948	Dose-dependent response of <i>Trichoderma harzianum</i> in improving drought tolerance in rice genotypes. <i>Planta</i> , 2016, 243, 1251-1264.	1.6	146
949	Microbial Inoculants in Sustainable Agricultural Productivity. , 2016, , .		38
950	Biological Control of Cacao Diseases. , 2016, , 511-566.		8
951	Ecological functions of <i>Trichoderma</i> spp. and their secondary metabolites in the rhizosphere: interactions with plants. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw036.	1.3	293
952	Biopesticides: An Eco-Friendly Approach for the Control of Soilborne Pathogens in Peanut. , 2016, , 161-179.		6
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955	Microbial Inoculant: Modern Era of Fertilizers and Pesticides. , 2016, , 319-343.		34
956	Two new diterpenoids from the endophytic fungus <i>Trichoderma</i> sp. Xy24 isolated from mangrove plant <i>Xylocarpus granatum</i> . <i>Chinese Chemical Letters</i> , 2016, 27, 957-960.	4.8	40
957	Native <i>Trichoderma</i> strains isolated from Bangladesh with broad spectrum antifungal action against fungal phytopathogens. <i>Archives of Phytopathology and Plant Protection</i> , 2016, 49, 75-93.	0.6	5
958	Comparative analysis of microsatellites in five different antagonistic <i>Trichoderma</i> species for diversity assessment. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 8.	1.7	36
959	Isolation of growth inhibitors of the snow rot pathogen <i>Pythium iwayamai</i> from an arctic strain of <i>Trichoderma polysporum</i> . <i>Journal of Antibiotics</i> , 2016, 69, 451-455.	1.0	15
960	<i>Trichoderma harzianum</i> T6776 modulates a complex metabolic network to stimulate tomato cv. Micro-Tom growth. <i>Plant and Soil</i> , 2016, 400, 351-366.	1.8	43
961	Fungal endophytes: modifiers of plant disease. <i>Plant Molecular Biology</i> , 2016, 90, 645-655.	2.0	350
962	Friends or foes? Emerging insights from fungal interactions with plants. <i>FEMS Microbiology Reviews</i> , 2016, 40, 182-207.	3.9	238

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964	Salt tolerance of endophytic <i>Trichoderma koningiopsis</i> YIM PH30002 and its volatile organic compounds (VOCs) allelopathic activity against phytopathogens associated with <i>Panax notoginseng</i> . Annals of Microbiology, 2016, 66, 981-990.	1.1	22
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975	Defense Priming: An Adaptive Part of Induced Resistance. <i>Annual Review of Plant Biology</i> , 2017, 68, 485-512.	8.6	692
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977	Antipathy of <i>Trichoderma</i> against <i>Sclerotium rolfsii</i> & <i>Sacc.</i> : Evaluation of Cell Wall-Degrading Enzymatic Activities and Molecular Diversity Analysis of Antagonists. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2017, 27, 22-28.	1.0	26
978	Reducing infection and secondary inoculum of <i>Phytophthora ramorum</i> on <i>Viburnum tinus</i> roots grown in potting medium amended with <i>Trichoderma asperellum</i> isolate 04-22. <i>Biological Control</i> , 2017, 107, 60-69.	1.4	4
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983	Native fungi as metal remediators: Silver <i>myco</i> -accumulation from metal contaminated waste-rock dumps (Libiola Mine, Italy). Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 191-195.	0.7	44
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987	Trichoderma down under: species diversity and occurrence of Trichoderma in New Zealand. Australasian Plant Pathology, 2017, 46, 11-30.	0.5	20
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1007	Evaluation of antifungal, phosphate solubilisation, and siderophore and chitinase release activities of endophytic fungi from <i>Pistacia vera</i> . <i>Mycological Progress</i> , 2017, 16, 777-790.	0.5	42
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1015	Biological control of plant diseases. <i>Australasian Plant Pathology</i> , 2017, 46, 293-304.	0.5	206
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1046	Plant Growth-Promoting Fungi (PGPF): Phytostimulation and Induced Systemic Resistance. , 2017, , 135-191.		55
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1085	Effect of <i>Trichoderma</i> -enriched organic charcoal in the integrated wood protection strategy. <i>PLoS ONE</i> , 2017, 12, e0183004.	1.1	12
1086	Research priorities for harnessing plant microbiomes in sustainable agriculture. <i>PLoS Biology</i> , 2017, 15, e2001793.	2.6	640
1087	Synergistic effects of plant defense elicitors and <i>Trichoderma harzianum</i> on enhanced induction of antioxidant defense system in tomato against <i>Fusarium</i> wilt disease. , 2017, 58, 44.		97
1089	In Vitro Antagonistic Potential of <i>Trichoderma harzianum</i> for Biological Control of <i>Fusarium moniliforme</i> Isolated from <i>Dioscorea rotundata</i> Tubers. , 2017, 06, .		2
1090	Harnessing Useful Rhizosphere Microorganisms for Nematode Control. , 2017, , .		11
1091	Evaluaci3n de la actividad fungicida e identificaci3n de compuestos org3nicos vol3tiles liberados por <i>Trichoderma viride</i> . <i>Revista Colombiana De Biotecnolog3a</i> , 2017, 19, 63-70.	0.5	5

#	ARTICLE	IF	CITATIONS
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1093	Five New Records of Soil-Derived <i>Trichoderma</i> in Korea: <i>T. albolutescens</i> , <i>T. asperelloides</i> , <i>T. orientale</i> , <i>T. spirale</i> , and <i>T. tomentosum</i> . <i>Mycobiology</i> , 2017, 45, 1-8.	0.6	10
1094	Caracterización morfológica y molecular de cepas nativas de <i>Trichoderma</i> y su potencial de biocontrol sobre <i>Phytophthora infestans</i> . <i>Revista Mexicana De Fitopatología</i> , 2017, 35, .	0.2	6
1095	Does Soil Treated with Conidial Formulations of <i>Trichoderma</i> spp. Attract or Repel Subterranean Termites?. <i>Journal of Economic Entomology</i> , 2018, 111, 808-816.	0.8	23
1096	Identification of the antifungal activity of <i>Trichoderma longibrachiatum</i> T6 and assessment of bioactive substances in controlling phytopathogens. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 59-66.	1.6	51
1097	The antimicrobial peptide trichokonin IV promotes plant growth and induces systemic resistance against <i>Botrytis cinerea</i> infection in moth orchid. <i>Journal of Phytopathology</i> , 2018, 166, 346-354.	0.5	16
1098	Characterization of antagonistic microorganisms against <i>Aspergillus</i> spp. from grapevine leaf and berry surfaces. <i>Journal of Plant Pathology</i> , 2018, 100, 179-190.	0.6	10
1099	Amendment with biocontrol strains increases <i>Trichoderma</i> numbers in mature kiwifruit (<i>Actinidia</i>) Tj ETQq1 1 0.784314 rgBT /Overlook Protection, 2018, 51, 54-69.	0.6	1
1100	Expression analysis on mycoparasitism related genes during antagonism of <i>Trichoderma</i> with <i>Colletotrichum falcatum</i> causing red rot in sugarcane. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2018, 27, 351-361.	0.9	16
1101	An evidence of fungal derived 1-aminocyclopropane-1-carboxylate deaminase promoting the growth of mangroves. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2018, 7, 446-451.	0.8	11
1102	Molecular dialogues between <i>Trichoderma</i> and roots: Role of the fungal secretome. <i>Fungal Biology Reviews</i> , 2018, 32, 62-85.	1.9	183
1103	Genotypic variation in the response of chickpea to arbuscular mycorrhizal fungi and non-mycorrhizal fungal endophytes. <i>Canadian Journal of Microbiology</i> , 2018, 64, 265-275.	0.8	20
1104	Mycophytoremediation of arsenic- and lead-contaminated soils by <i>Helianthus annuus</i> and wood rot fungi, <i>Trichoderma</i> sp. isolated from decayed wood. <i>Ecotoxicology and Environmental Safety</i> , 2018, 151, 279-284.	2.9	98
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1106	Mycobiota associated with insect galleries in walnut with thousand cankers disease reveals a potential natural enemy against <i>Geosmithia morbida</i> . <i>Fungal Biology</i> , 2018, 122, 241-253.	1.1	21
1107	<i>Trichoderma asperelloides</i> antagonism to nine <i>Sclerotinia sclerotiorum</i> strains and biological control of white mold disease in soybean plants. <i>Biocontrol Science and Technology</i> , 2018, 28, 142-156.	0.5	37
1108	Effects of vanillin on the community structures and abundances of <i>Fusarium</i> and <i>Trichoderma</i> spp. in cucumber seedling rhizosphere. <i>Journal of Plant Interactions</i> , 2018, 13, 45-50.	1.0	20
1109	<i>Trichoderma</i> : Beneficial Role in Sustainable Agriculture by Plant Disease Management. <i>Microorganisms for Sustainability</i> , 2018, , 105-126.	0.4	23

#	ARTICLE	IF	CITATIONS
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1115	Groundcover management changes grapevine root fungal communities and plant-soil feedback. Plant and Soil, 2018, 424, 419-433.	1.8	21
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1117	Unfolding the Role of Rhizomicrobiome Toward Sustainable Agriculture. Soil Biology, 2018, , 341-365.	0.6	4
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1122	Biosynthesis and characterization of silver nanoparticles using <i>Trichoderma longibrachiatum</i> and their effect on phytopathogenic fungi. Egyptian Journal of Biological Pest Control, 2018, 28, .	0.8	279
1123	Root Exudates of Stressed Plants Stimulate and Attract <i>Trichoderma</i> Soil Fungi. Molecular Plant-Microbe Interactions, 2018, 31, 982-994.	1.4	147
1124	Fungal endophytes of turmeric (<i>Curcuma longa</i> L.) and their biocontrol potential against pathogens <i>Pythium aphanidermatum</i> and <i>Rhizoctonia solani</i> . World Journal of Microbiology and Biotechnology, 2018, 34, 49.	1.7	41
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1129	Different mechanisms of <i>Trichoderma virens</i> -mediated resistance in tomato against Fusarium wilt involve the jasmonic and salicylic acid pathways. <i>Molecular Plant Pathology</i> , 2018, 19, 870-882.	2.0	145
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1131	Effects of dietary supplementation of <i>Trichoderma pseudokoningii</i> fermented enzyme powder on growth performance, intestinal morphology, microflora and serum antioxidative status in broiler chickens. <i>Italian Journal of Animal Science</i> , 2018, 17, 153-164.	0.8	13
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1133	Heavy metal tolerance traits of filamentous fungi isolated from gold and gemstone mining sites. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 29-37.	0.8	150
1134	Involvement of metabolic components, volatile compounds, PR proteins, and mechanical strengthening in multilayer protection of cucumber plants against <i>Rhizoctonia solani</i> activated by <i>Trichoderma atroviride</i> TRS25. <i>Protoplasma</i> , 2018, 255, 359-373.	1.0	101
1135	The root endophytic fungus <i>Trichoderma atroviride</i> induces foliar herbivory resistance in maize plants. <i>Applied Soil Ecology</i> , 2018, 124, 45-53.	2.1	82
1136	The effect of <i>Trichoderma harzianum</i> in mitigating low temperature stress in tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Qverlock_10 Tf 50 4.	1.7	73
1137	High diversity of root-associated fungi isolated from three epiphytic orchids in southern Ecuador. <i>Mycoscience</i> , 2018, 59, 24-32.	0.3	42
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1140	Mechanisms underlying the protective effects of beneficial fungi against plant diseases. <i>Biological Control</i> , 2018, 117, 147-157.	1.4	210
1141	Investigation on biosuppression of Fusarium crown and root rot of tomato (<i>Solanum lycopersicum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock_04 6 of <i>Microbiology Research</i> , 2018, 12, 152-170.	0.4	6
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1145	PREVENTIVE AND CURATIVE CONTROL OF <i>Oidium eucalypti</i> IN <i>Eucalyptus benthamii</i> CLONAL SEEDLINGS. <i>Revista Arvore</i> , 2018, 42, .	0.5	2

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1149	Biological role of the superoxide dismutase TaSOD on vegetative growth, stress response, and antagonism in <i>Trichoderma asperellum</i> . <i>Australasian Plant Pathology</i> , 2018, 47, 623-627.	0.5	1
1150	Does Mycoremediation Reduce the Soil Toxicant?. , 2018, , 423-431.		0
1151	<i>Trichoderma polyalthiae</i> sp. nov., an endophytic fungus from <i>Polyalthia debilis</i> . <i>Phytotaxa</i> , 2018, 371, 273.	0.1	2
1152	Biological Management of Basal Rot of Onion by <i>Trichoderma harzianum</i> and <i>Withania somnifera</i> . <i>Planta Daninha</i> , 2018, 36, .	0.5	11
1153	An alternative to mineral phosphorus fertilizers: The combined effects of <i>Trichoderma harzianum</i> and compost on <i>Zea mays</i> , as revealed by 1H NMR and GC-MS metabolomics. <i>PLoS ONE</i> , 2018, 13, e0209664.	1.1	45
1154	Tomato leafminer [(<i>Tuta absoluta</i> Meyrick) (Lepidoptera: Gelechiidae)] and its current ecofriendly management strategies: A review. <i>Journal of Agricultural Biotechnology and Sustainable Development</i> , 2018, 10, 11-24.	0.3	12
1155	Effect of Agricultural Chemicals and Organic Amendments on Biological Control Fungi. <i>Sustainable Agriculture Reviews</i> , 2018, , 217-359.	0.6	2
1156	Genomic characterization of <i>Trichoderma atrobrunneum</i> (<i>T. harzianum</i> species complex) ITEM 908: insight into the genetic endowment of a multi-target biocontrol strain. <i>BMC Genomics</i> , 2018, 19, 662.	1.2	41
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1161	Molecular recognition of fungal pathogens and activation of plant immune response. <i>Indian Phytopathology</i> , 2018, 71, 471-483.	0.7	2
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1166	Modulation of Tomato Response to <i>Rhizoctonia solani</i> by <i>Trichoderma harzianum</i> and Its Secondary Metabolite Harzianic Acid. <i>Frontiers in Microbiology</i> , 2018, 9, 1966.	1.5	126
1167	Effects of Glyphosate-, Glufosinate- and Flazasulfuron-Based Herbicides on Soil Microorganisms in a Vineyard. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 562-569.	1.3	37
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1169	The Hydrophobin HYTLO1 Secreted by the Biocontrol Fungus <i>Trichoderma longibrachiatum</i> Triggers a NAADP-Mediated Calcium Signalling Pathway in <i>Lotus japonicus</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2596.	1.8	33
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1174	Biocontrol efficacy of <i>Trichoderma</i> spp. against sesame wilt caused by <i>Fusarium oxysporum</i> f. sp. sesami. <i>Archives of Phytopathology and Plant Protection</i> , 2018, 51, 277-287.	0.6	5
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1176	Novel <i>Trichoderma</i> strains isolated from tree barks as potential biocontrol agents and biofertilizers for direct seeded rice. <i>Microbiological Research</i> , 2018, 214, 83-90.	2.5	46
1177	Growth response of litchi to arbuscular mycorrhizal co-inoculation with <i>Trichoderma viride</i> , <i>Azotobacter chroococcum</i> and <i>Bacillus megatarium</i> . <i>Indian Phytopathology</i> , 2018, 71, 65-74.	0.7	9
1178	Effect of trichodiene production by <i>Trichoderma harzianum</i> on <i>Acanthoscelides obtectus</i> . <i>Journal of Stored Products Research</i> , 2018, 77, 231-239.	1.2	23
1179	Mycoremediation Mechanisms for Heavy Metal Resistance/Tolerance in Plants. <i>Fungal Biology</i> , 2018, , 351-381.	0.3	9
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#	ARTICLE	IF	CITATIONS
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1183	Biostimulant Activity of <i>Trichoderma saturnisporum</i> in Melon (<i>Cucumis melo</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 810-815.	0.5	23
1184	An Overview of Canadian Research Activities on Diseases Caused by <i>Phytophthora ramorum</i> : Results, Progress, and Challenges. <i>Plant Disease</i> , 2018, 102, 1218-1233.	0.7	7
1185	Bacteria Inhabiting Wood of Roots and Stumps in Forest and Arable Soils. <i>Forestry Sciences</i> , 2018, , 319-342.	0.4	3
1187	Fungal community profiles in agricultural soils of a long-term field trial under different tillage, fertilization and crop rotation conditions analyzed by high-throughput ITS-amplicon sequencing. <i>PLoS ONE</i> , 2018, 13, e0195345.	1.1	82
1188	Antiproliferative and Antimicrobial Activities of Secondary Metabolites and Phylogenetic Study of Endophytic <i>Trichoderma</i> Species From Vinca Plants. <i>Frontiers in Microbiology</i> , 2018, 9, 1484.	1.5	64
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1194	Plant-Microbe Interaction and Genome Sequencing: An Evolutionary Insight. , 2018, , 427-449.		0
1195	Biological Control in Tomato Production Systems. , 2018, , 253-267.		3
1196	Biological control of tomato <i>Fusarium</i> wilt and whiteflies with two fungal biopesticides. <i>Acta Horticulturae</i> , 2018, , 129-138.	0.1	2
1197	Earthworm Grazed- <i>Trichoderma harzianum</i> Biofortified Spent Mushroom Substrates Modulate Accumulation of Natural Antioxidants and Bio-Fortification of Mineral Nutrients in Tomato. <i>Frontiers in Plant Science</i> , 2018, 9, 1017.	1.7	41
1198	Biological Control of <i>Fusarium oxysporum</i> in Tomato Seedling Production with Mexican Strains of <i>Trichoderma</i> . , 2018, , .		5
1199	Distribution and Genetic Variability of <i>Fusarium oxysporum</i> Associated with Tomato Diseases in Algeria and a Biocontrol Strategy with Indigenous <i>Trichoderma</i> spp.. <i>Frontiers in Microbiology</i> , 2018, 9, 282.	1.5	69
1200	<i>Trichoderma</i> Biofertilizer Links to Altered Soil Chemistry, Altered Microbial Communities, and Improved Grassland Biomass. <i>Frontiers in Microbiology</i> , 2018, 9, 848.	1.5	89

#	ARTICLE	IF	CITATIONS
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1202	Observations on the Early Establishment of Foliar Endophytic Fungi in Leaf Discs and Living Leaves of a Model Woody Angiosperm, <i>Populus trichocarpa</i> (Salicaceae). <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 58.	1.5	27
1203	A Sustainable Agricultural Future Relies on the Transition to Organic Agroecological Pest Management. <i>Sustainability</i> , 2018, 10, 2023.	1.6	57
1204	Integrated management of wet root rot, yellow mosaic, and leaf crinkle diseases of urdbean by seed treatment and foliar spray of insecticide, fungicide, and biocontrol agent. <i>Crop Protection</i> , 2018, 112, 269-273.	1.0	3
1205	Effects of rhizosphere wettability on microbial biomass, enzyme activities and localization. <i>Rhizosphere</i> , 2018, 7, 35-42.	1.4	21
1206	Trichoderma : Its Multifarious Utility in Crop Improvement. , 2018, , 263-291.		8
1207	Effect of <i>Trichoderma harzianum</i> on tomato plant growth and its antagonistic activity against <i>Phythium ultimum</i> and <i>Phytophthora capsici</i> . <i>Egyptian Journal of Biological Pest Control</i> , 2018, 28, .	0.8	7
1208	Enhanced biocontrol activity of cellulase from <i>Trichoderma harzianum</i> against <i>Fusarium graminearum</i> through activation of defense-related genes in maize. <i>Physiological and Molecular Plant Pathology</i> , 2018, 103, 130-136.	1.3	40
1209	Influence of fungal endophytes on plant physiology is more pronounced under stress than well-watered conditions: a meta-analysis. <i>Planta</i> , 2018, 248, 1403-1416.	1.6	53
1210	Molecular characterization of a novel double-stranded RNA mycovirus of <i>Trichoderma asperellum</i> strain JLM45-3. <i>Archives of Virology</i> , 2018, 163, 3433-3437.	0.9	10
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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1919	Kavunda <i>Fusarium solgunluk hastalÄ±ÄŸÄ±na karÄŸÄ± bazÄ± rizobakterilerin ve bitki aktivatÄ¶rlerinin etkinliklerinin belirlenmesi</i> . <i>Anadolu Journal of Agricultural Sciences</i> , 0, , 135-145.	0.3	4
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1923	Distribution and Diversity of Indigenous <i>Trichoderma</i> species in Machakos County, Kenya. <i>British Microbiology Research Journal</i> , 2015, 9, 1-15.	0.2	4
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1931	The Entomopathogenic Fungi <i>Metarhizium brunneum</i> and <i>Beauveria bassiana</i> Promote Systemic Immunity and Confer Resistance to a Broad Range of Pests and Pathogens in Tomato. <i>Phytopathology</i> , 2022, 112, 784-793.	1.1	30
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1940	Experimental Setups and Considerations to Study Microbial Interactions. <i>Methods in Molecular Biology</i> , 2008, 484, 17-26.	0.4	0
1941	Optimization and production of salicylic acid by rhizobacterial strain <i>Bacillus licheniformis</i> MML2501. <i>The Internet Journal of Microbiology</i> , 2009, 6, .	0.5	1
1942	Identification of <i>Trichoderma asperellum</i> from selected fruit plantations of Sri Lanka. <i>Journal of the National Science Foundation of Sri Lanka</i> , 2010, 38, 125.	0.1	3
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1948	Biocontrol Efficacy of <i>Trichoderma Koningii</i> Against some Plant Pathogenic fungi. <i>Paripex-indian Journal of Research</i> , 2012, 2, 9-10.	0.0	5
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1970	Studies on Effects of Inoculation of <i>Glomus mosseae</i> and Plant Growth Promoting Rhizomicroorganisms (PGPR) on <i>Plectranthus amboinicus</i> (Lour.) Spreng. International Journal of Current Research in Biosciences and Plant Biology, 2016, 3, 127-137.	0.1	0
1971	Formulation and Testing of Combined Organic Liquid Supplement from <i>Trichoderma</i> spp. and Fermented Plant and Seed Extracts on the Growth of Organic Pechay. Annals of Tropical Research, 2016, , 53-64.	0.1	0
1972	Field evaluation of <i>Trichoderma Viride</i> for wilt management in chickpea crop. International Journal Plant Sciences, 2016, 11, 233-236.	0.0	1

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1981	Bioformulation in biological control for plant diseases- A Review. International Journal of Biotech Trends and Technology, 0, 22, 1-8.	0.2	1
1982	Integration of biocontrol agents with fungicide, weedicide and plant growth regulator for management of stem and root rot of jute. Journal of Applied and Natural Science, 2017, 9, 899-904.	0.2	2
1983	Potential of Trichoderma spp. on Growth Promotion and Mitigating Cadmium Uptake in Rice Plant under the Metal Stress Ecosystem. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 992-1010.	0.0	1
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1989	Role of Trichoderma and Sinorhizobium Strains for Improving Growth and Nutritional Status of Alfalfa under Cd Stress. International Journal of Environment Agriculture and Biotechnology, 2018, 3, 33-48.	0.0	0
1990	Role of Root Colonizing Trichoderma Species in Management of Alternaria Leaf Blight of Asalio (<i>Lepidium sativum</i> L.) Caused by <i>Alternaria alternata</i> . International Journal of Current Microbiology and Applied Sciences, 2018, 7, 2544-2561.	0.0	2
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1992	Isolation and Identification of Trichoderma Species and Investigating their Seed Treatment Effect on Rapeseed (<i>Brassica napus</i> L.) Germination. Cercetari Agronomice in Moldova, 2018, 51, 43-50.	0.3	2
1994	Ticari Mikrobiyal G3bre Sim Dermaif' (<i>Trichoderma harzianum</i> , Kuen 1585) Uygulamas3n3n Ispanakta 3timlenme, Geli3yme ve Verim 3ezerine Etkisi. Turkish Journal of Agricultural and Natural Sciences, 0, , 482-491.	0.1	4

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2000	Integrated Pest and Disease Management for Better Agronomic Crop Production. , 2019, , 385-428.		27
2001	Antagonistic activity of some bioagents against root rot diseases of pepper (<i>Capsicum annum</i> L.). Environment Biodiversity and Soil Security, 2019, 3, 103-104.	0.1	3
2002	Nohut (<i>Cicer arietinum</i> L.)â€™ta SolgunluÄŸa Neden Olan <i>Fusarium oxysporum</i> â€™un Biyolojik MÃ¼cadelesi. TÃ¼rkiye TarÄ±msal AraÅŸtÄ±rmalar Dergisi, 2019, 6, 65-72.	0.5	7
2003	Effect of <i>Trichoderma</i> spp. on the Propagation of <i>Maytenus ilicifolia</i> Mart. ex Reissek. Journal of Agricultural Science, 2019, 11, 435.	0.1	3
2004	Control Effect of <i>Fusarium</i> Wilt of Cucumber by <i>Trichoderma</i> Collection Strain. Journal of Environmental Science International, 2019, 28, 385-392.	0.0	0
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2021	Evaluation of <i>Trichoderma atroviride</i> endophytes with growth-promoting activities on tomato plants and antagonistic action on <i>Fusarium oxysporum</i> . <i>CiÃancia E Natura</i> , 0, 42, e47.	0.0	0
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2023	Effect of seed biopriming with <i>Trichoderma harzianum</i> strain INAT11 on <i>Fusarium</i> ear rot and <i>Gibberella</i> ear rot diseases. <i>Biological Control</i> , 2020, 147, 104286.	1.4	16
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2031	Synergistic Effect between <i>Trichoderma virens</i> and <i>Bacillus velezensis</i> on the Control of Tomato Bacterial Wilt Disease. <i>Horticulturae</i> , 2021, 7, 439.	1.2	15
2032	Evaluation of Plant Growth Promoting Ability of <i>Bacillus amyloliquefaciens</i> Bc2 and <i>Trichoderma harzianum</i> TR <i>In Vivo</i>. <i>Agricultural Sciences</i> , 2020, 11, 247-259.	0.2	3
2033	Bioengineering and Molecular Manipulation of Ethylene Signaling System for Crop Disease Management. <i>Signaling and Communication in Plants</i> , 2020, , 249-267.	0.5	0
2034	Bio-fertilizer from <i>Trichoderma</i> : Boom for Agriculture Production and Management of Soil- and Root-Borne Plant Pathogens. , 2020, , 245-256.		12
2035	Domateste <i>Alternaria solani</i> (Ell. & G. Martin) Sor.â™ye KarÃ± Baz± Endofit Bakterilerin Etkisi. <i>Uluslararası Tarâm Ve Yaban Hayat± Bilimleri Dergisi</i> , 0, , 469-477.	0.1	4

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2044	â€Cu-Chi-Triâ€™, a New Generation Combination for Knowledge-Based Management of Oomycete Pathogen, Phytophthora infestans. , 2021, , 297-315.		1
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2055	Management of fusarium yellows of gladiolus through cow urine and bioagent. Horticulture International Journal, 2020, 4, 1-4.	0.2	0
2056	Trichoderma: A Globally Dominant Commercial Biofungicide. Soil Biology, 2020, , 195-208.	0.6	6
2057	Trichoderma as Biostimulant: Factors Responsible for Plant Growth Promotion. Soil Biology, 2020, , 287-309.	0.6	1
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#	ARTICLE	IF	CITATIONS
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2077	Microbial Bioagents in Agriculture: Current Status and Prospects. , 2020, , 331-368.		7
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2082	Mutualistic interaction of native <i>Serratia marcescens</i> UENF-22GI with <i>Trichoderma longibrachiatum</i> UENF-F476 boosting seedling growth of tomato and papaya. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 211.	1.7	1
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2094	Tracking fungi in soil with monoclonal antibodies. , 2007, , 347-353.		0
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2110	Inhibition of extracellular traps by spores of <i>Trichoderma stromaticum</i> on neutrophils obtained from human peripheral blood. <i>Molecular Immunology</i> , 2022, 141, 43-52.	1.0	2
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2136	Biyolojik Mücadelede Trichodermalar ve Biyolojik Kontrol Mekanizmaları. <i>Uludağ Üniversitesi Fen Ve Doğal Bilimleri Dergisi</i> , 0, , .	0.3	0
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2138	Combined Biostimulant Applications of <i>Trichoderma</i> spp. with Fatty Acid Mixtures Improve Biocontrol Activity, Horticultural Crop Yield and Nutritional Quality. <i>Agronomy</i> , 2022, 12, 275.	1.3	7

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2140	<i>Trichoderma</i> -Induced Resistance to <i>Botrytis cinerea</i> in <i>Solanum</i> Species: A Meta-Analysis. <i>Plants</i> , 2022, 11, 180.	1.6	12
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#	ARTICLE	IF	CITATIONS
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2185	<i>Trichoderma Asperellum</i> strains as potential biological control agents against <i>Fusarium verticillioides</i> and <i>Ustilago maydis</i> in maize. <i>Biocontrol Science and Technology</i> , 2022, 32, 624-647.	0.5	13
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2200	Effects of <i>Trichoderma strigosellum</i> in <i>Eucalyptus urophylla</i> Development and Leaf-Cutting Ant Behavior. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 15.	1.5	5
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#	ARTICLE	IF	CITATIONS
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2205	Control Strategies to Cope with Late Wilt of Maize. <i>Pathogens</i> , 2022, 11, 13.	1.2	8
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2210	Precipitation increased the proportion of non-mycorrhizal fungi in <i>Plantathera chlorantha</i> orchid roots. <i>Rhizosphere</i> , 2022, 22, 100522.	1.4	1
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2327	Seed application with microbial inoculants for enhanced plant growth. , 2022, , 333-368.		1
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2358	The Effect of Rootstock Activity for Growth and Root System Soaking in <i>Trichoderma atroviride</i> on the Graft Success and Continued Growth of Beech (<i>Fagus sylvatica</i> L.) Plants. <i>Agronomy</i> , 2022, 12, 1259.	1.3	1

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