

MarÃ-a Eugenia MorÃ;n-Diez

List of Publications by Year in descending order

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24
papers

1,287
citations

430754

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610775

24
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24
docs citations

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times ranked

1389
citing authors

#	ARTICLE	IF	CITATIONS
1	The ThPG1 Endopolygalacturonase Is Required for the <i>Trichoderma harzianum</i> “Plant Beneficial Interaction. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1021-1031.	1.4	173
2	Transcriptomic response of <i>Arabidopsis thaliana</i> after 24h incubation with the biocontrol fungus <i>Trichoderma harzianum</i> . <i>Journal of Plant Physiology</i> , 2012, 169, 614-620.	1.6	143
3	Functional analysis of non-ribosomal peptide synthetases (NRPSs) in <i>Trichoderma virens</i> reveals a polyketide synthase (PKS)/NRPS hybrid enzyme involved in the induced systemic resistance response in maize. <i>Microbiology (United Kingdom)</i> , 2012, 158, 155-165.	0.7	137
4	<i>Beauveria bassiana</i> as an endophyte: a critical review on associated methodology and biocontrol potential. <i>BioControl</i> , 2017, 62, 1-17.	0.9	132
5	Two Classes of New Peptaibols Are Synthesized by a Single Non-ribosomal Peptide Synthetase of <i>Trichoderma virens</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 4544-4554.	1.6	97
6	Role of gliotoxin in the symbiotic and pathogenic interactions of <i>Trichoderma virens</i> . <i>Microbiology (United Kingdom)</i> , 2014, 160, 2319-2330.	0.7	86
7	Host-specific transcriptomic pattern of <i>Trichoderma virens</i> during interaction with maize or tomato roots. <i>BMC Genomics</i> , 2015, 16, 8.	1.2	76
8	<i>Trichoderma asperellum</i> biocontrol activity and induction of systemic defenses against <i>Sclerotium cepivorum</i> in onion plants under tropical climate conditions. <i>Biological Control</i> , 2020, 141, 104145.	1.4	54
9	<i>Trichoderma</i> and the Plant Heritable Priming Responses. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 318.	1.5	54
10	Transcriptomic Analysis of <i>Trichoderma atroviride</i> Overgrowing Plant-Wilting <i>Verticillium dahliae</i> Reveals the Role of a New M14 Metalloprotease CPA1 in Biocontrol. <i>Frontiers in Microbiology</i> , 2019, 10, 1120.	1.5	50
11	Root-expressed maize lipoxygenase 3 negatively regulates induced systemic resistance to <i>Colletotrichum graminicola</i> in shoots. <i>Frontiers in Plant Science</i> , 2013, 4, 510.	1.7	42
12	A paralog of the proteinaceous elicitor SM1 is involved in colonization of maize roots by <i>Trichoderma virens</i> . <i>Fungal Biology</i> , 2015, 119, 476-486.	1.1	41
13	Development of Biopesticides and Future Opportunities. <i>Methods in Molecular Biology</i> , 2016, 1477, 211-221.	0.4	32
14	Effect of Inorganic N Top Dressing and <i>Trichoderma harzianum</i> Seed-Inoculation on Crop Yield and the Shaping of Root Microbial Communities of Wheat Plants Cultivated Under High Basal N Fertilization. <i>Frontiers in Plant Science</i> , 2020, 11, 575861.	1.7	32
15	Combined Comparative Genomics and Gene Expression Analyses Provide Insights into the Terpene Synthases Inventory in <i>Trichoderma</i> . <i>Microorganisms</i> , 2020, 8, 1603.	1.6	25
16	Effect of coating maize seed with entomopathogenic fungi on plant growth and resistance against <i>Fusarium graminearum</i> and <i>Costelytra giveni</i> . <i>Biocontrol Science and Technology</i> , 2019, 29, 877-900.	0.5	22
17	Microbiological Evaluation of the Disinfecting Potential of UV-C and UV-C Plus Ozone Generating Robots. <i>Microorganisms</i> , 2021, 9, 172.	1.6	19
18	TvDim1 of <i>Trichoderma virens</i> is involved in redox-processes and confers resistance to oxidative stresses. <i>Current Genetics</i> , 2010, 56, 63-73.	0.8	18

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19	Differential Response of Tomato Plants to the Application of Three Trichoderma Species When Evaluating the Control of Pseudomonas syringae Populations. <i>Plants</i> , 2020, 9, 626.	1.6	15
20	What are Microbial-based Biopesticides?. <i>Methods in Molecular Biology</i> , 2016, 1477, 1-10.	0.4	12
21	Effect of Trichoderma asperellum on Wheat Plants's Biochemical and Molecular Responses, and Yield under Different Water Stress Conditions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6782.	1.8	10
22	Effects on hyphal morphology and development by the putative copper radical oxidase glx1 in Trichoderma virens suggest a novel role as a cell wall associated enzyme. <i>Fungal Genetics and Biology</i> , 2019, 131, 103245.	0.9	6
23	A Split-Root Method to Study Systemic and Heritable Traits Induced by Trichoderma in Tomato Plants. <i>Rhizosphere Biology</i> , 2019, , 151-166.	0.4	6
24	Using multiple insecticidal microbial agents against diamondback moth larvae - does it increase toxicity?. <i>New Zealand Journal of Agricultural Research</i> , 2021, 64, 178-193.	0.9	5