

Alfredo Herrera-Estrella

List of Publications by Year in descending order

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124
papers

10,314
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29994

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docs citations

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times ranked

7844
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | <i>Drosophila</i> attack inhibits hyphal regeneration and defense mechanisms activation for the fungus <i>Trichoderma atroviride</i> . ISME Journal, 2022, 16, 149-158. | 4.4 | 2 |
| 2 | F-actin dynamics following mechanical injury of <i>Trichoderma atroviride</i> and <i>Neurospora crassa</i> hyphae. Fungal Genetics and Biology, 2022, 159, 103672. | 0.9 | 7 |
| 3 | The Alpha Variant (B.1.1.7) of SARS-CoV-2 Failed to Become Dominant in Mexico. Microbiology Spectrum, 2022, 10, e0224021. | 1.2 | 21 |
| 4 | Dominance of Three Sublineages of the SARS-CoV-2 Delta Variant in Mexico. Viruses, 2022, 14, 1165. | 1.5 | 12 |
| 5 | <i>Trichoderma atroviride</i> emitted volatiles improve growth of <i>Arabidopsis</i> seedlings through modulation of sucrose transport and metabolism. Plant, Cell and Environment, 2021, 44, 1961-1976. | 2.8 | 31 |
| 6 | A Global Analysis of Photoreceptor-Mediated Transcriptional Changes Reveals the Intricate Relationship Between Central Metabolism and DNA Repair in the Filamentous Fungus <i>Trichoderma atroviride</i> . Frontiers in Microbiology, 2021, 12, 724676. | 1.5 | 8 |
| 7 | Effects on <i>Capsicum annuum</i> Plants Colonized with <i>Trichoderma atroviride</i> P. Karst Strains Genetically Modified in Taswo1, a Gene Coding for a Protein with Expansin-like Activity. Plants, 2021, 10, 1919. | 1.6 | 6 |
| 8 | Strong preference for the integration of transforming DNA via homologous recombination in <i>Trichoderma atroviride</i> . Fungal Biology, 2020, 124, 854-863. | 1.1 | 0 |
| 9 | Biological Control Agents and Their Importance for the Plant Health. , 2020, , 13-36. | | 8 |
| 10 | The fungal NADPH oxidase is an essential element for the molecular dialog between <i>Trichoderma</i> and <i>Arabidopsis</i> . Plant Journal, 2020, 103, 2178-2192. | 2.8 | 28 |
| 11 | Assessment of the ptxD gene as a growth and selective marker in <i>Trichoderma atroviride</i> using Pccg6, a novel constitutive promoter. Microbial Cell Factories, 2020, 19, 69. | 1.9 | 8 |
| 12 | IPA-1 a Putative Chromatin Remodeler/Helicase-Related Protein of <i>Trichoderma virens</i> Plays Important Roles in Antibiosis Against <i>Rhizoctonia solani</i> and Induction of <i>Arabidopsis</i> Systemic Disease Resistance. Molecular Plant-Microbe Interactions, 2020, 33, 808-824. | 1.4 | 10 |
| 13 | Editorial: Plant Disease Management in the Post-genomic Era: From Functional Genomics to Genome Editing. Frontiers in Microbiology, 2020, 11, 107. | 1.5 | 8 |
| 14 | Protein analysis reveals differential accumulation of late embryogenesis abundant and storage proteins in seeds of wild and cultivated amaranth species. BMC Plant Biology, 2019, 19, 59. | 1.6 | 25 |
| 15 | The avocado genome informs deep angiosperm phylogeny, highlights introgressive hybridization, and reveals pathogen-influenced gene space adaptation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17081-17089. | 3.3 | 134 |
| 16 | <i>Trichoderma atroviride</i> from Predator to Prey: Role of the Mitogen-Activated Protein Kinase Tmk3 in Fungal Chemical Defense against Fungivory by <i>Drosophila melanogaster</i> Larvae. Applied and Environmental Microbiology, 2019, 85, . | 1.4 | 19 |
| 17 | <i>Trichoderma</i> Species: Versatile Plant Symbionts. Phytopathology, 2019, 109, 6-16. | 1.1 | 178 |
| 18 | Fungal Morphogenesis, from the Polarized Growth of Hyphae to Complex Reproduction and Infection Structures. Microbiology and Molecular Biology Reviews, 2018, 82, . | 2.9 | 231 |

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|----|--|-----|-----------|
| 19 | Danger signals activate a putative innate immune system during regeneration in a filamentous fungus. <i>PLoS Genetics</i> , 2018, 14, e1007390. | 1.5 | 27 |
| 20 | The advantage of parallel selection of domestication genes to accelerate crop improvement. <i>Genome Biology</i> , 2018, 19, 147. | 3.8 | 10 |
| 21 | An Adult Zebrafish Model Reveals that Mucormycosis Induces Apoptosis of Infected Macrophages. <i>Scientific Reports</i> , 2018, 8, 12802. | 1.6 | 33 |
| 22 | Morphological, proximal composition, and bioactive compounds characterization of wild and cultivated amaranth (<i>Amaranthus</i> spp.) species. <i>Journal of Cereal Science</i> , 2018, 83, 222-228. | 1.8 | 21 |
| 23 | The NADPH Oxidases Nox1 and Nox2 Differentially Regulate Volatile Organic Compounds, Fungistatic Activity, Plant Growth Promotion and Nutrient Assimilation in <i>Trichoderma atroviride</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3271. | 1.5 | 31 |
| 24 | Identification of effector-like proteins in <i>Trichoderma</i> spp. and role of a hydrophobin in the plant-fungus interaction and mycoparasitism. <i>BMC Genetics</i> , 2017, 18, 16. | 2.7 | 122 |
| 25 | A Ras GTPase associated protein is involved in the phototropic and circadian photobiology responses in fungi. <i>Scientific Reports</i> , 2017, 7, 44790. | 1.6 | 22 |
| 26 | Genomic history of the origin and domestication of common bean unveils its closest sister species. <i>Genome Biology</i> , 2017, 18, 60. | 3.8 | 142 |
| 27 | A new species of <i>Phaseolus</i> (Leguminosae, Papilionoideae) sister to <i>Phaseolus vulgaris</i> , the common bean. <i>Phytotaxa</i> , 2017, 313, 259. | 0.1 | 10 |
| 28 | Requirement of Whole-Genome Sequencing. <i>Compendium of Plant Genomes</i> , 2017, , 109-128. | 0.3 | 1 |
| 29 | The Complexity of Fungal Vision. , 2017, , 441-461. | | 0 |
| 30 | <i>Trichoderma</i> -Induced Acidification Is an Early Trigger for Changes in <i>Arabidopsis</i> Root Growth and Determines Fungal Phytostimulation. <i>Frontiers in Plant Science</i> , 2017, 8, 822. | 1.7 | 60 |
| 31 | Amaranth Protein Improves Lipid Profile and Insulin Resistance in a Diet-induced Obese Mice Model. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2017, 5, 914-924. | 0.1 | 4 |
| 32 | Dynamics of a Novel Highly Repetitive CACTA Family in Common Bean (<i>Phaseolus vulgaris</i>). <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2091-2101. | 0.8 | 5 |
| 33 | Effect of textile dyes on activity and differential regulation of laccase genes from <i>Pleurotus ostreatus</i> grown in submerged fermentation. <i>AMB Express</i> , 2016, 6, 93. | 1.4 | 19 |
| 34 | The Complexity of Fungal Vision. <i>Microbiology Spectrum</i> , 2016, 4, . | 1.2 | 46 |
| 35 | Global transcriptional analysis suggests <i>Lasiodiplodia theobromae</i> pathogenicity factors involved in modulation of grapevine defensive response. <i>BMC Genomics</i> , 2016, 17, 615. | 1.2 | 51 |
| 36 | 13 Nematophagous Fungi. , 2016, , 247-267. | | 1 |

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|----|---|-----|-----------|
| 37 | Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. <i>Current Biology</i> , 2016, 26, 1577-1584. | 1.8 | 175 |
| 38 | Genome and transcriptome analysis of the Mesoamerican common bean and the role of gene duplications in establishing tissue and temporal specialization of genes. <i>Genome Biology</i> , 2016, 17, 32. | 3.8 | 166 |
| 39 | The <i>Trichoderma atroviride</i> putative transcription factor Blu7 controls light responsiveness and tolerance. <i>BMC Genomics</i> , 2016, 17, 327. | 1.2 | 25 |
| 40 | A <i>Trichoderma atroviride</i> stress-activated MAPK pathway integrates stress and light signals. <i>Molecular Microbiology</i> , 2016, 100, 860-876. | 1.2 | 58 |
| 41 | The <i>Trichoderma atroviride</i> cryptochrome/photolyase genes regulate the expression of blr1-independent genes both in red and blue light. <i>Fungal Biology</i> , 2016, 120, 500-512. | 1.1 | 42 |
| 42 | 3 The Bright and Dark Sides of Fungal Life. , 2016, , 41-77. | | 8 |
| 43 | The Genomes of Three Uneven Siblings: Footprints of the Lifestyles of Three <i>Trichoderma</i> Species. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 205-327. | 2.9 | 194 |
| 44 | The interaction of fungi with the environment orchestrated by RNAi. <i>Mycologia</i> , 2016, 108, 556-571. | 0.8 | 32 |
| 45 | Xenobiotic Compounds Degradation by Heterologous Expression of a <i>Trametes sanguineus</i> Laccase in <i>Trichoderma atroviride</i> . <i>PLoS ONE</i> , 2016, 11, e0147997. | 1.1 | 55 |
| 46 | De novo sequencing and analysis of <i>Lophophora williamsii</i> transcriptome, and searching for putative genes involved in mescaline biosynthesis. <i>BMC Genomics</i> , 2015, 16, 657. | 1.2 | 17 |
| 47 | Damage response involves mechanisms conserved across plants, animals and fungi. <i>Current Genetics</i> , 2015, 61, 359-372. | 0.8 | 48 |
| 48 | The Epl1 and Sm1 proteins from <i>Trichoderma atroviride</i> and <i>Trichoderma virens</i> differentially modulate systemic disease resistance against different life style pathogens in <i>Solanum lycopersicum</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 77. | 1.7 | 93 |
| 49 | <i>Trichoderma</i> as biostimulant: exploiting the multilevel properties of a plant beneficial fungus. <i>Scientia Horticulturae</i> , 2015, 196, 109-123. | 1.7 | 320 |
| 50 | The <i>Trichoderma reesei</i> Cry1 Protein Is a Member of the Cryptochrome/Photolyase Family with 6 th Photoproduct Repair Activity. <i>PLoS ONE</i> , 2014, 9, e100625. | 1.1 | 17 |
| 51 | Extracellular ATP activates MAPK and ROS signaling during injury response in the fungus <i>Trichoderma atroviride</i> . <i>Frontiers in Plant Science</i> , 2014, 5, 659. | 1.7 | 47 |
| 52 | Genome-Wide Approaches toward Understanding Mycotrophic <i>Trichoderma</i> Species. , 2014, , 455-464. | | 8 |
| 53 | <i>Trichoderma atroviride</i> Transcriptional Regulator Xyr1 Supports the Induction of Systemic Resistance in Plants. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5274-5281. | 1.4 | 32 |
| 54 | The 4-phosphopantetheinyl transferase of <i>Trichoderma virens</i> plays a role in plant protection against <i>Botrytis cinerea</i> through volatile organic compound emission. <i>Plant and Soil</i> , 2014, 379, 261-274. | 1.8 | 95 |

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| 55 | Synthesis of 6-Substituted 1-oxoindanoyl Isoleucine Conjugates and Modeling Studies with the COI1-JAZ Co-Receptor Complex of Lima Bean. <i>Journal of Chemical Ecology</i> , 2014, 40, 687-699. | 0.9 | 16 |
| 56 | <i>Trichoderma</i> Research in the Genome Era. <i>Annual Review of Phytopathology</i> , 2013, 51, 105-129. | 3.5 | 370 |
| 57 | The <i>RNAi</i> machinery regulates growth and development in the filamentous fungus <i>Trichoderma atroviride</i> . <i>Molecular Microbiology</i> , 2013, 89, 96-112. | 1.2 | 88 |
| 58 | Architecture and evolution of a minute plant genome. <i>Nature</i> , 2013, 498, 94-98. | 13.7 | 293 |
| 59 | Proteomic Analysis of <i>Trichoderma atroviride</i> Reveals Independent Roles for Transcription Factors BLR-1 and BLR-2 in Light and Darkness. <i>Eukaryotic Cell</i> , 2012, 11, 30-41. | 3.4 | 27 |
| 60 | An injury-response mechanism conserved across kingdoms determines entry of the fungus <i>Trichoderma atroviride</i> into development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14918-14923. | 3.3 | 99 |
| 61 | <i>Trichoderma</i> : sensing the environment for survival and dispersal. <i>Microbiology (United Kingdom)</i> , 2012, 158, 3-16. | 0.7 | 88 |
| 62 | Global Transcriptome Analysis of the Scorpion <i>Centruroides noxius</i> : New Toxin Families and Evolutionary Insights from an Ancestral Scorpion Species. <i>PLoS ONE</i> , 2012, 7, e43331. | 1.1 | 69 |
| 63 | Identification of Mycoparasitism-Related Genes in <i>Trichoderma atroviride</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 4361-4370. | 1.4 | 127 |
| 64 | Role of the 4-Phosphopantetheinyl Transferase of <i>Trichoderma virens</i> in Secondary Metabolism and Induction of Plant Defense Responses. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1459-1471. | 1.4 | 89 |
| 65 | <i>Trichoderma</i> : the genomics of opportunistic success. <i>Nature Reviews Microbiology</i> , 2011, 9, 749-759. | 13.6 | 814 |
| 66 | Comparative genome sequence analysis underscores mycoparasitism as the ancestral life style of <i>Trichoderma</i> . <i>Genome Biology</i> , 2011, 12, R40. | 3.8 | 594 |
| 67 | Colonization of <i>Arabidopsis</i> roots by <i>Trichoderma atroviride</i> promotes growth and enhances systemic disease resistance through jasmonic acid/ethylene and salicylic acid pathways. <i>European Journal of Plant Pathology</i> , 2011, 131, 15-26. | 0.8 | 231 |
| 68 | Transcriptomics and molecular evolutionary rate analysis of the bladderwort (<i>Utricularia</i>), a carnivorous plant with a minimal genome. <i>BMC Plant Biology</i> , 2011, 11, 101. | 1.6 | 50 |
| 69 | Is GC bias in the nuclear genome of the carnivorous plant <i>Utricularia</i> driven by ROS-based mutation and biased gene conversion?. <i>Plant Signaling and Behavior</i> , 2011, 6, 1631-1634. | 1.2 | 13 |
| 70 | <i>Trichoderma</i> -induced plant immunity likely involves both hormonal- and camalexin-dependent mechanisms in <i>Arabidopsis thaliana</i> and confers resistance against necrotrophic <i>Botrytis cinerea</i> .. <i>Plant Signaling and Behavior</i> , 2011, 6, 1554-1563. | 1.2 | 217 |
| 71 | Crucial factors of the light perception machinery and their impact on growth and cellulase gene transcription in <i>Trichoderma reesei</i> . <i>Fungal Genetics and Biology</i> , 2010, 47, 468-476. | 0.9 | 119 |
| 72 | <i>Trichoderma</i> in the light of day – Physiology and development. <i>Fungal Genetics and Biology</i> , 2010, 47, 909-916. | 0.9 | 102 |

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|----|---|-----|-----------|
| 73 | Deep sampling of the Palomero maize transcriptome by a high throughput strategy of pyrosequencing. BMC Genomics, 2009, 10, 299. | 1.2 | 69 |
| 74 | Transcriptomic response of the mycoparasitic fungus <i>Trichoderma atroviride</i> to the presence of a fungal prey. BMC Genomics, 2009, 10, 567. | 1.2 | 141 |
| 75 | The Palomero Genome Suggests Metal Effects on Domestication. Science, 2009, 326, 1078-1078. | 6.0 | 77 |
| 76 | The genome of <i>Bacillus coahuilensis</i> reveals adaptations essential for survival in the relic of an ancient marine environment. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5803-5808. | 3.3 | 94 |
| 77 | Formation of Atroviridin by <i>Hypocrea atroviridis</i> Is Conidiation Associated and Positively Regulated by Blue Light and the G Protein GNA3. Eukaryotic Cell, 2007, 6, 2332-2342. | 3.4 | 48 |
| 78 | <i>Trichoderma atroviride</i> PHR1, a Fungal Photolyase Responsible for DNA Repair, Autoregulates Its Own Photoinduction. Eukaryotic Cell, 2007, 6, 1682-1692. | 3.4 | 79 |
| 79 | The MAP kinase TVK1 regulates conidiation, hydrophobicity and the expression of genes encoding cell wall proteins in the fungus <i>Trichoderma virens</i> . Microbiology (United Kingdom), 2007, 153, 2137-2147. | 0.7 | 34 |
| 80 | Enhanced responsiveness and sensitivity to blue light by <i>blr-2</i> overexpression in <i>Trichoderma atroviride</i> . Microbiology (United Kingdom), 2007, 153, 3909-3922. | 0.7 | 47 |
| 81 | Overexpression, purification and characterization of the <i>Trichoderma atroviride</i> endochitinase, Ech42, in <i>Pichia pastoris</i> . Protein Expression and Purification, 2007, 55, 183-188. | 0.6 | 26 |
| 82 | Looking through the eyes of fungi: molecular genetics of photoreception. Molecular Microbiology, 2007, 64, 5-15. | 1.2 | 123 |
| 83 | Characterization of Blue-light and Developmental Regulation of the Photolyase gene <i>phr1</i> in <i>Trichoderma harzianum</i> . Photochemistry and Photobiology, 2007, 71, 662-668. | 1.3 | 1 |
| 84 | Colonization of the rhizosphere, rhizoplane and endorhiza of garlic (<i>Allium sativum</i> L.) by strains of <i>Trichoderma harzianum</i> and their capacity to control allium white-rot under field conditions. Soil Biology and Biochemistry, 2006, 38, 1823-1830. | 4.2 | 27 |
| 85 | Cross Talk between a Fungal Blue-Light Perception System and the Cyclic AMP Signaling Pathway. Eukaryotic Cell, 2006, 5, 499-506. | 3.4 | 108 |
| 86 | Novel light-regulated genes in <i>Trichoderma atroviride</i> : a dissection by cDNA microarrays. Microbiology (United Kingdom), 2006, 152, 3305-3317. | 0.7 | 74 |
| 87 | Light-regulated asexual reproduction in <i>Paecilomyces fumosoroseus</i> . Microbiology (United Kingdom), 2004, 150, 311-319. | 0.7 | 46 |
| 88 | BLR-1 and BLR-2, key regulatory elements of photoconidiation and mycelial growth in <i>Trichoderma atroviride</i> . Microbiology (United Kingdom), 2004, 150, 3561-3569. | 0.7 | 163 |
| 89 | Three Decades of Fungal Transformation: Key Concepts and Applications. , 2004, 267, 297-314. | | 27 |
| 90 | Three Decades of Fungal Transformation: Novel Technologies. , 2004, 267, 315-326. | | 18 |

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| 91 | Enhanced biocontrol activity of <i>Trichoderma</i> through inactivation of a mitogen-activated protein kinase. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15965-15970. | 3.3 | 128 |
| 92 | <i>Trichoderma atroviride</i> G-Protein β -Subunit Gene <i>tga1</i> Is Involved in Mycoparasitic Coiling and Conidiation. Eukaryotic Cell, 2002, 1, 594-605. | 3.4 | 139 |
| 93 | Multiple environmental signals determine the transcriptional activation of the mycoparasitism related gene <i>prb1</i> in <i>Trichoderma atroviride</i> . Molecular Genetics and Genomics, 2002, 267, 703-712. | 1.0 | 54 |
| 94 | Biological Control of the Root-Knot Nematode <i>Meloidogyne javanica</i> by <i>Trichoderma harzianum</i> . Phytopathology, 2001, 91, 687-693. | 1.1 | 267 |
| 95 | Characterization of Blue-light and Developmental Regulation of the Photolyase gene <i>phr1</i> in <i>Trichoderma harzianum</i> . Photochemistry and Photobiology, 2000, 71, 662. | 1.3 | 41 |
| 96 | Rapid Blue Light Regulation of a <i>Trichoderma harzianum</i> Photolyase Gene. Journal of Biological Chemistry, 1999, 274, 14288-14294. | 1.6 | 79 |
| 97 | Cloning and characterization of a trypsin inhibitor cDNA from amaranth (<i>Amaranthus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 | 2.0 | 8 |
| 98 | G protein activators and cAMP promote mycoparasitic behaviour in <i>Trichoderma harzianum</i> . Mycological Research, 1999, 103, 1637-1642. | 2.5 | 43 |
| 99 | Developmental Regulation of <i>cmp1</i> , a Gene Encoding a Multidomain Conidiospore Surface Protein of <i>Trichoderma</i> . Fungal Genetics and Biology, 1999, 27, 88-99. | 0.9 | 17 |
| 100 | Chitinases in biological control. , 1999, 87, 171-184. | | 98 |
| 101 | Role of the <i>Trichoderma harzianum</i> Endochitinase Gene, <i>ech42</i> , in Mycoparasitism. Applied and Environmental Microbiology, 1999, 65, 929-935. | 1.4 | 153 |
| 102 | The expression of genes involved in parasitism by <i>Trichoderma harzianum</i> is triggered by a diffusible factor. Molecular Genetics and Genomics, 1998, 260, 218-225. | 2.4 | 118 |
| 103 | Analysis of the β -1,3-Glucanolytic System of the Biocontrol Agent <i>Trichoderma harzianum</i> . Applied and Environmental Microbiology, 1998, 64, 1442-1446. | 1.4 | 102 |
| 104 | Glyceraldehyde-3-phosphate dehydrogenase expression in <i>Trichoderma harzianum</i> is repressed during conidiation and mycoparasitism. Microbiology (United Kingdom), 1997, 143, 3157-3164. | 0.7 | 16 |
| 105 | Cellulase Induction in <i>Trichoderma reesei</i> by Cellulose Requires Its Own Basal Expression. Journal of Biological Chemistry, 1997, 272, 10169-10174. | 1.6 | 96 |
| 106 | Photoreactivation of UV-Inactivated Spores of <i>Trichoderma harzianum</i> . Photochemistry and Photobiology, 1997, 65, 849-854. | 1.3 | 18 |
| 107 | Genetic diversity and vegetative compatibility among <i>Trichoderma harzianum</i> isolates. Molecular Genetics and Genomics, 1997, 256, 127-135. | 2.4 | 30 |
| 108 | Improved biocontrol activity of <i>Trichoderma harzianum</i> by over-expression of the proteinase-encoding gene <i>prb1</i> . Current Genetics, 1997, 31, 30-37. | 0.8 | 176 |

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| 109 | Molecular characterization, cloning and structural analysis of a cDNA encoding an amaranth globulin. <i>Journal of Plant Physiology</i> , 1996, 149, 527-532. | 1.6 | 60 |
| 110 | Fate of transformed <i>Trichoderma harzianum</i> in the phylloplane of tomato plants. <i>Molecular Ecology</i> , 1994, 3, 153-159. | 2.0 | 20 |
| 111 | Characterization of ech-42, a <i>Trichoderma harzianum</i> endochitinase gene expressed during mycoparasitism.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 10903-10907. | 3.3 | 218 |
| 112 | A nucleotide substitution in one of the β -tubulin genes of <i>Trichoderma viride</i> confers resistance to the antimitotic drug methyl benzimidazole-2-yl-carbamate. <i>Molecular Genetics and Genomics</i> , 1993, 240, 73-80. | 2.4 | 57 |
| 113 | Molecular characterization of the proteinase-encoding gene, prb1, related to mycoparasitism by <i>Trichoderma harzianum</i> . <i>Molecular Microbiology</i> , 1993, 8, 603-613. | 1.2 | 235 |
| 114 | Electrophoretic karyotype and gene assignment to resolved chromosomes of <i>Trichoderma</i> spp.. <i>Molecular Microbiology</i> , 1993, 7, 515-521. | 1.2 | 34 |
| 115 | Molecular cloning of the imidazoleglycerolphosphate dehydratase gene of <i>Trichoderma harzianum</i> by genetic complementation in <i>Saccharomyces cerevisiae</i> using a direct expression vector. <i>Molecular Genetics and Genomics</i> , 1992, 234, 481-488. | 2.4 | 16 |
| 116 | Molecular characterization and regulation of the phosphoglycerate kinase gene from <i>Trichoderma viride</i> . <i>Molecular Microbiology</i> , 1992, 6, 1231-1242. | 1.2 | 36 |
| 117 | A bacterial peptide acting as a plant nuclear targeting signal: the amino-terminal portion of <i>Agrobacterium</i> VirD2 protein directs a beta-galactosidase fusion protein into tobacco nuclei.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 9534-9537. | 3.3 | 123 |
| 118 | Overexpression of virD1 and virD2 genes in <i>Agrobacterium tumefaciens</i> enhances T-complex formation and plant transformation. <i>Journal of Bacteriology</i> , 1990, 172, 4432-4440. | 1.0 | 54 |
| 119 | Notes High-efficiency transformation system for the biocontrol agents, <i>Trichoderma</i> spp.. <i>Molecular Microbiology</i> , 1990, 4, 839-843. | 1.2 | 105 |
| 120 | Transformation of <i>Trichoderma harzianum</i> by high-voltage electric pulse. <i>Current Genetics</i> , 1990, 17, 169-174. | 0.8 | 71 |
| 121 | Sequence of the <i>Trichoderma viride</i> phosphoglycerate kinase gene. <i>Nucleic Acids Research</i> , 1990, 18, 6717-6717. | 6.5 | 6 |
| 122 | Glycine betaine allows enhanced induction of the <i>Agrobacterium tumefaciens</i> vir genes by acetosyringone at low pH. <i>Journal of Bacteriology</i> , 1988, 170, 5822-5829. | 1.0 | 57 |
| 123 | VirD proteins of <i>Agrobacterium tumefaciens</i> are required for the formation of a covalent DNA-protein complex at the 5' terminus of T-strand molecules.. <i>EMBO Journal</i> , 1988, 7, 4055-4062. | 3.5 | 125 |
| 124 | Theoretical model for the post-transcriptional regulation of the human c-myc gene expression, involving double-stranded RNA processing. <i>Journal of Theoretical Biology</i> , 1987, 125, 83-92. | 0.8 | 4 |