Lisa Sanchez

List of Publications by Year
in descending order

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24 papers	2,685 citations	516710 16 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	3682 citing authors

#	Article	IF	Citations
1	Taxonomy, Physiology, and Natural Products of Actinobacteria. Microbiology and Molecular Biology Reviews, 2016, 80, 1-43.	6.6	1,395
2	Rhamnolipid Biosurfactants as New Players in Animal and Plant Defense against Microbes. International Journal of Molecular Sciences, 2010, 11, 5095-5108.	4.1	193
3	Bacterial rhamnolipids are novel MAMPs conferring resistance to Botrytis cinerea in grapevine. Plant, Cell and Environment, 2009, 32, 178-193.	5.7	192
4	Fungal Elicitation of Signal Transduction-Related Plant Genes Precedes Mycorrhiza Establishment and Requires the dmi3 Gene in Medicago truncatula. Molecular Plant-Microbe Interactions, 2004, 17, 1385-1393.	2.6	124
5	Rhamnolipids Elicit Defense Responses and Induce Disease Resistance against Biotrophic, Hemibiotrophic, and Necrotrophic Pathogens That Require Different Signaling Pathways in Arabidopsis and Highlight a Central Role for Salicylic Acid Â Â Â. Plant Physiology, 2012, 160, 1630-1641.	4.8	115
6	Burkholderia phytofirmans PsJN Confers Grapevine Resistance against Botrytis cinerea via a Direct Antimicrobial Effect Combined with a Better Resource Mobilization. Frontiers in Plant Science, 2016, 7, 1236.	3.6	86
7	Pseudomonas fluorescens and Glomus mosseae Trigger DMI3-Dependent Activation of Genes Related to a Signal Transduction Pathway in Roots of Medicago truncatula Â. Plant Physiology, 2005, 139, 1065-1077.	4.8	82
8	Life with and without AtTIP1;1, an Arabidopsis aquaporin preferentially localized in the apposing tonoplasts of adjacent vacuoles. Plant Molecular Biology, 2009, 70, 193-209.	3.9	79
9	Paraburkholderia phytofirmans PsJN-Plants Interaction: From Perception to the Induced Mechanisms. Frontiers in Microbiology, 2018, 9, 2093.	3.5	69
10	Phenotypic Switching in Pseudomonas brassicacearum Involves GacS- and GacA-Dependent Rsm Small RNAs. Applied and Environmental Microbiology, 2012, 78, 1658-1665.	3.1	61
11	Impacts of Paraburkholderia phytofirmans Strain PsJN on Tomato (Lycopersicon esculentum L.) Under High Temperature. Frontiers in Plant Science, 2018, 9, 1397.	3.6	56
12	Exploration of intraclonal adaptation mechanisms of Pseudomonas brassicacearum facing cadmium toxicity. Environmental Microbiology, 2007, 9, 2820-2835.	3.8	43
13	Common gene expression in Medicago truncatula roots in response to Pseudomonas fluorescens colonization, mycorrhiza development and nodulation. New Phytologist, 2004, 161, 855-863.	7.3	39
14	Medicago truncatula gene responses specific to arbuscular mycorrhiza interactions with different species and genera of Glomeromycota. Mycorrhiza, 2007, 17, 223-234.	2.8	36
15	Synthetic Mono-Rhamnolipids Display Direct Antifungal Effects and Trigger an Innate Immune Response in Tomato against Botrytis Cinerea. Molecules, 2020, 25, 3108.	3.8	27
16	Pseudomonas knackmussiiMLR6, a rhizospheric strain isolated from halophyte, enhances salt tolerance inArabidopsis thaliana. Journal of Applied Microbiology, 2018, 125, 1836-1851.	3.1	26
17	The mode of action of plant associated Burkholderia against grey mould disease in grapevine revealed through traits and genomic analyses. Scientific Reports, 2020, 10, 19393.	3.3	17
18	Impact of Paraburkholderia phytofirmans PsJN on Grapevine Phenolic Metabolism. International Journal of Molecular Sciences, 2019, 20, 5775.	4.1	13

#	Article	IF	Citations
19	Genome sequencing and traits analysis of Burkholderia strains reveal a promising biocontrol effect against grey mould disease in grapevine (Vitis vinifera L.). World Journal of Microbiology and Biotechnology, 2019, 35, 40.	3.6	12
20	Beneficial Microorganisms to Control the Gray Mold of Grapevine: From Screening to Mechanisms. Microorganisms, 2021, 9, 1386.	3.6	7
21	Biofilm-Constructing Variants of Paraburkholderia phytofirmans PsJN Outcompete the Wild-Type Form in Free-Living and Static Conditions but Not In Planta. Applied and Environmental Microbiology, 2019, 85, .	3.1	6
22	Draft Genome Sequence of Plant Growth-Promoting Burkholderia sp. Strain BE12, Isolated from the Rhizosphere of Maize. Genome Announcements, 2018, 6, .	0.8	4
23	A sensitive chemiluminescence method for quantification of the oxidative burst in grapevine cells and rice roots. Plant Science, 2021, 307, 110892.	3.6	2
24	Development of a DNA-Based Real-Time PCR Assay To Quantify Allorhizobium vitis Over Time in Grapevine (Vitis vinifera L.) Plantlets. Plant Disease, 2021, 105, 384-391.	1.4	1