

Pablo del Cerro

List of Publications by Year in descending order

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17
papers

973
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759233

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docs citations

17
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1469
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#	ARTICLE	IF	CITATIONS
1	Plant growth promotion in cereal and leguminous agricultural important plants: From microorganism capacities to crop production. <i>Microbiological Research</i> , 2014, 169, 325-336.	5.3	504
2	Transcriptomic Studies of the Effect of nod Gene-Inducing Molecules in Rhizobia: Different Weapons, One Purpose. <i>Genes</i> , 2018, 9, 1.	2.4	120
3	The Symbiotic Biofilm of <i>Sinorhizobium fredii</i> SMH12, Necessary for Successful Colonization and Symbiosis of <i>Glycine max</i> cv Osumi, Is Regulated by Quorum Sensing Systems and Inducing Flavonoids via NodD1. <i>PLoS ONE</i> , 2014, 9, e105901.	2.5	50
4	Revealing strategies of quorum sensing in <i>Azospirillum brasilense</i> strains Ab-V5 and Ab-V6. <i>Archives of Microbiology</i> , 2018, 200, 47-56.	2.2	46
5	RNA-seq analysis of the <i>Rhizobium tropici</i> CIAT 899 transcriptome shows similarities in the activation patterns of symbiotic genes in the presence of apigenin and salt. <i>BMC Genomics</i> , 2016, 17, 198.	2.8	42
6	Regulatory nodD1 and nodD2 genes of <i>Rhizobium tropici</i> strain CIAT 899 and their roles in the early stages of molecular signaling and host-legume nodulation. <i>BMC Genomics</i> , 2015, 16, 251.	2.8	38
7	Opening the "black box" of nodD3, nodD4 and nodD5 genes of <i>Rhizobium tropici</i> strain CIAT 899. <i>BMC Genomics</i> , 2015, 16, 864.	2.8	37
8	The <i>Rhizobium tropici</i> CIAT 899 NodD2 protein regulates the production of Nod factors under salt stress in a flavonoid-independent manner. <i>Scientific Reports</i> , 2017, 7, 46712.	3.3	30
9	Medicago LINC Complexes Function in Nuclear Morphology, Nuclear Movement, and Root Nodule Symbiosis. <i>Plant Physiology</i> , 2019, 179, 491-506.	4.8	21
10	Osmotic stress activates nif and fix genes and induces the <i>Rhizobium tropici</i> CIAT 899 Nod factor production via NodD2 by up-regulation of the nodA2 operon and the nodA3 gene. <i>PLoS ONE</i> , 2019, 14, e0213298.	2.5	19
11	NrcR, a New Transcriptional Regulator of <i>Rhizobium tropici</i> CIAT 899 Involved in the Legume Root-Nodule Symbiosis. <i>PLoS ONE</i> , 2016, 11, e0154029.	2.5	17
12	Genome of <i>Rhizobium leucaenae</i> strains CFN 299T and CPAO 29.8: searching for genes related to a successful symbiotic performance under stressful conditions. <i>BMC Genomics</i> , 2016, 17, 534.	2.8	13
13	Quorum sensing communication: <i>Bradyrhizobium</i> – <i>Azospirillum</i> interaction via N-acyl-homoserine lactones in the promotion of soybean symbiosis. <i>Journal of Basic Microbiology</i> , 2019, 59, 38-53.	3.3	10
14	The non-flavonoid inducible nodA3 and the flavonoid regulated nodA1 genes of <i>Rhizobium tropici</i> CIAT 899 guarantee nod factor production and nodulation of different host legumes. <i>Plant and Soil</i> , 2019, 440, 185-200.	3.7	9
15	OnfD, an AraC-Type Transcriptional Regulator Encoded by <i>Rhizobium tropici</i> CIAT 899 and Involved in Nod Factor Synthesis and Symbiosis. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	8
16	Engineered CaM2 modulates nuclear calcium oscillation and enhances legume root nodule symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200099119.	7.1	5
17	Regulation of hsnT, nodF and nodE genes in <i>Rhizobium tropici</i> CIAT 899 and their roles in the synthesis of Nod factors and in the symbiosis. <i>Microbiology (United Kingdom)</i> , 2019, 165, 990-1000.	1.8	4