Pablo del Cerro

List of Publications by Year
in descending order

17	973	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	1469
all docs	docs citations	times ranked	citing authors

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