Irene JimÃ©nez-Guerrero

List of Publications by Year
in descending order

17 papers	1,105 citations	687363 13 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	1516 citing authors

#	Article	IF	Citations
1	The GDSL-Lipolytic Enzyme Lip1 Is Required for Full Virulence of the Cucurbit Pathogenic Bacterium Acidovorax citrulli. Microorganisms, 2022, 10, 1016.	3.6	2
2	One door closes, another opens: when nodulation impairment with natural hosts extends rhizobial hostâ€range. Environmental Microbiology, 2021, 23, 1837-1841.	3.8	7
3	Show me your secret(ed) weapons: a multifaceted approach reveals a wide arsenal of type IIIâ€secreted effectors in the cucurbit pathogenic bacterium Acidovorax citrulli and novel effectors in the Acidovorax genus. Molecular Plant Pathology, 2020, 21, 17-37.	4.2	42
4	The Sinorhizobium fredii HH103 type III secretion system effector NopC blocks nodulation with Lotus japonicus Gifu. Journal of Experimental Botany, 2020, 71, 6043-6056.	4.8	21
5	Complete Assembly of the Genome of an Acidovorax citrulli Strain Reveals a Naturally Occurring Plasmid in This Species. Frontiers in Microbiology, 2019, 10, 1400.	3.5	11
6	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
7	Sinorhizobium fredii HH103 nolR and nodD2 mutants gain capacity for infection thread invasion of Lotus japonicus Gifu and Lotus burttii. Environmental Microbiology, 2019, 21, 1718-1739.	3.8	24
8	GunA of Sinorhizobium (Ensifer) fredii HH103 is a T3SS-secreted cellulase that differentially affects symbiosis with cowpea and soybean. Plant and Soil, 2019, 435, 15-26.	3.7	14
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 Sinorhizobium (Ensifer) fredii HH103 Nodulation Outer Protein NopI Is a Determinant for Efficient Nodulation of Soybean and Cowpea Plants. Applied and Environmental Microbiology, 2017, 83, .	3.1	43
11	A transcriptomic analysis of the effect of genistein on Sinorhizobium fredii HH103 reveals novel rhizobial genes putatively involved in symbiosis. Scientific Reports, 2016, 6, 31592.	3.3	52
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	The Sinorhizobium (Ensifer) fredii HH103 Type 3 Secretion System Suppresses Early Defense Responses to Effectively Nodulate Soybean. Molecular Plant-Microbe Interactions, 2015, 28, 790-799.	2.6	38
14	NopC Is a Rhizobium-Specific Type 3 Secretion System Effector Secreted by Sinorhizobium (Ensifer) fredii HH103. PLoS ONE, 2015, 10, e0142866.	2.5	54
15	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
16	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
17	Rice and bean AHL-mimic quorum-sensing signals specifically interfere with the capacity to form biofilms by plant-associated bacteria. Research in Microbiology, 2013, 164, 749-760.	2.1	70