

Irene JimÃ©nez-Guerrero

List of Publications by Year in descending order

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Version: 2024-02-01

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