MarÃ-a Florencia Del Papa

List of Publications by Year
in descending order

38 papers	1,139 citations	516215 16 h-index	395343 33 g-index
39 all docs	39 docs citations	39 times ranked	1331 citing authors

#	Article	IF	Citations
1	<scp>BioF</scp> is a novel <scp>B2</scp> metalloâ€Ì²â€lactamase from Pseudomonas sp. isolated from an onâ€farm biopurification system. Environmental Microbiology, 2022, 24, 1247-1262.	1.8	0
2	Genome sequence of Bradyrhizobium yuanmingense strain P10 130, a highly efficient nitrogen-fixing bacterium that could be used for Desmodium incanum inoculation. Gene, 2021, 768, 145267.	1.0	1
3	The two-component system ActJK is involved in acid stress tolerance and symbiosis in Sinorhizobium meliloti. Journal of Biotechnology, 2021, 329, 80-91.	1.9	10
4	Identification and Characterization of a Novel Plasmid-Encoded Laccase-Like Multicopper Oxidase from Ochrobactrum sp. BF15 Isolated from an On-Farm Bio-Purification System. Food Technology and Biotechnology, 2021, 59, 519-529.	0.9	1
5	Codon Usage Heterogeneity in the Multipartite Prokaryote Genome: Selection-Based Coding Bias Associated with Gene Location, Expression Level, and Ancestry. MBio, 2019, 10, .	1.8	17
6	Novel environmental class 1 integrons and cassette arrays recovered from an on-farm bio-purification plant. FEMS Microbiology Ecology, 2018, 94, .	1.3	10
7	A metabolomic approach to characterize the acid-tolerance response in Sinorhizobium meliloti. Metabolomics, 2017, 13, 1.	1.4	10
8	Specificity traits consistent with legumeâ€rhizobia coevolution displayed by Ensifer meliloti rhizosphere colonization. Environmental Microbiology, 2017, 19, 3423-3438.	1.8	33
9	Nitrogen-fixing rhizobial strains isolated from Desmodium incanum DC in Argentina: Phylogeny, biodiversity and symbiotic ability. Systematic and Applied Microbiology, 2017, 40, 297-307.	1.2	16
10	Genomics of high molecular weight plasmids isolated from an on-farm biopurification system. Scientific Reports, 2016, 6, 28284.	1.6	17
11	A consolidated analysis of the physiologic and molecular responses induced under acid stress in the legume-symbiont model-soil bacterium Sinorhizobium meliloti. Scientific Reports, 2016, 6, 29278.	1.6	28
12	Rhizobium favelukesii sp. nov., isolated from the root nodules of alfalfa (Medicago sativa L). International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4451-4457.	0.8	27
13	Characterization of a collection of plasmid-containing bacteria isolated from an on-farm biopurification system used for pesticide removal. Plasmid, 2015, 80, 16-23.	0.4	16
14	Phenotypic, Molecular and Symbiotic Characterization of the Rhizobial Symbionts of Desmanthus paspalaceus (Lindm.) Burkart That Grow in the Province of Santa Fe, Argentina. PLoS ONE, 2014, 9, e104636.	1.1	10
15	Genome sequence of the acid-tolerant strain Rhizobium sp. LPU83. Journal of Biotechnology, 2014, 176, 40-41.	1.9	8
16	Cultivation-Independent Screening Revealed Hot Spots of IncP-1, IncP-7 and IncP-9 Plasmid Occurrence in Different Environmental Habitats. PLoS ONE, 2014, 9, e89922.	1.1	31
17	Novel tnpR-based transposable promoter traps suitable for RIVET studies in different gram-negative bacteria. Journal of Microbiological Methods, 2013, 93, 9-11.	0.7	1
18	Conjugal transfer of a Sinorhizobium meliloti cryptic plasmid evaluated during a field release and in soil microcosms. European Journal of Soil Biology, 2013, 55, 9-12.	1.4	4

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19	rptA, a novel gene fromEnsifer(Sinorhizobium)melilotiinvolved in conjugal transfer. FEMS Microbiology Letters, 2013, 345, 22-30.	0.7	13
20	Genetic and functional characterization of a yet-unclassified rhizobial Dtr (DNA-transfer-and-replication) region from a ubiquitous plasmid conjugal system present in Sinorhizobium meliloti, in Sinorhizobium medicae, and in other nonrhizobial Gram-negative bacteria. Plasmid, 2012, 67, 199-210.	0.4	24
21	First genomic analysis of the broad-host-range Rhizobium sp. LPU83 strain, a member of the low-genetic diversity Oregon-like Rhizobium sp. group. Journal of Biotechnology, 2011, 155, 3-10.	1.9	17
22	Development of new positive-selection RIVET tools: Detection of induced promoters by the excision-based transcriptional activation of an aacCI (GmR)â€“gfp fusion. Journal of Biotechnology, 2011, 155, 147-155.	1.9	4
23	The Nodulation of Alfalfa by the Acid-Tolerant Rhizobium sp. Strain LPU83 Does Not Require Sulfated Forms of Lipochitooligosaccharide Nodulation Signals. Journal of Bacteriology, 2011, 193, 30-39.	1.0	15
24	Enterococcus faecalis Virulence Regulator FsrA Binding to Target Promoters. Journal of Bacteriology, 2011, 193, 1527-1532.	1.0	35
25	Response of alfalfa (Medicago sativa L.) to single and mixed inoculation with phosphate-solubilizing bacteria and Sinorhizobium meliloti. Biology and Fertility of Soils, 2010, 46, 185-190.	2.3	86
26	Characterization of extrachromosomal replicons present in the extended host range Rhizobium sp. LPU83. Plasmid, 2010, 64, 177-185.	0.4	17
27	Cultural conditions required for the induction of an adaptive acid-tolerance response (ATR) in Sinorhizobium meliloti and the question as to whether or not the ATR helps rhizobia improve their symbiosis with alfalfa at low pH. FEMS Microbiology Letters, 2010, 302, 123-130.	0.7	12
28	Isolation and characterization of endophytic plant growth-promoting (PGPB) or stress homeostasis-regulating (PSHB) bacteria associated to the halophyte Prosopis strombulifera. Applied Microbiology and Biotechnology, 2009, 85, 371-381.	1.7	347
29	Conjugal properties of the Sinorhizobium meliloti plasmid mobilome. FEMS Microbiology Ecology, 2008, 65, 372-382.	1.3	34
30	Ethanolamine Activates a Sensor Histidine Kinase Regulating Its Utilization in Enterococcus faecalis. Journal of Bacteriology, 2008, 190, 7147-7156.	1.0	88
31	Full Activation of Enterococcus faecalis Gelatinase by a C-Terminal Proteolytic Cleavage. Journal of Bacteriology, 2007, 189, 8835-8843.	1.0	39
32	Identification and Characterization of a nodH Ortholog from the Alfalfa-Nodulating Or191-Like Rhizobia. Molecular Plant-Microbe Interactions, 2007, 20, 138-145.	1.4	17
33	The symbiotic defect in a Sinorhizobium meliloti lipopolysaccharide mutant can be overcome by expression of other surface polysaccharides. Research in Microbiology, 2004, 155, 855-860.	1.0	9
34	A microcosm study on the influence of pH and the host-plant on the soil persistence of two alfalfa-nodulating rhizobia with different saprophytic and symbiotic characteristics. Biology and Fertility of Soils, 2003, 39, 112-116.	2.3	20
35	Identification of a transmissible plasmid from an ArgentineSinorhizobium melilotistrain which can be mobilised by conjugative helper functions of the European strainS. melilotiGR4. FEMS Microbiology Letters, 2003, 225, 15-21.	0.7	20
36	Construction of aSinorhizobium melilotistrain carrying a stable and non-transmissible chromosomal single copy of the green fluorescent protein GFP-P64L/S65T. FEMS Microbiology Letters, 2002, 214, 165-170.	0.7	22

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37	Isolation and Characterization of Alfalfa-Nodulating Rhizobia Present in Acidic Soils of Central Argentina and Uruguay. Applied and Environmental Microbiology, 1999, 65, 1420-1427.	1.4	78
38	ubiF is involved in acid stress tolerance and symbiotic competitiveness in Rhizobium favelukesii LPU83. Brazilian Journal of Microbiology, 0, , .	0.8	2