Mariangela Hungria da Cunha

List of Publications by Year
in descending order

339 papers	15,623 citations	16791 66 h-index	33145 104 g-index
350 all docs	350 docs citations	350 times ranked	10571 citing authors

#	Article	IF	Citations
1	Meta-analysis of maize responses to Azospirillum brasilense inoculation in Brazil: Benefits and lessons to improve inoculation efficiency. Applied Soil Ecology, 2022, 170, 104276.	2.1	21
2	Strategies to deal with drought-stress in biological nitrogen fixation in soybean. Applied Soil Ecology, 2022, 172, 104352.	2.1	25
3	Microbiological quality analysis of inoculants based on Bradyrhizobium spp. and Azospirillum brasilense produced â€œon farmâ€•reveals high contamination with non-target microorganisms. Brazilian Journal of Microbiology, 2022, 53, 267.	0.8	4
4	So many rhizobial partners, so little nitrogen fixed: The intriguing symbiotic promiscuity of common bean (Phaseolus vulgaris L.). Symbiosis, 2022, 86, 169-185.	1.2	11
5	Improving yield and health of legume crops via co-inoculation with rhizobia and Trichoderma: A global meta-analysis. Applied Soil Ecology, 2022, 176, 104493.	2.1	9
6	Genetic variation in symbiotic islands of natural variant strains of soybean Bradyrhizobium japonicum and Bradyrhizobium diazoefficiens differing in competitiveness and in the efficiency of nitrogen fixation. Microbial Genomics, 2022, 8, .	1.0	3
7	Revealing potential functions of hypothetical proteins induced by genistein in the symbiosis island of Bradyrhizobium japonicum commercial strain SEMIA 5079 (=â€‰CPAC 15). BMC Microbiology, 2022, 22, 122.	1.3	1
8	New Insights into the Taxonomy of Bacteria in the Genomic Era and a Case Study with Rhizobia. International Journal of Microbiology, 2022, 2022, 1-19.	0.9	12
9	Bradyrhizobium cenepequi sp. nov., Bradyrhizobium semiaridum sp. nov., Bradyrhizobium hereditatis sp. nov. and Bradyrhizobium australafricanum sp. nov., symbionts of different leguminous plants of Western Australia and South Africa and definition of three novel symbiovars. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	0.8	22
10	Whole-Genome Sequence of Bioactive Compound-Producing Pseudomonas aeruginosa Strain LV. Microbiology Resource Announcements, 2021, 10, .	0.3	1
11	Biological N2 fixation and yield performance of soybean inoculated with Bradyrhizobium. Nutrient Cycling in Agroecosystems, 2021, 119, 323-336.	1.1	31
12	Seed and leaf-spray inoculation of PGPR in brachiarias (Urochloa spp.) as an economic and environmental opportunity to improve plant growth, forage yield and nutrient status. Plant and Soil, 2021, 463, 171-186.	1.8	23
13	Inoculation with plant growth-promoting bacteria and reduction of nitrogen fertilizer in herbage accumulation and nutritional value of Mavuno grass. International Journal for Innovation Education and Research, 2021, 9, 16-34.	0.0	1
14	Trichoderma asperellum Inoculation as a Tool for Attenuating Drought Stress in Sugarcane. Frontiers in Plant Science, 2021, 12, 645542.	1.7	37
15	The Challenge of Combining High Yields with Environmentally Friendly Bioproducts: A Review on the Compatibility of Pesticides with Microbial Inoculants. Agronomy, 2021, 11, 870.	1.3	16
16	Enrichment of organic compost with beneficial microorganisms and yield performance of corn and wheat. Revista Brasileira De Engenharia Agricola E Ambiental, 2021, 25, 332-339.	0.4	0
17	Combining microorganisms in inoculants is agronomically important but industrially challenging: case study of a composite inoculant containing Bradyrhizobium and Azospirillum for the soybean crop. AMB Express, 2021, 11, 71.	1.4	12
18	Twenty years of paradigm-breaking studies of taxonomy and symbiotic nitrogen fixation by beta-rhizobia, and indication of Brazil as a hotspot of Paraburkholderia diversity. Archives of Microbiology, 2021, 203, 4785-4803.	1.0	4

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19	Beneficial microbial species and metabolites alleviate soybean oxidative damage and increase grain yield during short dry spells. European Journal of Agronomy, 2021, 127, 126293.	1.9	19
20	Meta-analysis reveals benefits of co-inoculation of soybean with Azospirillum brasilense and Bradyrhizobium spp. in Brazil. Applied Soil Ecology, 2021, 163, 103913.	2.1	44
21	Diversity of maize (Zea mays L.) rhizobacteria with potential to promote plant growth. Brazilian Journal of Microbiology, 2021, 52, 1807-1823.	0.8	6
22	Molecular diversity of rhizobia-nodulating native Mimosa of Brazilian protected areas. Archives of Microbiology, 2021, 203, 5533-5545.	1.0	2
23	Outstanding impact of Azospirillum brasilense strains Ab-V5 and Ab-V6 on the Brazilian agriculture: Lessons that farmers are receptive to adopt new microbial inoculants. Revista Brasileira De Ciencia Do Solo, 2021, 45, .	0.5	47
24	Bradyrhizobium agreste sp. nov., Bradyrhizobium glycinis sp. nov. and Bradyrhizobium diversitatis sp. nov., isolated from a biodiversity hotspot of the genus Glycine in Western Australia. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	20
25	Effects of growthâ€promoting bacteria on soybean root activity, plant development, and yield. Agronomy Journal, 2020, 112, 418-428.	0.9	59
26	Characterization of Bradyrhizobium strains indigenous to Western Australia and South Africa indicates remarkable genetic diversity and reveals putative new species. Systematic and Applied Microbiology, 2020, 43, 126053.	1.2	16
27	Hydrogen-uptake genes improve symbiotic efficiency in common beans (Phaseolus vulgaris L.). Antonie Van Leeuwenhoek, 2020, 113, 687-696.	0.7	7
28	Impact of pesticides in properties of Bradyrhizobium spp. and in the symbiotic performance with soybean. World Journal of Microbiology and Biotechnology, 2020, 36, 172.	1.7	15
29	Towards sustainable yield improvement: field inoculation of soybean with Bradyrhizobium and co-inoculation with Azospirillum in Mozambique. Archives of Microbiology, 2020, 202, 2579-2590.	1.0	10
30	Compatibility of Azospirillum brasilense with Pesticides Used for Treatment of Maize Seeds. International Journal of Microbiology, 2020, 2020, 1-8.	0.9	16
31	Seed preâ€inoculation with Bradyrhizobium as timeâ€optimizing option for largeâ€scale soybean cropping systems. Agronomy Journal, 2020, 112, 5222-5236.	0.9	23
32	Phylogeny of symbiotic genes reveals symbiovars within legume-nodulating Paraburkholderia species. Systematic and Applied Microbiology, 2020, 43, 126151.	1.2	12
33	Soybean tolerance to drought depends on the associated Bradyrhizobium strain. Brazilian Journal of Microbiology, 2020, 51, 1977-1986.	0.8	13
34	Bacterial Consortium and Microbial Metabolites Increase Grain Quality and Soybean Yield. Journal of Soil Science and Plant Nutrition, 2020, 20, 1923-1934.	1.7	29
35	Establishing reference values for soil microbial biomass-C in agroecosystems in the Atlantic Forest Biome in Southern Brazil. Ecological Indicators, 2020, 117, 106586.	2.6	7
36	Changes in root morphological traits in soybean co-inoculated with Bradyrhizobium spp. and Azospirillum brasilense or treated with A. brasilense exudates. Biology and Fertility of Soils, 2020, 56, 537-549.	2.3	54

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37	Polyphasic characterization of nitrogen-fixing and co-resident bacteria in nodules of Phaseolus lunatus inoculated with soils from PiauÃ-State, Northeast Brazil. Symbiosis, 2020, 80, 279-292.	1.2	9
38	Paraburkholderia atlantica sp. nov. and Paraburkholderia franconis sp. nov., two new nitrogen-fixing nodulating species isolated from Atlantic forest soils in Brazil. Archives of Microbiology, 2020, 202, 1369-1380.	1.0	31
39	Nodule microbiome from cowpea and lima bean grown in composted tannery sludge-treated soil. Applied Soil Ecology, 2020, 151, 103542.	2.1	21
40	Morphogenetic and structural characteristics of Urochloa species under inoculation with plant-growth-promoting bacteria and nitrogen fertilisation. Crop and Pasture Science, 2020, 71, 82.	0.7	16
41	Genomic Insights Into the Antifungal Activity and Plant Growth-Promoting Ability in Bacillus velezensis CMRP 4490. Frontiers in Microbiology, 2020, 11, 618415.	1.5	25
42	Genetic diversity of Agrobacterium species isolated from nodules of common bean and soybean in Brazil, Mexico, Ecuador and Mozambique, and description of the new species Agrobacterium fabacearum sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4233-4244.	0.8	29
43	Bradyrhizobium archetypum sp. nov., Bradyrhizobium australiense sp. nov. and Bradyrhizobium murdochi sp. nov., isolated from nodules of legumes indigenous to Western Australia. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4623-4636.	0.8	28
44	Method for Recovering and Counting Viable Cells from Maize Seeds Inoculated with Azospirillum brasilense. Journal of Pure and Applied Microbiology, 2020, 14, 195-204.	0.3	12
45	Yield, yield components and nutrients uptake in Zuri Guinea grass inoculated with plant growth-promoting bacteria. International Journal for Innovation Education and Research, 2020, 8, 103-124.	0.0	5
46	Biomass Yield, Nitrogen Content and Uptake, And Nutritive Value of Alfalfa Co-Inoculated with Plant-Growth Promoting Bacteria. International Journal for Innovation Education and Research, 2020, 8, 400-420.	0.0	2
47	Nitrogen in Shoots, Number of Tillers, Biomass Yield and Nutritive Value of Zuri Guinea Grass Inoculated with Plant-Growth Promoting Bacteria. International Journal for Innovation Education and Research, 2020, 8, 437-463.	0.0	6
48	InoculaÃ§Ã£o de bactÃ©rias promotoras do crescimento vegetal em Urochloa Ruziziensis. Research, Society and Development, 2020, 9, .	0.0	8
49	Forage Mass, Tillering, Nutritive Value and Root System of Ruzigrass Inoculated with Plant Growth Promoting Bacteria Associated with Doses of N-Fertilizer. International Journal for Innovation Education and Research, 2020, 8, 41-55.	0.0	1
50	Paraburkholderia guartelaensis sp. nov., a nitrogen-fixing species isolated from nodules of Mimosa gymnas in an ecotone considered as a hotspot of biodiversity in Brazil. Archives of Microbiology, 2019, 201, 1435-1446.	1.0	31
51	Biomass Yield, Nitrogen Accumulation and Nutritive Value of Mavuno Grass Inoculated with Plant Growth-promoting Bacteria. Communications in Soil Science and Plant Analysis, 2019, 50, 1931-1942.	0.6	17
52	Draft Genome Sequence of Bradyrhizobium elkanii Strain SEMIA 938, Used in Commercial Inoculants for Lupinus spp. in Brazil. Microbiology Resource Announcements, 2019, 8, .	0.3	2
53	Characterization of CMY-2-type beta-lactamase-producing Escherichia coli isolated from chicken carcasses and human infection in a city of South Brazil. BMC Microbiology, 2019, 19, 174.	1.3	27
54	The role of legumes in the sustainable intensification of African smallholder agriculture: Lessons learnt and challenges for the future. Agriculture, Ecosystems and Environment, 2019, 284, 106583.	2.5	118

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55	Nutrients Uptake in Shoots and Biomass Yields and Roots and Nutritive Value of Zuri Guinea Grass Inoculated with Plant Growth-promoting Bacteria. Communications in Soil Science and Plant Analysis, 2019, 50, 2927-2940.	0.6	5
56	Detection of OXA-58-producing Acinetobacter bereziniae in Brazil. Journal of Global Antimicrobial Resistance, 2019, 19, 53-55.	0.9	5
57	Phylogeography of the Bradyrhizobium spp. Associated With Peanut, Arachis hypogaea: Fellow Travelers or New Associations?. Frontiers in Microbiology, 2019, 10, 2041.	1.5	11
58	Identification of soybean Bradyrhizobium strains used in commercial inoculants in Brazil by MALDI-TOF mass spectrometry. Brazilian Journal of Microbiology, 2019, 50, 905-914.	0.8	4
59	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.	1.8	9
60	Brazilian-adapted soybean Bradyrhizobium strains uncover IS elements with potential impact on biological nitrogen fixation. FEMS Microbiology Letters, 2019, 366, .	0.7	5
61	Productivity increase, reduction of nitrogen fertiliser use and drought-stress mitigation by inoculation of Marandu grass (Urochloa brizantha) with Azospirillum brasilense. Crop and Pasture Science, 2019, 70, 61.	0.7	52
62	Nodulation and biological nitrogen fixation (BNF) in forage peanut (Arachis pintoi) cv. Belmonte subjected to grazing regimes. Agriculture, Ecosystems and Environment, 2019, 278, 96-106.	2.5	17
63	Plants of Distinct Successional Stages Have Different Strategies for Nutrient Acquisition in an Atlantic Rain Forest Ecosystem. International Journal of Plant Sciences, 2019, 180, 186-199.	0.6	37
64	Draft Genome Sequence of Vancomycin-Resistant Enterococcus faecium UEL170 (Sequence Type 412), Isolated from a Patient with Urinary Tract Infection in a Tertiary Hospital in Southern Brazil. Microbiology Resource Announcements, 2019, 8, .	0.3	0
65	Draft Genome Sequence of Agrobacterium deltaense Strain CNPSo 3391, Isolated from a Soybean Nodule in Mozambique. Microbiology Resource Announcements, 2019, 8, .	0.3	5
66	Structural analysis of a novel N-carbamoyl-d-amino acid amidohydrolase from a Brazilian Bradyrhizobium japonicum strain: In silico insights by molecular modelling, docking and molecular dynamics. Journal of Molecular Graphics and Modelling, 2019, 86, 35-42.	1.3	6
67	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.	1.8	10
68	Revealing the roles of y4wF and tidC genes in Rhizobium tropici CIAT 899: biosynthesis of indolic compounds and impact on symbiotic properties. Archives of Microbiology, 2019, 201, 171-183.	1.0	13
69	Phylogenetic diversity of rhizobia nodulating native Mimosa gymnas grown in a South Brazilian ecotone. Molecular Biology Reports, 2019, 46, 529-540.	1.0	10
70	Proteomic analysis of Rhizobium freirei PRF 81T reveals the key role of central metabolic pathways in acid tolerance. Applied Soil Ecology, 2019, 135, 98-103.	2.1	12
71	Mesorhizobium atlanticum sp. nov., a new nitrogen-fixing species from soils of the Brazilian Atlantic Forest biome. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1800-1806.	0.8	17
72	Bradyrhizobium niftali sp. nov., an effective nitrogen-fixing symbiont of partridge pea [Chamaecrista fasciculata (Michx.) Greene], a native caesalpinioid legume broadly distributed in the USA. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3448-3459.	0.8	21

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73	Bradyrhizobium frederickii sp. nov., a nitrogen-fixing lineage isolated from nodules of the caesalpinioid species Chamaecrista fasciculata and characterized by tolerance to high temperature in vitro. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3863-3877.	0.8	17
74	Microbial inoculants: reviewing the past, discussing the present and previewing an outstanding future for the use of beneficial bacteria in agriculture. AMB Express, 2019, 9, 205.	1.4	280
75	Lettuce Production under Reduced Levels of N-fertilizer in the Presence of Plant Growth-promoting Bacillus spp. Bacteria. Journal of Pure and Applied Microbiology, 2019, 13, 1941-1952.	0.3	6
76	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.	0.7	4
77	Polyphasic characterization of rhizobia microsymbionts of common bean [Phaseolus vulgaris (L.)] isolated in Mato Grosso do Sul, a hotspot of Brazilian biodiversity. Symbiosis, 2018, 76, 163-176.	1.2	9
78	Outstanding impact of soil tillage on the abundance of soil hydrolases revealed by a metagenomic approach. Brazilian Journal of Microbiology, 2018, 49, 723-730.	0.8	17
79	Azospirillum: benefits that go far beyond biological nitrogen fixation. AMB Express, 2018, 8, 73.	1.4	281
80	Draft Genome Sequence of Pantoea ananatis Strain 1.38, a Bacterium Isolated from the Rhizosphere of Oryza sativa var. Puntal That Shows Biotechnological Potential as an Inoculant. Genome Announcements, 2018, 6, .	0.8	10
81	Feasibility of transference of inoculation-related technologies: A case study of evaluation of soybean rhizobial strains under the agro-climatic conditions of Brazil and Mozambique. Agriculture, Ecosystems and Environment, 2018, 261, 230-240.	2.5	28
82	Revealing strategies of quorum sensing in Azospirillum brasilense strains Ab-V5 and Ab-V6. Archives of Microbiology, 2018, 200, 47-56.	1.0	46
83	Identification of QTLs Associated with Biological Nitrogen Fixation Traits in Soybean Using a Genotypingâ€byâ€Sequencing Approach. Crop Science, 2018, 58, 2523-2532.	0.8	9
84	Can Additional Inoculations Increase Soybean Nodulation and Grain Yield?. Agronomy Journal, 2018, 110, 715-721.	0.9	51
85	Development of liquid inoculants for strains of Rhizobium tropici group using response surface methodology. African Journal of Biotechnology, 2018, 17, 411-421.	0.3	14
86	Draft Genome Sequences of Azospirillum brasilense Strains Ab-V5 and Ab-V6, Commercially Used in Inoculants for Grasses and Legumes in Brazil. Genome Announcements, 2018, 6, .	0.8	38
87	Agronomic Performance and Yield Stability of the RNA Interferenceâ€Based Bean golden mosaic virusâ€Resistant Common Bean. Crop Science, 2018, 58, 579-591.	0.8	26
88	Complete Genome Sequence of Bacillus velezensis LABIM40, an Effective Antagonist of Fungal Plant Pathogens. Genome Announcements, 2018, 6, .	0.8	8
89	Co-inoculation of maize with Azospirillum brasilense and Rhizobium tropici as a strategy to mitigate salinity stress. Functional Plant Biology, 2018, 45, 328.	1.1	105
90	Antioxidant activity and induction of mechanisms of resistance to stresses related to the inoculation with Azospirillum brasilense. Archives of Microbiology, 2018, 200, 1191-1203.	1.0	34

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91	Genome sequence of Bradyrhizobium embrapense strain CNPSo 2833T, isolated from a root nodule of Desmodium heterocarpon. Brazilian Journal of Microbiology, 2017, 48, 9-10.	0.8	1
92	Mineral nitrogen impairs the biological nitrogen fixation in soybean of determinate and indeterminate growth types. Journal of Plant Nutrition, 2017, 40, 1690-1701.	0.9	39
93	Isolation, characterization and selection of indigenous Bradyrhizobium strains with outstanding symbiotic performance to increase soybean yields in Mozambique. Agriculture, Ecosystems and Environment, 2017, 246, 291-305.	2.5	72
94	Diversity and Importance of Diazotrophic Bacteria to Agricultural Sustainability in the Tropics. , 2017, , 269-292.		14
95	Phylogenies of symbiotic genes of Bradyrhizobium symbionts of legumes of economic and environmental importance in Brazil support the definition of the new symbiovars pachyrhizi and sojae. Systematic and Applied Microbiology, 2017, 40, 254-265.	1.2	45
96	Genetic diversity of symbiotic Paraburkholderia species isolated from nodules of Mimosa pudica (L.) and Phaseolus vulgaris (L.) grown in soils of the Brazilian Atlantic Forest (Mata AtlÃ¢ntica). FEMS Microbiology Ecology, 2017, 93, .	1.3	25
97	Inoculum Rate Effects on the Soybean Symbiosis in New or Old Fields under Tropical Conditions. Agronomy Journal, 2017, 109, 1106-1112.	0.9	28
98	Differential colonization by bioprospected rhizobial bacteria associated with common bean in different cropping systems. Canadian Journal of Microbiology, 2017, 63, 682-689.	0.8	3
99	Phytohormones and induction of plant-stress tolerance and defense genes by seed and foliar inoculation with Azospirillum brasilense cells and metabolites promote maize growth. AMB Express, 2017, 7, 153.	1.4	140
100	Genome Sequence of Rhizobium esperanzae Type Strain CNPSo 668, Isolated from Phaseolus vulgaris Nodules in Mexico. Genome Announcements, 2017, 5, .	0.8	12
101	Genome Sequence of Pantoea sp. Strain 1.19, Isolated from Rice Rhizosphere, with the Capacity To Promote Growth of Legumes and Nonlegumes. Genome Announcements, 2017, 5, .	0.8	9
102	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.	1.6	30
103	Genome Sequence of Pantoea ananatis Strain AMG 501, a Plant Growth-Promoting Bacterium Isolated from Rice Leaves Grown in Paddies of Southern Spain. Genome Announcements, 2017, 5, .	0.8	7
104	Low-carbon agriculture in South America to mitigate global climate change and advance food security. Environment International, 2017, 98, 102-112.	4.8	172
105	Indole-3-acetic acid production via the indole-3-pyruvate pathway by plant growth promoter Rhizobium tropici CIAT 899 is strongly inhibited by ammonium. Research in Microbiology, 2017, 168, 283-292.	1.0	35
106	Preinoculation of Soybean Seeds Treated with Agrichemicals up to 30 Days before Sowing: Technological Innovation for Large-Scale Agriculture. International Journal of Microbiology, 2017, 2017, 1-11.	0.9	14
107	Water restriction and physiological traits in soybean genotypes contrasting for nitrogen fixation drought tolerance. Scientia Agricola, 2017, 74, 110-117.	0.6	12
108	Genome Sequence of Bradyrhizobium mercantei Strain SEMIA 6399 T , Isolated from Nodules of Deguelia costata in Brazil. Genome Announcements, 2017, 5, .	0.8	1

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109	Bradyrhizobium mercantei sp. nov., a nitrogen-fixing symbiont isolated from nodules of Deguelia costata (syn. Lonchocarpus costatus). International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1827-1834.	0.8	32
110	Rhizobium esperanzae sp. nov., a N 2 -fixing root symbiont of Phaseolus vulgaris from Mexican soils. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3937-3945.	0.8	41
111	Molecular characterization of carbapenem-resistant Klebsiella pneumoniae isolates from a university hospital in Brazil. Journal of Infection in Developing Countries, 2017, 11, 379-386.	0.5	6
112	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.	1.2	13
113	Strategies to promote early nodulation in soybean under drought. Field Crops Research, 2016, 196, 160-167.	2.3	57
114	Composition of endophytic fungal community associated with leaves of maize cultivated in south Brazilian field. Acta Microbiologica Et Immunologica Hungarica, 2016, 63, 449-466.	0.4	15
115	Genome Sequence of Bradyrhizobium stylosanthis Strain BR 446 ^T , a Nitrogen-Fixing Symbiont of the Legume Pasture Stylosanthes guianensis. Genome Announcements, 2016, 4, .	0.8	1
116	Paraburkholderia nodosais the main N₂-fixing species trapped by promiscuous common bean (Phaseolus vulgarisL.) in the Brazilian â€˜CerradÃ£oâ€™. FEMS Microbiology Ecology, 2016, 92, fiw108.	1.3	35
117	Genome Sequence of Paraburkholderia nodosa Strain CNPSo 1341, a N 2 -Fixing Symbiont of the Promiscuous Legume Phaseolus vulgaris. Genome Announcements, 2016, 4, .	0.8	3
118	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.	1.2	42
119	Shifts in taxonomic and functional microbial diversity with agriculture: How fragile is the Brazilian Cerrado?. BMC Microbiology, 2016, 16, 42.	1.3	78
120	Response of determinate and indeterminate soybean cultivars to basal and topdressing N fertilization compared to sole inoculation with Bradyrhizobium. Field Crops Research, 2016, 195, 21-27.	2.3	67
121	Draft Genome Sequence of Pseudomonas fluorescens Strain ET76, Isolated from Rice Rhizosphere in Northwestern Morocco. Genome Announcements, 2016, 4, .	0.8	4
122	Draft Genome Sequence of Pantoea ananatis Strain AMG521, a Rice Plant Growth-Promoting Bacterial Endophyte Isolated from the Guadalquivir Marshes in Southern Spain. Genome Announcements, 2016, 4, .	0.8	47
123	Accessing inoculation methods of maize and wheat with Azospirillum brasilense. AMB Express, 2016, 6, 3.	1.4	169
124	Impact of long-term cropping of glyphosate-resistant transgenic soybean [Glycine max (L.) Merr.] on soil microbiome. Transgenic Research, 2016, 25, 425-440.	1.3	44
125	Inoculation of Brachiaria spp. with the plant growth-promoting bacterium Azospirillum brasilense: An environment-friendly component in the reclamation of degraded pastures in the tropics. Agriculture, Ecosystems and Environment, 2016, 221, 125-131.	2.5	105
126	Bradyrhizobium stylosanthis sp. nov., comprising nitrogen-fixing symbionts isolated from nodules of the tropical forage legume Stylosanthes spp.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3078-3087.	0.8	38

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127	NrcR, a New Transcriptional Regulator of Rhizobium tropici CIAT 899 Involved in the Legume Root-Nodule Symbiosis. PLoS ONE, 2016, 11, e0154029.	1.1	17
128	Genome Sequence of Bradyrhizobium tropiciagri Strain CNPSo 1112 T , Isolated from a Root Nodule of Neonotonia wightii. Genome Announcements, 2015, 3, .	0.8	1
129	A database for the taxonomic and phylogenetic identification of the genus Bradyrhizobium using multilocus sequence analysis. BMC Genomics, 2015, 16, S10.	1.2	16
130	Opening the â€œblack boxâ€•of nodD3, nodD4 and nodD5 genes of Rhizobium tropici strain CIAT 899. BMC Genomics, 2015, 16, 864.	1.2	37
131	Genome Sequence of Bradyrhizobium viridifuturi Strain SEMIA 690 ^T , a Nitrogen-Fixing Symbiont of Centrosema pubescens. Genome Announcements, 2015, 3, .	0.8	2
132	SOIL QUALITY IN RELATION TO FOREST CONVERSION TO PERENNIAL OR ANNUAL CROPPING IN SOUTHERN BRAZIL. Revista Brasileira De Ciencia Do Solo, 2015, 39, 1003-1014.	0.5	8
133	Soybean Production in the Americas. , 2015, , 393-400.		27
134	Maize growth promotion by inoculation with Azospirillum brasilense and metabolites of Rhizobium tropici enriched on lipo-chitooligosaccharides (LCOs). AMB Express, 2015, 5, 71.	1.4	59
135	Genome Sequence of Bradyrhizobium pachyrhizi Strain PAC48 T , a Nitrogen-Fixing Symbiont of Pachyrhizus erosus (L.) Urb. Genome Announcements, 2015, 3, .	0.8	3
136	Genome Sequence of Rhizobium ecuadorense Strain CNPSo 671 T , an Indigenous N 2 -Fixing Symbiont of the Ecuadorian Common Bean (Phaseolus vulgaris L.) Genetic Pool. Genome Announcements, 2015, 3, .	0.8	3
137	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.	1.2	38
138	Composition and activity of endophytic bacterial communities in field-grown maize plants inoculated with Azospirillum brasilense. Annals of Microbiology, 2015, 65, 2187-2200.	1.1	26
139	Advances in Host Plant and Rhizobium Genomics to Enhance Symbiotic Nitrogen Fixation inÂGrain Legumes. Advances in Agronomy, 2015, , 1-116.	2.4	73
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