Maria Lyra

List of Publications by Year
in descending order

49 papers	775 citations	759055 12 h-index	526166 27 g-index
50 all docs	50 docs citations	50 times ranked	1047 citing authors

#	Article	IF	Citations
1	The complete genome sequence of Chromobacterium violaceum reveals remarkable and exploitable bacterial adaptability. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11660-11665.	3.3	251
2	Effect of pH and soybean cultivars on the quantitative analyses of soybean rhizobia populations. Journal of Biotechnology, 2001, 91, 243-255.	1.9	58
3	Protist species richness and soil microbiome complexity increase towards climax vegetation in the Brazilian Cerrado. Communications Biology, 2018, 1, 135.	2.0	58
4	Molecular Phylogeny of the Genus <I>Dactylopius</I> (Hemiptera: Dactylopiidae) and Identification of the Symbiotic Bacteria. Environmental Entomology, 2010, 39, 1178-1183.	0.7	55
5	Soils of the Chinese Hubei Province Show a Very High Diversity of Sinorhizobium fredii Strains. Systematic and Applied Microbiology, 2002, 25, 592-602.	1.2	38
6	Sinorhizobium fredii HH103 Has a Truncated nolO Gene Due to a -1 Frameshift Mutation That Is Conserved Among Other Geographically Distant S. fredii Strains. Molecular Plant-Microbe Interactions, 2002, 15, 150-159.	1.4	36
7	CaracterizaÃ§Ã£o de rizÃ³bios isolados de JacatupÃ© cultivado em solo salino no Estado de Pernanbuco, Brasil. Bragantia, 2007, 66, 497-504.	1.3	35
8	Distinct bacterial communities across a gradient of vegetation from a preserved Brazilian Cerrado. Antonie Van Leeuwenhoek, 2017, 110, 457-469.	0.7	30
9	Efetividade da inoculaÃ§Ã£o com rizÃ³bio e fungos micorrÃzicos arbusculares em mudas de sabiÃ¡ submetidas a diferentes nÃveis de fÃ³sforo. Pesquisa Agropecuaria Brasileira, 2000, 35, 801-807.	0.9	22
10	Fungal diversity in soils across a gradient of preserved Brazilian Cerrado. Journal of Microbiology, 2017, 55, 273-279.	1.3	21
11	Archaea diversity in vegetation gradients from the Brazilian Cerrado. Brazilian Journal of Microbiology, 2018, 49, 522-528.	0.8	16
12	Mimosa caesalpiniifolia rhizobial isolates from different origins of the Brazilian Northeast. Archives of Microbiology, 2015, 197, 459-469.	1.0	13
13	Diversity of plant growth-promoting bacteria associated with sugarcane. Genetics and Molecular Research, 2017, 16, .	0.3	13
14	Sugarcane inoculated with endophytic diazotrophic bacteria: effects on yield, biological nitrogen fixation and industrial characteristics. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180990.	0.3	13
15	Genetic diversity among native isolates of rhizobia from Phaseolus lunatus. Annals of Microbiology, 2011, 61, 437-444.	1.1	12
16	Characteristics of nodule bacteria from Mimosa spp grown in soils of the Brazilian semiarid region. African Journal of Microbiology Research, 2014, 8, 788-796.	0.4	12
17	EficiÃªncia simbiÃ³tica de isolados de rizÃ³bio noduladores de feijÃ£o-fava (Phaseolus lunatus L.). Revista Brasileira De Ciencia Do Solo, 2011, 35, 751-757.	0.5	11
18	Phenotypic and molecular characteristics of rhizobia isolated from nodules of peanut (Arachis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.3	11

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19	Biological nitrogen fixation in field-grown sorghum under different edaphoclimatic conditions is confirmed by N isotopic signatures. Nutrient Cycling in Agroecosystems, 2020, 117, 93-101.	1.1	10
20	Biological fixation, transfer and balance of nitrogen in passion fruit (Passiflora edulis Sims) orchard intercropped with different green manure crops. Australian Journal of Crop Science, 2019, 13, 465-471.	0.1	7
21	CaracterizaÃ§Ã£o morfolÃ³gica e molecular de fungos micorrÃzicos arbusculares isolados de Ã¡reas de mineraÃ§Ã£o de gesso, Araripina, PE, Brasil. Hoehnea (revista), 2014, 41, 393-400.	0.2	6
22	Polyphasic analysis of Acidovorax citrulli strains from northeastern Brazil. Scientia Agricola, 2016, 73, 252-259.	0.6	6
23	Prospecting of efficient rhizobia for peanut inoculation in a Planosol under different vegetation covers. African Journal of Microbiology Research, 2017, 11, 123-131.	0.4	5
24	Marcadores moleculares para detecÃ§Ã£o de variabilidade genÃ©tica em variedades de palma forrageira. Pesquisa AgropecuÃ¡ria Pernambucana, 2012, 17, .	0.1	4
25	Symbiotic efficiency of native rhizobia in legume tree Leucaena leucocephala derived from several soil classes of Brazilian Northeast region. Australian Journal of Crop Science, 2018, 12, 478-485.	0.1	3
26	Diversity Of Rhizobia Isolated from Nodules of Indigenous Tree Legumes from the Brazilian Dry Forest. Acta Agronomica, 2019, 68, .	0.0	3
27	Structure and diversity of bacterial community in semiarid soils cultivated with prickly-pear cactus (Opuntia ficus-indica (L.) Mill.). Anais Da Academia Brasileira De Ciencias, 2021, 93, e20190183.	0.3	3
28	Responses of Low-Cost Input Combinations on the Microbial Structure of the Maize Rhizosphere for Greenhouse Gas Mitigation and Plant Biomass Production. Frontiers in Plant Science, 2021, 12, 683658.	1.7	3
29	SYMBIOTIC EFFECTIVENESS AND COMPETITIVENESS OF CALOPO RHIZOBIAL ISOLATES IN AN ARGISSOLO VERMELHO-AMARELO UNDER THREE VEGETATION COVERS IN THE DRY FOREST ZONE OF PERNAMBUCO. Revista Brasileira De Ciencia Do Solo, 2015, 39, 367-376.	0.5	3
30	Diversity of native rhizobia-nodulating <italic>Phaseolus lunatus</italic> in Brazil. Legume Research, 2015, 38, .	0.0	3
31	Interspecies variation of Kitasatospora recifensis endophytic from yam bean producing thermostable amylases in alternative media. World Journal of Microbiology and Biotechnology, 2007, 23, 1719-1724.	1.7	2
32	Systems of land use affecting nodulation and growth of tree legumes in different soils of the Brazilian semiarid area. African Journal of Agricultural Research Vol Pp, 2016, 11, 3966-3974.	0.2	2
33	CaracterizaÃ§Ã£o filogenÃ©tica de isolados de Beauveria bassiana originados de diferentes insetos hospedeiros. Pesquisa AgropecuÃ¡ria Pernambucana, 2014, 19, 53-57.	0.1	2
34	MOLECULAR CHARACTERISTICS OF OPUNTIAS BASED ON INTERNAL TRANSCRIBED SPACER SEQUENCES (ITS) OF QUERETARO STATE - MEXICO. Acta Horticulturae, 2013, , 27-34.	0.1	1
35	Influence of Recycled Waste Compost on Soil Food Webs, Nutrient Cycling and Tree Growth in a Young Almond Orchard. Agronomy, 2021, 11, 1745.	1.3	1
36	IdentificaÃ§Ã£o de bactÃ©rias diazotrÃ³ficas isoladas em cultivares de palma (Opuntia e Nopalea) usando o gene recA. Bioscience Journal, 2015, 31, 577-583.	0.4	1

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37	Isolation and molecular characterization of endophytic bacteria associated with the culture of forage cactus (Opuntia spp.). Journal of Applied Biology & Biotechnology, 0, , .	1.4	1
38	Diversidade e potencial de solubilizaÃ§Ã£o de fosfato in vitro por bactÃ©rias endofÃ¡ticas associadas Ã cultura da palma forrageira (Opuntia e Nopalea) em Pernambuco. Pesquisa AgropecuÃ¡ria Pernambucana, 2014, 19, 85-88.	0.1	1
39	Nitrate levels and stages of growth in hypernodulating mutants of Lupinus albus. I. N2 fixation potential. Revista De Microbiologia, 1999, 30, 91-97.	0.1	1
40	Isolation and Characterization of Plant Growth-Promotion Diazotrophic Endophytic Bacteria Associated to Sugarcane (Saccharum officinarum L.) Grown in ParaÃba, Brazil. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	1
41	Microbial diversity in Chromobacterium violaceum determined by 16S rRNA gene analysis. , 2009, , .		0
42	ISOLATION AND MOLECULAR CHARACTERIZATION OF ENDOPHYTIC BACTERIA ASSOCIATED WITH FORAGE CACTUS (OPUNTIA SPP.). Acta Horticulturae, 2013, , 99-108.	0.1	0
43	Polyphasic identification of isolates of Chromobacterium sp. obtained from flooded soil. African Journal of Microbiology Research, 2014, 8, 689-696.	0.4	0
44	CaracterizaÃ§Ã£o parcial de um begomovÃrus de mussambÃª proveniente do estado de Pernambuco. Summa Phytopathologica, 2006, 32, 397-397.	0.3	0
45	Identification of virulence genes in Fusarium oxysporum f. sp. lycopersici the causal agent of tomato wilt disease. , 2010, , .		0
46	Characterization of Metarhizium anisopliae using amplifed ribossomal DNA restriction analysis (ARDRA) and internal transcribed spacer (ITS) sequence analysis. African Journal of Biotechnology, 2012, 11, 16635-16639.	0.3	0
47	The genetic variability using sequencing of the ribosomal internal transcribed spacer (ITS) region in cultivars of the cowpea [Vigna unguiculata L. (Walp).]. African Journal of Agricultural Research Vol Pp, 2013, 8, 4365-4373.	0.2	0
48	Diversidade da microbiota endofÃ¡tica na cultura da palma (Opuntia spp. e Nopalea spp.) no SemiÃ¡rido de Pernambuco. Pesquisa AgropecuÃ¡ria Pernambucana, 2014, 19, 3-10.	0.1	0
49	Nitrate levels and stages of growth in hypernodulating mutants of Lupinus albus. II. Enzymatic activity and transport of N in the xylem sap. Revista De Microbiologia, 1999, 30, 98-103.	0.1	0