Marcio Rodrigues Lambais

List of Publications by Year
in descending order

53 papers	2,671 citations	257450 24 h-index	189892 50 g-index
53 all docs	53 docs citations	53 times ranked	3318 citing authors

#	Article	IF	Citations
1	The genome sequence of the plant pathogen Xylella fastidiosa. Nature, 2000, 406, 151-157.	27.8	827
2	Bacterial Diversity in Tree Canopies of the Atlantic Forest. Science, 2006, 312, 1917-1917.	12.6	200
3	Suppression of Endochitinase,Î²-1,3-Endoglucanase, and Chalcone Isomerase Expression in Bean Vesicular-Arbuscular Mycorrhizal Roots Under Different Soil Phosphate Conditions. Molecular Plant-Microbe Interactions, 1993, 6, 75.	2.6	123
4	Brazilian Microbiome Project: Revealing the Unexplored Microbial Diversityâ€"Challenges and Prospects. Microbial Ecology, 2014, 67, 237-241.	2.8	119
5	Intestinal Bacterial Community and Growth Performance of Chickens Fed Diets Containing Antibiotics. Poultry Science, 2006, 85, 747-752.	3.4	98
6	Bacterial Community Assemblages Associated with the Phyllosphere, Dermosphere, and Rhizosphere of Tree Species of the Atlantic Forest are Host Taxon Dependent. Microbial Ecology, 2014, 68, 567-574.	2.8	92
7	Antioxidant responses in bean (Phaseolus vulgaris) roots colonized by arbuscular mycorrhizal fungi. New Phytologist, 2003, 160, 421-428.	7.3	83
8	Sulfur in agriculture. Revista Brasileira De Ciencia Do Solo, 2012, 36, 1369-1379.	1.3	66
9	Differential expression of defense-related genes in arbuscular mycorrhiza. Canadian Journal of Botany, 1995, 73, 533-540.	1.1	60
10	Reduced arbuscular mycorrhizal colonization in tomato ethylene mutants. Scientia Agricola, 2008, 65, 259-267.	1.2	57
11	A genomic approach to the understanding of Xylella fastidiosa pathogenicity. Current Opinion in Microbiology, 2000, 3, 459-462.	5.1	50
12	Expression of putative pathogenicity-related genes inXylella fastidiosagrown at low and high cell density conditions in vitro. FEMS Microbiology Letters, 2003, 222, 83-92.	1.8	49
13	The Structure of Bacterial Community in the Intestines of Newly Hatched Chicks. Journal of Applied Poultry Research, 2005, 14, 232-237.	1.2	49
14	Phyllosphere Metaproteomes of Trees from the Brazilian Atlantic Forest Show High Levels of Functional Redundancy. Microbial Ecology, 2017, 73, 123-134.	2.8	49
15	Proteome changes in Oncidium sphacelatum (Orchidaceae) at different trophic stages of symbiotic germination. Mycorrhiza, 2014, 24, 349-360.	2.8	47
16	Bacterial stimulation of copper phytoaccumulation by bioaugmentation with rhizosphere bacteria. Chemosphere, 2010, 81, 1149-1154.	8.2	46
17	Bacteria diversity and microbial biomass in forest, pasture and fallow soils in the southwestern Amazon basin. Revista Brasileira De Ciencia Do Solo, 2009, 33, 907-916.	1.3	45
18	Spatial distribution of chitinases and beta-1,3-glucanase transcripts in bean arbuscular mycorrhizal roots under low and high soil phosphate conditions. New Phytologist, 1998, 140, 33-42.	7.3	43

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19	Characterization of a putativeXylella fastidiosa diffusible signal factor by HRGC-EI-MS. Journal of Mass Spectrometry, 2007, 42, 490-496.	1.6	41
20	Characterization of a putative <i>Xylella fastidiosa</i> diffusible signal factor by HRGCâ€EIâ€MS. Journal of Mass Spectrometry, 2007, 42, 1375-1381.	1.6	36
21	The importance of phyllosphere on plant functional ecology: aÂphyllo trait manifesto. New Phytologist, 2018, 219, 1145-1149.	7.3	36
22	RegulaÃ§Ã£o do desenvolvimento de micorrizas arbusculares. Revista Brasileira De Ciencia Do Solo, 2009, 33, 1-16.	1.3	32
23	Soybean roots infected by Glomus intraradices strains differing in infectivity exhibit differential chitnase and Î²â€•1,3â€•glucanase expression. New Phytologist, 1996, 134, 531-538.	7.3	28
24	In silico differential display of defense-related expressed sequence tags from sugarcane tissues infected with diazotrophic endophytes. Genetics and Molecular Biology, 2001, 24, 103-111.	1.3	28
25	Tomato ethylene mutants exhibit differences in arbuscular mycorrhiza development and levels of plant defense-related transcripts. Symbiosis, 2013, 60, 155-167.	2.3	26
26	Impact of Amazon land use on the community of soil fungi. Scientia Agricola, 2013, 70, 59-67.	1.2	25
27	Bacterial and archaeal communities in the acid pit lake sediments of a chalcopyrite mine. Extremophiles, 2013, 17, 941-951.	2.3	22
28	Unraveling the signaling and signal transduction mechanisms controlling arbuscular mycorrhiza development. Scientia Agricola, 2006, 63, 405-413.	1.2	20
29	Estimating genetic structure and diversity of cyanobacterial communities in Atlantic forest phyllosphere. Canadian Journal of Microbiology, 2016, 62, 953-960.	1.7	19
30	Archaeal diversity and the extent of iron and manganese pyritization in sediments from a tropical mangrove creek (Cardoso Island, Brazil). Estuarine, Coastal and Shelf Science, 2014, 146, 1-13.	2.1	18
31	Response of Stylosanthes guianensis to endomycorrhizal fungi inoculation as affected by lime and phosphorus applications. Plant and Soil, 1990, 129, 283-289.	3.7	17
32	Bacterial communities and biogeochemical transformations of iron and sulfur in a high saltmarsh soil profile. Soil Biology and Biochemistry, 2008, 40, 2854-2864.	8.8	17
33	Cover loss in a seagrass Posidonia oceanica meadow accelerates soil organic matter turnover and alters soil prokaryotic communities. Organic Geochemistry, 2021, 151, 104140.	1.8	17
34	Asymbiotic nitrogen fixation in the phyllosphere of the Amazon forest: Changing nitrogen cycle paradigms. Science of the Total Environment, 2021, 773, 145066.	8.0	17
35	Potential Phytoextraction and Phytostabilization of Perennial Peanut on Copper-Contaminated Vineyard Soils and Copper Mining Waste. Biological Trace Element Research, 2011, 143, 1729-1739.	3.5	16
36	Gene expression analyses in tomato near isogenic lines provide evidence for ethylene and abscisic acid biosynthesis fine-tuning during arbuscular mycorrhiza development. Archives of Microbiology, 2017, 199, 787-798.	2.2	14

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37	Impactos da aplicaÃ§Ã£o de biossÃ³lidos na microbiota de solos tropicais. Revista Brasileira De Ciencia Do Solo, 2008, 32, 1129-1138.	1.3	14
38	Response ofStylosanthes guianensis to endomycorrhizal fungi inoculation as affected by lime and phosphorus applications. Plant and Soil, 1993, 150, 109-116.	3.7	13
39	Artificial neural network modeling of microbial community structures in the Atlantic Forest of Brazil. Soil Biology and Biochemistry, 2014, 69, 101-109.	8.8	13
40	Arbuscular mycorrhizal fungal communities in soils under three phytophysiognomies of the Brazilian Atlantic Forest. Acta Botanica Brasilica, 2019, 33, 50-60.	0.8	13
41	Proteomic and Transcriptomic Analyses Indicate Metabolic Changes and Reduced Defense Responses in Mycorrhizal Roots of Oeceoclades maculata (Orchidaceae) Collected in Nature. Journal of Fungi (Basel, Switzerland), 2020, 6, 148.	3.5	13
42	Effects of Stimulation of Copper Bioleaching on Microbial Community in Vineyard Soil and Copper Mining Waste. Biological Trace Element Research, 2012, 146, 124-133.	3.5	12
43	Bioreduction of Cu(II) by Cell-Free Copper Reductase from a Copper Resistant Pseudomonas sp. NA. Biological Trace Element Research, 2011, 143, 1182-1192.	3.5	11
44	Early changes in arbuscular mycorrhiza development in sugarcane under two harvest management systems. Brazilian Journal of Microbiology, 2014, 45, 995-1005.	2.0	11
45	Variabilidade espacial da comunidade bacteriana intestinal de suÃnos suplementados com antibiÃ³ticos ou extratos herbais. Revista Brasileira De Zootecnia, 2005, 34, 1225-1233.	0.8	10
46	Ãcido salicÃlico inibe a formaÃ§Ã£o de micorrizas arbusculares e modifica a expressÃ£o de quitinases e b-1,3-glucanases em raÃzes de feijoeiro. Scientia Agricola, 2000, 57, 19-25.	1.2	10
47	In silico characterization and expression analyses of sugarcane putative sucrose non-fermenting-1 (SNF1) related kinases. Genetics and Molecular Biology, 2001, 24, 35-41.	1.3	6
48	Bacterial and Archaeal Communities in Bleached Mottles of Tropical Podzols. Microbial Ecology, 2015, 69, 372-382.	2.8	5
49	No evidence of positive feedback between litter deposition and seedling growth rate in Neotropical savannas. Plant and Soil, 2021, 469, 305-320.	3.7	3
50	Early Changes in Soil Metabolic Diversity and Bacterial Community Structure in Sugarcane under Two Harvest Management Systems. Revista Brasileira De Ciencia Do Solo, 2015, 39, 701-713.	1.3	2
51	Comunidades microbianas, atividade enzimÃ¡tica e fungos micorrÃzicos em solo rizosfÃ©rico de "Landfarming" de resÃduos petroquÃmicos. Revista Brasileira De Ciencia Do Solo, 2008, 32, 1501-1512.	1.3	1
52	Cloning of putative ureG genes from Glomus intraradices and urease activities in tobacco arbuscular mycorrhizal roots. Scientia Agricola, 2009, 66, 258-266.	1.2	1
53	Bacterial Diversity in Tree Canopies of the Atlantic Forest. , 2015, , 49-54.		1