

Andr Luiz Martinez de Oliveira

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63

papers

1,262

citations

18

h-index

34

g-index

77

ext. papers

1,526

ext. citations

3.6

avg, IF

4.42

L-index

#	Paper	IF	Citations
63	Complete genome sequence of the sugarcane nitrogen-fixing endophyte <i>Gluconacetobacter diazotrophicus</i> Pal5. <i>BMC Genomics</i> , 2009 , 10, 450	4.5	165
62	<i>Azospirillum amazonense</i> inoculation: effects on growth, yield and N ₂ fixation of rice (<i>Oryza sativa</i> L.). <i>Plant and Soil</i> , 2008 , 302, 249-261	4.2	127
61	Yield of micropropagated sugarcane varieties in different soil types following inoculation with diazotrophic bacteria. <i>Plant and Soil</i> , 2006 , 284, 23-32	4.2	115
60	<i>Azospirillum brasilense</i> promotes increases in growth and nitrogen use efficiency of maize genotypes. <i>PLoS ONE</i> , 2019 , 14, e0215332	3.7	71
59	Colonization of sugarcane plantlets by mixed inoculations with diazotrophic bacteria. <i>European Journal of Soil Biology</i> , 2009 , 45, 106-113	2.9	70
58	The main spoilage-related psychrotrophic bacteria in refrigerated raw milk. <i>Journal of Dairy Science</i> , 2018 , 101, 75-83	4	51
57	Detection and quantification of <i>Aspergillus westerdijkiae</i> in coffee beans based on selective amplification of beta-tubulin gene by using real-time PCR. <i>International Journal of Food Microbiology</i> , 2007 , 119, 270-6	5.8	48
56	Maize Inoculation with Ab-V5 Cells Enriched with Exopolysaccharides and Polyhydroxybutyrate Results in High Productivity under Low N Fertilizer Input. <i>Frontiers in Microbiology</i> , 2017 , 8, 1873	5.7	42
55	Technical approaches to inoculate micropropagated sugar cane plants were <i>Acetobacter diazotrophicus</i> . <i>Plant and Soil</i> , 1998 , 206, 205-211	4.2	40
54	Response of micropropagated sugarcane varieties to inoculation with endophytic diazotrophic bacteria. <i>Brazilian Journal of Microbiology</i> , 2003 , 34, 59-61	2.2	39
53	The Family Rhodospirillaceae 2014 , 533-618		37
52	Physical Properties, Photo- and Bio-degradation of Baked Foams Based on Cassava Starch, Sugarcane Bagasse Fibers and Montmorillonite. <i>Journal of Polymers and the Environment</i> , 2013 , 21, 266-274	4.5	31
51	Biochemical and molecular characterization of high population density bacteria isolated from sunflower. <i>Journal of Microbiology and Biotechnology</i> , 2012 , 22, 437-47	3.3	28
50	Effects of plant growth-promoting rhizobacteria on co-inoculation with in soybean crop: a meta-analysis of studies from 1987 to 2018. <i>PeerJ</i> , 2020 , 8, e7905	3.1	25
49	Indole-3-acetic acid production via the indole-3-pyruvate pathway by plant growth promoter <i>Rhizobium tropici</i> CIAT 899 is strongly inhibited by ammonium. <i>Research in Microbiology</i> , 2017 , 168, 283-292	4.2	23
48	Diversity and plant growth-promoting functions of diazotrophic/N-scavenging bacteria isolated from the soils and rhizospheres of two species of <i>Solanum</i> . <i>PLoS ONE</i> , 2020 , 15, e0227422	3.7	21
47	Survival of endophytic diazotrophic bacteria in soil under different moisture levels. <i>Brazilian Journal of Microbiology</i> , 2004 , 35, 295-299	2.2	19

46	Genetic structure of <i>Fusarium verticillioides</i> populations and occurrence of fumonisins in maize grown in Southern Brazil. <i>Crop Protection</i> , 2017 , 99, 160-167	2.7	18
45	Plant growth-promoting bacteria associated with nitrogen fertilization at topdressing in popcorn agronomic performance. <i>Bragantia</i> , 2016 , 75, 33-40	1.2	18
44	The Role of Rhizosphere Bacteriophages in Plant Health. <i>Trends in Microbiology</i> , 2020 , 28, 709-718	12.4	16
43	Development of biodegradable coatings for maize seeds and their application for <i>Azospirillum brasilense</i> immobilization. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 2193-2203	5.7	15
42	The influence of topdressing nitrogen on <i>Azospirillum</i> spp. inoculation in maize crops through meta-analysis. <i>Bragantia</i> , 2018 , 77, 493-500	1.2	15
41	Composition and activity of endophytic bacterial communities in field-grown maize plants inoculated with <i>Azospirillum brasilense</i> . <i>Annals of Microbiology</i> , 2015 , 65, 2187-2200	3.2	14
40	Plant-promoting rhizobacteria <i>Methylobacterium komagatae</i> increases crambe yields, root system and plant height. <i>Industrial Crops and Products</i> , 2018 , 121, 277-281	5.9	14
39	Plant growth-promoting bacteria improve leaf antioxidant metabolism of drought-stressed Neotropical trees. <i>Planta</i> , 2020 , 251, 83	4.7	13
38	The ammonium excreting <i>Azospirillum brasilense</i> strain HM053: a new alternative inoculant for maize. <i>Plant and Soil</i> , 2020 , 451, 45-56	4.2	13
37	Inoculation with plant growth-promoting bacteria alters the rhizosphere functioning of tomato plants. <i>Applied Soil Ecology</i> , 2021 , 158, 103784	5	13
36	Associative bacteria influence maize (<i>Zea mays</i> L.) growth, physiology and root anatomy under different nitrogen levels. <i>Plant Biology</i> , 2018 , 20, 870-878	3.7	13
35	Identification of Genes Involved in Indole-3-Acetic Acid Biosynthesis by PAL5 Strain Using Transposon Mutagenesis. <i>Frontiers in Microbiology</i> , 2016 , 7, 1572	5.7	12
34	Formulations of polymeric biodegradable low-cost foam by melt extrusion to deliver plant growth-promoting bacteria in agricultural systems. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 7323-38	5.7	12
33	Enhanced drought tolerance in seedlings of Neotropical tree species inoculated with plant growth-promoting bacteria. <i>Plant Physiology and Biochemistry</i> , 2018 , 130, 277-288	5.4	11
32	Genetic diversity and a PCR-based method for <i>Xanthomonas axonopodis</i> detection in passion fruit. <i>Phytopathology</i> , 2011 , 101, 416-24	3.8	11
31	Genetic diversity of thermophilic spoilage microorganisms of milk from Brazilian dairy farms. <i>Journal of Dairy Science</i> , 2018 , 101, 6927-6936	4	11
30	Development of liquid inoculants for strains of <i>Rhizobium tropici</i> group using response surface methodology. <i>African Journal of Biotechnology</i> , 2018 , 17, 411-421	0.6	9
29	[(1- β)-Glucanolytic yeasts from Brazilian grape microbiota: production and characterization of β -glucanolytic enzymes by <i>Aureobasidium pullulans</i> 1WA1 cultivated on fungal Mycelium. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 269-78	5.7	8

28	Biodegradable plastic designed to improve the soil quality and microbiological activity. <i>Polymer Degradation and Stability</i> , 2018 , 158, 52-63	4.7	8
27	Aplicações da biodiversidade bacteriana do solo para a sustentabilidade da agricultura. <i>BBR - Biochemistry and Biotechnology Reports</i> , 2014 , 3, 56		6
26	Fast induction of biosynthetic polysaccharide genes lpxA, lpxE, and rkpI of Rhizobium sp. strain PRF 81 by common bean seed exudates is indicative of a key role in symbiosis. <i>Functional and Integrative Genomics</i> , 2013 , 13, 275-83	3.8	6
25	Agrobacterium-mediated insertional mutagenesis of the ochratoxigenic fungus <i>Aspergillus westerdijkiae</i> . <i>Canadian Journal of Microbiology</i> , 2007 , 53, 148-51	3.2	6
24	Culturable bacterial pool from aged petroleum-contaminated soil: identification of oil-eating Bacillus strains. <i>Annals of Microbiology</i> , 2012 , 62, 1681-1690	3.2	5
23	The adaptive metabolomic profile and functional activity of tomato rhizosphere are revealed upon PGPB inoculation under saline stress. <i>Environmental and Experimental Botany</i> , 2021 , 189, 104552	5.9	5
22	Invasion ecology applied to inoculation of plant growth promoting bacteria through a novel SIMPER-PCA approach. <i>Plant and Soil</i> , 2018 , 422, 467-478	4.2	4
21	Spoilage potential of spore-forming bacteria from refrigerated raw milk. <i>Semina: Ciências Agrárias</i> , 2018 , 39, 2049	0.6	4
20	Root exudate supplemented inoculant of <i>Azospirillum brasilense</i> Ab-V5 is more effective in enhancing rhizosphere colonization and growth of maize. <i>Environmental Sustainability</i> , 2020 , 3, 187-197	2.9	3
19	Isolation and Identification of <i>Aspergillus Section Nigri</i> , and Genotype Associated with Ochratoxin A and Fumonisin B Production in Garlic Marketed in Brazil. <i>Current Microbiology</i> , 2020 , 77, 1150-1158	2.4	3
18	Selection of <i>Leuconostoc</i> strains isolated from artisanal Serrano Catarinense cheese for use as adjuncts in cheese manufacture. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 3899-3906	4.3	3
17	Evaluation of the biological nitrogen fixation contribution in sugarcane plants originated from seeds and inoculated with nitrogen-fixing endophytes. <i>Brazilian Journal of Microbiology</i> , 2003 , 34, 62-64	2.2	3
16	IAA production and phosphate solubilization performed by native rhizobacteria in western Paraná. <i>Agronomy Science and Biotechnology</i> , 2019 , 5, 70	0.4	3
15	Ammonium excretion, auxin production and effects of maize inoculation with ethylenediamine-resistant mutants of <i>Pseudomonas</i> sp.. <i>Bragantia</i> , 2018 , 77, 415-428	1.2	3
14	Identification and characterization of a long-chain N-acyl homoserine lactone from <i>Rhizobium</i> sp. isolated from <i>Zea x mays</i> rhizosphere. <i>Rhizosphere</i> , 2019 , 9, 34-37	3.5	2
13	Proteolytic and lipolytic potential of <i>Pseudomonas</i> spp. from goat and bovine raw milk. <i>Pesquisa Veterinária Brasileira</i> , 2018 , 38, 1577-1583	0.4	2
12	Performance of maize hybrids from a partial diallel in association with <i>Azospirillum</i> . <i>African Journal of Agricultural Research Vol Pp</i> , 2018 , 13, 1297-1305	0.5	1
11	Effects of <i>Rhizobium tropici</i> azide-resistant mutants on growth, nitrogen nutrition and nodulation of common bean (<i>Phaseolus vulgaris</i> L.). <i>Rhizosphere</i> , 2021 , 18, 100355	3.5	1

10	Differential impacts of plant growth-promoting bacteria (PGPB) on seeds of neotropical tree species with contrasting tolerance to shade. <i>Trees - Structure and Function</i> , 2020 , 34, 121-132	2.6	1
9	Biodegradation of poly(lactic acid)–bassava bagasse composites produced by injection molding. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50667	2.9	1
8	Can Inoculation With the Bacterial Biostimulant sp. Strain 15S Be an Approach for the Smarter P Fertilization of Maize and Cucumber Plants?. <i>Frontiers in Plant Science</i> , 2021 , 12, 719873	6.2	1
7	Does inoculation with associative bacteria improve tolerance to nitrogen deficiency in seedlings of Neotropical tree species?. <i>Environmental and Experimental Botany</i> , 2021 , 189, 104529	5.9	1
6	Acyl-Homoserine Lactone from Plant-Associated <i>Pseudomonas</i> sp. Influences <i>Solanum lycopersicum</i> Germination and Root Growth. <i>Journal of Chemical Ecology</i> , 2020 , 46, 699-706	2.7	0
5	Diversity and plant growth-promoting functions of diazotrophic/N-scavenging bacteria isolated from the soils and rhizospheres of two species of <i>Solanum</i> 2020 , 15, e0227422		
4	Diversity and plant growth-promoting functions of diazotrophic/N-scavenging bacteria isolated from the soils and rhizospheres of two species of <i>Solanum</i> 2020 , 15, e0227422		
3	Diversity and plant growth-promoting functions of diazotrophic/N-scavenging bacteria isolated from the soils and rhizospheres of two species of <i>Solanum</i> 2020 , 15, e0227422		
2	Diversity and plant growth-promoting functions of diazotrophic/N-scavenging bacteria isolated from the soils and rhizospheres of two species of <i>Solanum</i> 2020 , 15, e0227422		
1	Diversity and antimicrobial potential of the culturable rhizobacteria from medicinal plant <i>Baccharis trimera</i> Less D.C.. <i>Brazilian Journal of Microbiology</i> , 2022 , 1	2.2	