

# João L Azevedo

## List of Publications by Year in descending order

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89  
papers

4,469  
citations

101543

36  
h-index

110387

64  
g-index

89  
all docs

89  
docs citations

89  
times ranked

4311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of soybean-associated bacteria and their potential for plant growth promotion. <i>Environmental Microbiology</i> , 2004, 6, 1244-1251.	3.8	583
2	Diversity of Endophytic Bacterial Populations and Their Interaction with <i>Xylella fastidiosa</i> in Citrus Plants. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4906-4914.	3.1	485
3	Diversity of endophytic bacteria from <i>Eucalyptus</i> species seeds and colonization of seedlings by <i>Pantoea agglomerans</i> . <i>FEMS Microbiology Letters</i> , 2008, 287, 8-14.	1.8	194
4	Nonpathogenic Isolates of the Citrus Black Spot Fungus, <i>Guignardia citricarpa</i> , Identified as a Cosmopolitan Endophyte of Woody Plants, <i>G. mangiferae</i> ( <i>Phyllosticta capitalensis</i> ). <i>Phytopathology</i> , 2002, 92, 464-477.	2.2	176
5	Isolation of micropropagated strawberry endophytic bacteria and assessment of their potential for plant growth promotion. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 189-195.	3.6	159
6	Interaction between endophytic bacteria from citrus plants and the phytopathogenic bacteria <i>Xylella fastidiosa</i> , causal agent of citrus-variegated chlorosis. <i>Letters in Applied Microbiology</i> , 2004, 39, 55-59.	2.2	133
7	Isolation and characterization of endophytic bacteria from soybean ( <i>Glycine max</i> ) grown in soil treated with glyphosate herbicide. <i>Plant and Soil</i> , 2005, 273, 91-99.	3.7	128
8	Sugarcane Growth Promotion by the Endophytic Bacterium <i>Pantoea agglomerans</i> 33.1. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7511-7518.	3.1	121
9	Effect of bacterial inoculation, plant genotype and developmental stage on root-associated and endophytic bacterial communities in potato ( <i>Solanum tuberosum</i> ). <i>Antonie Van Leeuwenhoek</i> , 2010, 97, 389-399.	1.7	113
10	Chitinolytic activity of endophytic <i>Streptomyces</i> and potential for biocontrol. <i>Letters in Applied Microbiology</i> , 2008, 47, 486-491.	2.2	104
11	Isolation of endophytic actinomycetes from roots and leaves of maize ( <i>Zea mays</i> L.). <i>Brazilian Archives of Biology and Technology</i> , 2000, 43, 447-451.	0.5	96
12	Endophytic fungi: expanding the arsenal of industrial enzyme producers. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 1467-1478.	3.0	91
13	Isolation and enzyme bioprospection of endophytic bacteria associated with plants of Brazilian mangrove ecosystem. <i>SpringerPlus</i> , 2014, 3, 382.	1.2	87
14	Diversity and biotechnological potential of culturable bacteria from Brazilian mangrove sediment. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 1305-1311.	3.6	79
15	Species diversity of culturable endophytic fungi from Brazilian mangrove forests. <i>Current Genetics</i> , 2013, 59, 153-166.	1.7	78
16	Endophytic yeasts and filamentous fungi associated with southern Brazilian apple ( <i>Malus domestica</i> ) orchards subjected to conventional, integrated or organic cultivation. <i>Journal of Basic Microbiology</i> , 2005, 45, 397-402.	3.3	72
17	3-Hydroxypropionic Acid as an Antibacterial Agent from Endophytic Fungi <i>Diaporthe phaseolorum</i> . <i>Current Microbiology</i> , 2012, 65, 622-632.	2.2	71
18	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2002, 18, 391-396.	3.6	61

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19	of <i>Fusarium oxysporum</i> . <i>Genetics and Molecular Research</i> , 2012, 11, 4187-4197.	0.2	60
20	Endophytic Fungi of <i>Stylosanthes</i> : A First Report. <i>Mycologia</i> , 1993, 85, 362-364.	1.9	59
21	Pathogenicity of four strains of entomopathogenic fungi against the bovine tick <i>Boophilus microplus</i> . <i>American Journal of Veterinary Research</i> , 2001, 62, 1478-1480.	0.6	53
22	Model plants for studying the interaction between <i>Methylobacterium mesophilicum</i> and <i>Xylella fastidiosa</i> . <i>Canadian Journal of Microbiology</i> , 2006, 52, 419-426.	1.7	53
23	Transgenic tobacco revealing altered bacterial diversity in the rhizosphere during early plant development. <i>Antonie Van Leeuwenhoek</i> , 2008, 93, 415-424.	1.7	53
24	Parasexuality in <i>Beauveria bassiana</i> . <i>Journal of Invertebrate Pathology</i> , 1991, 57, 172-176.	3.2	52
25	Culturable endophytic filamentous fungi from leaves of transgenic imidazolinone-tolerant sugarcane and its non-transgenic isolines. <i>Archives of Microbiology</i> , 2010, 192, 307-313.	2.2	52
26	Molecular characterization of a $\beta$ -1,4-endoglucanase from an endophytic <i>Bacillus pumilus</i> strain. <i>Applied Microbiology and Biotechnology</i> , 2005, 68, 57-65.	3.6	51
27	Archaeal communities in the sediments of three contrasting mangroves. <i>Journal of Soils and Sediments</i> , 2011, 11, 1466-1476.	3.0	50
28	Rapid, specific and quantitative assays for the detection of the endophytic bacterium <i>Methylobacterium mesophilicum</i> in plants. <i>Journal of Microbiological Methods</i> , 2006, 65, 535-541.	1.6	48
29	Bacteriosomes in axenic plants: endophytes as stable endosymbionts. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 1757-1764.	3.6	47
30	Transmission of <i>Methylobacterium mesophilicum</i> by <i>Bucephalagonia xanthophis</i> for paratransgenic control strategy of Citrus variegated chlorosis. <i>Journal of Microbiology</i> , 2009, 47, 448-454.	2.8	47
31	Phylogenetic diversity of endophytic leaf fungus isolates from the medicinal tree <i>Trichilia elegans</i> (Meliaceae). <i>Genetics and Molecular Research</i> , 2012, 11, 2513-2522.	0.2	46
32	Culture-Independent Assessment of Rhizobiales-Related Alphaproteobacteria and the Diversity of <i>Methylobacterium</i> in the Rhizosphere and Rhizoplane of Transgenic Eucalyptus. <i>Microbial Ecology</i> , 2009, 57, 82-93.	2.8	44
33	Abundance and Genetic Diversity of <i>nifH</i> Gene Sequences in Anthropogenically Affected Brazilian Mangrove Sediments. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7960-7967.	3.1	44
34	Diversity of endophytic enterobacteria associated with different host plants. <i>Journal of Microbiology</i> , 2008, 46, 373-379.	2.8	42
35	Diversity of endophytic yeasts from sweet orange and their localization by scanning electron microscopy. <i>Journal of Basic Microbiology</i> , 2009, 49, 441-451.	3.3	42
36	Horizontal transfer and hypovirulence associated with double-stranded RNA in <i>Beauveria bassiana</i> . <i>Mycological Research</i> , 2006, 110, 1475-1481.	2.5	38

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37	Variability and interactions between endophytic bacteria and fungi isolated from leaf tissues of citrus rootstocks. <i>Canadian Journal of Microbiology</i> , 2001, 47, 229-236.	1.7	37
38	Genetically modified crops: environmental and human health concerns. <i>Mutation Research - Reviews in Mutation Research</i> , 2003, 544, 223-233.	5.5	35
39	Production of extracellular enzymes by isolates of <i>Metarhizium anisopliae</i> . <i>Journal of Invertebrate Pathology</i> , 1981, 38, 1-3.	3.2	31
40	Eucalyptus growth promotion by endophytic <i>Bacillus</i> spp. <i>Genetics and Molecular Research</i> , 2012, 11, 3711-3720.	0.2	31
41	The foliar fungal endophytes of <i>Citrus limon</i> in Argentina. <i>Canadian Journal of Botany</i> , 2005, 83, 350-355.	1.1	29
42	Endophytic Fungi of <i>Stylosanthes</i> : A First Report. <i>Mycologia</i> , 1993, 85, 362.	1.9	28
43	Endophytic <i>Methylobacterium extorquens</i> expresses a heterologous $\beta$ -1,4-endoglucanase A (EglA) in <i>Catharanthus roseus</i> seedlings, a model host plant for <i>Xylella fastidiosa</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 1475-1481.	3.6	26
44	Genetic transformation of <i>Diaporthe phaseolorum</i> , an endophytic fungus found in mangrove forests, mediated by <i>Agrobacterium tumefaciens</i> . <i>Current Genetics</i> , 2012, 58, 21-33.	1.7	26
45	Endophytic and entomopathogenic strains of <i>Beauveria</i> sp to control the bovine tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>Genetics and Molecular Research</i> , 2010, 9, 1421-1430.	0.2	26
46	Endophytic and pathogenic isolates of the cacao fungal pathogen <i>Moniliophthora perniciosa</i> (Tricholomataceae) are indistinguishable based on genetic and physiological analysis. <i>Genetics and Molecular Research</i> , 2011, 10, 326-334.	0.2	25
47	Protoplast fusion and genetic recombination in <i>Metarhizium anisopliae</i> . <i>Enzyme and Microbial Technology</i> , 1987, 9, 149-152.	3.2	23
48	Specific plant induced biofilm formation in <i>Methylobacterium</i> species. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 878-883.	2.0	23
49	Control of <i>Diatraea saccharalis</i> by the endophytic <i>Pantoea agglomerans</i> 33.1 expressing cry1Ac7. <i>Archives of Microbiology</i> , 2014, 196, 227-234.	2.2	21
50	RAPD profile and antibiotic susceptibility of <i>Xylella fastidiosa</i> , causal agent of citrus variegated chlorosis. <i>Letters in Applied Microbiology</i> , 2001, 33, 302-306.	2.2	20
51	Direct RAPD evaluation of bacteria without conventional DNA extraction. <i>Brazilian Archives of Biology and Technology</i> , 2004, 47, 375-380.	0.5	20
52	Bacterial community in the rhizosphere and rhizoplane of wild type and transgenic eucalyptus. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 1065-1073.	3.6	20
53	Ambient pH-regulated enzyme secretion in endophytic and pathogenic isolates of the fungal genus <i>Colletotrichum</i> . <i>Scientia Agricola</i> , 2004, 61, 298-302.	1.2	19
54	Disruption of <i>Xylella fastidiosa</i> CVCgumBandgumFgenes affects biofilm formation without a detectable influence on exopolysaccharide production. <i>FEMS Microbiology Letters</i> , 2006, 257, 236-242.	1.8	19

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55	Enzymatic differences between the endophyte <i>Guignardia mangiferae</i> (Botryosphaeriaceae) and the citrus pathogen <i>G. citricarpa</i> . <i>Genetics and Molecular Research</i> , 2011, 10, 243-252.	0.2	18
56	In silico analysis of diverse endophytic fungi by using ITS1-5,8S-ITS2 sequences with isolates from various plant families in Brazil. <i>Genetics and Molecular Research</i> , 2013, 12, 935-950.	0.2	18
57	Capillary electrophoresis-mass spectrometry of citrus endophytic bacteria siderophores. <i>Electrophoresis</i> , 2006, 27, 2567-2574.	2.4	17
58	Acaricidal activity of <i>Palicourea marcgravii</i> , a species from the Amazon forest, on cattle tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Parasitology</i> , 2011, 179, 189-194.	1.8	17
59	RAPD analyses of recombination processes in the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Mycological Research</i> , 2003, 107, 1069-1074.	2.5	16
60	Resistance and mitotic instability to chloroneb and 1,4-oxathiin in <i>Aspergillus nidulans</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1977, 48, 163-172.	1.0	15
61	Selection for breed-specific growth hormone and IGF-I alleles in a synthetic beef cattle cross, Canchim. <i>Genetics and Molecular Biology</i> , 1999, 22, 531-537.	1.3	15
62	Co-transformation of a tropical maize endophytic isolate of <i>Fusarium verticillioides</i> (synonym F.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.3	15
63	Re-evaluation of antibiotic and mercury resistance in <i>Escherichia coli</i> populations isolated in 1978 from Amazonian rubber tree tappers and Indians. <i>Research in Microbiology</i> , 1999, 150, 407-411.	2.1	14
64	Caracterizaçãõ da comunidade bacteriana endofãtica de citros por isolamento, PCR especãfico e DGGE. <i>Pesquisa Agropecuaria Brasileira</i> , 2006, 41, 637-642.	0.9	14
65	The effect of different growth regimes on the endophytic bacterial communities of the fern, <i>Dicksonia sellowiana hook</i> (Dicksoniaceae). <i>Brazilian Journal of Microbiology</i> , 2010, 41, 956-965.	2.0	13
66	A Novel Multifunctional $\hat{2}$ -N-Acetylhexosaminidase Revealed through Metagenomics of an Oil-Spilled Mangrove. <i>Bioengineering</i> , 2017, 4, 62.	3.5	13
67	<i>Colletotrichum sublineolum</i> genetic instability assessed by mutants resistant to chlorate. <i>Mycological Research</i> , 2007, 111, 93-105.	2.5	11
68	Endophytic population of <i>Pantoea agglomerans</i> in citrus plants and development of a cloning vector for endophytes. <i>Journal of Basic Microbiology</i> , 2008, 48, 338-346.	3.3	10
69	Colonization of Madagascar periwinkle ( <i>Catharanthus roseus</i> ), by endophytes encoding gfp marker. <i>Archives of Microbiology</i> , 2013, 195, 483-489.	2.2	9
70	LC50 of the Peptide Produced by the Entomopathogenic Fungus <i>Nomuraea rileyi</i> (Farlow) Samson Active Against Third Instar Larvae of <i>Anticarsia gemmatalis</i> (Lep.: Noctuidae). <i>Brazilian Archives of Biology and Technology</i> , 2002, 45, 269-275.	0.5	8
71	Bioassay assessment of <i>metarhizium anisopliae</i> (metchnikoff) sorokin (deuteromycota: hyphomycetes) against <i>Oncometopia facialis</i> (signoret) (hemiptera: cicadellidae). <i>Brazilian Journal of Microbiology</i> , 2008, 39, 128-132.	2.0	8
72	Recessive lethals induced by nitrous acid in <i>Aspergillus nidulans</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1970, 10, 111-117.	1.0	7

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73	Effects of ethidium bromide in diploid and duplication strains of <i>Aspergillus nidulans</i> . <i>Experientia</i> , 1977, 33, 311-312.	1.2	7
74	Detection of point-mutation mutagens in <i>Aspergillus nidulans</i> : Comparison of methionine suppressors and arginine resistance induction by fungicides. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1987, 176, 29-35.	1.0	7
75	Genetic variability in regenerated <i>Metarhizium flavoviride</i> protoplasts. <i>Brazilian Archives of Biology and Technology</i> , 2004, 47, 1-6.	0.5	7
76	Identification and isolation of full-length cDNA sequences by sequencing and analysis of expressed sequence tags from guarana ( <i>Paullinia cupana</i> ). <i>Genetics and Molecular Research</i> , 2011, 10, 1188-1199.	0.2	7
77	Colonization of rice and <i>Spodoptera frugiperda</i> J.E. Smith (Lepidoptera: Noctuidae) larvae by genetically modified endophytic <i>Methylobacterium mesophilicum</i> . <i>Neotropical Entomology</i> , 2010, 39, 308-310.	1.2	6
78	Characterization of <i>Beauveria bassiana</i> , <i>Metarhizium anisopliae</i> and <i>Aspergillus nidulans</i> through electrophoretic patterns of their protein fractions. <i>Journal of Bioscience and Bioengineering</i> , 1996, 82, 89-92.	0.9	4
79	Molecular characterization by amplified ribosomal DNA restriction analysis and antimicrobial potential of endophytic fungi isolated from <i>Luehea divaricata</i> (Malvaceae) against plant pathogenic fungi and pathogenic bacteria. <i>Genetics and Molecular Research</i> , 2013, 12, 5072-5084.	0.2	4
80	Resistance to ethidium bromide in <i>Aspergillus nidulans</i> . <i>Experientia</i> , 1979, 35, 307-308.	1.2	3
81	Two-way selection of mutants and revertants to chloroneb resistance in <i>Aspergillus nidulans</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 96, 31-39.	1.0	3
82	Pulsed field gel electrophoresis reveals chromosome length and number differences in Brazilian strains of <i>Metarhizium Anisopliae</i> . <i>Brazilian Archives of Biology and Technology</i> , 2005, 48, 1-6.	0.5	3
83	Redução dos sintomas causados pela <i>Xylella fastidiosa</i> subsp. <i>pauca</i> por meio de aplicação de benzotiadiazole e silício. <i>Pesquisa Agropecuária Brasileira</i> , 2007, 42, 1083-1089.	0.9	3
84	Isolation and characterization of selenate resistant mutants of <i>Acremonium chrysogenum</i> . <i>Brazilian Archives of Biology and Technology</i> , 1999, 42, 369-374.	0.5	3
85	Reversion in variants from a duplication strain a <i>Aspergillus nidulans</i> . <i>Molecular Genetics and Genomics</i> , 1978, 164, 255-258.	2.4	2
86	In situ DNA transfer to chicken embryos by biolistics. <i>Genetics and Molecular Biology</i> , 1999, 22, 525-529.	1.3	1
87	Nicotinic acid suppressors in <i>Aspergillus nidulans</i> . <i>Experientia</i> , 1974, 30, 356-358.	1.2	0
88	A biolistic process for in vitro gene transfer into chicken embryos. <i>Brazilian Journal of Medical and Biological Research</i> , 2001, 34, 1115-1124.	1.5	0
89	Pathogenicity of <i>Metarhizium anisopliae</i> towards <i>Rhipicephalus (Boophilus) microplus</i> under laboratory and field conditions. <i>African Journal of Microbiology Research</i> , 2012, 6, .	0.4	0