

Wellington Luiz Araújo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3410956/publications.pdf>

Version: 2024-02-01

112
papers

5,629
citations

76294

40
h-index

85498

71
g-index

114
all docs

114
docs citations

114
times ranked

5565
citing authors

#	ARTICLE	IF	CITATIONS
1	Onsite Wastewater Treatment Upgrade for Water Reuse in Cooling Towers and Toilets. Water (Switzerland), 2022, 14, 1612.	1.2	1
2	Potential for the Biodegradation of Atrazine Using Leaf Litter Fungi from a Subtropical Protection Area. Current Microbiology, 2021, 78, 358-368.	1.0	9
3	Biopolymer production by halotolerant bacteria isolated from Caatinga biome. Brazilian Journal of Microbiology, 2021, 52, 547-559.	0.8	5
4	Short-Term Effect in Soil Microbial Community of Two Strategies of Recovering Degraded Area in Brazilian Savanna: A Pilot Case Study. Frontiers in Microbiology, 2021, 12, 661410.	1.5	3
5	Pediocin PA-1 production by <i>Pediococcus pentosaceus</i> ET34 using non-detoxified hemicellulose hydrolysate obtained from hydrothermal pretreatment of sugarcane bagasse. Bioresource Technology, 2021, 338, 125565.	4.8	12
6	Environmental interactions are regulated by temperature in <i>Burkholderia seminalis</i> TC3.4.2R3. Scientific Reports, 2019, 9, 5486.	1.6	3
7	Biogenic <i>Aspergillus tubingensis</i> silver nanoparticlesâ€™ in vitro effects on human umbilical vein endothelial cells, normal human fibroblasts, HEPG2, and <i>Galleria mellonella</i> . Toxicology Research, 2019, 8, 789-801.	0.9	16
8	Ecological and Biotechnological Aspects of <i>Methylobacterium mesophilicum</i> . , 2019, , 87-99.		3
9	Cultivated bacterial diversity associated with the carnivorous plant <i>Utricularia breviscapa</i> (Lentibulariaceae) from floodplains in Brazil. Brazilian Journal of Microbiology, 2018, 49, 714-722.	0.8	9
10	Mass spectrometry characterization of endophytic bacterium <i>Curtobacterium</i> sp. strain ER1/6 isolated from <i>Citrus sinensis</i> . Journal of Mass Spectrometry, 2018, 53, 91-97.	0.7	5
11	Influence of water quality on diversity and composition of fungal communities in a tropical river. Scientific Reports, 2018, 8, 14799.	1.6	24
12	The biotechnological potential of <i>Epicoccum</i> spp.: diversity of secondary metabolites. Critical Reviews in Microbiology, 2018, 44, 759-778.	2.7	56
13	Potential of <i>Burkholderia seminalis</i> TC3.4.2R3 as Biocontrol Agent Against <i>Fusarium oxysporum</i> Evaluated by Mass Spectrometry Imaging. Journal of the American Society for Mass Spectrometry, 2017, 28, 901-907.	1.2	27
14	Genetically Modified Organisms in the Tropics: Challenges and Perspectives. , 2017, , 403-430.		1
15	Genome Sequence of <i>Micromonospora</i> sp. NBS 11-29, an Antibiotic and Hydrolytic Enzyme Producer, Isolated from River Sediment in Brazil. Genome Announcements, 2017, 5, .	0.8	3
16	Desorption electrospray ionization mass spectrometry imaging reveals chemical defense of <i>Burkholderia seminalis</i> against cacao pathogens. RSC Advances, 2017, 7, 29953-29958.	1.7	17
17	Endophytic bacteria isolated from ip mirim (<i>Tecoma stans</i> Bignoniaceae) and its application for plant growth promotion. African Journal of Microbiology Research, 2017, 11, 1459-1467.	0.4	0
18	The diversity of citrus endophytic bacteria and their interactions with <i>Xylella fastidiosa</i> and host plants. Genetics and Molecular Biology, 2016, 39, 476-491.	0.6	37

#	ARTICLE	IF	CITATIONS
19	Genome Mining of Endophytic <i>Streptomyces wadayamensis</i> Reveals High Antibiotic Production Capability. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	3
20	Diversity of Cultivated Fungi Associated with Conventional and Transgenic Sugarcane and the Interaction between Endophytic <i>Trichoderma virens</i> and the Host Plant. <i>PLoS ONE</i> , 2016, 11, e0158974.	1.1	51
21	Genome Sequencing and Transposon Mutagenesis of <i>Burkholderia seminalis</i> TC3.4.2R3 Identify Genes Contributing to Suppression of Orchid Necrosis Caused by <i>B. gladioli</i> . <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 435-446.	1.4	16
22	Draft Genome Sequence of <i>Curtobacterium</i> sp. Strain ER1/6, an Endophytic Strain Isolated from <i>Citrus sinensis</i> with Potential To Be Used as a Biocontrol Agent. <i>Genome Announcements</i> , 2016, 4, .	0.8	13
23	Microbial interactions: ecology in a molecular perspective. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 86-98.	0.8	250
24	Differential gene expression in <i>Xylella fastidiosa</i> 9a5c during co-cultivation with the endophytic bacterium <i>Methylobacterium mesophilicum</i> SR1.6/6. <i>Journal of Basic Microbiology</i> , 2015, 55, 1357-1366.	1.8	15
25	Differential expression of the <i>pr1A</i> gene in <i>Metarhizium anisopliae</i> and <i>Metarhizium acridum</i> across different culture conditions and during pathogenesis. <i>Genetics and Molecular Biology</i> , 2015, 38, 86-92.	0.6	18
26	Biotechnological and Agronomic Potential of Endophytic Pink-Pigmented Methylophilic <i>Methylobacterium</i> spp.. <i>BioMed Research International</i> , 2015, 2015, 1-19.	0.9	105
27	Endophytic bacterial diversity in the phyllosphere of Amazon <i>Paullinia cupana</i> associated with asymptomatic and symptomatic anthracnose. <i>SpringerPlus</i> , 2015, 4, 258.	1.2	55
28	Direct Protocol for Ambient Mass Spectrometry Imaging on Agar Culture. <i>Analytical Chemistry</i> , 2015, 87, 6925-6930.	3.2	44
29	Genes related to antioxidant metabolism are involved in <i>Methylobacterium mesophilicum</i> -soybean interaction. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 951-963.	0.7	11
30	First Description of Necrosis in Leaves and Pseudobulbs of <i>Oncidium</i> Orchids Caused by <i>Burkholderia gladioli</i> in São Paulo State, Brazil. <i>Plant Disease</i> , 2015, 99, 1642-1642.	0.7	4
31	METABOLIC SCREENING FOR PKS AND NRPS IN ENDOPHYTIC ACTINOBACTERIA FROM <i>Citrus reticulata</i> . <i>Quimica Nova</i> , 2015, , .	0.3	1
32	Genome Sequence of <i>Streptomyces wadayamensis</i> Strain A23, an Endophytic Actinobacterium from <i>Citrus reticulata</i> . <i>Genome Announcements</i> , 2014, 2, .	0.8	10
33	Genome Sequence of <i>Streptomyces olindensis</i> DAUFPE 5622, Producer of the Antitumoral Anthracycline Cosmomycin D. <i>Genome Announcements</i> , 2014, 2, .	0.8	8
34	Control of <i>Diatraea saccharalis</i> by the endophytic <i>Pantoea agglomerans</i> 33.1 expressing <i>cry1Ac7</i> . <i>Archives of Microbiology</i> , 2014, 196, 227-234.	1.0	21
35	Bacterial community associated with traps of the carnivorous plants <i>Utricularia hydrocarpa</i> and <i>Genlisea filiformis</i> . <i>Aquatic Botany</i> , 2014, 116, 8-12.	0.8	21
36	Colonization of Madagascar periwinkle (<i>Catharanthus roseus</i>), by endophytes encoding <i>gfp</i> marker. <i>Archives of Microbiology</i> , 2013, 195, 483-489.	1.0	9

#	ARTICLE	IF	CITATIONS
37	Agrobacterium-mediated transformation of <i>Guignardia citricarpa</i> : An efficient tool to gene transfer and random mutagenesis. <i>Fungal Biology</i> , 2013, 117, 556-568.	1.1	12
38	Draft Genome Sequence of <i>Methylobacterium mesophilicum</i> Strain SR1.6/6, Isolated from <i>Citrus sinensis</i> . <i>Genome Announcements</i> , 2013, 1, .	0.8	7
39	<i>Methylobacterium</i> -plant interaction genes regulated by plant exudate and quorum sensing molecules. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 1331-1339.	0.8	39
40	Microsatellite markers developed for <i>Utricularia reniformis</i> (Lentibulariaceae). <i>American Journal of Botany</i> , 2012, 99, e375-8.	0.8	7
41	Sugarcane Growth Promotion by the Endophytic Bacterium <i>Pantoea agglomerans</i> 33.1. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7511-7518.	1.4	121
42	Epicolactone – Natural Product Isolated from the Sugarcane Endophytic Fungus <i>Epicoccum nigrum</i> . <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5225-5230.	1.2	57
43	<i>Epicoccum nigrum</i> P16, a Sugarcane Endophyte, Produces Antifungal Compounds and Induces Root Growth. <i>PLoS ONE</i> , 2012, 7, e36826.	1.1	123
44	The Diversity of Endophytic Methylophilic Bacteria in an Oil-Contaminated and an Oil-Free Mangrove Ecosystem and Their Tolerance to Heavy Metals. <i>Biotechnology Research International</i> , 2012, 2012, 1-8.	1.4	34
45	of <i>Fusarium oxysporum</i> . <i>Genetics and Molecular Research</i> , 2012, 11, 4187-4197.	0.3	60
46	Analysis of 16S rRNA and <i>mxoF</i> genes revealing insights into <i>Methylobacterium</i> niche-specific plant association. <i>Genetics and Molecular Biology</i> , 2012, 35, 142-148.	0.6	26
47	Bacterial Genomes: Habitat Specificity and Uncharted Organisms. <i>Microbial Ecology</i> , 2012, 64, 1-7.	1.4	37
48	Endophytic <i>Methylobacterium extorquens</i> expresses a heterologous β -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.	1.7	26
49	The Diversity of Polyketide Synthase Genes from Sugarcane-Derived Fungi. <i>Microbial Ecology</i> , 2012, 63, 565-577.	1.4	12
50	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.	0.8	26
51	RNA Interference of Endochitinases in the Sugarcane Endophyte <i>Trichoderma virens</i> 223 Reduces Its Fitness as a Biocontrol Agent of Pineapple Disease. <i>PLoS ONE</i> , 2012, 7, e47888.	1.1	36
52	Characterization of a small cryptic plasmid from endophytic <i>Pantoea agglomerans</i> and its use in the construction of an expression vector. <i>Genetics and Molecular Biology</i> , 2011, 34, 103-109.	0.6	4
53	Specific plant induced biofilm formation in <i>Methylobacterium</i> species. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 878-883.	0.8	23
54	Differential expression of genes involved in entomopathogenicity of the fungi <i>Metarhizium anisopliae</i> var. <i>anisopliae</i> and <i>M. anisopliae</i> var. <i>acridum</i> (Clavicipitaceae). <i>Genetics and Molecular Research</i> , 2011, 10, 769-778.	0.3	2

#	ARTICLE	IF	CITATIONS
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.	0.3	18
56	Effects of the herbicides acetochlor and metolachlor on antioxidant enzymes in soil bacteria. <i>Process Biochemistry</i> , 2011, 46, 1186-1195.	1.8	64
57	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.	0.3	25
58	Polyphasic Analysis of Intraspecific Diversity in <i>Epicoccum nigrum</i> Warrants Reclassification into Separate Species. <i>PLoS ONE</i> , 2011, 6, e14828.	1.1	49
59	Endophytic Bacteria Associated to Sharpshooters (Hemiptera: Cicadellidae), Insect Vectors of <i>Xylella fastidiosa</i> Subsp. <i>pauca</i> . <i>Journal of Plant Pathology & Microbiology</i> , 2011, 02, .	0.3	7
60	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.	1.0	52
61	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.	0.7	113
62	The bacterial diversity in a Brazilian non-disturbed mangrove sediment. <i>Antonie Van Leeuwenhoek</i> , 2010, 98, 541-551.	0.7	61
63	Genetic diversity and plant-growth related features of <i>Burkholderia</i> spp. from sugarcane roots. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1829-1836.	1.7	66
64	Bacterial soil community in a Brazilian sugarcane field. <i>Plant and Soil</i> , 2010, 336, 337-349.	1.8	16
65	The effect of different growth regimes on the endophytic bacterial communities of the fern, <i>Dicksonia sellowiana</i> hook (Dicksoniaceae). <i>Brazilian Journal of Microbiology</i> , 2010, 41, 956-965.	0.8	13
66	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.	0.5	6
67	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.	0.3	26
68	The effect of different growth regimes on the endophytic bacterial communities of the fern, <i>Dicksonia sellowiana</i> hook (Dicksoniaceae). <i>Brazilian Journal of Microbiology</i> , 2010, 41, 956-65.	0.8	1
69	Assessing the diversity of bacterial communities associated with plants. <i>Brazilian Journal of Microbiology</i> , 2009, 40, 417-432.	0.8	78
70	Genetic variability of Brazilian isolates of <i>Alternaria alternata</i> detected by AFLP and RAPD techniques. <i>Brazilian Journal of Microbiology</i> , 2009, 40, 670-677.	0.8	13
71	Diversity of endophytic yeasts from sweet orange and their localization by scanning electron microscopy. <i>Journal of Basic Microbiology</i> , 2009, 49, 441-451.	1.8	42
72	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.	1.7	159

#	ARTICLE	IF	CITATIONS
73	Diversity and biotechnological potential of culturable bacteria from Brazilian mangrove sediment. World Journal of Microbiology and Biotechnology, 2009, 25, 1305-1311.	1.7	79
74	Bacterial community in the rhizosphere and rhizoplane of wild type and transgenic eucalyptus. World Journal of Microbiology and Biotechnology, 2009, 25, 1065-1073.	1.7	20
75	Transmission of <i>Methylobacterium mesophilicum</i> by <i>Bucephalagonia xanthophis</i> for paratransgenic control strategy of Citrus variegated chlorosis. Journal of Microbiology, 2009, 47, 448-454.	1.3	47
76	Culture-Independent Assessment of Rhizobiales-Related Alphaproteobacteria and the Diversity of <i>Methylobacterium</i> in the Rhizosphere and Rhizoplane of Transgenic Eucalyptus. Microbial Ecology, 2009, 57, 82-93.	1.4	44
77	Long-Chain Acyl-Homoserine Lactones from <i>Methylobacterium mesophilicum</i> : Synthesis and Absolute Configuration. Journal of Natural Products, 2009, 72, 2125-2129.	1.5	34
78	Endophytic Colonization of Potato (<i>Solanum tuberosum</i> L.) by a Novel Competent Bacterial Endophyte, <i>Pseudomonas putida</i> Strain P9, and Its Effect on Associated Bacterial Communities. Applied and Environmental Microbiology, 2009, 75, 3396-3406.	1.4	95
79	Characterization of an endophytic bacterial community associated with Eucalyptus spp. Genetics and Molecular Research, 2009, 8, 1408-1422.	0.3	73
80	Diversity of endophytic enterobacteria associated with different host plants. Journal of Microbiology, 2008, 46, 373-379.	1.3	42
81	Transgenic tobacco revealing altered bacterial diversity in the rhizosphere during early plant development. Antonie Van Leeuwenhoek, 2008, 93, 415-424.	0.7	53
82	Endophytic population of <i>Pantoea agglomerans</i> in citrus plants and development of a cloning vector for endophytes. Journal of Basic Microbiology, 2008, 48, 338-346.	1.8	10
83	Diversity of endophytic bacteria from <i>Eucalyptus</i> species seeds and colonization of seedlings by <i>Pantoea agglomerans</i> . FEMS Microbiology Letters, 2008, 287, 8-14.	0.7	194
84	Chitinolytic activity of endophytic <i>Streptomyces</i> and potential for biocontrol. Letters in Applied Microbiology, 2008, 47, 486-491.	1.0	104
85	Detection of siderophores in endophytic bacteria <i>Methylobacterium</i> spp. associated with <i>Xylella fastidiosa</i> subsp. <i>pauca</i> . Pesquisa Agropecuaria Brasileira, 2008, 43, 521-528.	0.9	57
86	Diversity of Cultivated Endophytic Bacteria from Sugarcane: Genetic and Biochemical Characterization of <i>Burkholderia cepacia</i> Complex Isolates. Applied and Environmental Microbiology, 2007, 73, 7259-7267.	1.4	190
87	Resistência a benzimidazóis por <i>Guignardia citricarpa</i> . Pesquisa Agropecuaria Brasileira, 2007, 42, 323-327.	0.9	16
88	Genetic variability and vegetative compatibility of <i>Erythricium salmonicolor</i> isolates. Scientia Agricola, 2007, 64, 162-168.	0.6	5
89	<i>Colletotrichum sublineolum</i> genetic instability assessed by mutants resistant to chlorate. Mycological Research, 2007, 111, 93-105.	2.5	11
90	Evaluation of endophytic colonization of <i>Citrus sinensis</i> and <i>Catharanthus roseus</i> seedlings by endophytic bacteria. Journal of Microbiology, 2007, 45, 11-4.	1.3	15

#	ARTICLE	IF	CITATIONS
91	The endophyte <i>Curtobacterium flaccumfaciens</i> reduces symptoms caused by <i>Xylella fastidiosa</i> in <i>Catharanthus roseus</i> . <i>Journal of Microbiology</i> , 2007, 45, 388-93.	1.3	58
92	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.	0.8	53
93	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.	0.7	48
94	Structural Elucidation and Biological Activity of Acyl-homoserine Lactones from the Phytopathogen <i>Pantoea ananatis</i> Serrano 1928. <i>Journal of Chemical Ecology</i> , 2006, 32, 1769-1778.	0.9	39
95	Capillary electrophoresis-mass spectrometry of citrus endophytic bacteria siderophores. <i>Electrophoresis</i> , 2006, 27, 2567-2574.	1.3	17
96	Caracterização da comunidade bacteriana endofítica de citros por isolamento, PCR específico e DGGE. <i>Pesquisa Agropecuária Brasileira</i> , 2006, 41, 637-642.	0.9	14
97	The biology and potential for genetic research of transposable elements in filamentous fungi. <i>Genetics and Molecular Biology</i> , 2005, 28, 804-813.	0.6	11
98	Molecular characterization of a β -1,4-endoglucanase from an endophytic <i>Bacillus pumilus</i> strain. <i>Applied Microbiology and Biotechnology</i> , 2005, 68, 57-65.	1.7	51
99	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.	1.8	128
100	Acyl-homoserine Lactones from <i>Erwinia psidii</i> R. IBSBF 435T, a Guava Phytopathogen (<i>Psidium guajava</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6262-6265.	2.4	24
101	Diversity of endophytic fungal community of cacao (<i>Theobroma cacao</i> L.) and biological control of <i>Crinipellis pernicios</i> , causal agent of Witches' Broom Disease. <i>International Journal of Biological Sciences</i> , 2005, 1, 24-33.	2.6	216
102	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.	0.6	19
103	Isolation and characterization of soybean-associated bacteria and their potential for plant growth promotion. <i>Environmental Microbiology</i> , 2004, 6, 1244-1251.	1.8	583
104	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.	1.0	133
105	Direct RAPD evaluation of bacteria without conventional DNA extraction. <i>Brazilian Archives of Biology and Technology</i> , 2004, 47, 375-380.	0.5	20
106	Impact of genetically modified <i>Enterobacter cloacae</i> on indigenous endophytic community of <i>Citrus sinensis</i> seedlings. <i>Journal of Microbiology</i> , 2004, 42, 169-73.	1.3	20
107	RAPD analyses of recombination processes in the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Mycological Research</i> , 2003, 107, 1069-1074.	2.5	16
108	Genetically modified crops: environmental and human health concerns. <i>Mutation Research - Reviews in Mutation Research</i> , 2003, 544, 223-233.	2.4	35

#	ARTICLE	IF	CITATIONS
109	Quantification of <i>Xylella fastidiosa</i> from Citrus Trees by Real-Time Polymerase Chain Reaction Assay. <i>Phytopathology</i> , 2002, 92, 1048-1054.	1.1	67
110	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.	1.4	485
111	Analysis of Bacterial Community Structure in Sulfurous-Oil-Containing Soils and Detection of Species Carrying Dibenzothiophene Desulfurization (dsz) Genes. <i>Applied and Environmental Microbiology</i> , 2001, 67, 1052-1062.	1.4	133
112	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.	1.0	20