

Mãrcio Josã© Rossi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7689848/publications.pdf>

Version: 2024-02-01

45
papers

1,169
citations

516710

16
h-index

395702

33
g-index

45
all docs

45
docs citations

45
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic insights into the plant-associated lifestyle of <i>Kosakonia radicincitans</i> MUSA4, a diazotrophic plant-growth-promoting bacterium. <i>Systematic and Applied Microbiology</i> , 2022, 45, 126303.	2.8	6
2	Fungal Polysaccharide Production for Dermatological Purposes. , 2022, , 381-412.		0
3	Eucalyptus Field Growth and Colonization of Clones Pre-Inoculated with Ectomycorrhizal Fungi. <i>Agronomy</i> , 2022, 12, 1204.	3.0	2
4	Sensing of Yeast Inactivation by Electroporation. <i>IEEE Sensors Journal</i> , 2021, , 1-1.	4.7	5
5	Multiple plant hormone catabolism activities: an adaptation to a plant-associated lifestyle by <i>Achromobacter</i> spp.. <i>Environmental Microbiology Reports</i> , 2021, 13, 533-539.	2.4	8
6	Genomic Analysis of the 1-Aminocyclopropane-1-Carboxylate Deaminase-Producing <i>Pseudomonas thivervalensis</i> SC5 Reveals Its Multifaceted Roles in Soil and in Beneficial Interactions With Plants. <i>Frontiers in Microbiology</i> , 2021, 12, 752288.	3.5	12
7	Fungal Polysaccharide Production for Dermatological Purposes. , 2021, , 1-32.		0
8	Plant growth-promoting activities and genomic analysis of the stress-resistant <i>Bacillus megaterium</i> STB1, a bacterium of agricultural and biotechnological interest. <i>Biotechnology Reports (Amsterdam)</i> , Tj ETQq0 0 0 4gBT /Overdoek 10 Tf		
9	The extreme plant-growth-promoting properties of <i>Pantoea phytobeneficialis</i> MSR2 revealed by functional and genomic analysis. <i>Environmental Microbiology</i> , 2020, 22, 1341-1355.	3.8	29
10	Alginate gel entrapped ectomycorrhizal inoculum promoted growth of cuttings of <i>Eucalyptus</i> clones under nursery conditions. <i>Canadian Journal of Forest Research</i> , 2019, 49, 978-985.	1.7	6
11	ACC deaminase plays a major role in <i>Pseudomonas fluorescens</i> YsS6 ability to promote the nodulation of Alpha- and Betaproteobacteria rhizobial strains. <i>Archives of Microbiology</i> , 2019, 201, 817-822.	2.2	44
12	Isolation and characterization of novel soil- and plant-associated bacteria with multiple phytohormone-degrading activities using a targeted methodology. <i>Access Microbiology</i> , 2019, 1, e000053.	0.5	24
13	Exopolysaccharides from <i>Lactobacillus plantarum</i> induce biochemical and physiological alterations in tomato plant against bacterial spot. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4741-4753.	3.6	26
14	Improvement of <i>Cupriavidus taiwanensis</i> Nodulation and Plant Growth Promoting Abilities by the Expression of an Exogenous ACC Deaminase Gene. <i>Current Microbiology</i> , 2018, 75, 961-965.	2.2	9
15	The modulation of leguminous plant ethylene levels by symbiotic rhizobia played a role in the evolution of the nodulation process. <i>Heliyon</i> , 2018, 4, e01068.	3.2	12
16	Ethylene and 1-Aminocyclopropane-1-carboxylate (ACC) in Plant-Bacterial Interactions. <i>Frontiers in Plant Science</i> , 2018, 9, 114.	3.6	174
17	Microbially-enriched poultry litter-derived biochar for the treatment of acid mine drainage. <i>Archives of Microbiology</i> , 2018, 200, 1227-1237.	2.2	11
18	Selection and characterization of coal mine autochthonous rhizobia for the inoculation of herbaceous legumes. <i>Archives of Microbiology</i> , 2017, 199, 991-1001.	2.2	5

#	ARTICLE	IF	CITATIONS
19	Antioxidant and antibacterial potential of butia (<i>Butia catarinensis</i>) seed extracts obtained by supercritical fluid extraction. <i>Journal of Supercritical Fluids</i> , 2017, 119, 229-237.	3.2	33
20	Arbuscular mycorrhizal fungi in the growth and extraction of trace elements by <i>Chrysopogon zizanioides</i> (vetiver) in a substrate containing coal mine wastes. <i>International Journal of Phytoremediation</i> , 2017, 19, 113-120.	3.1	25
21	Transfer and consumption of oxygen during the cultivation of the ectomycorrhizal fungus <i>Rhizopogon nigrescens</i> in an airlift bioreactor. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1013-1024.	3.6	8
22	Morphological and ultrastructural characterization of the acidophilic and lipid-producer strain <i>Chlamydomonas acidophila</i> LAFIC-004 (Chlorophyta) under different culture conditions. <i>Protoplasma</i> , 2017, 254, 1385-1398.	2.1	21
23	MICORRIZAS ARBUSCULARES NO CRESCIMENTO DE LEGUMINOSAS ARBÓREAS EM SUBSTRATO CONTENDO REJEITO DE MINERAÇÃO DE CARVÃO. <i>Cerne</i> , 2016, 22, 181-188.	0.9	4
24	Non-specific transient mutualism between the plant parasitic nematode, <i>Bursaphelenchus xylophilus</i> , and the opportunistic bacterium <i>Serratia quinivorans</i> BXF1, a plant growth promoting pine endophyte with antagonistic effects. <i>Environmental Microbiology</i> , 2016, 18, 5265-5276.	3.8	15
25	Role of ACC Deaminase in Stress Control of Leguminous Plants. , 2016, , 179-192.		11
26	Valorization of chia (<i>Salvia hispanica</i>) seed cake by means of supercritical fluid extraction. <i>Journal of Supercritical Fluids</i> , 2016, 112, 67-75.	3.2	47
27	Apple Aminoacid Profile and Yeast Strains in the Formation of Fusel Alcohols and Esters in Cider Production. <i>Journal of Food Science</i> , 2015, 80, C1170-7.	3.1	23
28	Growth and Nutrition of Eucalypt Rooted Cuttings Promoted by Ectomycorrhizal Fungi in Commercial Nurseries. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 1554-1565.	1.3	8
29	Fungal Cultivation and Production of Polysaccharides. , 2015, , 377-416.		1
30	In vitro EVALUATION OF EUCALYPTUS ECTOMYCORRHIZAE ON SUBSTRATE WITH PHOSPHORUS DOSES FOR FUNGAL PRE-SELECTION. <i>Revista Arvore</i> , 2015, 39, 127-136.	0.5	5
31	<i>Pisolithus</i> sp. tolerance to glyphosate and isoxaflutole in vitro. <i>Revista Arvore</i> , 2014, 38, 461-468.	0.5	2
32	New Insights into 1-Aminocyclopropane-1-Carboxylate (ACC) Deaminase Phylogeny, Evolution and Ecological Significance. <i>PLoS ONE</i> , 2014, 9, e99168.	2.5	206
33	Nanofiltration of polysaccharides from <i>Agaricus subrufescens</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9993-10002.	3.6	12
34	Production of polysaccharide from <i>Agaricus subrufescens</i> Peck on solid-state fermentation. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 123-133.	3.6	12
35	<i>In Vivo</i> Anti-Herpes Simplex Virus Activity of a Sulfated Derivative of <i>Agaricus brasiliensis</i> Mycelial Polysaccharide. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2541-2549.	3.2	48
36	Characterization and cytotoxic activity of sulfated derivatives of polysaccharides from <i>Agaricus brasiliensis</i> . <i>International Journal of Biological Macromolecules</i> , 2013, 57, 265-272.	7.5	43

#	ARTICLE	IF	CITATIONS
37	Tolerância de fungos ectomicorrízicos e plantas associadas a níveis tóxicos de metais. Revista Arvore, 2013, 37, 825-833.	0.5	7
38	Systematics of the <i>Gomphales</i> : the genus <i>Gomphus</i> sensu stricto. Mycotaxon, 2012, 120, 385-400.	0.3	8
39	An efficient technique for in vitro preservation of <i>Agaricus subrufescens</i> (=A. brasiliensis). Annals of Microbiology, 2012, 62, 1279-1285.	2.6	11
40	Mass separation and in vitro immunological activity of membrane-fractionated polysaccharides from fruiting body and mycelium of <i>Agaricus subrufescens</i> . Biotechnology and Bioprocess Engineering, 2012, 17, 804-811.	2.6	14
41	Determination of Oxygen Solubility in Liquid Media. ISRN Chemical Engineering, 2012, 2012, 1-5.	1.2	37
42	Antiherpetic activity of a sulfated polysaccharide from <i>Agaricus brasiliensis</i> mycelia. Antiviral Research, 2011, 92, 108-114.	4.1	75
43	Growth of the Ectomycorrhizal Fungus <i>Pisolithus Microcarpus</i> in different nutritional conditions. Brazilian Journal of Microbiology, 2011, 42, 624-32.	2.0	3
44	Viability and infectivity of an ectomycorrhizal inoculum produced in an airlift bioreactor and immobilized in calcium alginate. Brazilian Journal of Microbiology, 2006, 37, .	2.0	6
45	Inoculum production of the ectomycorrhizal fungus <i>Pisolithus microcarpus</i> in an airlift bioreactor. Applied Microbiology and Biotechnology, 2002, 59, 175-181.	3.6	28