

Tiago Domingues Zucchi

List of Publications by Year in descending order

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61
papers

1,249
citations

394421

19
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434195

31
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61
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61
docs citations

61
times ranked

1532
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening of Brazilian cacti rhizobacteria for plant growth promotion under drought. <i>Microbiological Research</i> , 2013, 168, 183-191.	5.3	215
2	<i>Verrucosipora maris</i> sp. nov., a novel deep-sea actinomycete isolated from a marine sediment which produces abyssomicins. <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 185-193.	1.7	63
3	<i>Streptomyces</i> sp. ASBV-1 reduces aflatoxin accumulation by <i>Aspergillus parasiticus</i> in peanut grains. <i>Journal of Applied Microbiology</i> , 2008, 105, 2153-2160.	3.1	50
4	Isolation and characterization of actinobacteria ectosymbionts from <i>Acromyrmex subterraneus brunneus</i> (Hymenoptera, Formicidae). <i>Microbiological Research</i> , 2011, 166, 68-76.	5.3	48
5	Biological control of phytopathogenic fungi by endophytic actinomycetes isolated from maize (<i>Zea mays</i>) Tj ETQq1 1 0.784314 rggBT /Overl	0.5	39
6	Characterization of lipopeptides from <i>Paenibacillus</i> sp. (IIRAC30) suppressing <i>Rhizoctonia solani</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 2241-2247.	3.6	35
7	Biological control of mycotoxin-producing molds. <i>Ciencia E Agrotecnologia</i> , 2012, 36, 483-497.	1.5	31
8	Genomic and chemical insights into biosurfactant production by the mangrove-derived strain <i>Bacillus safensis</i> CCMA-560. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3155-3167.	3.6	30
9	Functional analysis of a mitochondrial phosphopantetheinyl transferase (PPTase) gene pptB in <i>Aspergillus fumigatus</i> . <i>Fungal Genetics and Biology</i> , 2011, 48, 456-464.	2.1	27
10	<i>Streptomyces cocklensis</i> sp. nov., a dioxamycin-producing actinomycete. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 279-283.	1.7	27
11	The gastric caeca of pentatomids as a house for actinomycetes. <i>BMC Microbiology</i> , 2012, 12, 101.	3.3	27
12	<i>Chromobacterium amazonense</i> sp. nov. isolated from water samples from the Rio Negro, Amazon, Brazil. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1057-1063.	1.7	26
13	<i>Amycolatopsis thermophila</i> sp. nov. and <i>Amycolatopsis viridis</i> sp. nov., thermophilic actinomycetes isolated from arid soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 168-172.	1.7	25
14	<i>Verrucosipora fiedleri</i> sp. nov., an actinomycete isolated from a fjord sediment which synthesizes proximicins. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 493-502.	1.7	25
15	Classification of thermophilic actinobacteria isolated from arid desert soils, including the description of <i>Amycolatopsis deserti</i> sp. nov.. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 319-334.	1.7	25
16	Draft Genome Sequence of <i>Komagataeibacter rhaeticus</i> Strain AF1, a High Producer of Cellulose, Isolated from Kombucha Tea. <i>Genome Announcements</i> , 2014, 2, .	0.8	24
17	Mitotic crossing-over induced by two commercial herbicides in diploid strains of the fungus <i>Aspergillus nidulans</i> . <i>Genetics and Molecular Research</i> , 2010, 9, 231-238.	0.2	24
18	<i>Amycolatopsis granulosa</i> sp. nov., <i>Amycolatopsis ruanii</i> sp. nov. and <i>Amycolatopsis thermalba</i> sp. nov., thermophilic actinomycetes isolated from arid soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1245-1251.	1.7	23

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19	<i>Streptomyces araujoniae</i> Produces a Multiantibiotic Complex with Ionophoric Properties to Control <i>Botrytis cinerea</i> . <i>Phytopathology</i> , 2014, 104, 1298-1305.	2.2	23
20	<i>Amycolatopsis bartoniae</i> sp. nov. and <i>Amycolatopsis bullii</i> sp. nov., mesophilic actinomycetes isolated from arid Australian soils. <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 91-98.	1.7	22
21	Characterization of a thermotolerant laccase produced by <i>Streptomyces</i> sp. SB086. <i>Annals of Microbiology</i> , 2014, 64, 1363-1369.	2.6	22
22	<i>Actinomadura xylanilytica</i> sp. nov., an actinomycete isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 576-580.	1.7	21
23	<i>Gordonia didemni</i> sp. nov. an actinomycete isolated from the marine ascidium <i>Didemnum</i> sp.. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 297-303.	1.7	21
24	Secondary metabolites produced by <i>Propionicimonas</i> sp. (ENT-18) induce histological abnormalities in the sclerotia of <i>Sclerotinia sclerotiorum</i> . <i>BioControl</i> , 2010, 55, 811-819.	2.0	18
25	<i>Streptomyces brevispora</i> sp. nov. and <i>Streptomyces laculatispora</i> sp. nov., actinomycetes isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 478-483.	1.7	18
26	<i>Streptomyces araujoniae</i> sp. nov.: an actinomycete isolated from a potato tubercle. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 1235-1244.	1.7	18
27	<i>Marmoricola aquaticus</i> sp. nov., an actinomycete isolated from a marine sponge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2286-2291.	1.7	18
28	Dereplication of <i>Streptomyces</i> sp. AMC 23 polyether ionophore antibiotics by accurate-mass electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1117-1126.	1.6	17
29	<i>Streptomyces atlanticus</i> sp. nov., a novel actinomycete isolated from marine sponge <i>Aplysina fulva</i> (Pallas, 1766). <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1467-1474.	1.7	17
30	Host-Symbiont Interactions for Potentially Managing Heteropteran Pests. <i>Psyche: Journal of Entomology</i> , 2012, 2012, 1-9.	0.9	16
31	Isolation and Characterization of Phytotoxic Compounds Produced by <i>Streptomyces</i> sp. AMC 23 from Red Mangrove (<i>Rhizophora mangle</i>). <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1602-1616.	2.9	16
32	<i>Rhodococcus psychrotolerans</i> sp. nov., isolated from rhizosphere of <i>Deschampsia antarctica</i> . <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 629-636.	1.7	16
33	<i>Actinospica durhamensis</i> sp. nov., isolated from a spruce forest soil. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 435-442.	1.7	15
34	<i>Williamsia spongiae</i> sp. nov., an actinomycete isolated from the marine sponge <i>Amphimedon viridis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1260-1265.	1.7	15
35	<i>Streptomyces staurosporininus</i> sp. nov., a staurosporine-producing actinomycete. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 966-970.	1.7	14
36	<i>Williamsia aurantiacus</i> sp. nov. a novel actinobacterium producer of antimicrobial compounds isolated from the marine sponge. <i>Archives of Microbiology</i> , 2019, 201, 691-698.	2.2	14

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37	<i>Saccharopolyspora spongiae</i> sp. nov., a novel actinomycete isolated from the marine sponge <i>Scopalina ruetzleri</i> (Wiedenmayer, 1977). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2019-2025.	1.7	14
38	A short-term test adapted to detect the genotoxic effects of environmental volatile pollutants (benzene fumes) using the filamentous fungus <i>Aspergillus nidulans</i> . <i>Journal of Environmental Monitoring</i> , 2005, 7, 598.	2.1	13
39	Albocycline, the main bioactive compound from <i>Propionicimonas</i> sp. ENT-18 against <i>Sclerotinia sclerotiorum</i> . <i>Industrial Crops and Products</i> , 2014, 52, 264-268.	5.2	11
40	Draft Genome Sequence of <i>Komagataeibacter intermedius</i> Strain AF2, a Producer of Cellulose, Isolated from Kombucha Tea. <i>Genome Announcements</i> , 2015, 3, .	0.8	11
41	<i>Streptomyces herbaceus</i> sp. nov., <i>Streptomyces incanus</i> sp. nov. and <i>Streptomyces pratens</i> sp. nov., isolated from the soil of a hay meadow. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1908-1913.	1.7	11
42	Mass spectrometric approaches for the identification of anthracycline analogs produced by actinobacteria. <i>Journal of Mass Spectrometry</i> , 2016, 51, 437-445.	1.6	10
43	<i>Streptomyces rhizosphaericola</i> sp. nov., an actinobacterium isolated from the wheat rhizosphere. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2431-2439.	1.7	10
44	<i>Streptomyces chlorus</i> sp. nov. and <i>Streptomyces viridis</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1728-1733.	1.7	9
45	Isolation and characterization of cellulolytic bacteria from the Stain house Lake, Antarctica. <i>Folia Microbiologica</i> , 2014, 59, 303-306.	2.3	8
46	<i>Amycolatopsis rhabdoformis</i> sp. nov., an actinomycete isolated from a tropical forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1786-1793.	1.7	8
47	Culturable bacterial diversity associated with cysts of <i>Eurhizococcus brasiliensis</i> (Hempel) (Hemiptera: Margarodidae). <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 791-797.	3.6	7
48	Antifungal Activity of <i>Pseudomonas frederiksbergensis</i> CMAA 1323 Isolated from the Antarctic Hair Grass <i>Deschampsia antarctica</i> . <i>British Microbiology Research Journal</i> , 2016, 14, 1-11.	0.2	7
49	Inorganic elements in the fat bodies of <i>Diatraea saccharalis</i> (Lepidoptera: Crambidae) larvae parasitized by <i>Cotesia flavipes</i> (Hymenoptera: Braconidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 156, 273-278.	1.6	6
50	Whole-Genome Shotgun Sequencing of <i>Rhodococcus erythropolis</i> Strain P27, a Highly Radiation-Resistant Actinomycete from Antarctica. <i>Genome Announcements</i> , 2013, 1, .	0.8	6
51	Impact of Inoculation with <i>Pseudomonas aestus</i> CMAA 1215T on the Non-target Resident Bacterial Community in a Saline Rhizosphere Soil. <i>Current Microbiology</i> , 2021, 78, 218-228.	2.2	6
52	<i>Pseudomonas aestus</i> sp. nov., a plant growth-promoting bacterium isolated from mangrove sediments. <i>Archives of Microbiology</i> , 2017, 199, 1223-1229.	2.2	5
53	Induction of mitotic crossing-over in diploid strains of <i>Aspergillus nidulans</i> using low-dose X-rays. <i>Genetics and Molecular Research</i> , 2008, 7, 467-475.	0.2	5
54	Genotoxic Potentials of Natural Products Detected by a Short-Term Test Using Diploid Strains of <i>Aspergillus nidulans</i> . <i>The Open Mycology Journal</i> , 2008, 2, 48-54.	0.8	4

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55	<i>Aspergillus nidulans</i> as a biological system to detect the genotoxic effects of mercury fumes on eukaryotes. <i>Genetics and Molecular Research</i> , 2009, 8, 404-413.	0.2	4
56	Characterization of a Î²-amylase from <i>Propionicimonas</i> sp. ENT-18 ectosymbiont of <i>Acromyrmex subterraneus brunneus</i> . <i>Annals of Microbiology</i> , 2011, 61, 985-990.	2.6	2
57	Bacterial community characterization in the soils of native and restored rainforest fragments. <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 947-957.	1.7	2
58	Draft Genome Sequence of <i>Bacillus</i> sp. Strain CMAA 1185, a Cellulolytic Bacterium Isolated from Stain House Lake, Antarctic Peninsula. <i>Genome Announcements</i> , 2015, 3, .	0.8	2
59	Tandem mass spectrometry methods to accelerate the identification of phytotoxic metabolites produced by <i>Streptomyces</i> sp. 39 PL. <i>Natural Product Research</i> , 2020, 34, 210-216.	1.8	2
60	Oligonucleotide primers for specific detection of actinobacterial laccases from superfamilies I and K. <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 391-398.	1.7	1
61	Chitin-degrading enzymes from an actinomycete ectosymbiont of <i>Acromyrmex subterraneus brunneus</i> (Hymenoptera: Formicidae). <i>Annals of Microbiology</i> , 2015, 65, 565-574.	2.6	0