

# Tiago Domingues Zucchi

## List of Publications by Citations

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61  
papers

883  
citations

16  
h-index

26  
g-index

61  
ext. papers

1,129  
ext. citations

2.5  
avg, IF

3.9  
L-index

#	Paper	IF	Citations
61	Screening of Brazilian cacti rhizobacteria for plant growth promotion under drought. <i>Microbiological Research</i> , <b>2013</b> , 168, 183-91	5.3	149
60	Verrucosipora maris sp. nov., a novel deep-sea actinomycete isolated from a marine sediment which produces abyssomicins. <i>Antonie Van Leeuwenhoek</i> , <b>2012</b> , 101, 185-93	2.1	51
59	Isolation and characterization of actinobacteria ectosymbionts from Acromyrmex subterraneus brunneus (Hymenoptera, Formicidae). <i>Microbiological Research</i> , <b>2011</b> , 166, 68-76	5.3	44
58	Streptomyces sp. ASBV-1 reduces aflatoxin accumulation by Aspergillus parasiticus in peanut grains. <i>Journal of Applied Microbiology</i> , <b>2008</b> , 105, 2153-60	4.7	37
57	Biological control of phytopathogenic fungi by endophytic actinomycetes isolated from maize ( <i>Zea mays</i> L.). <i>Brazilian Archives of Biology and Technology</i> , <b>2013</b> , 56, 948-955	1.8	30
56	Characterization of lipopeptides from Paenibacillus sp. (IIRAC30) suppressing Rhizoctonia solani. <i>World Journal of Microbiology and Biotechnology</i> , <b>2010</b> , 26, 2241-2247	4.4	28
55	Genomic and chemical insights into biosurfactant production by the mangrove-derived strain Bacillus safensis CCMA-560. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 3155-67	5.7	25
54	The gastric caeca of pentatomids as a house for actinomycetes. <i>BMC Microbiology</i> , <b>2012</b> , 12, 101	4.5	25
53	Biological control of mycotoxin-producing molds. <i>Ciencia E Agrotecnologia</i> , <b>2012</b> , 36, 483-497	1.6	24
52	Draft Genome Sequence of Komagataeibacter rhaeticus Strain AF1, a High Producer of Cellulose, Isolated from Kombucha Tea. <i>Genome Announcements</i> , <b>2014</b> , 2,		23
51	Functional analysis of a mitochondrial phosphopantetheinyl transferase (PPTase) gene pptB in Aspergillus fumigatus. <i>Fungal Genetics and Biology</i> , <b>2011</b> , 48, 456-64	3.9	23
50	Mitotic crossing-over induced by two commercial herbicides in diploid strains of the fungus Aspergillus nidulans. <i>Genetics and Molecular Research</i> , <b>2010</b> , 9, 231-8	1.2	22
49	Streptomyces cocklensis sp. nov., a dioxamycin-producing actinomycete. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 279-283	2.2	19
48	Verrucosipora fiedleri sp. nov., an actinomycete isolated from a fjord sediment which synthesizes proximicins. <i>Antonie Van Leeuwenhoek</i> , <b>2013</b> , 103, 493-502	2.1	18
47	Amycolatopsis thermophila sp. nov. and Amycolatopsis viridis sp. nov., thermophilic actinomycetes isolated from arid soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 168-172	2.2	17
46	Classification of thermophilic actinobacteria isolated from arid desert soils, including the description of Amycolatopsis deserti sp. nov. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 319-34	2.1	16
45	Chromobacterium amazonense sp. nov. isolated from water samples from the Rio Negro, Amazon, Brazil. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 107, 1057-63	2.1	16

44	Characterization of a thermotolerant laccase produced by <i>Streptomyces</i> sp. SB086. <i>Annals of Microbiology</i> , <b>2014</b> , 64, 1363-1369	3.2	15
43	<i>Streptomyces araujoniae</i> Produces a Multiantibiotic Complex with Ionophoric Properties to Control <i>Botrytis cinerea</i> . <i>Phytopathology</i> , <b>2014</b> , 104, 1298-305	3.8	15
42	Host-Symbiont Interactions for Potentially Managing Heteropteran Pests. <i>Psyche: Journal of Entomology</i> , <b>2012</b> , 2012, 1-9	0.2	15
41	Secondary metabolites produced by <i>Propionicimonas</i> sp. (ENT-18) induce histological abnormalities in the sclerotia of <i>Sclerotinia sclerotiorum</i> . <i>BioControl</i> , <b>2010</b> , 55, 811-819	2.3	15
40	<i>Gordonia didemni</i> sp. nov. an actinomycete isolated from the marine ascidium <i>Didemnum</i> sp. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 297-303	2.1	14
39	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> , <b>2013</b> , 171, 1602-16	3.2	14
38	Dereplication of <i>Streptomyces</i> sp. AMC 23 polyether ionophore antibiotics by accurate-mass electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2014</b> , 49, 1117-26	2.2	13
37	<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> , <b>2012</b> , 102, 91-8	2.1	13
36	<i>Streptomyces atlanticus</i> sp. nov., a novel actinomycete isolated from marine sponge <i>Aplysina fulva</i> (Pallas, 1766). <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 1467-1474	2.1	12
35	<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> , <b>2012</b> , 62, 1245-1251	2.2	12
34	<i>Rhodococcus psychrotolerans</i> sp. nov., isolated from rhizosphere of <i>Deschampsia antarctica</i> . <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 629-636	2.1	12
33	<i>Marmoricola aquaticus</i> sp. nov., an actinomycete isolated from a marine sponge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 2286-2291	2.2	10
32	<i>Streptomyces staurosporininus</i> sp. nov., a staurosporine-producing actinomycete. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 966-970	2.2	10
31	<i>Streptomyces araujoniae</i> sp. nov.: an actinomycete isolated from a potato tubercle. <i>Antonie Van Leeuwenhoek</i> , <b>2013</b> , 103, 1235-44	2.1	10
30	<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> , <b>2012</b> , 62, 478-483	2.2	10
29	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> , <b>2005</b> , 7, 598-602		10
28	<i>Actinomadura xylanilytica</i> sp. nov., an actinomycete isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 576-580	2.2	9
27	<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> , <b>2017</b> , 67, 1260-1265	2.2	9

26	Actinospica durhamensis sp. nov., isolated from a spruce forest soil. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 108, 435-42	2.1	8
25	Saccharopolyspora spongiae sp. nov., a novel actinomycete isolated from the marine sponge Scopalina ruetzleri (Wiedenmayer, 1977). <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 2019-2025	2.2	8
24	Draft Genome Sequence of Komagataeibacter intermedius Strain AF2, a Producer of Cellulose, Isolated from Kombucha Tea. <i>Genome Announcements</i> , <b>2015</b> , 3,		7
23	Mass spectrometric approaches for the identification of anthracycline analogs produced by actinobacteria. <i>Journal of Mass Spectrometry</i> , <b>2016</b> , 51, 437-45	2.2	7
22	Williamsia aurantiacus sp. nov. a novel actinobacterium producer of antimicrobial compounds isolated from the marine sponge. <i>Archives of Microbiology</i> , <b>2019</b> , 201, 691-698	3	7
21	Albocycline, the main bioactive compound from Propionicimonas sp. ENT-18 against Sclerotinia sclerotiorum. <i>Industrial Crops and Products</i> , <b>2014</b> , 52, 264-268	5.9	6
20	Culturable bacterial diversity associated with cysts of Eurhizococcus brasiliensis (Hempel) (Hemiptera: Margarodidae). <i>World Journal of Microbiology and Biotechnology</i> , <b>2011</b> , 27, 791-797	4.4	6
19	Inorganic elements in the fat bodies of Diatraea saccharalis (Lepidoptera: Crambidae) larvae parasitized by Cotesia flavipes (Hymenoptera: Braconidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2010</b> , 156, 273-8	2.3	6
18	Antifungal Activity of Pseudomonas frederiksbergensis CMAA 1323 Isolated from the Antarctic Hair Grass Deschampsia antarctica. <i>British Microbiology Research Journal</i> , <b>2016</b> , 14, 1-11		6
17	Isolation and characterization of cellulolytic bacteria from the Stain house Lake, Antarctica. <i>Folia Microbiologica</i> , <b>2014</b> , 59, 303-6	2.8	5
16	Pseudomonas aestus sp. nov., a plant growth-promoting bacterium isolated from mangrove sediments. <i>Archives of Microbiology</i> , <b>2017</b> , 199, 1223-1229	3	4
15	Whole-Genome Shotgun Sequencing of Rhodococcus erythropolis Strain P27, a Highly Radiation-Resistant Actinomycete from Antarctica. <i>Genome Announcements</i> , <b>2013</b> , 1,		4
14	Amycolatopsis rhabdoformis sp. nov., an actinomycete isolated from a tropical forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 1786-1793	2.2	3
13	Aspergillus nidulans as a biological system to detect the genotoxic effects of mercury fumes on eukaryotes. <i>Genetics and Molecular Research</i> , <b>2009</b> , 8, 404-13	1.2	3
12	Draft Genome Sequence of Bacillus sp. Strain CMAA 1185, a Cellulolytic Bacterium Isolated from Stain House Lake, Antarctic Peninsula. <i>Genome Announcements</i> , <b>2015</b> , 3,		2
11	Characterization of a ß-amylase from Propionicimonas sp. ENT-18 ectosymbiont of Acromyrmex subterraneus brunneus. <i>Annals of Microbiology</i> , <b>2011</b> , 61, 985-990	3.2	2
10	Genotoxic Potentials of Natural Products Detected by a Short-Term Test Using Diploid Strains of Aspergillus nidulans. <i>The Open Mycology Journal</i> , <b>2008</b> , 2, 48-54		2
9	Induction of mitotic crossing-over in diploid strains of Aspergillus nidulans using low-dose X-rays. <i>Genetics and Molecular Research</i> , <b>2008</b> , 7, 467-75	1.2	2

8	Streptomyces rhizosphaericola sp. nov., an actinobacterium isolated from the wheat rhizosphere. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2019</b> , 69, 2431-2439	2.2	2
7	Tandem mass spectrometry methods to accelerate the identification of phytotoxic metabolites produced by sp. 39 PL. <i>Natural Product Research</i> , <b>2020</b> , 34, 210-216	2.3	2
6	Impact of Inoculation with Pseudomonas aestus CMAA 1215 on the Non-target Resident Bacterial Community in a Saline Rhizosphere Soil. <i>Current Microbiology</i> , <b>2021</b> , 78, 218-228	2.4	2
5	Bacterial community characterization in the soils of native and restored rainforest fragments. <i>Antonie Van Leeuwenhoek</i> , <b>2014</b> , 106, 947-57	2.1	1
4	Oligonucleotide primers for specific detection of actinobacterial laccases from superfamilies I and K. <i>Antonie Van Leeuwenhoek</i> , <b>2014</b> , 106, 391-8	2.1	1
3	Streptomyces chlorus sp. nov. and Streptomyces viridis sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 1728-1733	2.2	1
2	Streptomyces herbaceus sp. nov., Streptomyces incanus sp. nov. and Streptomyces pratens sp. nov., isolated from the soil of a hay meadow. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 1908-1913	2.2	1
1	Chitin-degrading enzymes from an actinomycete ectosymbiont of Acromyrmex subterraneus brunneus (Hymenoptera: Formicidae). <i>Annals of Microbiology</i> , <b>2015</b> , 65, 565-574	3.2	