

Rodrigo GouvÃªa Taketani

List of Publications by Year in descending order

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52
papers

1,471
citations

430442

18
h-index

329751

37
g-index

55
all docs

55
docs citations

55
times ranked

2006
citing authors

#	ARTICLE	IF	CITATIONS
1	The Microbiome of Brazilian Mangrove Sediments as Revealed by Metagenomics. PLoS ONE, 2012, 7, e38600.	1.1	222
2	Screening of Brazilian cacti rhizobacteria for plant growth promotion under drought. Microbiological Research, 2013, 168, 183-191.	2.5	215
3	Water Regime Influences Bulk Soil and Rhizosphere of <i>Cereus jamaicaru</i> Bacterial Communities in the Brazilian Caatinga Biome. PLoS ONE, 2013, 8, e73606.	1.1	90
4	Dry Season Constrains Bacterial Phylogenetic Diversity in a Semi-Arid Rhizosphere System. Microbial Ecology, 2017, 73, 153-161.	1.4	86
5	Diversity and identification of methanogenic archaea and sulphate-reducing bacteria in sediments from a pristine tropical mangrove. Antonie Van Leeuwenhoek, 2010, 97, 401-411.	0.7	80
6	Microbial community response to a simulated hydrocarbon spill in mangrove sediments. Journal of Microbiology, 2010, 48, 7-15.	1.3	72
7	A Molecular Survey of the Diversity of Microbial Communities in Different Amazonian Agricultural Model Systems. Diversity, 2010, 2, 787-809.	0.7	64
8	The Influence of Different Land Uses on the Structure of Archaeal Communities in Amazonian Anthrosols Based on 16S rRNA and amoA Genes. Microbial Ecology, 2010, 59, 734-743.	1.4	61
9	Bacterial community composition of anthropogenic biochar and Amazonian anthrosols assessed by 16S rRNA gene 454 pyrosequencing. Antonie Van Leeuwenhoek, 2013, 104, 233-242.	0.7	61
10	Exploring the sheep rumen microbiome for carbohydrate-active enzymes. Antonie Van Leeuwenhoek, 2015, 108, 15-30.	0.7	55
11	Archaeal communities in the sediments of three contrasting mangroves. Journal of Soils and Sediments, 2011, 11, 1466-1476.	1.5	50
12	Shifts in phylogenetic diversity of archaeal communities in mangrove sediments at different sites and depths in southeastern Brazil. Research in Microbiology, 2012, 163, 366-377.	1.0	35
13	The drivers underlying biogeographical patterns of bacterial communities in soils under sugarcane cultivation. Applied Soil Ecology, 2017, 110, 12-20.	2.1	32
14	Land-use systems affect Archaeal community structure and functional diversity in western Amazon soils. Revista Brasileira De Ciencia Do Solo, 2011, 35, 1527-1540.	0.5	31
15	Analysis of bacterial composition in marine sponges reveals the influence of host phylogeny and environment. FEMS Microbiology Ecology, 2017, 93, fiw204.	1.3	31
16	Characterisation of the effect of a simulated hydrocarbon spill on diazotrophs in mangrove sediment mesocosm. Antonie Van Leeuwenhoek, 2009, 96, 343-354.	0.7	30
17	Endo- and exoglucanase activities in bacteria from mangrove sediment. Brazilian Journal of Microbiology, 2013, 44, 969-976.	0.8	27
18	Functional congruence of rhizosphere microbial communities associated to leguminous tree from Brazilian semiarid region. Environmental Microbiology Reports, 2015, 7, 95-101.	1.0	20

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19	Bacterial Succession Decreases Network Complexity During Plant Material Decomposition in Mangroves. <i>Microbial Ecology</i> , 2018, 76, 954-963.	1.4	20
20	Microbial community biogeographic patterns in the rhizosphere of two Brazilian semi-arid leguminous trees. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1233-1241.	1.7	18
21	<i>Streptomyces araujoniae</i> sp. nov.: an actinomycete isolated from a potato tubercle. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 1235-1244.	0.7	18
22	Bacterial soil community in a Brazilian sugarcane field. <i>Plant and Soil</i> , 2010, 336, 337-349.	1.8	16
23	Interspecific variation of the bacterial community structure in the phyllosphere of the three major plant components of mangrove forests. <i>Brazilian Journal of Microbiology</i> , 2012, 43, 653-660.	0.8	16
24	A Novel Multifunctional 12 -N-Acetylhexosaminidase Revealed through Metagenomics of an Oil-Spilled Mangrove. <i>Bioengineering</i> , 2017, 4, 62.	1.6	13
25	Dominance of Epsilonproteobacteria associated with a whale fall at a 4204 m depth " South Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 53-58.	0.6	11
26	Co-occurrence patterns of litter decomposing communities in mangroves indicate a robust community resistant to disturbances. <i>PeerJ</i> , 2018, 6, e5710.	0.9	11
27	The role of species turnover in structuring bacterial communities in a local scale in the cactus rhizosphere. <i>Plant and Soil</i> , 2018, 425, 101-112.	1.8	10
28	Use of plant materials for the bioremediation of soil from an industrial site. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 650-660.	0.9	8
29	Genomic analysis reveals the potential for hydrocarbon degradation of <i>Rhodopirellula</i> sp. MGV isolated from a polluted Brazilian mangrove. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1397-1404.	0.8	7
30	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
31	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.	1.0	6
32	Draft Genome Sequence of <i>Pseudomonas</i> sp. Strain CMAA 1215, a Plant Growth-Promoting Bacterium Isolated from a Brazilian Mangrove. <i>Genome Announcements</i> , 2013, 1, .	0.8	5
33	Draft Genome Sequence of <i>Bacillus thuringiensis</i> Strain BrMgv02-JM63, a Chitinolytic Bacterium Isolated from Oil-Contaminated Mangrove Soil in Brazil. <i>Genome Announcements</i> , 2014, 2, .	0.8	4
34	Draft Genome Sequence of Plant Growth-Promoting Drought-Tolerant <i>Bacillus</i> sp. Strain CMAA 1363 Isolated from the Brazilian Caatinga Biome. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
35	Diversity and Technological Aspects of Microorganisms from Semiarid Environments. , 2017, , 3-19.		3
36	Intraspecific variation on epiphytic bacterial community from <i>Laguncularia racemosa</i> phylloplane. <i>Brazilian Journal of Microbiology</i> , 2019, 50, 1041-1050.	0.8	3

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37	The unexplored bacterial lifestyle on leaf surface. Brazilian Journal of Microbiology, 2020, 51, 1233-1240.	0.8	3
38	Structure and diversity of bacterial community in semiarid soils cultivated with prickly-pear cactus (<i>Opuntia ficus-indica</i> (L.) Mill.). Anais Da Academia Brasileira De Ciencias, 2021, 93, e20190183.	0.3	3
39	Influence of the bacterioplankton community of a tropical eutrophic lagoon on the bacterial community of its neighbouring ocean. World Journal of Microbiology and Biotechnology, 2010, 26, 1865-1873.	1.7	2
40	Bacterial community characterization in the soils of native and restored rainforest fragments. Antonie Van Leeuwenhoek, 2014, 106, 947-957.	0.7	2
41	Genome Sequence of <i>Streptomyces caatingaensis</i> CMAA 1322, a New Abiotic Stress-Tolerant Actinomycete Isolated from Dried Lake Bed Sediment in the Brazilian Caatinga Biome. Genome Announcements, 2015, 3, .	0.8	2
42	Draft Genome Sequence of <i>Bacillus</i> sp. Strain CMAA 1185, a Cellulolytic Bacterium Isolated from Stain House Lake, Antarctic Peninsula. Genome Announcements, 2015, 3, .	0.8	2
43	The influence of nickel on the bioremediation of multi-component contaminated tropical soil: microcosm and batch bioreactor studies. World Journal of Microbiology and Biotechnology, 2015, 31, 1127-1135.	1.7	2
44	Higher phylogenetic diversity prevents loss of functional diversity caused by successive drying and rewetting cycles. Antonie Van Leeuwenhoek, 2018, 111, 1033-1045.	0.7	2
45	Draft Genome Sequence of <i>Rhodopirellula baltica</i> Strain BR-MGV, a Planctomycete Isolated from Brazilian Mangrove Soil. Microbiology Resource Announcements, 2018, 7, .	0.3	2
46	Use of molecular approach to verify the influence of a eutrophic lagoon in the nearby ocean's bacterioplankton communities. Brazilian Journal of Microbiology, 0, 34, .	0.8	2
47	Effect of nickel in the degradation of oil in soils contaminated with petroleum and nickel. International Journal of Advanced Engineering Research and Science, 2020, 7, 511-521.	0.0	2
48	Effect of ultraviolet-B (UV-B) radiation on bacterial community in the soybean phyllosphere. African Journal of Microbiology Research, 2014, 8, 2916-2923.	0.4	2
49	Land Management Legacy Affects Abundance and Function of the <i>acdS</i> Gene in Wheat Root Associated <i>Pseudomonads</i> . Frontiers in Microbiology, 2021, 12, 611339.	1.5	2
50	Application of extracellular polymers on soil communities exposed to oil and nickel contamination. Brazilian Journal of Microbiology, 2021, 52, 651-661.	0.8	1
51	Application of surfactants and biosurfactants in the bioremediation of multi-contaminated soils: microcosms and bench scale bioreactor trials. International Journal of Advanced Engineering Research and Science, 2019, 6, 91-98.	0.0	0
52	Editorial: Advancements in the Understanding of Anthropogenic Impacts on the Microbial Ecology and Function of Aquatic Environments. Frontiers in Microbiology, 2021, 12, 820697.	1.5	0