

# Alexandre Soares Rosado

## List of Publications by Year in descending order

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163  
papers

7,699  
citations

36303

51  
h-index

64796

79  
g-index

169  
all docs

169  
docs citations

169  
times ranked

8514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beneficial Microorganisms for Corals (BMC): Proposed Mechanisms for Coral Health and Resilience. <i>Frontiers in Microbiology</i> , 2017, 8, 341.	3.5	425
2	Bacterial diversity in rhizosphere soil from Antarctic vascular plants of Admiralty Bay, maritime Antarctica. <i>ISME Journal</i> , 2010, 4, 989-1001.	9.8	295
3	Mangrove Bacterial Diversity and the Impact of Oil Contamination Revealed by Pyrosequencing: Bacterial Proxies for Oil Pollution. <i>PLoS ONE</i> , 2011, 6, e16943.	2.5	212
4	Analysis of the Dynamics of Bacterial Communities in the Rhizosphere of the Chrysanthemum via Denaturing Gradient Gel Electrophoresis and Substrate Utilization Patterns. <i>Applied and Environmental Microbiology</i> , 1998, 64, 4950-4957.	3.1	208
5	Microbiological, technological and therapeutic properties of kefir: a natural probiotic beverage. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 341-349.	2.0	208
6	Effect of Different Operational Conditions on Biofilm Development, Nitrification, and Nitrifying Microbial Population in Moving-Bed Biofilm Reactors. <i>Environmental Science &amp; Technology</i> , 2012, 46, 1546-1555.	10.0	174
7	Ecological determinism increases with organism size. <i>Ecology</i> , 2012, 93, 1752-1759.	3.2	172
8	Microbiological and molecular biological methods for monitoring microbial inoculants and their effects in the soil environment. <i>Journal of Microbiological Methods</i> , 1998, 32, 133-154.	1.6	149
9	Effect of different salt adaptation strategies on the microbial diversity, activity, and settling of nitrifying sludge in sequencing batch reactors. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1281-1294.	3.6	148
10	Genetic Diversity of <i>nifH</i> Gene Sequences in <i>Paenibacillus azotofixans</i> Strains and Soil Samples Analyzed by Denaturing Gradient Gel Electrophoresis of PCR-Amplified Gene Fragments. <i>Applied and Environmental Microbiology</i> , 1998, 64, 2770-2779.	3.1	147
11	Analysis of Bacterial Community Structure in Sulfurous-Oil-Containing Soils and Detection of Species Carrying Dibenzothiophene Desulfurization ( <i>dsz</i> ) Genes. <i>Applied and Environmental Microbiology</i> , 2001, 67, 1052-1062.	3.1	133
12	Climate change affects key nitrogen-fixing bacterial populations on coral reefs. <i>ISME Journal</i> , 2014, 8, 2272-2279.	9.8	130
13	Brazilian Microbiome Project: Revealing the Unexplored Microbial Diversity – Challenges and Prospects. <i>Microbial Ecology</i> , 2014, 67, 237-241.	2.8	119
14	Bioremediation of Mangroves Impacted by Petroleum. <i>Water, Air, and Soil Pollution</i> , 2011, 216, 329-350.	2.4	117
15	Coral microbiome manipulation elicits metabolic and genetic restructuring to mitigate heat stress and evade mortality. <i>Science Advances</i> , 2021, 7, .	10.3	114
16	Comparing the Bacterial Diversity of Acute and Chronic Dental Root Canal Infections. <i>PLoS ONE</i> , 2011, 6, e28088.	2.5	114
17	Petroleum-Degrading Enzymes: Bioremediation and New Prospects. <i>Enzyme Research</i> , 2011, 2011, 1-7.	1.8	109
18	Investigation of bacterial communities associated with asymptomatic and symptomatic endodontic infections by denaturing gradient gel electrophoresis fingerprinting approach. <i>Oral Microbiology and Immunology</i> , 2004, 19, 363-370.	2.8	108

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19	Comparison of <i>Paenibacillus azotofixans</i> Strains Isolated from Rhizoplane, Rhizosphere, and Non-Root-Associated Soil from Maize Planted in Two Different Brazilian Soils. <i>Applied and Environmental Microbiology</i> , 1998, 64, 3860-3868.	3.1	105
20	Impact of oil spills on coral reefs can be reduced by bioremediation using probiotic microbiota. <i>Scientific Reports</i> , 2015, 5, 18268.	3.3	105
21	Probiotic Supplementation in Chronic Kidney Disease: A Double-blind, Randomized, Placebo-controlled Trial. , 2018, 28, 28-36.		98
22	Soil aggregation and bacterial community structure as affected by tillage and cover cropping in the Brazilian Cerrados. <i>Soil and Tillage Research</i> , 2006, 90, 16-28.	5.6	92
23	Extraction of ribosomal RNA and genomic DNA from soil for studying the diversity of the indigenous bacterial community.. <i>Journal of Microbiological Methods</i> , 1998, 32, 21-29.	1.6	91
24	Impact of oil contamination and biostimulation on the diversity of indigenous bacterial communities in soil microcosms. <i>FEMS Microbiology Ecology</i> , 2004, 49, 295-305.	2.7	90
25	Multicellular life cycle of magnetotactic prokaryotes. <i>FEMS Microbiology Letters</i> , 2004, 240, 203-208.	1.8	90
26	Diversity of Bacteria in the Marine Sponge <i>Aplysina fulva</i> in Brazilian Coastal Waters. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3331-3343.	3.1	88
27	Mixed plantations can promote microbial integration and soil nitrate increases with changes in the N cycling genes. <i>Soil Biology and Biochemistry</i> , 2013, 66, 146-153.	8.8	83
28	Broadcast Spawning Coral <i>Mussismilia hispida</i> Can Vertically Transfer its Associated Bacterial Core. <i>Frontiers in Microbiology</i> , 2017, 8, 176.	3.5	81
29	Bacterial Community Profiling of Cryogenically Ground Samples from the Apical and Coronal Root Segments of Teeth with Apical Periodontitis. <i>Journal of Endodontics</i> , 2009, 35, 486-492.	3.1	78
30	Identification and biodegradation potential of a novel strain of <i>Dietzia cinnamomea</i> isolated from a petroleum-contaminated tropical soil. <i>Systematic and Applied Microbiology</i> , 2007, 30, 331-339.	2.8	74
31	Biodegradation of feather waste by extracellular keratinases and gelatinases from <i>Bacillus</i> spp.. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 1355-1365.	3.6	73
32	Supplementing the Antimicrobial Effects of Chemomechanical Debridement with Either Passive Ultrasonic Irrigation or a Final Rinse with Chlorhexidine: A Clinical Study. <i>Journal of Endodontics</i> , 2012, 38, 1202-1206.	3.1	73
33	Microbial community response to a simulated hydrocarbon spill in mangrove sediments. <i>Journal of Microbiology</i> , 2010, 48, 7-15.	2.8	72
34	Oil biodegradation by <i>Bacillus</i> strains isolated from the rock of an oil reservoir located in a deep-water production basin in Brazil. <i>Applied Microbiology and Biotechnology</i> , 2006, 73, 949-959.	3.6	70
35	Extreme environments: a source of biosurfactants for biotechnological applications. <i>Extremophiles</i> , 2020, 24, 189-206.	2.3	69
36	Use of <i>rpoB</i> and 16S rRNA genes to analyse bacterial diversity of a tropical soil using PCR and DGGE. <i>Letters in Applied Microbiology</i> , 2002, 35, 316-320.	2.2	67

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37	Denaturing gradient gel electrophoresis analysis of bacterial communities associated with failed endodontic treatment. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2004, 98, 741-749.	1.4	67
38	Production of antimicrobial substances by <i>Bacillus subtilis</i> LFE-1, <i>B. firmus</i> H2O-1 and <i>B. licheniformis</i> T6-5 isolated from an oil reservoir in Brazil. <i>Journal of Applied Microbiology</i> , 2005, 98, 667-675.	3.1	67
39	Keratinases and sulfide from <i>Bacillus subtilis</i> SLC to recycle feather waste. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 1259-1269.	3.6	66
40	Apical Root Canal Microbiota as Determined by Reverse-capture Checkerboard Analysis of Cryogenically Ground Root Samples from Teeth with Apical Periodontitis. <i>Journal of Endodontics</i> , 2010, 36, 1617-1621.	3.1	64
41	Clinical antimicrobial efficacy of <i>N</i> - <i>T</i> rotary instrumentation with <i>N</i> - <i>OC</i> irrigation, final rinse with chlorhexidine and interappointment medication: a molecular study. <i>International Endodontic Journal</i> , 2013, 46, 225-233.	5.0	63
42	Production of a potentially novel anti-microbial substance by <i>Bacillus polymyxa</i> . <i>World Journal of Microbiology and Biotechnology</i> , 1993, 9, 521-528.	3.6	61
43	Bacterial community profiles of endodontic abscesses from Brazilian and USA subjects as compared by denaturing gradient gel electrophoresis analysis. <i>Oral Microbiology and Immunology</i> , 2007, 22, 14-18.	2.8	61
44	Does Low-Protein Diet Influence the Uremic Toxin Serum Levels From the Gut Microbiota in Nondialysis Chronic Kidney Disease Patients?. , 2018, 28, 208-214.		61
45	Bacterial communities reflect the spatial variation in pollutant levels in Brazilian mangrove sediment. <i>Antonie Van Leeuwenhoek</i> , 2011, 99, 341-354.	1.7	60
46	<i>Serratia</i> sp. SVGG16: a promising biosurfactant producer isolated from tropical soil during growth with ethanol-blended gasoline. <i>Process Biochemistry</i> , 2004, 39, 2277-2282.	3.7	59
47	Phenotypic and genetic diversity of <i>Paenibacillus azotofixans</i> strains isolated from the rhizoplane or rhizosphere soil of different grasses. <i>Journal of Applied Microbiology</i> , 1998, 84, 216-226.	3.1	58
48	The Combination of Different Carbon Sources Enhances Bacterial Growth Efficiency in Aquatic Ecosystems. <i>Microbial Ecology</i> , 2013, 66, 871-878.	2.8	58
49	Bacterial polycyclic aromatic hydrocarbon ring-hydroxylating dioxygenases (PAH-RHD) encoding genes in different soils from King George Bay, Antarctic Peninsula. <i>Applied Soil Ecology</i> , 2012, 55, 1-9.	4.3	57
50	Quantitative 16S rDNA-targeted polymerase chain reaction and oligonucleotide hybridization for the detection of <i>Paenibacillus azotofixans</i> in soil and the wheat rhizosphere. <i>FEMS Microbiology Ecology</i> , 1996, 19, 153-164.	2.7	55
51	Molecular Microbiological Evaluation of Passive Ultrasonic Activation as a Supplementary Disinfecting Step: A Clinical Study. <i>Journal of Endodontics</i> , 2013, 39, 190-194.	3.1	55
52	Is there interaction between gut microbial profile and cardiovascular risk in chronic kidney disease patients?. <i>Future Microbiology</i> , 2015, 10, 517-526.	2.0	54
53	Identification of Herpesviruses Types 1 to 8 and Human Papillomavirus in Acute Apical Abscesses. <i>Journal of Endodontics</i> , 2011, 37, 10-16.	3.1	53
54	The Use of a Combination of <i>alkB</i> Primers to Better Characterize the Distribution of Alkane-Degrading Bacteria. <i>PLoS ONE</i> , 2013, 8, e66565.	2.5	52

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55	Carotenoids from UV-resistant Antarctic Microbacterium sp. LEMMJ01. Scientific Reports, 2019, 9, 9554.	3.3	52
56	Keratinolytic activity of Bacillus subtilis AMR using human hair. Letters in Applied Microbiology, 2010, 50, 89-96.	2.2	49
57	Microbial diversity and anaerobic hydrocarbon degradation potential in an oil-contaminated mangrove sediment. BMC Microbiology, 2012, 12, 186.	3.3	49
58	Novel Bacterial Phylotypes in Endodontic Infections. Journal of Dental Research, 2005, 84, 565-569.	5.2	48
59	Microbial Diversity of a Brazilian Coastal Region Influenced by an Upwelling System and Anthropogenic Activity. PLoS ONE, 2011, 6, e16553.	2.5	47
60	18S rDNA Sequences from Microeukaryotes Reveal Oil Indicators in Mangrove Sediment. PLoS ONE, 2010, 5, e12437.	2.5	47
61	A decade of land use contributes to changes in the chemistry, biochemistry and bacterial community structures of soils in the Cerrado. Antonie Van Leeuwenhoek, 2010, 98, 403-413.	1.7	45
62	The Microbiome of Eucalyptus Roots under Different Management Conditions and Its Potential for Biological Nitrogen Fixation. Microbial Ecology, 2018, 75, 183-191.	2.8	45
63	Effect of Sugarcane Burning or Green Harvest Methods on the Brazilian Cerrado Soil Bacterial Community Structure. PLoS ONE, 2013, 8, e59342.	2.5	44
64	Profiling of Root Canal Bacterial Communities Associated with Chronic Apical Periodontitis from Brazilian and Norwegian Subjects. Journal of Endodontics, 2008, 34, 1457-1461.	3.1	43
65	Viral-bacterial associations in acute apical abscesses. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, 264-271.	1.4	41
66	Isolation of UVC-Tolerant Bacteria from the Hyperarid Atacama Desert, Chile. Microbial Ecology, 2013, 65, 325-335.	2.8	41
67	Use of rpoB gene analysis for identification of nitrogen-fixing Paenibacillus species as an alternative to the 16S rRNA gene. Letters in Applied Microbiology, 2004, 39, 34-40.	2.2	40
68	Bioemulsifier production by Microbacterium sp. strains isolated from mangrove and their application to remove cadmium and zinc from hazardous industrial residue. Brazilian Journal of Microbiology, 2010, 41, 235-245.	2.0	40
69	Introducing the Mangrove Microbiome Initiative: Identifying Microbial Research Priorities and Approaches To Better Understand, Protect, and Rehabilitate Mangrove Ecosystems. MSystems, 2020, 5, .	3.8	40
70	Degradation of gasoline aromatic hydrocarbons by two N <sub>2</sub> -fixing soil bacteria. Biotechnology Letters, 2002, 24, 85-89.	2.2	39
71	Tracking the dynamics of heterotrophs and nitrifiers in moving-bed biofilm reactors operated at different COD/N ratios. Bioresource Technology, 2015, 192, 131-141.	9.6	39
72	Soil bacterial community structure and soil quality in a slash-and-burn cultivation system in Southeastern Brazil. Applied Soil Ecology, 2008, 38, 100-108.	4.3	38

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73	Relationships between bacterial diversity, microbial biomass, and litter quality in soils under different plant covers in northern Rio de Janeiro State, Brazil. <i>Canadian Journal of Microbiology</i> , 2009, 55, 1089-1095.	1.7	38
74	Intercropped Silviculture Systems, a Key to Achieving Soil Fungal Community Management in Eucalyptus Plantations. <i>PLoS ONE</i> , 2015, 10, e0118515.	2.5	38
75	Distribution of alkane-degrading bacterial communities in soils from King George Island, Maritime Antarctic. <i>European Journal of Soil Biology</i> , 2012, 51, 37-44.	3.2	36
76	Plant and Bird Presence Strongly Influences the Microbial Communities in Soils of Admiralty Bay, Maritime Antarctica. <i>PLoS ONE</i> , 2013, 8, e66109.	2.5	35
77	Phenotypic and genotypic characterization of <i>Paenibacillus</i> larvae isolates. <i>Veterinary Microbiology</i> , 2007, 124, 178-183.	1.9	34
78	Distribution of serotypes and evaluation of antimicrobial susceptibility among human and bovine <i>Streptococcus agalactiae</i> strains isolated in Brazil between 1980 and 2006. <i>Brazilian Journal of Infectious Diseases</i> , 2013, 17, 131-136.	0.6	34
79	On the use of denaturing gradient gel electrophoresis approach for bacterial identification in endodontic infections. <i>Clinical Oral Investigations</i> , 2007, 11, 127-132.	3.0	33
80	Bacterial structure and characterization of plant growth promoting and oil degrading bacteria from the rhizospheres of mangrove plants. <i>Journal of Microbiology</i> , 2011, 49, 535-543.	2.8	33
81	<i>Streptomyces drozdowiczii</i> sp. nov., a novel cellulolytic streptomycete from soil in Brazil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1323-1328.	1.7	32
82	Comparison of DNA extraction protocols for microbial communities from soil treated with biochar. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 175-183.	2.0	31
83	Characterisation of the effect of a simulated hydrocarbon spill on diazotrophs in mangrove sediment mesocosm. <i>Antonie Van Leeuwenhoek</i> , 2009, 96, 343-354.	1.7	30
84	Physical-chemical and microbiological changes in Cerrado Soil under differing sugarcane harvest management systems. <i>BMC Microbiology</i> , 2012, 12, 170.	3.3	30
85	Spatiotemporal Variation of Bacterial Community Composition and Possible Controlling Factors in Tropical Shallow Lagoons. <i>Microbial Ecology</i> , 2010, 59, 819-829.	2.8	28
86	Microbial diversity and hydrocarbon depletion in low and high diesel-polluted soil samples from Keller Peninsula, South Shetland Islands. <i>Antarctic Science</i> , 2015, 27, 263-273.	0.9	28
87	Influence of petroleum contamination and biostimulation treatment on the diversity of <i>Pseudomonas</i> spp. in soil microcosms as evaluated by 16S rRNA based-PCR and DGGE. <i>Letters in Applied Microbiology</i> , 2004, 38, 93-98.	2.2	27
88	Application of Denaturing Gradient Gel Electrophoresis (DGGE) to the Analysis of Endodontic Infections. <i>Journal of Endodontics</i> , 2005, 31, 775-782.	3.1	27
89	Distribution of Anaerobic Hydrocarbon-Degrading Bacteria in Soils from King George Island, Maritime Antarctica. <i>Microbial Ecology</i> , 2017, 74, 810-820.	2.8	27
90	Evaluation of soil bioremediation techniques in an aged diesel spill at the Antarctic Peninsula. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10815-10827.	3.6	26

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91	Predicting the biotechnological potential of bacteria isolated from Antarctic soils, including the rhizosphere of vascular plants. <i>Polar Biology</i> , 2017, 40, 1393-1407.	1.2	26
92	Molecular identification of <i>Coccidioides</i> spp. in soil samples from Brazil. <i>BMC Microbiology</i> , 2011, 11, 108.	3.3	25
93	Aerobic endospore-forming bacteria isolated from Antarctic soils as producers of bioactive compounds of industrial interest. <i>Polar Biology</i> , 2014, 37, 1121-1131.	1.2	23
94	Inevitable future: space colonization beyond Earth with microbes first. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	22
95	Quantitative detection of <i>Sphingomonas chlorophenolica</i> in soil via competitive polymerase chain reaction. <i>Journal of Applied Microbiology</i> , 1998, 85, 463-471.	3.1	20
96	Sugarcane trash levels in soil affects the fungi but not bacteria in a short-term field experiment. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 322-326.	2.0	20
97	Proposal of <i>Carbonactinosporaceae</i> fam. nov. within the class Actinomycetia. Reclassification of <i>Streptomyces thermoautotrophicus</i> as <i>Carbonactinospira thermoautotrophica</i> gen. nov., comb. nov. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126223.	2.8	20
98	Spatiotemporal distribution of the magnetotactic multicellular prokaryote <i>Candidatus Magnetoglobus multicellularis</i> in a Brazilian hypersaline lagoon and in microcosms. <i>International Microbiology</i> , 2012, 15, 141-9.	2.4	20
99	Optimization of electroporation procedure to transform <i>B. polymyxa</i> SCE2 and other nitrogen-fixing <i>Bacillus</i> . <i>Journal of Microbiological Methods</i> , 1994, 19, 1-11.	1.6	18
100	Fungal communities in oil contaminated mangrove sediments “ Who is in the mud?. <i>Marine Pollution Bulletin</i> , 2019, 139, 181-188.	5.0	18
101	Physiological aspects of mangrove ( <i>Laguncularia racemosa</i> ) grown in microcosms with oil-degrading bacteria and oil contaminated sediment. <i>Environmental Pollution</i> , 2013, 172, 243-249.	7.5	17
102	Comparison of different protocols for the extraction of microbial DNA from reef corals. <i>Brazilian Journal of Microbiology</i> , 2012, 43, 517-527.	2.0	16
103	Challenges and perspectives for the Brazilian semi-arid coast under global environmental changes. <i>Perspectives in Ecology and Conservation</i> , 2021, 19, 267-278.	1.9	16
104	Comparison of endodontic bacterial community structures in root-canal-treated teeth with or without apical periodontitis. <i>Journal of Medical Microbiology</i> , 2010, 59, 1360-1364.	1.8	15
105	Tracking Mangrove Oil Bioremediation Approaches and Bacterial Diversity at Different Depths in an in situ Mesocosms System. <i>Frontiers in Microbiology</i> , 2019, 10, 2107.	3.5	15
106	Photoprotective nanoemulsions containing microbial carotenoids and buriti oil: Efficacy and safety study. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6741-6752.	4.9	15
107	Diversity of Mercury Resistant <i>Escherichia coli</i> Strains Isolated from Aquatic Systems in Rio de Janeiro, Brazil. <i>International Journal of Biodiversity</i> , 2013, 2013, 1-8.	0.7	14
108	Modern Soil Microbiology. , 0, , .		14



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109	Antarctic strict anaerobic microbiota from <i>Deschampsia antarctica</i> vascular plants rhizosphere reveals high ecology and biotechnology relevance. <i>Extremophiles</i> , 2016, 20, 875-884.	2.3	13
110	Firmicutes in different soils of Admiralty Bay, King George Island, Antarctica. <i>Polar Biology</i> , 2019, 42, 2219-2226.	1.2	13
111	High incidence of acquiring methicillin-resistant <i>Staphylococcus aureus</i> in Brazilian children with Atopic Dermatitis and associated risk factors. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 724-730.	3.1	13
112	Methods and Strategies to Uncover Coral-Associated Microbial Dark Matter. <i>MSystems</i> , 2022, 7, .	3.8	13
113	Standardization of denaturing gradient gel electrophoresis for mutant screening of influenza A (H3N2) virus samples. <i>Journal of Virological Methods</i> , 2002, 101, 105-115.	2.1	12
114	Petroleum-contaminated soil remediation in a new solid phase bioreactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1260-1267.	3.2	12
115	Conjugative transfer of resistance determinants among human and bovine <i>Streptococcus agalactiae</i> . <i>Brazilian Journal of Microbiology</i> , 2014, 45, 785-789.	2.0	12
116	Detection of proteases from <i>Sporosarcina aquimarina</i> and <i>Algoriphagus antarcticus</i> isolated from Antarctic soil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 109-119.	0.8	12
117	Can the <i>Enterococcus faecalis</i> identified in the root canals of primary teeth be a cause of failure of endodontic treatment?. <i>Acta Odontologica Scandinavica</i> , 2017, 75, 423-428.	1.6	11
118	Differential expression of <i>nifH</i> and <i>anfH</i> genes in <i>Paenibacillus durus</i> analysed by reverse transcriptase-PCR and denaturing gradient gel electrophoresis. <i>Letters in Applied Microbiology</i> , 2008, 46, 344-349.	2.2	10
119	Tank bromeliad water: similar or distinct environments for research of bacterial bioactives?. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 185-192.	2.0	10
120	Subgingival bacterial community profiles in HIV-infected Brazilian adults with chronic periodontitis. <i>Journal of Periodontal Research</i> , 2016, 51, 95-102.	2.7	10
121	Cyanobacterial and microeukaryotic profiles of healthy, diseased, and dead <i>Millepora alcicornis</i> from the South Atlantic. <i>Diseases of Aquatic Organisms</i> , 2016, 119, 163-172.	1.0	10
122	Microbial Community Profiling Using Terminal Restriction Fragment Length Polymorphism (T-RFLP) and Denaturing Gradient Gel Electrophoresis (DGGE). <i>Methods in Molecular Biology</i> , 2017, 1537, 139-152.	0.9	10
123	Bioemulsifier production by <i>Microbacterium</i> SP. strains isolated from mangrove and their application to remove cadmium and zinc from hazardous industrial residue. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 235-45.	2.0	10
124	NOVOS MÓDOS PARA ANÁLISE DA DIVERSIDADE MICROBIANA EM SISTEMAS DE TRATAMENTO DE RESÁDUOS SÓLIDOS E LÍQUIDOS. <i>Oecologia Australis</i> , 2009, 13, 631-648.	0.2	10
125	Brazilian Semi-Arid Mangroves-Associated Microbiome as Pools of Richness and Complexity in a Changing World. <i>Frontiers in Microbiology</i> , 2021, 12, 715991.	3.5	10
126	Cellulolytic potential of a novel strain of <i>Paenibacillus</i> sp. isolated from the armored catfish <i>Parotocinclus maculicauda</i> gut. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 1608-1615.	2.0	9



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127	Mini-Review: Probing the limits of extremophilic life in extraterrestrial environment-simulated experiments. <i>International Journal of Astrobiology</i> , 2012, 11, 251-256.	1.6	9
128	Adaptable mesocosm facility to study oil spill impacts on corals. <i>Ecology and Evolution</i> , 2019, 9, 5172-5185.	1.9	9
129	Metagenomic analysis of microbial communities across a transect from low to highly hydrocarbon-contaminated soils in King George Island, Maritime Antarctica. <i>Geobiology</i> , 2022, 20, 98-111.	2.4	9
130	Skin and stinger bacterial communities in two critically endangered rays from the South Atlantic in natural and aquarium settings. <i>MicrobiologyOpen</i> , 2020, 9, e1141.	3.0	8
131	New Group-Specific 16S rDNA Primers for Monitoring Foaming Mycolata During Saline Waste-Water Treatment. <i>Biotechnology Letters</i> , 2006, 28, 447-453.	2.2	7
132	Comparison between denaturing gradient gel electrophoresis and phylogenetic analysis for characterization of A/H3N2 influenza samples detected during the 1999-2004 epidemics in Brazil. <i>Journal of Virological Methods</i> , 2006, 135, 76-82.	2.1	7
133	Microbial Community Profiling Using Terminal Restriction Fragment Length Polymorphism (T-RFLP) and Denaturing Gradient Gel Electrophoresis (DGGE). <i>Methods in Molecular Biology</i> , 2010, 666, 71-85.	0.9	7
134	Bacteriocin Producing <i>Streptococcus agalactiae</i> Strains Isolated from Bovine Mastitis in Brazil. <i>Microorganisms</i> , 2022, 10, 588.	3.6	7
135	Diversity of the candidate phylum Poribacteria in the marine sponge <i>Aplysina fulva</i> . <i>Brazilian Journal of Microbiology</i> , 2013, 44, 329-334.	2.0	6
136	Bacterial and Archaeal Communities Variability Associated with Upwelling and Anthropogenic Pressures in the Protection Area of Arraial do Cabo (Cabo Frio region - RJ). <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1737-1750.	0.8	6
137	Clinical signs and bacterial communities of deciduous necrotic root canals detected by PCR-DGGE analysis: Research association. <i>Archives of Oral Biology</i> , 2014, 59, 848-854.	1.8	5
138	Molecular Biology Techniques Applied to the Study of Microbial Diversity of Wastewater Treatment Systems. , 2018, , 205-299.		5
139	Polyphasic Analysis Reveals Potential Petroleum Hydrocarbon Degradation and Biosurfactant Production by Rare Biosphere Thermophilic Bacteria From Deception Island, an Active Antarctic Volcano. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	5
140	Biotreatment of diesel waste by sequencing batch bioreactor operation mode (SBR). <i>International Biodeterioration and Biodegradation</i> , 2010, 64, 413-417.	3.9	4
141	Tropical Soil Microbial Communities. , 2013, , 85-95.		4
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