

# Caio Tavora Coelho da Costa Rachid

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,526  
citations

331259

21  
h-index

344852

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the microbial diversity of Brazilian kefir grains by PCR-DGGE and pyrosequencing analysis. <i>Food Microbiology</i> , 2012, 31, 215-221.	2.1	183
2	Impact of Next Generation Sequencing Techniques in Food Microbiology. <i>Current Genomics</i> , 2014, 15, 293-309.	0.7	178
3	Impact of oil spills on coral reefs can be reduced by bioremediation using probiotic microbiota. <i>Scientific Reports</i> , 2015, 5, 18268.	1.6	105
4	Diversity of thermophilic bacteria in raw, pasteurized and selectively-cultured milk, as assessed by culturing, PCR-DGGE and pyrosequencing. <i>Food Microbiology</i> , 2013, 36, 103-111.	2.1	86
5	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.	4.2	83
6	Microbiome in the Apical Root Canal System of Teeth with Post-Treatment Apical Periodontitis. <i>PLoS ONE</i> , 2016, 11, e0162887.	1.1	74
7	Microbial population present in fermented beverage "cauim"™ produced by Brazilian Amerindians. <i>International Journal of Food Microbiology</i> , 2007, 120, 146-151.	2.1	65
8	Clinical antimicrobial efficacy of N-T rotary instrumentation with NaOC irrigation, final rinse with chlorhexidine and interappointment medication: a molecular study. <i>International Endodontic Journal</i> , 2013, 46, 225-233.	2.3	63
9	Microbiome of Deep Dentinal Caries Lesions in Teeth with Symptomatic Irreversible Pulpitis. <i>PLoS ONE</i> , 2016, 11, e0154653.	1.1	62
10	Molecular Microbiological Evaluation of Passive Ultrasonic Activation as a Supplementary Disinfecting Step: A Clinical Study. <i>Journal of Endodontics</i> , 2013, 39, 190-194.	1.4	55
11	Microbial Diversity of a Mediterranean Soil and Its Changes after Biotransformed Dry Olive Residue Amendment. <i>PLoS ONE</i> , 2014, 9, e103035.	1.1	52
12	The Microbiome of Eucalyptus Roots under Different Management Conditions and Its Potential for Biological Nitrogen Fixation. <i>Microbial Ecology</i> , 2018, 75, 183-191.	1.4	45
13	Effect of Sugarcane Burning or Green Harvest Methods on the Brazilian Cerrado Soil Bacterial Community Structure. <i>PLoS ONE</i> , 2013, 8, e59342.	1.1	44
14	Intercropped Silviculture Systems, a Key to Achieving Soil Fungal Community Management in Eucalyptus Plantations. <i>PLoS ONE</i> , 2015, 10, e0118515.	1.1	38
15	Close Link Between Harmful Cyanobacterial Dominance and Associated Bacterioplankton in a Tropical Eutrophic Reservoir. <i>Frontiers in Microbiology</i> , 2018, 9, 424.	1.5	37
16	Clone wars: asexual reproduction dominates in the invasive range of <i>Tubastraea</i> spp. (Anthozoa: Tj ETQq0 0 0 rBT /Overlock 10	0.9	37
17	Multi-domain probiotic consortium as an alternative to chemical remediation of oil spills at coral reefs and adjacent sites. <i>Microbiome</i> , 2021, 9, 118.	4.9	36
18	Revealing the bacterial profile of an anoxic-aerobic moving-bed biofilm reactor system treating a chemical industry wastewater. <i>International Biodeterioration and Biodegradation</i> , 2017, 120, 152-160.	1.9	32

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19	Physical-chemical and microbiological changes in Cerrado Soil under differing sugarcane harvest management systems. <i>BMC Microbiology</i> , 2012, 12, 170.	1.3	30
20	Predicting the biotechnological potential of bacteria isolated from Antarctic soils, including the rhizosphere of vascular plants. <i>Polar Biology</i> , 2017, 40, 1393-1407.	0.5	26
21	Short-term effect of Eucalyptus plantations on soil microbial communities and soil-atmosphere methane and nitrous oxide exchange. <i>Scientific Reports</i> , 2018, 8, 15133.	1.6	25
22	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.	0.8	20
23	Bacterial community composition in the salivary glands of triatomines (Hemiptera: Reduviidae). <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006739.	1.3	20
24	Biotic and abiotic factors affect microcystin-LR concentrations in water/sediment interface. <i>Microbiological Research</i> , 2020, 236, 126452.	2.5	20
25	Root Canal Microbiome Associated With Asymptomatic Apical Periodontitis as Determined by High-Throughput Sequencing. <i>Journal of Endodontics</i> , 2022, 48, 487-495.	1.4	16
26	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.	1.5	15
27	Freshwater Sponge <i>Tubella variabilis</i> Presents Richer Microbiota Than Marine Sponge Species. <i>Frontiers in Microbiology</i> , 2019, 10, 2799.	1.5	15
28	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
29	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.	0.9	13
30	Sulphate-reducing bacterial community structure from produced water of the Periquito and Galo de Campina onshore oilfields in Brazil. <i>Scientific Reports</i> , 2021, 11, 20311.	1.6	11
31	Estrogen induces shift in abundances of specific groups of the coral microbiome. <i>Scientific Reports</i> , 2021, 11, 2767.	1.6	9
32	Exploring the Diversity and Biotechnological Potential of Cultured and Uncultured Coral-Associated Bacteria. <i>Microorganisms</i> , 2021, 9, 2235.	1.6	5
33	Assessing the impact of synthetic estrogen on the microbiome of aerated submerged fixed-film reactors simulating tertiary sewage treatment and isolation of estrogen-degrading consortium. <i>Science of the Total Environment</i> , 2020, 743, 140428.	3.9	4
34	Structural and functional shifts of soil prokaryotic community due to Eucalyptus plantation and rotation phase. <i>Scientific Reports</i> , 2020, 10, 9075.	1.6	4
35	Genome Sequence of a Highly Virulent pvl-positive Vancomycin intermediate-resistant <i>Staphylococcus aureus</i> Sequence Type 30. <i>Current Genomics</i> , 2020, 21, 128-137.	0.7	2
36	Soil Bacterial Structure and Composition in Pure and Mixed Plantations of Eucalyptus spp. and Leguminous Trees. , 2020, , 91-101.		0