

Alexander Cardoso

List of Publications by Year in descending order

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42
papers

1,575
citations

304743

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345221

36
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43
all docs

43
docs citations

43
times ranked

2279
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA-dependent conversion of phosphoserine forms selenocysteine in eukaryotes and archaea. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18923-18927.	7.1	428
2	Complete genome sequence of the sugarcane nitrogen-fixing endophyte <i>Gluconacetobacter diazotrophicus</i> Pal5. BMC Genomics, 2009, 10, 450.	2.8	207
3	Environmental Shaping of Sponge Associated Archaeal Communities. PLoS ONE, 2010, 5, e15774.	2.5	84
4	Metagenomic Analysis of the Microbiota from the Crop of an Invasive Snail Reveals a Rich Reservoir of Novel Genes. PLoS ONE, 2012, 7, e48505.	2.5	62
5	Archaeal and bacterial communities of heavy metal contaminated acidic waters from zinc mine residues in Sepetiba Bay. Extremophiles, 2009, 13, 263-271.	2.3	54
6	Gut Bacterial Communities in the Giant Land Snail <i>Achatina fulica</i> and Their Modification by Sugarcane-Based Diet. PLoS ONE, 2012, 7, e33440.	2.5	53
7	Relationships between bacterial diversity and environmental variables in a tropical marine environment, Rio de Janeiro. Environmental Microbiology, 2008, 10, 189-199.	3.8	52
8	Archaeal Communities in a Tropical Estuarine Ecosystem: Guanabara Bay, Brazil. Microbial Ecology, 2007, 54, 460-468.	2.8	50
9	Bacterial community composition shifts in the gut of <i>Periplaneta americana</i> fed on different lignocellulosic materials. SpringerPlus, 2013, 2, 609.	1.2	50
10	Isolation of aerobic cultivable cellulolytic bacteria from different regions of the gastrointestinal tract of giant land snail <i>Achatina fulica</i> . Frontiers in Microbiology, 2015, 6, 860.	3.5	42
11	Archaea, Bacteria, and Algal Plastids Associated with the Reef-Building Corals <i>Siderastrea stellata</i> and <i>Mussismilia hispida</i> from Búzios, South Atlantic Ocean, Brazil. Microbial Ecology, 2010, 59, 523-532.	2.8	40
12	Influence of Salinity on Bacterioplankton Communities from the Brazilian Rain Forest to the Coastal Atlantic Ocean. PLoS ONE, 2011, 6, e17789.	2.5	36
13	Prokaryotic diversity in one of the largest hypersaline coastal lagoons in the world. Extremophiles, 2008, 12, 595-604.	2.3	34
14	Different antiproliferative effects of matuzumab and cetuximab in A431 cells are associated with persistent activity of the MAPK pathway. European Journal of Cancer, 2009, 45, 1265-1273.	2.8	34
15	Antibiotic Resistance is Widespread in Urban Aquatic Environments of Rio de Janeiro, Brazil. Microbial Ecology, 2014, 68, 441-452.	2.8	33
16	Cloning, expression, partial characterization and structural modeling of a novel esterase from <i>Pyrococcus furiosus</i> . Enzyme and Microbial Technology, 2006, 39, 1128-1136.	3.2	31
17	Diversity and antibiotic resistance profiles of <i>Pseudomonads</i> from a hospital wastewater treatment plant. Journal of Applied Microbiology, 2015, 119, 1527-1540.	3.1	31
18	Archaeal diversity in naturally occurring and impacted environments from a tropical region. Journal of Applied Microbiology, 2007, 103, 141-151.	3.1	29

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19	Coastal bacterioplankton community diversity along a latitudinal gradient in Latin America by means of V6 tag pyrosequencing. Archives of Microbiology, 2011, 193, 105-114.	2.2	29
20	Exploring the biotechnological applications in the archaeal domain. Brazilian Journal of Microbiology, 2007, 38, 398-405.	2.0	25
21	Bacterial communities of the marine sponges <i>Hymeniacidon heliophila</i> and <i>Polymastia janeirensis</i> and their environment in Rio de Janeiro, Brazil. Marine Biology, 2008, 155, 135-146.	1.5	25
22	Structure and function of a novel GH8 endoglucanase from the bacterial cellulose synthase complex of <i>Raoultella ornithinolytica</i> . PLoS ONE, 2017, 12, e0176550.	2.5	24
23	Microbial Community Compositional Shifts in Bleached Colonies of the Brazilian Reef-Building Coral <i>Siderastrea stellata</i> . Microbial Ecology, 2013, 65, 205-213.	2.8	22
24	Microbial Community Diversity in the Gut of the South American Termite <i>Cornitermes cumulans</i> (Isoptera: Termitidae). Microbial Ecology, 2013, 65, 197-204.	2.8	19
25	Pollution Impacts on Bacterioplankton Diversity in a Tropical Urban Coastal Lagoon System. PLoS ONE, 2012, 7, e51175.	2.5	16
26	A Non-discriminating Aspartyl-tRNA Synthetase from <i>Halobacterium salinarum</i> . RNA Biology, 2006, 3, 110-114.	3.1	12
27	Tropical Aquatic Archaea Show Environment-Specific Community Composition. PLoS ONE, 2013, 8, e76321.	2.5	10
28	Detection of human fecal contamination by <i>nifH</i> gene quantification of marine waters in the coastal beaches of Rio de Janeiro, Brazil. Environmental Science and Pollution Research, 2016, 23, 25210-25217.	5.3	8
29	Transfer RNA-dependent asparagine biosynthesis in <i>Gluconacetobacter diazotrophicus</i> and its influence on biological nitrogen fixation. Plant and Soil, 2012, 356, 209-216.	3.7	7
30	Hunting for Extremophiles in Rio De Janeiro. Frontiers in Microbiology, 2011, 2, 100.	3.5	6
31	Polyhydroxybutyrate production by a sugarcane growth promoter bacterium. BMC Proceedings, 2014, 8, .	1.6	5
32	Heavy Metals Accumulation in Banana (<i>Musa spp.</i>) Leaves from Industrial Area in Rio de Janeiro. Orbital, 2018, 10, .	0.3	5
33	Expression and Homology Modeling of 2;-Aminobiphenyl-2,3-Diol-1,2-Dioxygenase From <i>Pseudomonas stutzeri</i> Carbazole Degradation Pathway. Cell Biochemistry and Biophysics, 2006, 44, 530-538.	1.8	4
34	Diversity of bacterial communities related to the nitrogen cycle in a coastal tropical bay. Molecular Biology Reports, 2012, 39, 3401-3407.	2.3	2
35	<i>Avicennia schaueriana</i> as a highly efficient accumulator for Manganese in Sepetiba Bay, Brazil. International Journal of Environmental Science and Technology, 2022, 19, 6863-6868.	3.5	2
36	Bacterial communities in the rhizosphere of biofortified BRS pontal and conventional carioca bean (<i>Phaseolus vulgaris</i>) plants. Archives of Microbiology, 2022, 204, 14.	2.2	2

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37	BIOPROSPECÇÃO DE NOVOS GENES PARA A INDÚSTRIA USANDO METAGENOMA E BIOINFORMÁTICA. Acta Scientiae Et Technicae, 2013, 1, .	0.1	0
38	As Superbactérias Resistentes a Antibióticos Estão Chegando?. Acta Scientiae Et Technicae, 2017, 4, .	0.1	0
39	Monitoramento de esgoto tratado derivado de unidades de atividades de saúde: desenvolvimento de um procedimento operacional padrão para realização de amostragem. Brazilian Journal of Development, 2020, 6, 40285-40295.	0.1	0
40	Data on the Draft Genome Sequence of Bacillus sp. Strain AN2 Isolated from Agricultural Soil in Brazil. Asian Journal of Biotechnology and Bioresource Technology, 0, , 11-13.	0.1	0
41	A Importância da Política Nacional de Resíduos Sólidos para o Desenvolvimento Sustentável. Research, Society and Development, 2021, 10, e377101522311.	0.1	0
42	Abordagem dos temas Bioproteção e Bioterrorismo na Educação: Proposta de Curso de Extensão. Research, Society and Development, 2022, 11, e33011225032.	0.1	0