Pedro F B BrandÃ£o

List of Publications by Year
in descending order

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23	611	687363	713466
papers	citations	13	21
		h-index	g-index

23	23	23	705
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arsenic in Latin America: New findings on source, mobilization and mobility in human environments in 20 countries based on decadal research 2010-2020. Critical Reviews in Environmental Science and Technology, 2021, 51, 1727-1865.	12.8	70
2	Physiology, biochemistry and taxonomy of deep-sea nitrile metabolising Rhodococcus strains. Antonie Van Leeuwenhoek, 2001, 80, 169-183.	1.7	65
3	Environmental occurrence of arsenic in Colombia: A review. Environmental Pollution, 2014, 186, 272-281.	7.5	61
4	Survivability of Bacteria in Hypervelocity Impact. Icarus, 2001, 154, 545-547.	2.5	59
5	Metal and metalloid immobilization by microbiologically induced carbonates precipitation. World Journal of Microbiology and Biotechnology, 2019, 35, 58.	3.6	42
6	Discrimination and taxonomy of geographically diverse strains of nitrile-metabolizing actinomycetes using chemometric and molecular sequencing techniques. Environmental Microbiology, 2002, 4, 262-276.	3.8	38
7	Diversity of Nitrile Hydratase and Amidase Enzyme Genes in Rhodococcus erythropolis Recovered from Geographically Distinct Habitats. Applied and Environmental Microbiology, 2003, 69, 5754-5766.	3.1	37
8	Dereplication for biotechnology screening: PyMS analysis and PCRÂ–RFLPÂ–SSCP (PRS) profiling of 16S rRNA genes of marine and terrestrial actinomycetes. Applied Microbiology and Biotechnology, 2002, 58, 77-83.	3.6	36
9	Isolation and Potential Biocementation of Calcite Precipitation Inducing Bacteria from Colombian Buildings. Current Microbiology, 2018, 75, 256-265.	2.2	36
10	Nitrile hydrolysing activities of deep-sea and terrestrial mycolate actinomycetes. Antonie Van Leeuwenhoek, 2003, 84, 89-98.	1.7	35
11	Survivability of bacteria ejected from icy surfaces after hypervelocity impact. Origins of Life and Evolution of Biospheres, 2003, 33, 53-74.	1.9	33
12	Laboratory investigations of the survivability of bacteria in hypervelocity impacts. Advances in Space Research, 2001, 28, 707-712.	2.6	15
13	Bioconversion of D,L-tert-leucine Nitrile to D-tert-leucine by Recombinant Cells expressing Nitrile Hydratase and D-selective Amidase. Engineering in Life Sciences, 2004, 4, 547-556.	3.6	14
14	Synthesis, Characterization, and Antimicrobial Activity oF The Ligand 3-Methylpyrazole-4-Carboxaldehyde Thiosemicarbazone and Its Pd(II) Complex. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 52-59.	1.6	11
15	Stable and Enriched Cenarchaeum symbiosum and Uncultured Betaproteobacteria HF1 in the Microbiome of the Mediterranean Sponge Haliclona fulva (Demospongiae: Haplosclerida). Microbial Ecology, 2019, 77, 25-36.	2.8	11
16	Distribution of hydantoinase activity in bacterial isolates from geographically distinct environmental sources. Journal of Molecular Catalysis B: Enzymatic, 2006, 39, 160-165.	1.8	10
17	Simultaneous biofiltration of H2S and NH3 using compost mixtures from lignocellulosic waste and chicken manure as packing material. Environmental Science and Pollution Research, 2021, 28, 24721-24730.	5.3	10
18	Persistence of pentolite (PETN and TNT) in soil microcosms and microbial enrichment cultures. Environmental Science and Pollution Research, 2016, 23, 9144-9155.	5.3	9

#	Article	IF	Citations
19	Improving ecological fitness ofBeauveria bassianaconidia to control the sugar cane borerDiatraea saccharalis. Biocontrol Science and Technology, 2020, 30, 513-530.	1.3	7
20	Use of Trichoderma koningiopsis chitinase to enhance the insecticidal activity of Beauveria bassiana against Diatraea saccharalis. Journal of Basic Microbiology, 2021, 61, 814-824.	3.3	7
21	Tin(IV) Complexes of 1,5-Diphenylthiocarbazone and Thiosemicarbazide: Synthesis, X-Ray Characterization, and Biological Activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1356-1360.	1.6	5
22	Di-Î¼2-chlorido-dichloridooctamethyldi-Î¼3-oxido-tetratin(IV) bis[chloridodimethyl(pyrrolidine-1-carbodithioato-Î²2S,Sâ€²)tin(IV)]. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m672-m672.	0.2	0
23	AISLAMIENTO E IDENTIFICACIÃ“N DE Lactobacillus spp. (LACTOBACILLACEAE) RESISTENTES A Cd(II) Y As(III) RECUPERADOS DE FERMENTO DE CACAO. Acta Biologica Colombiana, 2020, 26, 19-29.	0.4	0