

Bianca Cruz Neves

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,514
citations

17
h-index

30
g-index

30
ext. papers

1,703
ext. citations

4.8
avg, IF

4.09
L-index

#	Paper	IF	Citations
29	Genome-wide analysis reveals a rhamnolipid-dependent modulation of flagellar genes in <i>Pseudomonas aeruginosa</i> PAO1.. <i>Current Genetics</i> , 2022 , 68, 289	2.9	
28	Molecular diversity and abundance of the microbial community associated to an offshore oil field on the southeast of Brazil. <i>International Biodeterioration and Biodegradation</i> , 2021 , 160, 105215	4.8	3
27	Environmentally friendly rhamnolipid production for petroleum remediation. <i>Chemosphere</i> , 2020 , 252, 126349	8.4	9
26	Understanding xylose isomerase from <i>Burkholderia cenocepacia</i> : insights into structure and functionality for ethanol production. <i>AMB Express</i> , 2019 , 9, 73	4.1	4
25	The Gut and Parkinson's Disease-A Bidirectional Pathway. <i>Frontiers in Neurology</i> , 2019 , 10, 574	4.1	69
24	Comparative genomics of <i>Paraburkholderia kururiensis</i> and its potential in bioremediation, biofertilization, and biocontrol of plant pathogens. <i>MicrobiologyOpen</i> , 2019 , 8, e00801	3.4	11
23	Enhanced rhamnolipid production by <i>Pseudomonas aeruginosa</i> overexpressing <i>estA</i> in a simple medium. <i>PLoS ONE</i> , 2017 , 12, e0183857	3.7	21
22	Refolding, purification, and preliminary structural characterization of the DNA-binding domain of the quorum sensing receptor RhlR from <i>Pseudomonas aeruginosa</i> . <i>Protein Expression and Purification</i> , 2016 , 121, 31-40	2	3
21	Rhamnolipids in perspective: gene regulatory pathways, metabolic engineering, production and technological forecasting. <i>New Biotechnology</i> , 2016 , 33, 123-35	6.4	90
20	Enhanced xylose fermentation and ethanol production by engineered <i>Saccharomyces cerevisiae</i> strain. <i>AMB Express</i> , 2015 , 5, 16	4.1	39
19	Short-chain Fatty Acids in Infected Root Canals of Teeth with Apical Periodontitis before and after Treatment. <i>Journal of Endodontics</i> , 2015 , 41, 831-5	4.7	10
18	Functional expression of <i>Burkholderia cenocepacia</i> xylose isomerase in yeast increases ethanol production from a glucose-xylose blend. <i>Bioresource Technology</i> , 2013 , 128, 792-6	11	29
17	Optimization of biosurfactant production using waste from biodiesel industry in a new membrane assisted bioreactor. <i>Process Biochemistry</i> , 2013 , 48, 1271-1278	4.8	18
16	Characterization of rhamnolipids produced by wild-type and engineered <i>Burkholderia kururiensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2013 , 97, 1909-21	5.7	69
15	Silencing of P-glycoprotein increases mortality in temephos-treated <i>Aedes aegypti</i> larvae. <i>Insect Molecular Biology</i> , 2013 , 22, 648-58	3.4	56
14	Type III apparatus of <i>Pseudomonas aeruginosa</i> as a tool to diagnose pulmonary infection in cystic fibrosis patients. <i>Apmis</i> , 2012 , 120, 622-7	3.4	3
13	Kinetic resolution of (±)-1,2-O-isopropylidene-3,6-di-O-benzyl-myo-inositol by lipases: An experimental and theoretical study on the reaction of a key precursor of chiral inositols. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 70, 32-40		13

12	Gene regulation of rhamnolipid production in <i>Pseudomonas aeruginosa</i> --a review. <i>Bioresource Technology</i> , 2011 , 102, 6377-84	11	129
11	A new class of mechanism-based inhibitors for <i>Trypanosoma cruzi</i> trans-sialidase and their influence on parasite virulence. <i>Glycobiology</i> , 2010 , 20, 1034-45	5.8	27
10	Endophytic colonization of rice (<i>Oryza sativa</i> L.) by the diazotrophic bacterium <i>Burkholderia kururiensis</i> and its ability to enhance plant growth. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008 , 80, 477-93	1.4	49
9	Detection of LEE 4 region-encoded genes from different enteropathogenic and enterohemorrhagic <i>Escherichia coli</i> serotypes. <i>Current Microbiology</i> , 2004 , 48, 412-8	2.4	15
8	CesD2 of enteropathogenic <i>Escherichia coli</i> is a second chaperone for the type III secretion translocator protein EspD. <i>Infection and Immunity</i> , 2003 , 71, 2130-41	3.7	44
7	Polymorphisms within EspA filaments of enteropathogenic and enterohemorrhagic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2003 , 71, 2262-5	3.7	27
6	Impaired resistance and enhanced pathology during infection with a noninvasive, attaching-effacing enteric bacterial pathogen, <i>Citrobacter rodentium</i> , in mice lacking IL-12 or IFN-gamma. <i>Journal of Immunology</i> , 2002 , 168, 1804-12	5.3	135
5	The type III protein translocation system of enteropathogenic <i>Escherichia coli</i> involves EspA-EspB protein interactions. <i>Molecular Microbiology</i> , 2000 , 35, 1483-92	4.1	71
4	A novel EspA-associated surface organelle of enteropathogenic <i>Escherichia coli</i> involved in protein translocation into epithelial cells. <i>EMBO Journal</i> , 1998 , 17, 2166-76	13	464
3	Characterization of the locus of enterocyte effacement (LEE) in different enteropathogenic <i>Escherichia coli</i> (EPEC) and Shiga-toxin producing <i>Escherichia coli</i> (STEC) serotypes. <i>FEMS Microbiology Letters</i> , 1998 , 164, 133-9	2.9	80
2	Molecular and ultrastructural characterisation of EspA from different enteropathogenic <i>Escherichia coli</i> serotypes. <i>FEMS Microbiology Letters</i> , 1998 , 169, 73-80	2.9	17
1	Immunogenicity of <i>Vibrio cholerae</i> O1 fimbriae in animal and human cholera. <i>Microbiology and Immunology</i> , 1993 , 37, 679-88	2.7	8