

L Alves

List of Publications by Year in descending order

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36
papers

1,135
citations

394421

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395702

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times ranked

1152
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Biosurfactant/Bioemulsifier from <i>Gordonia alkanivorans</i> Strain 1B: Production and Characterization. <i>Processes</i> , 2022, 10, 845.	2.8	7
2	Design and validation of an expeditious analytical method to quantify the emulsifying activity during biosurfactants/bioemulsifiers production. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112111.	5.0	8
3	Effect of dibenzothiophene and its alkylated derivatives on coupled desulfurization and carotenoid production by <i>Gordonia alkanivorans</i> strain 1B. <i>Journal of Environmental Management</i> , 2020, 270, 110825.	7.8	18
4	On the road to cost-effective fossil fuel desulfurization by <i>Gordonia alkanivorans</i> strain 1B. <i>RSC Advances</i> , 2019, 9, 25405-25413.	3.6	10
5	A novel β -xylosidase from <i>Anoxybacillus</i> sp. 3M towards an improved agro-industrial residues saccharification. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1224-1234.	7.5	13
6	Influence of culture conditions towards optimal carotenoid production by <i>Gordonia alkanivorans</i> strain 1B. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 143-155.	3.4	14
7	Simultaneously saccharification and fermentation approach as a tool for enhanced fossil fuels biodesulfurization. <i>Journal of Environmental Management</i> , 2016, 182, 397-405.	7.8	20
8	Ability of <i>Gordonia alkanivorans</i> strain 1B for high added value carotenoids production. <i>RSC Advances</i> , 2016, 6, 58055-58063.	3.6	26
9	Sugarcane bagasse delignification with potassium hydroxide for enhanced enzymatic hydrolysis. <i>RSC Advances</i> , 2016, 6, 1042-1052.	3.6	21
10	Characterization of Thermophile Xylanase Produced by <i>Anoxybacillus</i> sp. Strain 3M in Submerged Fermentation Using Brewers' Spent Grain. <i>Current Biochemical Engineering</i> , 2016, 3, 74-81.	1.3	3
11	Advances in the Reduction of the Costs Inherent to Fossil Fuels' Biodesulfurization towards Its Potential Industrial Application. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2016, , 390-425.	0.3	3
12	Properties of an alkali-thermo stable xylanase from <i>Geobacillus thermodenitrificans</i> A333 and applicability in xylooligosaccharides generation. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 633-648.	3.6	20
13	A multi-integrated approach on toxicity effects of engineered TiO ₂ nanoparticles. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 793-803.	6.0	19
14	Third generation biohydrogen production by <i>Clostridium butyricum</i> and adapted mixed cultures from <i>Scenedesmus obliquus</i> microalga biomass. <i>Fuel</i> , 2015, 153, 128-134.	6.4	98
15	Jerusalem artichoke as low-cost fructose-rich feedstock for fossil fuels desulphurization by a fructophilic bacterium. <i>Journal of Applied Microbiology</i> , 2015, 118, 609-618.	3.1	15
16	Biodesulphurization of fossil fuels: energy, emissions and cost analysis. <i>RSC Advances</i> , 2015, 5, 34047-34057.	3.6	41
17	<i>Scenedesmus obliquus</i> as feedstock for biohydrogen production by <i>Enterobacter aerogenes</i> and <i>Clostridium butyricum</i> . <i>Fuel</i> , 2014, 117, 537-543.	6.4	136
18	Enhancement of Dibenzothiophene Desulfurization by <i>Gordonia alkanivorans</i> Strain 1B Using Sugar Beet Molasses as Alternative Carbon Source. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 3297-3305.	2.9	34

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19	Influence of the Carbon Source on <i>Gordonia alkanivorans</i> Strain 1B Resistance to 2-Hydroxybiphenyl Toxicity. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 870-882.	2.9	7
20	Production and Characterization of a Novel Yeast Extracellular Invertase Activity Towards Improved Dibenzothiophene Biodesulfurization. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 2048-2057.	2.9	13
21	Fructophilic behaviour of <i>Gordonia alkanivorans</i> strain 1B during dibenzothiophene desulfurization process. <i>New Biotechnology</i> , 2014, 31, 73-79.	4.4	29
22	Optimization of low sulfur carob pulp liquor as carbon source for fossil fuels biodesulfurization. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 919-923.	3.2	26
23	Energy requirement and CO ₂ emissions of bioH ₂ production from microalgal biomass. <i>Biomass and Bioenergy</i> , 2013, 49, 249-259.	5.7	39
24	Screening of novel yeast inulinases and further application to bioprocesses. <i>New Biotechnology</i> , 2013, 30, 598-606.	4.4	35
25	The simultaneous utilization of kinetic analysis and flow cytometry in the assessment of <i>Lactobacillus rhamnosus</i> ATCC 7469 physiological states produced by increasing oxygen limitation levels and lactic acid accumulation. <i>Biochemical Engineering Journal</i> , 2013, 74, 54-59.	3.6	1
26	Toxicity evaluation of 2-hydroxybiphenyl and other compounds involved in studies of fossil fuels biodesulphurisation. <i>Bioresource Technology</i> , 2011, 102, 9162-9166.	9.6	37
27	Evidence for the role of zinc on the performance of dibenzothiophene desulfurization by <i>Gordonia alkanivorans</i> strain 1B. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008, 35, 69-73.	3.0	16
28	Conversion of recycled paper sludge to ethanol by SHF and SSF using <i>Pichia stipitis</i> . <i>Biomass and Bioenergy</i> , 2008, 32, 400-406.	5.7	110
29	Dibenzothiophene desulfurization by <i>Gordonia alkanivorans</i> strain 1B using recycled paper sludge hydrolyzate. <i>Chemosphere</i> , 2008, 70, 967-973.	8.2	48
30	Effect of xylo-oligosaccharides from corn cobs autohydrolysis on the intestinal microbiota of piglets after weaning. <i>Livestock Science</i> , 2007, 108, 244-248.	1.6	15
31	Sequencing, cloning and expression of the dsz genes required for dibenzothiophene sulfone desulfurization from <i>Gordonia alkanivorans</i> strain 1B. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1598-1603.	3.2	46
32	Desulfurization of Dibenzothiophene, Benzothiophene, and Other Thiophene Analogs by a Newly Isolated Bacterium, <i>Gordonia alkanivorans</i> Strain 1B. <i>Applied Biochemistry and Biotechnology</i> , 2005, 120, 199-208.	2.9	68
33	A novel strain of <i>Streptomyces malaysiensis</i> isolated from Brazilian soil produces high endo- β -1,4-xylanase titres. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 879-881.	3.6	20
34	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 201-208.	3.6	2
35	Production and partial characterisation of xylanase from <i>Streptomyces</i> sp. strain AMT-3 isolated from Brazilian cerrado soil. <i>Enzyme and Microbial Technology</i> , 2002, 31, 549-555.	3.2	89
36	Characterization of a Thermotolerant and Alkalotolerant Xylanase from a <i>Bacillus</i> sp.. <i>Applied Biochemistry and Biotechnology</i> , 1998, 73, 159-172.	2.9	28