L Alves

List of Publications by Year
in descending order

36 papers	1,135 citations	394421 19 h-index	395702 33 g-index
36 all docs	36 docs citations	36 times ranked	1152 citing authors

#	Article	IF	Citations
1	Scenedesmus obliquus as feedstock for biohydrogen production by Enterobacter aerogenes and Clostridium butyricum. Fuel, 2014, 117, 537-543.	6.4	136
2	Conversion of recycled paper sludge to ethanol by SHF and SSF using Pichia stipitis. Biomass and Bioenergy, 2008, 32, 400-406.	5.7	110
3	Third generation biohydrogen production by Clostridium butyricum and adapted mixed cultures from Scenedesmus obliquus microalga biomass. Fuel, 2015, 153, 128-134.	6.4	98
4	Production and partial characterisation of xylanase from Streptomyces sp. strain AMT-3 isolated from Brazilian cerrado soil. Enzyme and Microbial Technology, 2002, 31, 549-555.	3.2	89
5	Desulfurization of Dibenzothiophene, Benzothiophene, and Other Thiophene Analogs by a Newly Isolated Bacterium, <I>Gordonia alkanivorans</I> Strain 1B. Applied Biochemistry and Biotechnology, 2005, 120, 199-208.	2.9	68
6	Dibenzothiophene desulfurization by Gordonia alkanivorans strain 1B using recycled paper sludge hydrolyzate. Chemosphere, 2008, 70, 967-973.	8.2	48
7	Sequencing, cloning and expression of the dsz genes required for dibenzothiophene sulfone desulfurization from Gordonia alkanivorans strain 1B. Enzyme and Microbial Technology, 2007, 40, 1598-1603.	3.2	46
8	Biodesulphurization of fossil fuels: energy, emissions and cost analysis. RSC Advances, 2015, 5, 34047-34057.	3.6	41
9	Energy requirement and CO2 emissions of bioH2 production from microalgal biomass. Biomass and Bioenergy, 2013, 49, 249-259.	5.7	39
10	Toxicity evaluation of 2-hydroxybiphenyl and other compounds involved in studies of fossil fuels biodesulphurisation. Bioresource Technology, 2011, 102, 9162-9166.	9.6	37
11	Screening of novel yeast inulinases and further application to bioprocesses. New Biotechnology, 2013, 30, 598-606.	4.4	35
12	Enhancement of Dibenzothiophene Desulfurization by Gordonia alkanivorans Strain 1B Using Sugar Beet Molasses as Alternative Carbon Source. Applied Biochemistry and Biotechnology, 2014, 172, 3297-3305.	2.9	34
13	Fructophilic behaviour of Gordonia alkanivorans strain 1B during dibenzothiophene desulfurization process. New Biotechnology, 2014, 31, 73-79.	4.4	29
14	Characterization of a Thermotolerant and Alkalotolerant Xylanase from a Bacillus sp.. Applied Biochemistry and Biotechnology, 1998, 73, 159-172.	2.9	28
15	Optimization of low sulfur carob pulp liquor as carbon source for fossil fuels biodesulfurization. Journal of Chemical Technology and Biotechnology, 2013, 88, 919-923.	3.2	26
16	Ability of Gordonia alkanivorans strain 1B for high added value carotenoids production. RSC Advances, 2016, 6, 58055-58063.	3.6	26
17	Sugarcane bagasse delignification with potassium hydroxide for enhanced enzymatic hydrolysis. RSC Advances, 2016, 6, 1042-1052.	3.6	21
18	A novel strain of Streptomyces malaysiensis isolated from Brazilian soil produces high endo-Â-1,4-xylanase titres. World Journal of Microbiology and Biotechnology, 2003, 19, 879-881.	3.6	20

#	Article	IF	Citations
19	Properties of an alkali-thermo stable xylanase from Geobacillus thermodenitrificans A333 and applicability in xylooligosaccharides generation. World Journal of Microbiology and Biotechnology, 2015, 31, 633-648.	3.6	20
20	Simultaneously saccharification and fermentation approach as a tool for enhanced fossil fuels biodesulfurization. Journal of Environmental Management, 2016, 182, 397-405.	7.8	20
21	A multi-integrated approach on toxicity effects of engineered TiO2 nanoparticles. Frontiers of Environmental Science and Engineering, 2015, 9, 793-803.	6.0	19
22	Effect of dibenzothiophene and its alkylated derivatives on coupled desulfurization and carotenoid production by Gordonia alkanivorans strain 1B. Journal of Environmental Management, 2020, 270, 110825.	7.8	18
23	Evidence for the role of zinc on the performance of dibenzothiophene desulfurization by Gordonia alkanivorans strain 1B. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 69-73.	3.0	16
24	Effect of xylo-oligosaccharides from corn cobs autohydrolysis on the intestinal microbiota of piglets after weaning. Livestock Science, 2007, 108, 244-248.	1.6	15
25	Jerusalem artichoke as low-cost fructose-rich feedstock for fossil fuels desulphurization by a fructophilic bacterium. Journal of Applied Microbiology, 2015, 118, 609-618.	3.1	15
26	Influence of culture conditions towards optimal carotenoid production by Gordonia alkanivorans strain 1B. Bioprocess and Biosystems Engineering, 2018, 41, 143-155.	3.4	14
27	Production and Characterization of a Novel Yeast Extracellular Invertase Activity Towards Improved Dibenzothiophene Biodesulfurization. Applied Biochemistry and Biotechnology, 2014, 174, 2048-2057.	2.9	13
28	A novel Î²-xylosidase from Anoxybacillus sp. 3M towards an improved agro-industrial residues saccharification. International Journal of Biological Macromolecules, 2019, 122, 1224-1234.	7.5	13
29	On the road to cost-effective fossil fuel desulfurization byGordonia alkanivoransstrain 1B. RSC Advances, 2019, 9, 25405-25413.	3.6	10
30	Design and validation of an expeditious analytical method to quantify the emulsifying activity during biosurfactants/bioemulsifiers production. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112111.	5.0	8
31	Influence of the Carbon Source on Gordonia alkanivorans Strain 1B Resistance to 2-Hydroxybiphenyl Toxicity. Applied Biochemistry and Biotechnology, 2014, 173, 870-882.	2.9	7
32	A New Biosurfactant/Bioemulsifier from Gordonia alkanivorans Strain 1B: Production and Characterization. Processes, 2022, 10, 845.	2.8	7
33	Characterization of Thermophile Xylanase Produced by Anoxybacillus sp. Strain 3M in Submerged Fermentation Using Brewers' Spent Grain. Current Biochemical Engineering, 2016, 3, 74-81.	1.3	3
34	Advances in the Reduction of the Costs Inherent to Fossil Fuels' Biodesulfurization towards Its Potential Industrial Application. Advances in Chemical and Materials Engineering Book Series, 2016, , 390-425.	0.3	3
35	Title is missing!. World Journal of Microbiology and Biotechnology, 2003, 19, 201-208.	3.6	2
36	The simultaneous utilization of kinetic analysis and flow cytometry in the assessment of Lactobacillus rhamnosus ATCC 7469 physiological states produced by increasing oxygen limitation levels and lactic acid accumulation. Biochemical Engineering Journal, 2013, 74, 54-59.	3.6	1