Debora D V Silva

List of Publications by Year
in descending order

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22	515	623734 14	794594 19
papers	citations	h-index	g-index

24	24	24	563
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Repeated-batch fermentation of sugarcane bagasse hemicellulosic hydrolysate to ethanol using two xylose-fermenting yeasts. Biomass Conversion and Biorefinery, 2022, 12, 4321-4331.	4.6	2
2	Xylitol-Sweetener Production from Barley Straw: Optimization of Acid Hydrolysis Condition with the Energy Consumption Simulation. Waste and Biomass Valorization, 2020, 11, 1837-1849.	3.4	25
3	Production and purification of xylitol by Scheffersomyces amazonenses via sugarcane hemicellulosic hydrolysate. Biofuels, Bioproducts and Biorefining, 2020, 14, 344-356.	3.7	21
4	Immobilized microbial nanoparticles for biosorption. Critical Reviews in Biotechnology, 2020, 40, 653-666.	9.0	54
5	Characterization of the solid residue generated in the detoxification step of sugarcane bagasse hemicellulosic hydrolysate and behavior in agricultural soils. Bragantia, 2020, 79, 107-119.	1.3	1
6	Physicochemical and thermal characteristics of sugarcane straw and its cellulignin. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	18
7	Scale up of xylitol production from sugarcane bagasse hemicellulosic hydrolysate by Candida guilliermondii FTI 20037. Journal of Industrial and Engineering Chemistry, 2017, 47, 297-302.	5.8	50
8	Pharmaceutical and Biomedical Applications of Magnetic Iron-Oxide Nanoparticles. , 2017, , 77-99.		2
9	Biotechnological Production of Xylitol from Biomass. Biofuels and Biorefineries, 2017, , 311-342.	0.5	6
10	Biomass Pretreatment With Oxalic Acid for Value-Added Products. , 2016, , 187-208.		2
11	Effect of volumetric oxygen transfer coefficient (k L a) on ethanol production performance by Scheffersomyces stipitis on hemicellulosic sugarcane bagasse hydrolysate. Biochemical Engineering Journal, 2016, 112, 249-257.	3.6	20
12	Biochemical conversion of sugarcane straw hemicellulosic hydrolyzate supplemented with co-substrates for xylitol production. Bioresource Technology, 2016, 200, 1085-1088.	9.6	48
13	Evaluation of oxygen availability on ethanol production from sugarcane bagasse hydrolysate in a batch bioreactor using two strains of xylose-fermenting yeast. Renewable Energy, 2016, 87, 703-710.	8.9	48
14	Evaluation of fermentative potential of Kluyveromyces marxianus ATCC 36907 in cellulosic and hemicellulosic sugarcane bagasse hydrolysates on xylitol and ethanol production. Annals of Microbiology, 2015, 65, 687-694.	2.6	23
15	New cultive medium for bioconversion of C5 fraction from sugarcane bagasse using rice bran extract. Brazilian Journal of Microbiology, 2014, 45, 1469-1475.	2.0	10
16	Evaluation of fermentative performance of Candida guilliermondii in sugarcane bagasse hemicellulosic hydrolysate detoxified with activated charcoal or vegetal polymer. , 2012, , .		5
17	Evaluation of oat hull hemicellulosic hydrolysate fermentability employing Pichia stipitis. Brazilian Archives of Biology and Technology, 2012, 55, 771-777.	0.5	18
18	Evaluation of hexose and pentose in pre-cultivation of Candida guilliermondii on the key enzymes for xylitol production in sugarcane hemicellulosic hydrolysate. Biodegradation, 2011, 22, 815-822.	3.0	32

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19	Improvement of biotechnological xylitol production by glucose during cultive of Candida guilliermondii in sugarcane bagasse hydrolysate. Brazilian Archives of Biology and Technology, 2007, 50, 207-215.	0.5	27
20	Effect of glucose:xylose ratio on xylose reductase and xylitol dehydrogenase activities fromCandida guilliermondii in sugarcane bagasse hydrolysate. Journal of Chemical Technology and Biotechnology, 2006, 81, 1294-1300.	3.2	37
21	Evaluation of Inoculum of <I>Candida guilliermondii </I>Grown in Presence of Glucose on Xylose Reductase and Xylitol Dehydrogenase Activities and Xylitol Production During Batch Fermentation of Sugarcane Bagasse Hydrolysate. Applied Biochemistry and Biotechnology, 2005, 121, 0427-0438.	2.9	13
22	Inhibitory effect of acetic acid on bioconversion of xylose in xylitol by Candida guilliermondii in sugarcane bagasse hydrolysate. Brazilian Journal of Microbiology, 2004, 35, 248-254.	2.0	27