Kelly Dussan

List of Publications by Year
in descending order

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32	701	567144 15	580701 25
papers	citations	h-index	g-index

36	36	36	892
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diversity and Physiological Characterization of D-Xylose-Fermenting Yeasts Isolated from the Brazilian Amazonian Forest. PLoS ONE, 2012, 7, e43135.	1.1	106
2	Cellulases and xylanases production by endophytic fungi by solid state fermentation using lignocellulosic substrates and enzymatic saccharification of pretreated sugarcane bagasse. Industrial Crops and Products, 2018, 122, 66-75.	2.5	91
3	Analysis of a reactive extraction process for biodiesel production using a lipase immobilized on magnetic nanostructures. Bioresource Technology, 2010, 101, 9542-9549.	4.8	62
4	Immobilized microbial nanoparticles for biosorption. Critical Reviews in Biotechnology, 2020, 40, 653-666.	5.1	54
5	Biochemical conversion of sugarcane straw hemicellulosic hydrolyzate supplemented with co-substrates for xylitol production. Bioresource Technology, 2016, 200, 1085-1088.	4.8	48
6	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.	4.3	48
7	Enzymatic saccharification of acidâ€“alkali pretreated sugarcane bagasse using commercial enzyme preparations. Journal of Chemical Technology and Biotechnology, 2013, 88, 1266-1272.	1.6	30
8	Xylitol production by yeasts isolated from rotting wood in the GalÃ¡pagos Islands, Ecuador, and description of Cyberlindnera galapagoensis f.a., sp. nov.. Antonie Van Leeuwenhoek, 2015, 108, 919-931.	0.7	27
9	Xylitol-Sweetener Production from Barley Straw: Optimization of Acid Hydrolysis Condition with the Energy Consumption Simulation. Waste and Biomass Valorization, 2020, 11, 1837-1849.	1.8	25
10	Biochar production from sugarcane biomass using slow pyrolysis: Characterization of the solid fraction. Chemical Engineering and Processing: Process Intensification, 2022, 179, 109054.	1.8	23
11	Production and purification of xylitol by Scheffersomyces amazonenses via sugarcane hemicellulosic hydrolysate. Biofuels, Bioproducts and Biorefining, 2020, 14, 344-356.	1.9	21
12	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.	1.8	20
13	Bioethanol Production From Sugarcane Bagasse Hemicellulose Hydrolysate by Immobilized S. shehatae in a Fluidized Bed Fermenter Under Magnetic Field. Bioenergy Research, 2019, 12, 338-346.	2.2	20
14	Physicochemical and thermal characteristics of sugarcane straw and its cellulignin. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	0.8	18
15	Production of bioethanol in sugarcane bagasse hemicellulosic hydrolysate byScheffersomyces parashehatae,Scheffersomyces illinoinensisandSpathaspora arborariaeisolated from Brazilian ecosystems. Journal of Applied Microbiology, 2017, 123, 1203-1213.	1.4	17
16	Anaerobic digestion of hydrothermal liquefaction wastewater from spent coffee grounds. Biomass and Bioenergy, 2021, 148, 106030.	2.9	14
17	New trends in biogas production and utilization. , 2019, , 199-223.		10
18	Holocellulase Activity from Schizophyllum commune Grown on Bamboo: A Comparison with Different Substrates. Current Microbiology, 2011, 63, 581-587.	1.0	8

#	Article	IF	Citations
19	Biotechnological Production of Xylitol from Biomass. Biofuels and Biorefineries, 2017, , 311-342.	0.5	6
20	Cellulase Production by Trichosporon laibachii. Orbital, 2017, 9, .	0.1	6
21	Role of Nanoparticles in Enzymatic Hydrolysis of Lignocellulose in Ethanol. Green Chemistry and Sustainable Technology, 2017, , 153-171.	0.4	5
22	Biomass Pretreatment With Oxalic Acid for Value-Added Products. , 2016, , 187-208.		2
23	Pharmaceutical and Biomedical Applications of Magnetic Iron-Oxide Nanoparticles. , 2017, , 77-99.		2
24	Saccharification of acidâ€“alkali pretreated sugarcane bagasse using immobilized enzymes from Phomopsis stipata. 3 Biotech, 2022, 12, 39.	1.1	2
25	Repeated-batch fermentation of sugarcane bagasse hemicellulosic hydrolysate to ethanol using two xylose-fermenting yeasts. Biomass Conversion and Biorefinery, 2022, 12, 4321-4331.	2.9	2
26	Furfural Production Through Two Bioconversion Routes: Experimental Optimization and Process Simulation. Waste and Biomass Valorization, 2022, 13, 4013-4025.	1.8	2
27	Nanoparticles Emitted by Biomass Burning: Characterization and Monitoring of Risks. , 2018, , 253-279.		1
28	Fungal Enzymes Applied to Industrial Processes for Bioethanol Production. Fungal Biology, 2018, , 65-83.	0.3	1
29	The Role of Heterogeneous Catalysts in Converting Cellulose to Platform Chemicals. Nanotechnology in the Life Sciences, 2020, , 305-328.	0.4	1
30	Dry Deposition of Atmospheric Nanoparticles. Nanotechnology in the Life Sciences, 2021, , 585-618.	0.4	0
31	AVALIAÃ‡ÃƒO DA EFICÃCIA DA DESTOXIFICAÃ‡ÃƒO DO HIDROLISADO HEMICELULÃ“SICO DE PALHA DE CANA COM CARVÃƒO VEGETAL ATIVADO E BIOPOLÃMERO PARA A BIOPRODUÃ‡ÃƒO DE XILITOL. , 0, , .		0
32	DESLIGNIFICAÃ‡ÃƒO DO BAGAÃ‡O DE CANA-DE-AÃ‡ÃšCAR VISANDO A PRODUÃ‡ÃƒO DE ETANOL CELULÃ“SICO. , 0, , .		0