# Kelly Dussan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8047863/publications.pdf

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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 | Saccharification of acidâ€“alkali pretreated sugarcane bagasse using immobilized enzymes from Phomopsis stipata. 3 Biotech, 2022, 12, 39. | 1.1 | 2 |
| 2 | 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 |
| 3 | Furfural Production Through Two Bioconversion Routes: Experimental Optimization and Process Simulation. Waste and Biomass Valorization, 2022, 13, 4013-4025. | 1.8 | 2 |
| 4 | 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 |
| 5 | Dry Deposition of Atmospheric Nanoparticles. Nanotechnology in the Life Sciences, 2021, , 585-618. | 0.4 | 0 |
| 6 | Anaerobic digestion of hydrothermal liquefaction wastewater from spent coffee grounds. Biomass and Bioenergy, 2021, 148, 106030. | 2.9 | 14 |
| 7 | 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 |
| 8 | Production and purification of xylitol by Scheffersomyces amazonenses via sugarcane hemicellulosic hydrolysate. Biofuels, Bioproducts and Biorefining, 2020, 14, 344-356. | 1.9 | 21 |
| 9 | Immobilized microbial nanoparticles for biosorption. Critical Reviews in Biotechnology, 2020, 40, 653-666. | 5.1 | 54 |
| 10 | The Role of Heterogeneous Catalysts in Converting Cellulose to Platform Chemicals. Nanotechnology in the Life Sciences, 2020, , 305-328. | 0.4 | 1 |
| 11 | New trends in biogas production and utilization. , 2019, , 199-223. | | 10 |
| 12 | 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 |
| 13 | Nanoparticles Emitted by Biomass Burning: Characterization and Monitoring of Risks. , 2018, , 253-279. | | 1 |
| 14 | 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 |
| 15 | Fungal Enzymes Applied to Industrial Processes for Bioethanol Production. Fungal Biology, 2018, , 65-83. | 0.3 | 1 |
| 16 | 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 |
| 17 | Role of Nanoparticles in Enzymatic Hydrolysis of Lignocellulose in Ethanol. Green Chemistry and Sustainable Technology, 2017, , 153-171. | 0.4 | 5 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Pharmaceutical and Biomedical Applications of Magnetic Iron-Oxide Nanoparticles. , 2017, , 77-99. | | 2 |
| 20 | Biotechnological Production of Xylitol from Biomass. Biofuels and Biorefineries, 2017, , 311-342. | 0.5 | 6 |
| 21 | Cellulase Production by Trichosporon laibachii. Orbital, 2017, 9, . | 0.1 | 6 |
| 22 | Biomass Pretreatment With Oxalic Acid for Value-Added Products. , 2016, , 187-208. | | 2 |
| 23 | 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 |
| 24 | Biochemical conversion of sugarcane straw hemicellulosic hydrolyzate supplemented with co-substrates for xylitol production. Bioresource Technology, 2016, 200, 1085-1088. | 4.8 | 48 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Diversity and Physiological Characterization of D-Xylose-Fermenting Yeasts Isolated from the Brazilian Amazonian Forest. PLoS ONE, 2012, 7, e43135. | 1.1 | 106 |
| 29 | Holocellulase Activity from Schizophyllum commune Grown on Bamboo: A Comparison with Different Substrates. Current Microbiology, 2011, 63, 581-587. | 1.0 | 8 |
| 30 | 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 |
| 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 |