

Denise S Ruzene

List of Publications by Year in descending order

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37
papers

713
citations

516681

16
h-index

552766

26
g-index

37
all docs

37
docs citations

37
times ranked

982
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioethanol production from hydrothermal pretreated wheat straw by a flocculating <i>Saccharomyces cerevisiae</i> strain – Effect of process conditions. <i>Fuel</i> , 2012, 95, 528-536.	6.4	100
2	Development and Characterization of an Environmentally Friendly Process Sequence (Autohydrolysis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 629-641.	2.9	88
3	An Alternative Application to the Portuguese Agro-Industrial Residue: Wheat Straw. <i>Applied Biochemistry and Biotechnology</i> , 2008, 147, 85-96.	2.9	47
4	Thermodynamic equilibrium model based on stoichiometric method for biomass gasification: A review of model modifications. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 114, 109305.	16.4	45
5	Evaluation of a hydrothermal process for pretreatment of wheat straw – effect of particle size and process conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 88-94.	3.2	43
6	Production of xylanase and β -xylosidase from autohydrolysis liquor of corncob using two fungal strains. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1185-1192.	3.4	35
7	Xylanase and β -Xylosidase Production by <i>Aspergillus ochraceus</i> : New Perspectives for the Application of Wheat Straw Autohydrolysis Liquor. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 336-347.	2.9	30
8	Integrated Processes for Use of Pulps and Lignins Obtained from Sugarcane Bagasse and Straw: A Review of Recent Efforts in Brazil. <i>Applied Biochemistry and Biotechnology</i> , 2005, 123, 0821-0826.	2.9	28
9	Production of xylanolytic enzymes by <i>Aspergillus terricola</i> in stirred tank and airlift tower loop bioreactors. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011, 38, 1979-1984.	3.0	25
10	Integral use of lignocellulosic residues from different sunflower accessions: Analysis of the production potential for biofuels. <i>Journal of Cleaner Production</i> , 2019, 221, 430-438.	9.3	24
11	Mycoremediation of vinasse by surface response methodology and preliminary studies in air-lift bioreactors. <i>Chemosphere</i> , 2020, 244, 125432.	8.2	19
12	Evaluation of a new strategy in the elaboration of culture media to produce surfactin from hemicellulosic corncob liquor. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 24, e00364.	4.4	18
13	Bromelain Enzyme from Pineapple: In Vitro Activity Study under Different Micropropagation Conditions. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 234-246.	2.9	17
14	Prospecting fungal ligninases using corncob lignocellulosic fractions. <i>Cellulose</i> , 2017, 24, 4355-4365.	4.9	17
15	Sunflower stalk as a carbon source inductive for fungal xylanase production. <i>Industrial Crops and Products</i> , 2020, 153, 112368.	5.2	17
16	Bleachability and Characterization by Fourier Transform Infrared Principal Component Analysis of Acetosolv Pulps Obtained from Sugarcane Bagasse. <i>Applied Biochemistry and Biotechnology</i> , 2001, 91-93, 63-70.	2.9	16
17	Carboxymethylcellulose obtained by ethanol/water organosolv process under acid conditions. <i>Applied Biochemistry and Biotechnology</i> , 2007, 137-140, 573-582.	2.9	16
18	Cellulose from Lignocellulosic Waste. , 2015, , 475-511.		16

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19	Cellulosic Films Obtained from the Treatment of Sugarcane Bagasse Fibers with N-methylmorpholine-N-oxide (NMMO). <i>Applied Biochemistry and Biotechnology</i> , 2009, 154, 38-47.	2.9	14
20	Valorization of Pineapple Waste: a Review on How the Fruit's Potential Can Reduce Residue Generation. <i>Bioenergy Research</i> , 2022, 15, 924-934.	3.9	14
21	An overview of applications in pineapple agroindustrial residues. <i>Acta Agriculturae Slovenica</i> , 2018, 111, 445.	0.3	12
22	Production of Biomass-Degrading Enzymes by <i>Trichoderma reesei</i> Using Liquid Hot Water-Pretreated Corn cob in Different Conditions of Oxygen Transfer. <i>Bioenergy Research</i> , 2019, 12, 583-592.	3.9	10
23	Influence of Pressure in Ethanol/Water Pulping of Sugarcane Bagasse. <i>Applied Biochemistry and Biotechnology</i> , 2003, 105, 195-204.	2.9	8
24	A Bibliometric Study on the Application of Advanced Oxidation Processes for Produced Water Treatment. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	8
25	Effect of Dose of Xylanase on Bleachability of Sugarcane Bagasse Ethanol/Water Pulps. <i>Applied Biochemistry and Biotechnology</i> , 2003, 108, 769-774.	2.9	7
26	A Bibliometric Description of Lignin Applicability for the Removal of Chemical Pollutants in Effluents. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	7
27	Cellulose from Lignocellulosic Waste. , 2014, , 1-33.		6
28	Prospecting of soybean hulls as an inducer carbon source for the cellulase production. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 743-749.	1.9	6
29	Biosurfactants produced from corncob: a bibliometric perspective of a renewable and promising substrate. <i>Preparative Biochemistry and Biotechnology</i> , 2022, 52, 123-134.	1.9	5
30	Carboxymethylcellulose Obtained by Ethanol/Water Organosolv Process Under Acid Conditions. , 2007, , 573-582.		4
31	Ethanol/water pulp enzymatic pretreatment: Chemical and FTIR-PCA analyses. <i>Chemical Papers</i> , 2007, 61, .	2.2	3
32	Alcohol and Health: Standards of Consumption, Benefits and Harm - a Review. <i>Czech Journal of Food Sciences</i> , 2018, 36, 427-440.	1.2	3
33	An Alternative Application to the Portuguese Agro-Industrial Residue: Wheat Straw. , 2007, , 453-464.		3
34	Effect of Dose of Xylanase on Bleachability of Sugarcane Bagasse Ethanol/Water Pulps. , 2003, , 769-774.		1
35	Utilization of corncob as adsorbent to remove oil and grease from produced water. <i>Petroleum Science and Technology</i> , 2023, 41, 477-492.	1.5	1
36	Integrated Processes for Use of Pulps and Lignins Obtained from Sugarcane Bagasse and Straw. , 2005, , 821-826.		0

#	ARTICLE	IF	CITATIONS
37	Metadata analysis of systematic literature reviews on academic spin-offs. International Journal for Innovation Education and Research, 2022, 10, 259-282.	0.1	0