

# Denise S Ruzene

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3137867/denise-s-ruzene-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36  
papers

566  
citations

14  
h-index

23  
g-index

37  
ext. papers

637  
ext. citations

3.9  
avg, IF

3.56  
L-index

#	Paper	IF	Citations
36	Bioethanol production from hydrothermal pretreated wheat straw by a flocculating <i>Saccharomyces cerevisiae</i> strain [Effect of process conditions. <i>Fuel</i> , <b>2012</b> , 95, 528-536	7.1	85
35	Development and characterization of an environmentally friendly process sequence (autohydrolysis and organosolv) for wheat straw delignification. <i>Applied Biochemistry and Biotechnology</i> , <b>2011</b> , 164, 629-41	3.2	80
34	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> , <b>2011</b> , 86, 88-94	3.5	40
33	An alternative application to the Portuguese agro-industrial residue: wheat straw. <i>Applied Biochemistry and Biotechnology</i> , <b>2008</b> , 147, 85-96	3.2	40
32	Production of xylanase and $\beta$ -xylosidase from autohydrolysis liquor of corncob using two fungal strains. <i>Bioprocess and Biosystems Engineering</i> , <b>2012</b> , 35, 1185-92	3.7	33
31	Xylanase and $\beta$ -xylosidase production by <i>Aspergillus ochraceus</i> : new perspectives for the application of wheat straw autohydrolysis liquor. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 166, 336-47	3.2	26
30	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> , <b>2005</b> , 121-124, 821-6	3.2	25
29	Thermodynamic equilibrium model based on stoichiometric method for biomass gasification: A review of model modifications. <i>Renewable and Sustainable Energy Reviews</i> , <b>2019</b> , 114, 109305	16.2	22
28	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> , <b>2011</b> , 38, 1979-84	4.2	22
27	Integral use of lignocellulosic residues from different sunflower accessions: Analysis of the production potential for biofuels. <i>Journal of Cleaner Production</i> , <b>2019</b> , 221, 430-438	10.3	16
26	Prospecting fungal ligninases using corncob lignocellulosic fractions. <i>Cellulose</i> , <b>2017</b> , 24, 4355-4365	5.5	16
25	Bleachability and characterization by Fourier transform infrared principal component analysis of Acetosolv pulps obtained from sugarcane bagasse. <i>Applied Biochemistry and Biotechnology</i> , <b>2001</b> , 91-93, 63-70	3.2	16
24	Cellulose from Lignocellulosic Waste <b>2015</b> , 475-511		15
23	Carboxymethylcellulose obtained by ethanol/water organosolv process under acid conditions. <i>Applied Biochemistry and Biotechnology</i> , <b>2007</b> , 137-140, 573-82	3.2	14
22	Cellulosic films obtained from the treatment of sugarcane bagasse fibers with N-methylmorpholine-N-oxide (NMMO). <i>Applied Biochemistry and Biotechnology</i> , <b>2009</b> , 154, 38-47	3.2	12
21	Sunflower stalk as a carbon source inductive for fungal xylanase production. <i>Industrial Crops and Products</i> , <b>2020</b> , 153, 112368	5.9	11
20	Evaluation of a new strategy in the elaboration of culture media to produce surfactin from hemicellulosic corncob liquor. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , <b>2019</b> , 24, e00364	5.3	10

19	Mycoremediation of vinasse by surface response methodology and preliminary studies in air-lift bioreactors. <i>Chemosphere</i> , <b>2020</b> , 244, 125432	8.4	10
18	An overview of applications in pineapple agroindustrial residues. <i>Acta Agriculturae Slovenica</i> , <b>2018</b> , 111, 445	1.3	10
17	Bromelain enzyme from pineapple: in vitro activity study under different micropropagation conditions. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 168, 234-46	3.2	8
16	Production of Biomass-Degrading Enzymes by <i>Trichoderma reesei</i> Using Liquid Hot Water-Pretreated Corncob in Different Conditions of Oxygen Transfer. <i>Bioenergy Research</i> , <b>2019</b> , 12, 583-592	3.1	7
15	Influence of pressure in ethanol/water pulping of sugarcane bagasse. <i>Applied Biochemistry and Biotechnology</i> , <b>2003</b> , 105 -108, 195-204	3.2	7
14	Effect of dose of xylanase on bleachability of sugarcane bagasse ethanol/water pulps. <i>Applied Biochemistry and Biotechnology</i> , <b>2003</b> , 105 -108, 769-74	3.2	7
13	Cellulose from Lignocellulosic Waste <b>2014</b> , 1-33		6
12	Prospecting of soybean hulls as an inducer carbon source for the cellulase production. <i>Preparative Biochemistry and Biotechnology</i> , <b>2018</b> , 48, 743-749	2.4	6
11	Carboxymethylcellulose Obtained by Ethanol/Water Organosolv Process Under Acid Conditions <b>2007</b> , 573-582		4
10	Valorization of Pineapple Waste: a Review on How the Fruit's Potential Can Reduce Residue Generation. <i>Bioenergy Research</i> , 1	3.1	4
9	Biosurfactants produced from corncob: a bibliometric perspective of a renewable and promising substrate. <i>Preparative Biochemistry and Biotechnology</i> , <b>2021</b> , 1-12	2.4	3
8	A Bibliometric Study on the Application of Advanced Oxidation Processes for Produced Water Treatment. <i>Water, Air, and Soil Pollution</i> , <b>2021</b> , 232, 1	2.6	3
7	A Bibliometric Description of Lignin Applicability for the Removal of Chemical Pollutants in Effluents. <i>Water, Air, and Soil Pollution</i> , <b>2020</b> , 231, 1	2.6	2
6	Ethanol/water pulp enzymatic pretreatment: Chemical and FTIR-PCA analyses. <i>Chemical Papers</i> , <b>2007</b> , 61,	1.9	2
5	An Alternative Application to the Portuguese Agro-Industrial Residue: Wheat Straw <b>2007</b> , 453-464		2
4	Alcohol and Health: Standards of Consumption, Benefits and Harm – Review. <i>Czech Journal of Food Sciences</i> , <b>2019</b> , 36, 427-440	1.3	1
3	Effect of Dose of Xylanase on Bleachability of Sugarcane Bagasse Ethanol/Water Pulps <b>2003</b> , 769-774		1
2	Integrated Processes for Use of Pulps and Lignins Obtained from Sugarcane Bagasse and Straw <b>2005</b> , 821-826		

1 Utilization of corncob as adsorbent to remove oil and grease from produced water. *Petroleum Science and Technology*,1-16

1.4