

# Adenise L Woiciechowski

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8238778/adenise-l-woiciechowski-publications-by-citations.pdf>

**Version:** 2024-04-24

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.

67  
papers

1,506  
citations

20  
h-index

37  
g-index

68  
ext. papers

1,906  
ext. citations

5.1  
avg. IF

4.98  
L-index

#	Paper	IF	Citations
67	Recent developments and innovations in solid state fermentation. <i>Biotechnology Research and Innovation</i> , <b>2017</b> , 1, 52-71	10.1	232
66	Lignocellulosic biomass: Acid and alkaline pretreatments and their effects on biomass recalcitrance - Conventional processing and recent advances. <i>Bioresource Technology</i> , <b>2020</b> , 304, 122848	11	106
65	Pretreatment strategies for delignification of sugarcane bagasse: a review. <i>Brazilian Archives of Biology and Technology</i> , <b>2013</b> , 56, 679-689	1.8	84
64	Current advances in on-site cellulase production and application on lignocellulosic biomass conversion to biofuels: A review. <i>Biomass and Bioenergy</i> , <b>2020</b> , 132, 105419	5.3	83
63	Lignin preparation from oil palm empty fruit bunches by sequential acid/alkaline treatment--A biorefinery approach. <i>Bioresource Technology</i> , <b>2015</b> , 194, 172-8	11	64
62	Lignin as a potential source of high-added value compounds: A review. <i>Journal of Cleaner Production</i> , <b>2020</b> , 263, 121499	10.3	62
61	Conducting starter culture-controlled fermentations of coffee beans during on-farm wet processing: Growth, metabolic analyses and sensorial effects. <i>Food Research International</i> , <b>2015</b> , 75, 348-356	7.356	60
60	Second Generation Ethanol Production from Brewers Spent Grain. <i>Energies</i> , <b>2015</b> , 8, 2575-2586	3.1	59
59	Steam explosion pretreatment of oil palm empty fruit bunches (EFB) using autocatalytic hydrolysis: A biorefinery approach. <i>Bioresource Technology</i> , <b>2016</b> , 199, 173-180	11	57
58	Experimental design to enhance the production of l-(+)-lactic acid from steam-exploded wood hydrolysate using <i>Rhizopus oryzae</i> in a mixed-acid fermentation. <i>Process Biochemistry</i> , <b>1999</b> , 34, 949-955	4.8	48
57	Acid and enzymatic hydrolysis to recover reducing sugars from cassava bagasse: an economic study. <i>Brazilian Archives of Biology and Technology</i> , <b>2002</b> , 45, 393-400	1.8	47
56	Biorefinery integration of microalgae production into cassava processing industry: Potential and perspectives. <i>Bioresource Technology</i> , <b>2018</b> , 247, 1165-1172	11	42
55	Energetic and economic analysis of ethanol, xylitol and lignin production using oil palm empty fruit bunches from a Brazilian factory. <i>Journal of Cleaner Production</i> , <b>2018</b> , 195, 44-55	10.3	38
54	Potential of lactic acid bacteria to improve the fermentation and quality of coffee during on-farm processing. <i>International Journal of Food Science and Technology</i> , <b>2016</b> , 51, 1689-1695	3.8	36
53	Ethanol production from soybean molasses by <i>Zymomonas mobilis</i> . <i>Biomass and Bioenergy</i> , <b>2012</b> , 44, 80-86	5.3	34
52	Biological activities and thermal behavior of lignin from oil palm empty fruit bunches as potential source of chemicals of added value. <i>Industrial Crops and Products</i> , <b>2016</b> , 94, 630-637	5.9	33
51	Biohydrogen production in cassava processing wastewater using microbial consortia: Process optimization and kinetic analysis of the microbial community. <i>Bioresource Technology</i> , <b>2020</b> , 309, 123331	11	29

50	Current analysis and future perspective of reduction in worldwide greenhouse gases emissions by using first and second generation bioethanol in the transportation sector. <i>Bioresource Technology Reports</i> , <b>2019</b> , 7, 100234	4.1	26
49	Lignocellulosic Bioethanol: Current Status and Future Perspectives <b>2011</b> , 101-122		25
48	Citric acid production by solid-state fermentation on a semi-pilot scale using different percentages of treated cassava bagasse. <i>Brazilian Journal of Chemical Engineering</i> , <b>2005</b> , 22, 547-555	1.7	24
47	Xanthan gum production from cassava bagasse hydrolysate with <i>Xanthomonas campestris</i> using alternative sources of nitrogen. <i>Applied Biochemistry and Biotechnology</i> , <b>2004</b> , 118, 305-12	3.2	19
46	Pulp improvement of oil palm empty fruit bunches associated to solid-state biopulping and biobleaching with xylanase and lignin peroxidase cocktail produced by <i>Aspergillus</i> sp. LPB-5. <i>Bioresource Technology</i> , <b>2019</b> , 285, 121361	11	18
45	Current developments and challenges of green technologies for the valorization of liquid, solid, and gaseous wastes from sugarcane ethanol production. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124059	12.8	17
44	Effect of sequential acid-alkaline treatment on physical and chemical characteristics of lignin and cellulose from pine ( <i>Pinus</i> spp.) residual sawdust. <i>Bioresource Technology</i> , <b>2020</b> , 316, 123884	11	16
43	Phytase produced on citric byproducts: purification and characterization. <i>World Journal of Microbiology and Biotechnology</i> , <b>2011</b> , 27, 267-274	4.4	15
42	Thermoanalytical and starch content evaluation of cassava bagasse as agro-industrial residue. <i>Brazilian Archives of Biology and Technology</i> , <b>2009</b> , 52, 143-150	1.8	15
41	Solid-state fermentation technology and innovation for the production of agricultural and animal feed bioproducts. <i>Systems Microbiology and Biomanufacturing</i> , <b>2021</b> , 1, 142-165		15
40	Bioeconomy and biofuels: the case of sugarcane ethanol in Brazil. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2021</b> , 15, 899-912	5.3	15
39	Propriedades Físicas, Químicas e de Barreira em Filme Formados por Blenda de Celulose Bacteriana e Fêcula de Batata. <i>Polímeros</i> , <b>2013</b> , 23, 538-546	1.6	12
38	Microalgal biorefineries: Integrated use of liquid and gaseous effluents from bioethanol industry for efficient biomass production. <i>Bioresource Technology</i> , <b>2019</b> , 292, 121955	11	11
37	Selection of the Strain <i>Lactobacillus acidophilus</i> ATCC 43121 and Its Application to Brewers' Spent Grain Conversion into Lactic Acid. <i>BioMed Research International</i> , <b>2015</b> , 2015, 240231	3	11
36	Biotechnological process for producing black bean slurry without stachyose. <i>Food Research International</i> , <b>2009</b> , 42, 425-429	7	9
35	Flavor Compounds Produced by Fungi, Yeasts, and Bacteria		9
34	Feedstocks for Biofuels. <i>Green Energy and Technology</i> , <b>2016</b> , 15-39	0.6	8
33	Minerals consumption by <i>Acetobacter xylinum</i> on cultivation medium on coconut water. <i>Brazilian Journal of Microbiology</i> , <b>2013</b> , 44, 197-206	2.2	8

32	INCREASE IN PHYTASE SYNTHESIS DURING CITRIC PULP FERMENTATION. <i>Chemical Engineering Communications</i> , <b>2010</b> , 198, 286-297	2.2	8
31	Monitoring fermentation parameters during phytase production in column-type bioreactor using a new data acquisition system. <i>Bioprocess and Biosystems Engineering</i> , <b>2010</b> , 33, 1033-41	3.7	8
30	Utilization of the biorreactor of imersion by bubbles at the micropropagation of Ananas comosus L. Merrill. <i>Brazilian Archives of Biology and Technology</i> , <b>2009</b> , 52, 37-43	1.8	8
29	Microbial Pigments <b>2014</b> , 73-97		8
28	The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems <b>2013</b> , 39-64		7
27	Production of Cellulases by Phanerochaete sp. Using Empty Fruit Bunches of Palm (EFB) as Substrate: Optimization and Scale-Up of Process in Bubble Column and Stirred Tank Bioreactors (STR). <i>Waste and Biomass Valorization</i> , <b>2016</b> , 7, 1327-1337	3.2	7
26	Enhancement of biohydrogen production in industrial wastewaters with vinasse pond consortium using lignin-mediated iron nanoparticles. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 27431-27443	6.7	7
25	Citric acid assisted hydrothermal pretreatment for the extraction of pectin and xylooligosaccharides production from cocoa pod husks. <i>Bioresource Technology</i> , <b>2022</b> , 343, 126074	11	7
24	Evaluation of poultry litter traditional composting process. <i>Brazilian Archives of Biology and Technology</i> , <b>2011</b> , 54, 1053-1058	1.8	6
23	A simplified model for A. Niger FS3 growth during phytase formation in solid State fermentation. <i>Brazilian Archives of Biology and Technology</i> , <b>2009</b> , 52, 151-158	1.8	5
22	Lignin from oil palm empty fruit bunches: Characterization, biological activities and application in green synthesis of silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 167, 1499-1507	7.9	5
21	Bioethanol from Soybean Molasses. <i>Green Energy and Technology</i> , <b>2016</b> , 241-254	0.6	4
20	Use of soybean vinasses as a germinant medium for a Geobacillus stearothermophilus ATCC 7953 sterilization biological indicator. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 90, 713-9	5.7	4
19	Utilizaçã da cama de frango em meio de cultivo de Bacillus thuringiensis var. israelensis Berliner para o controle de Aedes aegypti Linnaeus. <i>Journal of Biotechnology and Biodiversity</i> , <b>2011</b> , 2, 1-6	0.3	4
18	Analysis and glycosyl composition of the exopolysaccharide isolated from submerged fermentation of Ganoderma lucidum CG144. <i>Acta Societatis Botanicorum Poloniae</i> , <b>2014</b> , 83, 239-241	1.5	4
17	Sequential chemical and enzymatic pretreatment of palm empty fruit bunches for Candida pelliculosa bioethanol production. <i>Biotechnology and Applied Biochemistry</i> , <b>2020</b> , 67, 723-731	2.8	4
16	Agro-industrial wastewater in a circular economy: Characteristics, impacts and applications for bioenergy and biochemicals. <i>Bioresource Technology</i> , <b>2021</b> , 341, 125795	11	4
15	Biofiltration of gasoline and ethanol-amended gasoline vapors. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2012</b> , 47, 1008-16	2.3	3

14	Biofiltration of increasing concentration gasoline vapors with different ethanol proportions. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2012</b> , 87, 791-796	3.5	3
13	Some Applications of Artificial Intelligence on Biotechnology. <i>Journal of Biotechnology and Biodiversity</i> , <b>2014</b> , 5, 1-11	0.3	3
12	The potential of sweet potato biorefinery and development of alternative uses. <i>SN Applied Sciences</i> , <b>2021</b> , 3, 347	1.8	3
11	Roles and impacts of bioethanol and biodiesel on climate change mitigation <b>2022</b> , 373-400		2
10	Life-Cycle Assessment of Biofuels. <i>Green Energy and Technology</i> , <b>2016</b> , 485-500	0.6	1
9	Relation between Respirometric Data and Amylolytic Enzyme Production by SSF in Column-Type Bioreactor. <i>International Journal of Chemical Reactor Engineering</i> , <b>2007</b> , 5,	1.2	1
8	Hydrolysis of Coffee Husk: Process Optimization to Recover Its Fermentable Sugar <b>2000</b> , 409-417		1
7	Biofiltration of volatile organic compounds of Brazilian gasoline. <i>Brazilian Archives of Biology and Technology</i> , <b>2014</b> , 57, 119-125	1.8	1
6	Bioethanol and succinic acid co-production from imidazole-pretreated soybean hulls. <i>Industrial Crops and Products</i> , <b>2021</b> , 172, 114060	5.9	1
5	Pretreatment Strategies to Enhance Value Addition of Agro-industrial Wastes <b>2014</b> , 29-49		0
4	Flavor Production by Solid and Liquid Fermentation 193-203		0
3	Valorization of solid and liquid wastes from palm oil industry <b>2021</b> , 235-265		0
2	Valorization of lignin from pine ( <i>Pinus</i> spp.) residual sawdust: antioxidant activity and application in the green synthesis of silver nanoparticles for antibacterial purpose. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	0
1	Pentose-rich hydrolysate from oil palm empty fruit bunches for D-glucan production using <i>Pichia jadinii</i> and <i>Cyberlindnera jadinii</i> . <i>Bioresource Technology</i> , <b>2021</b> , 320, 124212	11	