

# Adenise L Woiciechowski

## List of Publications by Year in Descending Order

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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 | Roles and impacts of bioethanol and biodiesel on climate change mitigation <b>2022</b> , 373-400   |      | 2         |
| 66 | 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         |
| 65 | 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        |
| 64 | 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        |
| 63 | 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         |
| 62 | 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   |           |
| 61 | Valorization of solid and liquid wastes from palm oil industry <b>2021</b> , 235-265   |      | 0         |
| 60 | The potential of sweet potato biorefinery and development of alternative uses. <i>SN Applied Sciences</i> , <b>2021</b> , 3, 347   | 1.8  | 3         |
| 59 | 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        |
| 58 | 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         |
| 57 | 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         |
| 56 | 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         |
| 55 | 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       |
| 54 | 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        |
| 53 | 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        |
| 52 | 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        |
| 51 | 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        |

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|----|---|-------|-----|
| 50 | Sequential chemical and enzymatic pretreatment of palm empty fruit bunches for <i>Candida pelliculosa</i> bioethanol production. <i>Biotechnology and Applied Biochemistry</i> , <b>2020</b> , 67, 723-731  | 2.8   | 4   |
| 49 | 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  |
| 48 | 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  |
| 47 | 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  |
| 46 | Biorefinery integration of microalgae production into cassava processing industry: Potential and perspectives. <i>Bioresource Technology</i> , <b>2018</b> , 247, 1165-1172   | 11    | 42  |
| 45 | 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  |
| 44 | Recent developments and innovations in solid state fermentation. <i>Biotechnology Research and Innovation</i> , <b>2017</b> , 1, 52-71  | 10.1  | 232 |
| 43 | Bioethanol from Soybean Molasses. <i>Green Energy and Technology</i> , <b>2016</b> , 241-254  | 0.6   | 4   |
| 42 | Feedstocks for Biofuels. <i>Green Energy and Technology</i> , <b>2016</b> , 15-39   | 0.6   | 8   |
| 41 | Life-Cycle Assessment of Biofuels. <i>Green Energy and Technology</i> , <b>2016</b> , 485-500   | 0.6   | 1   |
| 40 | 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  |
| 39 | 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  |
| 38 | Production of Cellulases by <i>Phanerochaete</i> 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   |
| 37 | 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  |
| 36 | Second Generation Ethanol Production from Brewers' Spent Grain. <i>Energies</i> , <b>2015</b> , 8, 2575-2586  | 3.1   | 59  |
| 35 | 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  |
| 34 | 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  |
| 33 | 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  |

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|----|--|-----|----|
| 32 | Pretreatment Strategies to Enhance Value Addition of Agro-industrial Wastes <b>2014</b> , 29-49  |     | 0  |
| 31 | 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  |
| 30 | Some Applications of Artificial Intelligence on Biotechnology. <i>Journal of Biotechnology and Biodiversity</i> , <b>2014</b> , 5, 1-11  | 0.3 | 3  |
| 29 | Analysis and glycosyl composition of the exopolysaccharide isolated from submerged fermentation of <i>Ganoderma lucidum</i> CG144. <i>Acta Societatis Botanicorum Poloniae</i> , <b>2014</b> , 83, 239-241                                 | 1.5 | 4  |
| 28 | Microbial Pigments <b>2014</b> , 73-97   |     | 8  |
| 27 | The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems <b>2013</b> , 39-64  |     | 7  |
| 26 | Propriedades Físicas, Químicas e de Barreira em Filme Formados por Blenda de Celulose Bacteriana e Fôcula de Batata. <i>Polimeros</i> , <b>2013</b> , 23, 538-546  | 1.6 | 12 |
| 25 | 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  |
| 24 | 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 |
| 23 | 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  |
| 22 | Ethanol production from soybean molasses by <i>Zymomonas mobilis</i> . <i>Biomass and Bioenergy</i> , <b>2012</b> , 44, 80-86  | 5.3 | 34 |
| 21 | 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  |
| 20 | Lignocellulosic Bioethanol: Current Status and Future Perspectives <b>2011</b> , 101-122   |     | 25 |
| 19 | Evaluation of poultry litter traditional composting process. <i>Brazilian Archives of Biology and Technology</i> , <b>2011</b> , 54, 1053-1058   | 1.8 | 6  |
| 18 | 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 |
| 17 | Use of soybean vinasses as a germinant medium for a <i>Geobacillus stearothermophilus</i> ATCC 7953 sterilization biological indicator. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 90, 713-9                            | 5.7 | 4  |
| 16 | Utilizaçã da cama de frango em meio de cultivo de <i>Bacillus thuringiensis</i> var. <i>israelensis</i> Berliner para o controle de <i>Aedes aegypti</i> Linnaeus. <i>Journal of Biotechnology and Biodiversity</i> , <b>2011</b> , 2, 1-6 | 0.3 | 4  |
| 15 | INCREASE IN PHYTASE SYNTHESIS DURING CITRIC PULP FERMENTATION. <i>Chemical Engineering Communications</i> , <b>2010</b> , 198, 286-297   | 2.2 | 8  |

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|----|---|-----|----|
| 14 | 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  |
| 13 | 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 |
| 12 | 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  |
| 11 | Biotechnological process for producing black bean slurry without stachyose. <i>Food Research International</i> , <b>2009</b> , 42, 425-429  | 7   | 9  |
| 10 | 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  |
| 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  | 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 |
| 7  | 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 |
| 6  | 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 |
| 5  | Hydrolysis of Coffee Husk: Process Optimization to Recover Its Fermentable Sugar <b>2000</b> , 409-417  |     | 1  |
| 4  | 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 <sup>4.8</sup> | 4.8 | 48 |
| 3  | Flavor Compounds Produced by Fungi, Yeasts, and Bacteria 179-191  |     | 9  |
| 2  | Flavor Production by Solid and Liquid Fermentation 193-203  |     | 0  |
| 1  | 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  |