

Adenise L Woiciechowski

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,402
citations

236925

25
h-index

214800

47
g-index

68
all docs

68
docs citations

68
times ranked

2776
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments and innovations in solid state fermentation. <i>Biotechnology Research and Innovation</i> , 2017, 1, 52-71.	0.9	311
2	Lignocellulosic biomass: Acid and alkaline pretreatments and their effects on biomass recalcitrance – Conventional processing and recent advances. <i>Bioresource Technology</i> , 2020, 304, 122848.	9.6	220
3	Lignin as a potential source of high-added value compounds: A review. <i>Journal of Cleaner Production</i> , 2020, 263, 121499.	9.3	159
4	Current advances in on-site cellulase production and application on lignocellulosic biomass conversion to biofuels: A review. <i>Biomass and Bioenergy</i> , 2020, 132, 105419.	5.7	136
5	Pretreatment strategies for delignification of sugarcane bagasse: a review. <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 679-689.	0.5	115
6	Conducting starter culture-controlled fermentations of coffee beans during on-farm wet processing: Growth, metabolic analyses and sensorial effects. <i>Food Research International</i> , 2015, 75, 348-356.	6.2	108
7	Lignin preparation from oil palm empty fruit bunches by sequential acid/alkaline treatment – A biorefinery approach. <i>Bioresource Technology</i> , 2015, 194, 172-178.	9.6	82
8	Steam explosion pretreatment of oil palm empty fruit bunches (EFB) using autocatalytic hydrolysis: A biorefinery approach. <i>Bioresource Technology</i> , 2016, 199, 173-180.	9.6	76
9	Second Generation Ethanol Production from Brewers™ Spent Grain. <i>Energies</i> , 2015, 8, 2575-2586.	3.1	69
10	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> , 2016, 51, 1689-1695.	2.7	66
11	Acid and enzymatic hydrolysis to recover reducing sugars from cassava bagasse: an economic study. <i>Brazilian Archives of Biology and Technology</i> , 2002, 45, 393-400.	0.5	66
12	Biorefinery integration of microalgae production into cassava processing industry: Potential and perspectives. <i>Bioresource Technology</i> , 2018, 247, 1165-1172.	9.6	59
13	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> , 1999, 34, 949-955.	3.7	52
14	Biohydrogen production in cassava processing wastewater using microbial consortia: Process optimization and kinetic analysis of the microbial community. <i>Bioresource Technology</i> , 2020, 309, 123331.	9.6	51
15	Bioeconomy and biofuels: the case of sugarcane ethanol in Brazil. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 899-912.	3.7	47
16	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> , 2016, 94, 630-637.	5.2	45
17	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> , 2018, 195, 44-55.	9.3	45
18	Ethanol production from soybean molasses by <i>Zymomonas mobilis</i> . <i>Biomass and Bioenergy</i> , 2012, 44, 80-86.	5.7	41

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19	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> , 2019, 7, 100234.	2.7	40
20	Effect of sequential acid-alkaline treatment on physical and chemical characteristics of lignin and cellulose from pine (<i>Pinus spp.</i>) residual sawdust. <i>Bioresource Technology</i> , 2020, 316, 123884.	9.6	40
21	Solid-state fermentation technology and innovation for the production of agricultural and animal feed bioproducts. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 142-165.	2.9	38
22	Agro-industrial wastewater in a circular economy: Characteristics, impacts and applications for bioenergy and biochemicals. <i>Bioresource Technology</i> , 2021, 341, 125795.	9.6	37
23	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> , 2005, 22, 547-555.	1.3	32
24	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 sp.</i> LPB-5. <i>Bioresource Technology</i> , 2019, 285, 121361.	9.6	32
25	Lignocellulosic Bioethanol. , 2011, , 101-122.		30
26	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> , 2021, 404, 124059.	12.4	30
27	Citric acid assisted hydrothermal pretreatment for the extraction of pectin and xylooligosaccharides production from cocoa pod husks. <i>Bioresource Technology</i> , 2022, 343, 126074.	9.6	27
28	Xanthan Gum Production From Cassava Bagasse Hydrolysate With <i>Xanthomonas campestris</i> Using Alternative Sources of Nitrogen. <i>Applied Biochemistry and Biotechnology</i> , 2004, 118, 305-312.	2.9	23
29	Microalgal biorefineries: Integrated use of liquid and gaseous effluents from bioethanol industry for efficient biomass production. <i>Bioresource Technology</i> , 2019, 292, 121955.	9.6	22
30	Enhancement of biohydrogen production in industrial wastewaters with vinasse pond consortium using lignin-mediated iron nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 27431-27443.	7.1	22
31	Phytase produced on citric byproducts: purification and characterization. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 267-274.	3.6	20
32	Propriedades Físicas, Químicas e de Barreira em Filme Formados por Blenda de Celulose Bacteriana e Fécula de Batata. <i>Polimeros</i> , 2013, 23, 538-546.	0.7	18
33	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> , 2021, 167, 1499-1507.	7.5	18
34	Thermoanalytical and starch content evaluation of cassava bagasse as agro-industrial residue. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 143-150.	0.5	17
35	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> , 2015, 2015, 1-9.	1.9	17
36	Microbial Pigments. , 2014, , 73-97.		17

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37	Biotechnological process for producing black bean slurry without stachyose. Food Research International, 2009, 42, 425-429.	6.2	12
38	Evaluation of poultry litter traditional composting process. Brazilian Archives of Biology and Technology, 2011, 54, 1053-1058.	0.5	11
39	Utilization of the biorreactor of imersion by bubbles at the micropropagation of Ananas comosus L. Merril. Brazilian Archives of Biology and Technology, 2009, 52, 37-43.	0.5	10
40	The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems. , 2013, , 39-64.		10
41	Minerals consumption by Acetobacter xylinum on cultivation medium on coconut water. Brazilian Journal of Microbiology, 2013, 44, 197-206.	2.0	10
42	Feedstocks for Biofuels. Green Energy and Technology, 2016, , 15-39.	0.6	10
43	Flavor Compounds Produced by Fungi, Yeasts, and Bacteria. , 0, , 179-191.		9
44	Monitoring fermentation parameters during phytase production in column-type bioreactor using a new data acquisition system. Bioprocess and Biosystems Engineering, 2010, 33, 1033-1041.	3.4	9
45	INCREASE IN PHYTASE SYNTHESIS DURING CITRIC PULP FERMENTATION. Chemical Engineering Communications, 2010, 198, 286-297.	2.6	9
46	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). Waste and Biomass Valorization, 2016, 7, 1327-1337.	3.4	9
47	Sequential chemical and enzymatic pretreatment of palm empty fruit bunches for <i>Candida pelliculosa</i> bioethanol production. Biotechnology and Applied Biochemistry, 2020, 67, 723-731.	3.1	9
48	The potential of sweet potato biorefinery and development of alternative uses. SN Applied Sciences, 2021, 3, 347.	2.9	7
49	A simplified model for A. Niger FS3 growth during phytase formation in solid State fermentation. Brazilian Archives of Biology and Technology, 2009, 52, 151-158.	0.5	6
50	Use of soybean vinasses as a germinant medium for a Geobacillus stearothermophilus ATCC 7953 sterilization biological indicator. Applied Microbiology and Biotechnology, 2011, 90, 713-719.	3.6	5
51	Bioethanol from Soybean Molasses. Green Energy and Technology, 2016, , 241-254.	0.6	5
52	Roles and impacts of bioethanol and biodiesel on climate change mitigation. , 2022, , 373-400.		5
53	Hydrolysis of Coffee Husk: Process Optimization to Recover Its Fermentable Sugar. , 2000, , 409-417.		4
54	Biofiltration of increasing concentration gasoline vapors with different ethanol proportions. Journal of Chemical Technology and Biotechnology, 2012, 87, 791-796.	3.2	4

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55	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> , 2023, 13, 10051-10063.	4.6	4
56	Utiliza�o 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> , 2011, 2, 1-6.	0.1	4
57	Analysis and glycosyl composition of the exopolysaccharide isolated from submerged fermentation of <i>Ganoderma lucidum</i> CG144. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 239-241.	0.8	4
58	Biofiltration of gasoline and ethanol-amended gasoline vapors. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1008-1016.	1.7	3
59	Valorization of solid and liquid wastes from palm oil industry. , 2021, , 235-265.		3
60	Some Applications of Artificial Intelligence on Biotechnology. <i>Journal of Biotechnology and Biodiversity</i> , 2014, 5, 1-11.	0.1	3
61	Life-Cycle Assessment of Biofuels. <i>Green Energy and Technology</i> , 2016, , 485-500.	0.6	2
62	Bioethanol and succinic acid co-production from imidazole-pretreated soybean hulls. <i>Industrial Crops and Products</i> , 2021, 172, 114060.	5.2	2
63	Relation between Respirometric Data and Amylolytic Enzyme Production by SSF in Column-Type Bioreactor. <i>International Journal of Chemical Reactor Engineering</i> , 2007, 5, .	1.1	1
64	Flavor Production by Solid and Liquid Fermentation. , 0, , 193-203.		1
65	Pretreatment Strategies to Enhance Value Addition of Agro-industrial Wastes. , 2014, , 29-49.		1
66	Pentose-rich hydrolysate from oil palm empty fruit bunches for β -glucan production using <i>Pichia jadinii</i> and <i>Cyberlindnera jadinii</i> . <i>Bioresource Technology</i> , 2021, 320, 124212.	9.6	1
67	Biofiltration of volatile organic compounds of Brazilian gasoline. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 119-125.	0.5	1