

Claudia Lareo

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,327
citations

279701

23
h-index

360920

35
g-index

44
all docs

44
docs citations

44
times ranked

1470
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of modified atmosphere packaging on sensory quality of shiitake mushrooms. <i>Postharvest Biology and Technology</i> , 2008, 49, 164-170.	2.9	90
2	Sensory shelf life of shiitake mushrooms stored under passive modified atmosphere. <i>Postharvest Biology and Technology</i> , 2006, 41, 191-197.	2.9	89
3	Evaluation of dilute acid and alkaline pretreatments, enzymatic hydrolysis and fermentation of napiergrass for fuel ethanol production. <i>Biomass and Bioenergy</i> , 2015, 74, 193-201.	2.9	69
4	Integrated ABE fermentation-gas stripping process for enhanced butanol production from sugarcane-sweet sorghum juices. <i>Biomass and Bioenergy</i> , 2017, 98, 153-160.	2.9	61
5	Bioethanol production from sweet sorghum: Evaluation of post-harvest treatments on sugar extraction and fermentation. <i>Biomass and Bioenergy</i> , 2011, 35, 3058-3062.	2.9	60
6	Carotenoids from heterotrophic bacteria isolated from Fildes Peninsula, King George Island, Antarctica. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 21, e00306.	2.1	56
7	Evaluation of sweet potato for fuel bioethanol production: hydrolysis and fermentation. <i>SpringerPlus</i> , 2013, 2, 493.	1.2	54
8	Sensory and microbiological quality of shiitake mushrooms in modified-atmosphere packages. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1645-1652.	1.7	52
9	Development of a sensory quality index for strawberries based on correlation between sensory data and consumer perception. <i>Postharvest Biology and Technology</i> , 2009, 52, 97-102.	2.9	44
10	Energy consumption evaluation of fuel bioethanol production from sweet potato. <i>Bioresource Technology</i> , 2013, 136, 377-384.	4.8	44
11	Modeling Respiration Rate of Strawberry (cv. San Andreas) for Modified Atmosphere Packaging Design. <i>International Journal of Food Properties</i> , 2014, 17, 2039-2051.	1.3	40
12	The Fluid Mechanics of Two-Phase Solid-Liquid Food Flows: A Review. <i>Food and Bioproducts Processing</i> , 1997, 75, 73-105.	1.8	36
13	Performance of a commercial inoculum for the aerobic biodegradation of a high fat content dairy wastewater. <i>Bioresource Technology</i> , 2007, 98, 1045-1051.	4.8	35
14	Characterization of growth and sporulation of <i>Mucor bacilliformis</i> in solid state fermentation on an inert support. <i>Enzyme and Microbial Technology</i> , 2006, 38, 391-399.	1.6	34
15	Cellulose hydrolysis and IBE fermentation of eucalyptus sawdust for enhanced biobutanol production by <i>Clostridium beijerinckii</i> DSM 6423. <i>Industrial Crops and Products</i> , 2019, 134, 50-61.	2.5	31
16	Integrated valorization of eucalyptus sawdust within a biorefinery approach by autohydrolysis and organosolv pretreatments. <i>Renewable Energy</i> , 2020, 149, 115-127.	4.3	31
17	Isolation and selection of native microorganisms for the aerobic treatment of simulated dairy wastewaters. <i>Bioresource Technology</i> , 2009, 100, 1762-1766.	4.8	30
18	Bioprocess intensification for isopropanol, butanol and ethanol (IBE) production by fermentation from sugarcane and sweet sorghum juices through a gas stripping-pervaporation recovery process. <i>Fuel</i> , 2020, 281, 118593.	3.4	30

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19	Particle velocity profiles for solid-liquid food flows in vertical pipes part I. Single particles. Powder Technology, 1997, 93, 23-34.	2.1	29
20	Combined pretreatments of eucalyptus sawdust for ethanol production within a biorefinery approach. Biomass Conversion and Biorefinery, 2019, 9, 293-304.	2.9	27
21	Energy evaluation of fuel bioethanol production from sweet sorghum using very high gravity (VHG) conditions. Renewable Energy, 2016, 88, 280-287.	4.3	25
22	Enhanced production of butanol and xylosaccharides from Eucalyptus grandis wood using steam explosion in a semi-continuous pre-pilot reactor. Fuel, 2021, 290, 119818.	3.4	25
23	Switchgrass as an alternative biomass for ethanol production in a biorefinery: Perspectives on technology, economics and environmental sustainability. Renewable and Sustainable Energy Reviews, 2022, 158, 112115.	8.2	25
24	Particle velocity profiles for solid-liquid food flows in vertical pipes part II. Multiple particles. Powder Technology, 1997, 93, 35-45.	2.1	24
25	Techno-economic analysis of a liquid hot water pretreated switchgrass biorefinery: Effect of solids loading and enzyme dosage on enzymatic hydrolysis. Biomass and Bioenergy, 2019, 130, 105394.	2.9	24
26	Enzymatic Hydrolysis of Liquid Hot Water-Pretreated Switchgrass at High Solid Content. Energy & Fuels, 2019, 33, 4361-4368.	2.5	24
27	Failure criteria based on consumers'™ rejection to determine the sensory shelf life of minimally processed lettuce. Postharvest Biology and Technology, 2008, 49, 255-259.	2.9	23
28	Kinetic properties of a commercial and a native inoculum for aerobic milk fat degradation. Bioresource Technology, 2006, 97, 2160-2165.	4.8	22
29	Isopropanol-butanol production from sugarcane and sugarcane-sweet sorghum juices by Clostridium beijerinckii DSM 6423. Biomass and Bioenergy, 2019, 128, 105331.	2.9	22
30	Co-production of bioethanol and xylosaccharides from steam-exploded eucalyptus sawdust using high solid loads in enzymatic hydrolysis: Effect of alkaline impregnation. Industrial Crops and Products, 2022, 175, 114253.	2.5	22
31	Fuel ethanol production from commercial grain sorghum cultivars with different tannin content. Journal of Cereal Science, 2016, 69, 125-131.	1.8	20
32	Life cycle assessment of ethanol produced in a biorefinery from liquid hot water pretreated switchgrass. Renewable Energy, 2021, 176, 606-616.	4.3	20
33	Combined autohydrolysis and alkali pretreatments for cellulose enzymatic hydrolysis of Eucalyptus grandis wood. Biomass Conversion and Biorefinery, 2018, 8, 33-42.	2.9	15
34	Enhancing cellulose nanofibrillation of eucalyptus Kraft pulp by combining enzymatic and mechanical pretreatments. Cellulose, 2021, 28, 189-206.	2.4	15
35	INFLUENCE OF TEMPERATURE ON SHELF LIFE OF BUTTERHEAD LETTUCE LEAVES UNDER PASSIVE MODIFIED ATMOSPHERE PACKAGING. Journal of Food Quality, 2009, 32, 240-261.	1.4	13
36	Sweet Potato as a Bioenergy Crop for Fuel Ethanol Production: Perspectives and Challenges. , 2019, , 115-147.		12

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37	Biotechnological production of zeaxanthin by an Antarctic Flavobacterium: Evaluation of culture conditions. <i>Journal of Biotechnology</i> , 2020, 319, 54-60.	1.9	11
38	Sensory shelf life of butterhead lettuce leaves in active and passive modified atmosphere packages. <i>International Journal of Food Science and Technology</i> , 2008, 43, 1671-1677.	1.3	7
39	Process Energy Evaluation of Fuel Butanol Production from Sugar Caneâ€“Sweet Sorghum Juices by Acetoneâ€“Butanolâ€“Ethanol Fermentation Associated with a Gas Stripping System. <i>Energy & Fuels</i> , 2018, 32, 9470-9477.	2.5	7
40	Sweet Sorghum for Bioethanol Production: Scope, Technology, and Economics. , 2019, , 81-100.		7
41	Lactic acid production by <i>Carnobacterium</i> sp. isolated from a maritime Antarctic lake using eucalyptus enzymatic hydrolysate. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 31, e00643.	2.1	7
42	Bioethanol production from <i>Eucalyptus grandis</i> hemicellulose recovered before kraft pulping using an integrated biorefinery concept. <i>Biomass Conversion and Biorefinery</i> , 2017, 7, 191-197.	2.9	6
43	Effect of Corn Steep Liquor on Butanol Fermentation of Eucalyptus Cellulose Enzymatic Hydrolysate. <i>Industrial Biotechnology</i> , 2020, 16, 99-106.	0.5	6
44	Improvements in the formulation of sugarcane-sweet sorghum juices fermentation media for enhanced isopropanol and butanol production. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 4575-4585.	2.9	3