

Claudia Lareo

List of Publications by Year in descending order

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44
papers

1,327
citations

318942

23
h-index

406436

35
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all docs

44
docs citations

44
times ranked

1593
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Co-production of bioethanol and xylosaccharides from steam-exploded eucalyptus sawdust using high solid loads in enzymatic hydrolysis: Effect of alkaline impregnation. <i>Industrial Crops and Products</i> , 2022, 175, 114253.	2.5	22
3	Switchgrass as an alternative biomass for ethanol production in a biorefinery: Perspectives on technology, economics and environmental sustainability. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 158, 112115.	8.2	25
4	Enhanced production of butanol and xylosaccharides from <i>Eucalyptus grandis</i> wood using steam explosion in a semi-continuous pre-pilot reactor. <i>Fuel</i> , 2021, 290, 119818.	3.4	25
5	Enhancing cellulose nanofibrillation of eucalyptus Kraft pulp by combining enzymatic and mechanical pretreatments. <i>Cellulose</i> , 2021, 28, 189-206.	2.4	15
6	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
7	Life cycle assessment of ethanol produced in a biorefinery from liquid hot water pretreated switchgrass. <i>Renewable Energy</i> , 2021, 176, 606-616.	4.3	20
8	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
9	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
10	Effect of Corn Steep Liquor on Butanol Fermentation of Eucalyptus Cellulose Enzymatic Hydrolysate. <i>Industrial Biotechnology</i> , 2020, 16, 99-106.	0.5	6
11	Biotechnological production of zeaxanthin by an Antarctic <i>Flavobacterium</i> : Evaluation of culture conditions. <i>Journal of Biotechnology</i> , 2020, 319, 54-60.	1.9	11
12	Techno-economic analysis of a liquid hot water pretreated switchgrass biorefinery: Effect of solids loading and enzyme dosage on enzymatic hydrolysis. <i>Biomass and Bioenergy</i> , 2019, 130, 105394.	2.9	24
13	Isopropanol-butanol production from sugarcane and sugarcane-sweet sorghum juices by <i>Clostridium beijerinckii</i> DSM 6423. <i>Biomass and Bioenergy</i> , 2019, 128, 105331.	2.9	22
14	Enzymatic Hydrolysis of Liquid Hot Water-Pretreated Switchgrass at High Solid Content. <i>Energy & Fuels</i> , 2019, 33, 4361-4368.	2.5	24
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	Sweet Sorghum for Bioethanol Production: Scope, Technology, and Economics. , 2019, , 81-100.		7
17	Sweet Potato as a Bioenergy Crop for Fuel Ethanol Production: Perspectives and Challenges. , 2019, , 115-147.		12
18	Combined pretreatments of eucalyptus sawdust for ethanol production within a biorefinery approach. <i>Biomass Conversion and Biorefinery</i> , 2019, 9, 293-304.	2.9	27

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19	Carotenoids from heterotrophic bacteria isolated from Fildes Peninsula, King George Island, Antarctica. <i>Biotechnology Reports</i> (Amsterdam, Netherlands), 2019, 21, e00306.	2.1	56
20	Combined autohydrolysis and alkali pretreatments for cellulose enzymatic hydrolysis of <i>Eucalyptus grandis</i> wood. <i>Biomass Conversion and Biorefinery</i> , 2018, 8, 33-42.	2.9	15
21	Process Energy Evaluation of Fuel Butanol Production from Sugar Cane "Sweet Sorghum Juices by Acetone "Butanol "Ethanol Fermentation Associated with a Gas Stripping System. <i>Energy & Fuels</i> , 2018, 32, 9470-9477.	2.5	7
22	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
23	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
24	Energy evaluation of fuel bioethanol production from sweet sorghum using very high gravity (VHG) conditions. <i>Renewable Energy</i> , 2016, 88, 280-287.	4.3	25
25	Fuel ethanol production from commercial grain sorghum cultivars with different tannin content. <i>Journal of Cereal Science</i> , 2016, 69, 125-131.	1.8	20
26	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
27	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
28	Energy consumption evaluation of fuel bioethanol production from sweet potato. <i>Bioresource Technology</i> , 2013, 136, 377-384.	4.8	44
29	Evaluation of sweet potato for fuel bioethanol production: hydrolysis and fermentation. SpringerPlus, 2013, 2, 493.	1.2	54
30	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
31	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
32	INFLUENCE OF TEMPERATURE ON SHELF LIFE OF BUTTERHEAD LETTUCE LEAVES UNDER PASSIVE MODIFIED ATMOSPHERE PACKAGING. <i>Journal of Food Quality</i> , 2009, 32, 240-261.	1.4	13
33	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
34	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
35	Influence of modified atmosphere packaging on sensory quality of shiitake mushrooms. <i>Postharvest Biology and Technology</i> , 2008, 49, 164-170.	2.9	90
36	Failure criteria based on consumers'™ rejection to determine the sensory shelf life of minimally processed lettuce. <i>Postharvest Biology and Technology</i> , 2008, 49, 255-259.	2.9	23

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37	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
38	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
39	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
40	Kinetic properties of a commercial and a native inoculum for aerobic milk fat degradation. <i>Bioresource Technology</i> , 2006, 97, 2160-2165.	4.8	22
41	Sensory shelf life of shiitake mushrooms stored under passive modified atmosphere. <i>Postharvest Biology and Technology</i> , 2006, 41, 191-197.	2.9	89
42	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
43	Particle velocity profiles for solid-liquid food flows in vertical pipes part I. Single particles. <i>Powder Technology</i> , 1997, 93, 23-34.	2.1	29
44	Particle velocity profiles for solid-liquid food flows in vertical pipes part II. Multiple particles. <i>Powder Technology</i> , 1997, 93, 35-45.	2.1	24