

# Luiz Alberto Junior Letti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8968494/publications.pdf>

Version: 2024-02-01

25  
papers

1,143  
citations

567281

15  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1613  
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	Economic process to produce biohydrogen and volatile fatty acids by a mixed culture using vinasse from sugarcane ethanol industry as nutrient source. <i>Bioresource Technology</i> , 2014, 159, 380-386.	9.6	98
4	A Review of Selection Criteria for Starter Culture Development in the Food Fermentation Industry. <i>Food Reviews International</i> , 2020, 36, 135-167.	8.4	89
5	Statistical Optimization of Laccase Production and Delignification of Sugarcane Bagasse by <i>Pleurotus ostreatus</i> in Solid-State Fermentation. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	58
6	Bioeconomy and biofuels: the case of sugarcane ethanol in Brazil. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 899-912.	3.7	47
7	Ethanol production from soybean molasses by <i>Zymomonas mobilis</i> . <i>Biomass and Bioenergy</i> , 2012, 44, 80-86.	5.7	41
8	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
9	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
10	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> , 2019, 285, 121361.	9.6	32
11	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
12	L-lysine production improvement: a review of the state of the art and patent landscape focusing on strain development and fermentation technologies. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 1031-1055.	9.0	29
13	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
14	Callus Growth Kinetics of Physic Nut ( <i>Jatropha curcas</i> L.) and Content of Fatty Acids from Crude Oil Obtained In Vitro. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 892-902.	2.9	18
15	Recent Advances in Vaccines Against Leishmania Based on Patent Applications. <i>Recent Patents on Biotechnology</i> , 2017, 12, 21-32.	0.8	18
16	The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems. , 2013, , 39-64.		10
17	Monitoring fermentation parameters during phytase production in column-type bioreactor using a new data acquisition system. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 1033-1041.	3.4	9
18	Sequential chemical and enzymatic pretreatment of palm empty fruit bunches for <i>Candida pelliculosa</i> bioethanol production. <i>Biotechnology and Applied Biochemistry</i> , 2020, 67, 723-731.	3.1	9

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19	Disposal of human milk donated to a human milk bank before and after measures to reduce the amount of milk unsuitable for consumption. <i>Jornal De Pediatria</i> , 2010, 86, 290-294.	2.0	7
20	A simplified model for <i>A. Niger</i> FS3 growth during phytase formation in solid State fermentation. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 151-158.	0.5	6
21	Bioethanol from Soybean Molasses. <i>Green Energy and Technology</i> , 2016, , 241-254.	0.6	5
22	Some Applications of Artificial Intelligence on Biotechnology. <i>Journal of Biotechnology and Biodiversity</i> , 2014, 5, 1-11.	0.1	3
23	Life-Cycle Assessment of Biofuels. <i>Green Energy and Technology</i> , 2016, , 485-500.	0.6	2
24	Pretreatment Strategies to Enhance Value Addition of Agro-industrial Wastes. , 2014, , 29-49.		1
25	Pentose-rich hydrolysate from oil palm empty fruit bunches for $\beta$ -glucan production using <i>Pichia jadinii</i> and <i>Cyberindnera jadinii</i> . <i>Bioresource Technology</i> , 2021, 320, 124212.	9.6	1