

# Adriane Bianchi Pedroni Medeiros

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,989  
citations

331670

21  
h-index

302126

39  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioethanol from lignocelluloses: Status and perspectives in Brazil. <i>Bioresource Technology</i> , 2010, 101, 4820-4825.	9.6	326
2	Bacteriocins from lactic acid bacteria: purification, properties and use as biopreservatives. <i>Brazilian Archives of Biology and Technology</i> , 2007, 50, 512-542.	0.5	217
3	Pilot scale biodiesel production from microbial oil of <i>Rhodospiridium toruloides</i> DEBB 5533 using sugarcane juice: Performance in diesel engine and preliminary economic study. <i>Bioresource Technology</i> , 2017, 223, 259-268.	9.6	145
4	Isolation, selection and evaluation of yeasts for use in fermentation of coffee beans by the wet process. <i>International Journal of Food Microbiology</i> , 2014, 188, 60-66.	4.7	124
5	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
6	Microalgal biomass pretreatment for integrated processing into biofuels, food, and feed. <i>Bioresource Technology</i> , 2020, 300, 122719.	9.6	105
7	Optimization of the production of aroma compounds by <i>Kluyveromyces marxianus</i> in solid-state fermentation using factorial design and response surface methodology. <i>Biochemical Engineering Journal</i> , 2000, 6, 33-39.	3.6	103
8	Hydrogen: Current advances and patented technologies of its renewable production. <i>Journal of Cleaner Production</i> , 2021, 286, 124970.	9.3	83
9	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2001, 17, 767-771.	3.6	68
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	Improving fruity aroma production by fungi in SSF using citric pulp. <i>Food Research International</i> , 2009, 42, 484-486.	6.2	52
12	Biotransformation of limonene by an endophytic fungus using synthetic and orange residue-based media. <i>Fungal Biology</i> , 2017, 121, 137-144.	2.5	51
13	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
14	Screening and bioprospecting of anaerobic consortia for biohydrogen and volatile fatty acid production in a vinasse based medium through dark fermentation. <i>Process Biochemistry</i> , 2018, 67, 1-7.	3.7	38
15	Biological hydrogen production from palm oil mill effluent (POME) by anaerobic consortia and <i>Clostridium beijerinckii</i> . <i>Journal of Biotechnology</i> , 2020, 323, 17-23.	3.8	38
16	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
17	Hydrogen production by dark fermentation using a new low-cost culture medium composed of corn steep liquor and cassava processing water: Process optimization and scale-up. <i>Bioresource Technology</i> , 2021, 320, 124370.	9.6	31
18	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

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19	Liquefied gas extraction: A new method for the recovery of terpenoids from agroindustrial and forest wastes. <i>Journal of Supercritical Fluids</i> , 2016, 110, 97-102.	3.2	23
20	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
21	The effect of hydrolysis and sterilization in biohydrogen production from cassava processing wastewater medium using anaerobic bacterial consortia. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25551-25564.	7.1	22
22	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
23	Concentration by ultrafiltration and stabilization of phytase produced by solid-state fermentation. <i>Process Biochemistry</i> , 2013, 48, 374-379.	3.7	21
24	Evaluation of antioxidant activity of the fermented product from the biotransformation of R-(+)-limonene in solid-state fermentation of orange waste by <i>Diaporthe</i> sp.. <i>Biotechnology Research and Innovation</i> , 2019, 3, 168-176.	0.9	20
25	Coffee residues as substrates for aroma production by <i>Ceratocystis fimbriata</i> in solid state fermentation. <i>Brazilian Journal of Microbiology</i> , 2003, 34, 245.	2.0	17
26	Lab-Scale production of <i>Bacillus atrophaeus</i> ' spores by solid state fermentation in different types of bioreactors. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 159-170.	0.5	17
27	Use of pervaporation process for the recovery of aroma compounds produced by <i>P. fermentans</i> in sugarcane molasses. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 959-967.	3.4	16
28	Production of Organic Acids by Solid-state Fermentation. , 2008, , 205-229.		14
29	Selection and Optimization of <i>Bacillus atrophaeus</i> Inoculum Medium and its Effect on Spore Yield and Thermal Resistance. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 380-392.	2.9	12
30	Production and Application of Citric Acid. , 2017, , 557-575.		12
31	Bioindicator production with <i>Bacillus atrophaeus</i> ™ thermal-resistant spores cultivated by solid-state fermentation. <i>Applied Microbiology and Biotechnology</i> , 2009, 82, 1019-1026.	3.6	10
32	Isolation and screening of microorganisms with potential for biotransformation of terpenic substrates. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 1019-1026.	0.5	10
33	The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems. , 2013, , 39-64.		10
34	Feedstocks for Biofuels. <i>Green Energy and Technology</i> , 2016, , 15-39.	0.6	10
35	Cachaça and Rum. , 2017, , 451-468.		10
36	Biohydrogen Production from Agro-industrial Wastes Using <i>Clostridium beijerinckii</i> and Isolated Bacteria as Inoculum. <i>Bioenergy Research</i> , 2022, 15, 987-997.	3.9	9

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37	Production and Characterization of a Distilled Alcoholic Beverage Obtained by Fermentation of Banana Waste ( <i>Musa cavendishii</i> ) from Selected Yeast. <i>Fermentation</i> , 2017, 3, 62.	3.0	6
38	Screening of native yeast from <i>Agave duranguensis</i> fermentation for isoamyl acetate production. <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 357-363.	0.5	5
39	Microscale direct transesterification of microbial biomass with ethanol for screening of microorganisms by its fatty acid content. <i>Brazilian Archives of Biology and Technology</i> , 2019, 62, .	0.5	5
40	Bioethanol Wastes: Economic Valorization. <i>Green Energy and Technology</i> , 2016, , 255-289.	0.6	4
41	Resistance of <i>Neochloris oleoabundans</i> to six terpenes applicable as green contamination control agents. <i>Journal of Applied Phycology</i> , 2022, 34, 261-267.	2.8	4
42	Impact of microbial growth inhibition and proteolytic activity on the stability of a new formulation containing a phytate-degrading enzyme obtained from mushroom. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 725-733.	1.9	3
43	Cell Disruption and Isolation of Intracellular Products. , 2017, , 807-822.		3
44	Digestive Enzymes: Industrial Applications in Food Products. <i>Energy, Environment, and Sustainability</i> , 2019, , 267-291.	1.0	3
45	Data Acquisition Systems in Bioprocesses. , 0, , .		2
46	Approaches for the Isolation and Purification of Fermentation Products. , 2017, , 783-805.		2
47	Pretreatments of Solid Wastes for Anaerobic Digestion and Its Importance for the Circular Economy. , 2022, , 69-94.		1
48	HIGH INTENSITY PULSED ELECTRIC FIELD FOR PASTEURIZATION OF LIQUID EGGS UTILIZING <i>Staphylococcus aureus</i> AS A PROCESS INDICATOR. <i>Boletim Centro De Pesquisa De Processamento De Alimentos</i> , 1998, 16, .	0.2	0
49	Pretreatments of Solid Wastes for Anaerobic Digestion and Its Importance for the Circular Economy. , 2021, , 1-27.		0