

Carlos Ricardo Soccol

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1259522/publications.pdf>

Version: 2024-02-01

472
papers

20,712
citations

12303

69
h-index

15683

125
g-index

485
all docs

485
docs citations

485
times ranked

18005
citing authors

#	ARTICLE	IF	CITATIONS
1	Biotechnological potential of agro-industrial residues. I: sugarcane bagasse. <i>Bioresource Technology</i> , 2000, 74, 69-80.	4.8	961
2	New developments in solid state fermentation: I-bioprocesses and products. <i>Process Biochemistry</i> , 2000, 35, 1153-1169.	1.8	865
3	Advances in microbial amylases. <i>Biotechnology and Applied Biochemistry</i> , 2000, 31, 135.	1.4	793
4	Recent advances in solid-state fermentation. <i>Biochemical Engineering Journal</i> , 2009, 44, 13-18.	1.8	638
5	Potential carbon dioxide fixation by industrially important microalgae. <i>Bioresource Technology</i> , 2010, 101, 5892-5896.	4.8	420
6	Trends in non-dairy probiotic beverages. <i>Food Research International</i> , 2008, 41, 111-123.	2.9	415
7	Oil cakes and their biotechnological applications – A review. <i>Bioresource Technology</i> , 2007, 98, 2000-2009.	4.8	401
8	The realm of microbial lipases in biotechnology. <i>Biotechnology and Applied Biochemistry</i> , 1999, 29, 119-31.	1.4	381
9	Biotechnological potential of coffee pulp and coffee husk for bioprocesses. <i>Biochemical Engineering Journal</i> , 2000, 6, 153-162.	1.8	361
10	Biotechnological potential of agro-industrial residues. II: cassava bagasse. <i>Bioresource Technology</i> , 2000, 74, 81-87.	4.8	343
11	Bioethanol from lignocelluloses: Status and perspectives in Brazil. <i>Bioresource Technology</i> , 2010, 101, 4820-4825.	4.8	326
12	Recent developments and innovations in solid state fermentation. <i>Biotechnology Research and Innovation</i> , 2017, 1, 52-71.	0.3	311
13	How to select a probiotic? A review and update of methods and criteria. <i>Biotechnology Advances</i> , 2018, 36, 2060-2076.	6.0	296
14	Production, purification and properties of microbial phytases. <i>Bioresource Technology</i> , 2001, 77, 203-214.	4.8	256
15	Milk kefir: composition, microbial cultures, biological activities, and related products. <i>Frontiers in Microbiology</i> , 2015, 6, 1177.	1.5	236
16	Screening of microalgae with potential for biodiesel production and nutrient removal from treated domestic sewage. <i>Applied Energy</i> , 2011, 88, 3291-3294.	5.1	221
17	Lignocellulosic biomass: Acid and alkaline pretreatments and their effects on biomass recalcitrance – Conventional processing and recent advances. <i>Bioresource Technology</i> , 2020, 304, 122848.	4.8	220
18	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

#	ARTICLE	IF	CITATIONS
19	Recent Developments in Microbial Inulinases: Its Production, Properties, and Industrial Applications. Applied Biochemistry and Biotechnology, 1999, 81, 35-52.	1.4	199
20	Overview of applied solid-state fermentation in Brazil. Biochemical Engineering Journal, 2003, 13, 205-218.	1.8	186
21	Downstream process development in biotechnological itaconic acid manufacturing. Applied Microbiology and Biotechnology, 2017, 101, 1-12.	1.7	182
22	<i>Bacillus thuringiensis</i> : mechanism of action, resistance, and new applications: a review. Critical Reviews in Biotechnology, 2016, 36, 317-326.	5.1	179
23	Solid-state fermentation for the production of Monascus pigments from jackfruit seed. Bioresource Technology, 2007, 98, 1554-1560.	4.8	176
24	Exploring the impacts of postharvest processing on the aroma formation of coffee beans – A review. Food Chemistry, 2019, 272, 441-452.	4.2	165
25	Lignin as a potential source of high-added value compounds: A review. Journal of Cleaner Production, 2020, 263, 121499.	4.6	159
26	Solid-state fermentation for the synthesis of citric acid by <i>Aspergillus niger</i> . Bioresource Technology, 2000, 74, 175-178.	4.8	151
27	Microbiological, biochemical, and functional aspects of sugary kefir fermentation - A review. Food Microbiology, 2017, 66, 86-95.	2.1	147
28	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. Bioresource Technology, 2017, 223, 259-268.	4.8	145
29	Production of bio-ethanol from soybean molasses by <i>Saccharomyces cerevisiae</i> at laboratory, pilot and industrial scales. Bioresource Technology, 2008, 99, 8156-8163.	4.8	143
30	Microbial hydrogen production by bioconversion of crude glycerol: A review. International Journal of Hydrogen Energy, 2012, 37, 6473-6490.	3.8	139
31	Biological detoxification of coffee husk by filamentous fungi using a solid state fermentation system. Enzyme and Microbial Technology, 2000, 27, 127-133.	1.6	138
32	Current advances in on-site cellulase production and application on lignocellulosic biomass conversion to biofuels: A review. Biomass and Bioenergy, 2020, 132, 105419.	2.9	136
33	Extra-cellular l-glutaminase production by <i>Zygosaccharomyces rouxii</i> under solid-state fermentation. Process Biochemistry, 2002, 38, 307-312.	1.8	125
34	Isolation, selection and evaluation of yeasts for use in fermentation of coffee beans by the wet process. International Journal of Food Microbiology, 2014, 188, 60-66.	2.1	124
35	Biotechnological approaches for cocoa waste management: A review. Waste Management, 2019, 90, 72-83.	3.7	123
36	Characterization and stability of proteases from <i>Penicillium</i> sp. produced by solid-state fermentation. Enzyme and Microbial Technology, 2003, 32, 246-251.	1.6	115

#	ARTICLE	IF	CITATIONS
37	Pretreatment strategies for delignification of sugarcane bagasse: a review. <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 679-689.	0.5	115
38	Fruity flavour production by <i>Ceratocystis fimbriata</i> grown on coffee husk in solid-state fermentation. <i>Process Biochemistry</i> , 2000, 35, 857-861.	1.8	112
39	Technological trends and market perspectives for production of microbial oils rich in omega-3. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 656-671.	5.1	109
40	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.	2.9	108
41	Functional properties and health benefits of bioactive peptides derived from <i>Spirulina</i> : A review. <i>Food Reviews International</i> , 2018, 34, 34-51.	4.3	108
42	Microalgal biomass pretreatment for integrated processing into biofuels, food, and feed. <i>Bioresource Technology</i> , 2020, 300, 122719.	4.8	105
43	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.	1.8	103
44	Batch Fermentation Model of Propionic Acid Production by <i>Propionibacterium acidipropionici</i> in Different Carbon Sources. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 333-341.	1.4	99
45	Production and characterization of poly-3-hydroxybutyrate from crude glycerol by <i>Bacillus sphaericus</i> NII 0838 and improving its thermal properties by blending with other polymers. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 783-794.	0.5	99
46	Microbial production of citric acid. <i>Brazilian Archives of Biology and Technology</i> , 1999, 42, 263-276.	0.5	98
47	Production of fumaric acid by fermentation of enzymatic hydrolysates derived from cassava bagasse. <i>Bioresource Technology</i> , 1999, 68, 23-28.	4.8	98
48	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.	4.8	98
49	Characterization of volatile compounds produced by <i>Rhizopus</i> strains grown on agro-industrial solid wastes. <i>Bioresource Technology</i> , 2000, 71, 211-215.	4.8	94
50	Production of <i>Flammulina velutipes</i> on coffee husk and coffee spent-ground. <i>Brazilian Archives of Biology and Technology</i> , 2001, 44, 205-212.	0.5	92
51	A Review of Selection Criteria for Starter Culture Development in the Food Fermentation Industry. <i>Food Reviews International</i> , 2020, 36, 135-167.	4.3	89
52	Development and evaluation of a fermented coconut water beverage with potential health benefits. <i>Journal of Functional Foods</i> , 2015, 12, 489-497.	1.6	88
53	Use of various coffee industry residues for the cultivation of <i>Pleurotus ostreatus</i> in solid state fermentation. <i>Acta Biotechnologica</i> , 2000, 20, 41-52.	1.0	86
54	Biopigments from <i>Monascus</i> : strains selection, citrinin production and color stability. <i>Brazilian Archives of Biology and Technology</i> , 2005, 48, 885-894.	0.5	86

#	ARTICLE	IF	CITATIONS
55	New perspectives of gibberellic acid production: a review. <i>Critical Reviews in Biotechnology</i> , 2012, 32, 263-273.	5.1	86
56	Microbial ecology and starter culture technology in coffee processing. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 2775-2788.	5.4	86
57	Recent developments in microbial oils production: a possible alternative to vegetable oils for biodiesel without competition with human food?. <i>Brazilian Archives of Biology and Technology</i> , 2012, 55, 29-46.	0.5	84
58	Life cycle and spore resistance of spore-forming <i>Bacillus atrophaeus</i> . <i>Microbiological Research</i> , 2014, 169, 931-939.	2.5	83
59	<i>Bacillus</i> lipopeptides as powerful pest control agents for a more sustainable and healthy agriculture: recent studies and innovations. <i>Planta</i> , 2020, 251, 70.	1.6	83
60	Hydrogen: Current advances and patented technologies of its renewable production. <i>Journal of Cleaner Production</i> , 2021, 286, 124970.	4.6	83
61	Lignin preparation from oil palm empty fruit bunches by sequential acid/alkaline treatment – A biorefinery approach. <i>Bioresource Technology</i> , 2015, 194, 172-178.	4.8	82
62	Current advances in gibberellic acid (GA3) production, patented technologies and potential applications. <i>Planta</i> , 2018, 248, 1049-1062.	1.6	81
63	Polyhydroxybutyrate production using agro-industrial residue as substrate by <i>Bacillus sphaericus</i> NCIM 5149. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 17-23.	0.5	80
64	Characterization of laccase isoforms produced by <i>Pleurotus ostreatus</i> in solid state fermentation of sugarcane bagasse. <i>Bioresource Technology</i> , 2012, 114, 735-739.	4.8	80
65	Determination of the microbial community in Amazonian cocoa bean fermentation by Illumina-based metagenomic sequencing. <i>LWT - Food Science and Technology</i> , 2019, 106, 229-239.	2.5	77
66	Steam explosion pretreatment of oil palm empty fruit bunches (EFB) using autocatalytic hydrolysis: A biorefinery approach. <i>Bioresource Technology</i> , 2016, 199, 173-180.	4.8	76
67	Solid-State Fermentation for Production of Phytase by <i>Rhizopus oligosporus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2002, 102-103, 251-260.	1.4	75
68	Effect of stress on growth, pigment production and morphology of <i>Monascus</i> sp. in solid cultures. <i>Journal of Basic Microbiology</i> , 2007, 47, 118-126.	1.8	75
69	Microbial production of extra-cellular phytase using polystyrene as inert solid support. <i>Bioresource Technology</i> , 2002, 83, 229-233.	4.8	74
70	Alpha amylase from a fungal culture grown on oil cakes and its properties. <i>Brazilian Archives of Biology and Technology</i> , 2004, 47, 309-317.	0.5	74
71	Potential of solid state fermentation for production of L(+)-lactic acid by <i>Rhizopus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 1994, 41, 286-290.	1.7	72
72	Thermostable Phytase Production by <i>Thermoascus aurantiacus</i> in Submerged Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2004, 118, 205-214.	1.4	71

#	ARTICLE	IF	CITATIONS
73	Application of magnesium sulfate and its nanoparticles for enhanced lipid production by mixotrophic cultivation of algae using biodiesel waste. <i>Energy</i> , 2014, 78, 16-22.	4.5	70
74	Study of phycocyanin production from <i>Spirulina platensis</i> under different light spectra. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 675-682.	0.5	69
75	Second Generation Ethanol Production from Brewers' Spent Grain. <i>Energies</i> , 2015, 8, 2575-2586.	1.6	69
76	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2001, 17, 767-771.	1.7	68
77	Chemical composition and health properties of coffee and coffee by-products. <i>Advances in Food and Nutrition Research</i> , 2020, 91, 65-96.	1.5	68
78	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.	1.3	66
79	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
80	Bioconversion of biomass: a case study of ligno-cellulosics bioconversions in solid state fermentation. <i>Brazilian Archives of Biology and Technology</i> , 1998, 41, 379-390.	0.5	65
81	Current state of research on cocoa and coffee fermentations. <i>Current Opinion in Food Science</i> , 2016, 7, 50-57.	4.1	65
82	The behavior of kinetic parameters in production of pectinase and xylanase by solid-state fermentation. <i>Bioresource Technology</i> , 2011, 102, 10657-10662.	4.8	63
83	Green biosynthesis of single and bimetallic nanoparticles of iron and manganese using bacterial auxin complex to act as plant bio-fertilizer. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 30, 101822.	1.5	62
84	Effect of light on growth, pigment production and culture morphology of <i>Monascus purpureus</i> in solid-state fermentation. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 2671-2675.	1.7	61
85	Application of the biorefinery concept to produce L-lactic acid from the soybean vinasse at laboratory and pilot scale. <i>Bioresource Technology</i> , 2011, 102, 1765-1772.	4.8	61
86	Development of a vinasse nutritive solution for hydroponics. <i>Journal of Environmental Management</i> , 2013, 114, 8-12.	3.8	60
87	First description of bacterial and fungal communities in Colombian coffee beans fermentation analysed using Illumina-based amplicon sequencing. <i>Scientific Reports</i> , 2019, 9, 8794.	1.6	60
88	Title is missing!. <i>Biotechnology Letters</i> , 1998, 20, 359-362.	1.1	59
89	Development of kefir-based probiotic beverages with DNA protection and antioxidant activities using soybean hydrolyzed extract, colostrum and honey. <i>LWT - Food Science and Technology</i> , 2016, 68, 690-697.	2.5	59
90	Biorefinery integration of microalgae production into cassava processing industry: Potential and perspectives. <i>Bioresource Technology</i> , 2018, 247, 1165-1172.	4.8	59

#	ARTICLE	IF	CITATIONS
91	Arthrospira maxima OF15 biomass cultivation at laboratory and pilot scale from sugarcane vinasse for potential biological new peptides production. Bioresource Technology, 2019, 273, 103-113.	4.8	59
92	Statistical Optimization of Laccase Production and Delignification of Sugarcane Bagasse by <i>Pleurotus ostreatus</i> in Solid-State Fermentation. BioMed Research International, 2015, 2015, 1-8.	0.9	58
93	Solid state cultivation "an efficient method to use toxic agro-industrial residues. Journal of Basic Microbiology, 2000, 40, 187-197.	1.8	56
94	Production of l-lactic acid by Rhizopus species. World Journal of Microbiology and Biotechnology, 1994, 10, 433-435.	1.7	55
95	Effect of nutritional and environmental conditions on the production of exo-polysaccharide of Agaricus brasiliensis by submerged fermentation and its antitumor activity. LWT - Food Science and Technology, 2007, 40, 30-35.	2.5	53
96	Evidence of metabolic shift on hydrogen, ethanol and 1,3-propanediol production from crude glycerol by nitrogen sparging under micro-aerobic conditions using co-culture of Enterobacter aerogenes and Clostridium butyricum. International Journal of Hydrogen Energy, 2015, 40, 8669-8676.	3.8	53
97	Yeast Diversity and Physicochemical Characteristics Associated with Coffee Bean Fermentation from the Brazilian Cerrado Mineiro Region. Fermentation, 2017, 3, 11.	1.4	53
98	Potential applications of plant probiotic microorganisms in agriculture and forestry. AIMS Microbiology, 2017, 3, 629-648.	1.0	53
99	Experimental design to enhance the production of l-(+)-lactic acid from steam-exploded wood hydrolysate using Rhizopus oryzae in a mixed-acid fermentation. Process Biochemistry, 1999, 34, 949-955.	1.8	52
100	Relation between growth, respirometric analysis and biopigments production from Monascus by solid-state fermentation. Biochemical Engineering Journal, 2006, 29, 262-269.	1.8	52
101	Improving fruity aroma production by fungi in SSF using citric pulp. Food Research International, 2009, 42, 484-486.	2.9	52
102	Co-culture strategies for increased biohydrogen production. International Journal of Energy Research, 2015, 39, 1479-1504.	2.2	51
103	Biotransformation of limonene by an endophytic fungus using synthetic and orange residue-based media. Fungal Biology, 2017, 121, 137-144.	1.1	51
104	Biohydrogen production in cassava processing wastewater using microbial consortia: Process optimization and kinetic analysis of the microbial community. Bioresource Technology, 2020, 309, 123331.	4.8	51
105	Gibberellic Acid Production by Solid-State Fermentation in Coffee Husk. Applied Biochemistry and Biotechnology, 2002, 102-103, 179-192.	1.4	49
106	Co-Culture of Microalgae, Cyanobacteria, and Macromycetes for Exopolysaccharides Production: Process Preliminary Optimization and Partial Characterization. Applied Biochemistry and Biotechnology, 2012, 167, 1092-1106.	1.4	49
107	Great intraspecies diversity of Pichia kudriavzevii in cocoa fermentation highlights the importance of yeast strain selection for flavor modulation of cocoa beans. LWT - Food Science and Technology, 2017, 84, 290-297.	2.5	49
108	Azospirillum sp . inoculation in wheat, barley and oats seeds greenhouse experiments. Brazilian Archives of Biology and Technology, 2004, 47, 843-850.	0.5	47

#	ARTICLE	IF	CITATIONS
109	First Generation Bioethanol. Green Energy and Technology, 2016, , 175-212.	0.4	47
110	Bioeconomy and biofuels: the case of sugarcane ethanol in Brazil. Biofuels, Bioproducts and Biorefining, 2021, 15, 899-912.	1.9	47
111	Packed Bed Column Fermenter and Kinetic Modeling for Upgrading the Nutritional Quality of Coffee Husk in Solid-State Fermentation. Biotechnology Progress, 2001, 17, 1065-1070.	1.3	46
112	Breeding and growth of Rhizopus in raw cassava by solid state fermentation. Applied Microbiology and Biotechnology, 1994, 41, 330-336.	1.7	45
113	Biological activities and thermal behavior of lignin from oil palm empty fruit bunches as potential source of chemicals of added value. Industrial Crops and Products, 2016, 94, 630-637.	2.5	45
114	Energetic and economic analysis of ethanol, xylitol and lignin production using oil palm empty fruit bunches from a Brazilian factory. Journal of Cleaner Production, 2018, 195, 44-55.	4.6	45
115	FRUITY AROMA PRODUCTION BY <i>Ceratocystis fimbriata</i> IN SOLID CULTURES FROM AGRO-INDUSTRIAL WASTES. Revista De Microbiologia, 1998, 29, 208-212.	0.1	45
116	Beyond sugar and ethanol: The future of sugarcane biorefineries in Brazil. Renewable and Sustainable Energy Reviews, 2022, 167, 112721.	8.2	44
117	Influence of cofermentation by amylolytic <i>Lactobacillus</i> strains and probiotic bacteria on the fermentation process, viscosity and microstructure of gruels made of rice, soy milk and passion fruit fiber. Food Research International, 2014, 57, 104-113.	2.9	43
118	Pharmacological Properties of Biocompounds from Spores of the Lingzhi or Reishi Medicinal Mushroom <i>Ganoderma lucidum</i> (Agaricomycetes): A Review. International Journal of Medicinal Mushrooms, 2016, 18, 757-767.	0.9	42
119	Techno-economic analysis of downstream processes in itaconic acid production from fermentation broth. Journal of Cleaner Production, 2019, 206, 336-348.	4.6	42
120	Ethanol production from soybean molasses by <i>Zymomonas mobilis</i> . Biomass and Bioenergy, 2012, 44, 80-86.	2.9	41
121	Isolation, selection and evaluation of antagonistic yeasts and lactic acid bacteria against ochratoxigenic fungus <i>Aspergillus westerdijkiae</i> on coffee beans. Letters in Applied Microbiology, 2016, 62, 96-101.	1.0	41
122	<i>Bacillus atrophaeus</i> : main characteristics and biotechnological applications – a review. Critical Reviews in Biotechnology, 2015, 35, 533-545.	5.1	40
123	Lignocellulosic biomass from agro-industrial residues in South America: current developments and perspectives. Biofuels, Bioproducts and Biorefining, 2019, 13, 1505-1519.	1.9	40
124	Current analysis and future perspective of reduction in worldwide greenhouse gases emissions by using first and second generation bioethanol in the transportation sector. Bioresource Technology Reports, 2019, 7, 100234.	1.5	40
125	Effect of sequential acid-alkaline treatment on physical and chemical characteristics of lignin and cellulose from pine (<i>Pinus</i> spp.) residual sawdust. Bioresource Technology, 2020, 316, 123884.	4.8	40
126	Efficient coffee beans mucilage layer removal using lactic acid fermentation in a stirred-tank bioreactor: Kinetic, metabolic and sensorial studies. Food Bioscience, 2018, 26, 80-87.	2.0	39

#	ARTICLE	IF	CITATIONS
127	<i>Bacillus subtilis</i> natto as a potential probiotic in animal nutrition. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 355-369.	5.1	39
128	Kefiran-alginate gel microspheres for oral delivery of ciprofloxacin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 706-715.	2.5	38
129	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.	1.8	38
130	Lactic acid bacteria: what coffee industry should know?. <i>Current Opinion in Food Science</i> , 2020, 31, 1-8.	4.1	38
131	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.	1.9	38
132	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.	1.5	38
133	Agro-industrial wastewater in a circular economy: Characteristics, impacts and applications for bioenergy and biochemicals. <i>Bioresource Technology</i> , 2021, 341, 125795.	4.8	37
134	Improving Cry8Ka toxin activity towards the cotton boll weevil (<i>Anthonomus grandis</i>). <i>BMC Biotechnology</i> , 2011, 11, 85.	1.7	36
135	Anti-inflammatory and angiogenic activity of polysaccharide extract obtained from Tibetan kefir. <i>Microvascular Research</i> , 2016, 108, 29-33.	1.1	36
136	Omega-3 microbial oils from marine thraustochytrids as a sustainable and technological solution: A review and patent landscape. <i>Trends in Food Science and Technology</i> , 2020, 99, 244-256.	7.8	36
137	Production and Characterization of the Exopolysaccharides Produced by <i>Agaricus brasiliensis</i> in Submerged Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 283-294.	1.4	35
138	Domestic wastewater as substrate for cellulase production by <i>Trichoderma harzianum</i> . <i>Process Biochemistry</i> , 2017, 57, 190-199.	1.8	35
139	Effect of Co-Inoculation with <i>Pichia fermentans</i> and <i>Pediococcus acidilactici</i> on Metabolite Produced During Fermentation and Volatile Composition of Coffee Beans. <i>Fermentation</i> , 2019, 5, 67.	1.4	35
140	Co-culturing fructophilic lactic acid bacteria and yeast enhanced sugar metabolism and aroma formation during cocoa beans fermentation. <i>International Journal of Food Microbiology</i> , 2021, 339, 109015.	2.1	35
141	Citric acid bioproduction and downstream processing: Status, opportunities, and challenges. <i>Bioresource Technology</i> , 2021, 320, 124426.	4.8	35
142	High-Throughput rRNA Gene Sequencing Reveals High and Complex Bacterial Diversity Associated with Brazilian Coffee Beans Fermentation. <i>Food Technology and Biotechnology</i> , 2018, 56, 90-95.	0.9	35
143	Rice bran as a substrate for proteolytic enzyme production. <i>Brazilian Archives of Biology and Technology</i> , 2006, 49, 843-851.	0.5	34
144	Improvement on Citric Acid Production in Solid-state Fermentation by <i>Aspergillus niger</i> LPB BC Mutant Using Citric Pulp. <i>Applied Biochemistry and Biotechnology</i> , 2009, 158, 72-87.	1.4	34

#	ARTICLE	IF	CITATIONS
145	Hydrogen production from meat processing and restaurant waste derived crude glycerol by anaerobic fermentation and utilization of the spent broth. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 2264-2271.	1.6	34
146	Lipid production in <i>Rhodosporidium toruloides</i> using C-6 and C-5 wood hydrolysate: A comparative study. <i>Biomass and Bioenergy</i> , 2019, 130, 105355.	2.9	34
147	Spore production of <i>Beauveria bassiana</i> from agro-industrial residues. <i>Brazilian Archives of Biology and Technology</i> , 2005, 48, 51-60.	0.5	33
148	Hydrolytic pre-treatment methods for enhanced biobutanol production from agro-industrial wastes. <i>Bioresource Technology</i> , 2018, 249, 673-683.	4.8	33
149	Biological contamination and its chemical control in microalgal mass cultures. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9345-9358.	1.7	33
150	Development of a Bionematicide With <i>Paecilomyces lilacinus</i> to Control <i>Meloidogyne incognita</i> . <i>Applied Biochemistry and Biotechnology</i> , 2004, 118, 081-088.	1.4	32
151	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.	0.7	32
152	Phytodegradation Potential of <i>Erythrina crista-galli</i> L., Fabaceae, in Petroleum-Contaminated Soil. <i>Applied Biochemistry and Biotechnology</i> , 2009, 157, 10-22.	1.4	32
153	Study of the influence of sporulation conditions on heat resistance of <i>Geobacillus stearothermophilus</i> used in the development of biological indicators for steam sterilization. <i>Archives of Microbiology</i> , 2012, 194, 991-999.	1.0	32
154	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.	4.8	32
155	Development of an Innovative Nutraceutical Fermented Beverage from Herbal Mate (<i>Ilex</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.8	31
156	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.	4.8	31
157	Comparison of Citric Acid Production by Solid-State Fermentation in Flask, Column, Tray, and Drum Bioreactors. <i>Applied Biochemistry and Biotechnology</i> , 2004, 118, 293-304.	1.4	30
158	Lignocellulosic Bioethanol. , 2011, , 101-122.		30
159	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.	6.5	30
160	Kinetics of <i>Gibberella fujikuroi</i> Growth and Gibberellic Acid Production by Solid-State Fermentation in a Packed-Bed Column Bioreactor. <i>Biotechnology Progress</i> , 2004, 20, 1449-1453.	1.3	29
161	A Statistical Approach for Optimization of Polyhydroxybutyrate Production by <i>Bacillus sphaericus</i> NCIM 5149 under Submerged Fermentation Using Central Composite Design. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 996-1007.	1.4	29
162	Mitigation of the inhibitory effect of soap by magnesium salt treatment of crude glycerol – A novel approach for enhanced biohydrogen production from the biodiesel industry waste. <i>Bioresource Technology</i> , 2014, 151, 49-53.	4.8	29

#	ARTICLE	IF	CITATIONS
163	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.	5.1	29
164	A biorefinery approach for enzymatic complex production for the synthesis of xylooligosaccharides from sugarcane bagasse. <i>Bioresource Technology</i> , 2021, 333, 125174.	4.8	29
165	Effect of different compounds on the induction of laccase production by <i>Agaricus blazei</i> . <i>Genetics and Molecular Research</i> , 2015, 14, 15882-15891.	0.3	28
166	Gibberellic Acid Production by Different Fermentation Systems Using Citric Pulp as Substrate/Support. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	28
167	A bioprocess for the production of phytase from <i>Schizophyllum commune</i> : studies of its optimization, profile of fermentation parameters, characterization and stability. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1067-1079.	1.7	27
168	Optimum conditions for inducing laccase production in <i>Lentinus crinitus</i> . <i>Genetics and Molecular Research</i> , 2014, 13, 8544-8551.	0.3	27
169	In Vitro Probiotic Properties and DNA Protection Activity of Yeast and Lactic Acid Bacteria Isolated from A Honey-Based Kefir Beverage. <i>Foods</i> , 2019, 8, 485.	1.9	27
170	An updated review on bacterial community composition of traditional fermented milk products: what next-generation sequencing has revealed so far?. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1870-1889.	5.4	27
171	Citric acid assisted hydrothermal pretreatment for the extraction of pectin and xylooligosaccharides production from cocoa pod husks. <i>Bioresource Technology</i> , 2022, 343, 126074.	4.8	27
172	A new alternative to produce gibberellic acid by solid state fermentation. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 181-188.	0.5	26
173	Efficient genetic transformation and regeneration system from hairy root of <i>Origanum vulgare</i> . <i>Physiology and Molecular Biology of Plants</i> , 2016, 22, 271-277.	1.4	26
174	Optimization of inside and outside factors to improve recombinant protein yield in plant. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 449-467.	1.2	26
175	Analysis of inducers of xylanase and cellulase activities production by <i>Ganoderma applanatum</i> LPB MR-56. <i>Fungal Biology</i> , 2014, 118, 655-662.	1.1	25
176	Separation of Itaconic Acid from Aqueous Solution onto Ion-Exchange Resins. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 430-437.	1.0	25
177	Development of short chain fatty acid-based artificial neuron network tools applied to biohydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 5175-5181.	3.8	25
178	Immunomodulatory and Antitumoral Properties of <i>Ganoderma lucidum</i> and <i>Agaricus brasiliensis</i> (Agaricomycetes) Medicinal Mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 393-403.	0.9	25
179	Optimization of culture conditions for kefir production in whey: The structural and biocidal properties of the resulting polysaccharide. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2018, 16, 14-21.	1.5	24
180	Solid-State Fermentation for the Production of Organic Acids. , 2018, , 415-434.		24

#	ARTICLE	IF	CITATIONS
181	Exploring the contribution of fructophilic lactic acid bacteria to cocoa beans fermentation: Isolation, selection and evaluation. <i>Food Research International</i> , 2020, 136, 109478.	2.9	24
182	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.	1.4	23
183	Relation between Citric Acid Production and Respiration Rate of <i>Aspergillus niger</i> in Solid-State Fermentation. <i>Engineering in Life Sciences</i> , 2004, 4, 179-186.	2.0	23
184	Performance evaluation of a biotrickling filter degrading mixtures of hydrophobic and hydrophilic compounds. <i>Clean Technologies and Environmental Policy</i> , 2007, 9, 69-74.	2.1	23
185	Influence of airflow intensity on phytase production by solid-state fermentation. <i>Bioresource Technology</i> , 2012, 118, 603-606.	4.8	23
186	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.	1.6	23
187	Production and Application of Lactic Acid. , 2017, , 543-556.		23
188	Simultaneous cellulase production using domestic wastewater and bioprocess effluent treatment – A biorefinery approach. <i>Bioresource Technology</i> , 2019, 276, 42-50.	4.8	23
189	Integrating microbial metagenomics and physicochemical parameters and a new perspective on starter culture for fine cocoa fermentation. <i>Food Microbiology</i> , 2021, 93, 103608.	2.1	23
190	Soybean hulls as carbohydrate feedstock for medium to high-value biomolecule production in biorefineries: A review. <i>Bioresource Technology</i> , 2021, 339, 125594.	4.8	23
191	Partition and recovery of phytase from <i>Absidia blakesleeana</i> URM5604 using PEG-citrate aqueous two-phase systems. <i>Fluid Phase Equilibria</i> , 2012, 318, 34-39.	1.4	22
192	Isolation and characterization of the nematophagous fungus <i>Arthrobotrys conoides</i> . <i>Parasitology Research</i> , 2013, 112, 177-185.	0.6	22
193	Microalgal biorefineries: Integrated use of liquid and gaseous effluents from bioethanol industry for efficient biomass production. <i>Bioresource Technology</i> , 2019, 292, 121955.	4.8	22
194	Industrial production, patent landscape, and market trends of arachidonic acid-rich oil of <i>Mortierella alpina</i> . <i>Biotechnology Research and Innovation</i> , 2019, 3, 103-119.	0.3	22
195	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.	3.8	22
196	Technological mapping and trends in photobioreactors for the production of microalgae. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 42.	1.7	22
197	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.	3.8	22
198	Thermal characterization of partially hydrolyzed cassava (<i>Manihot esculenta</i>) starch granules. <i>Brazilian Archives of Biology and Technology</i> , 2008, 51, 1209-1215.	0.5	21

#	ARTICLE	IF	CITATIONS
199	Utilization of soybean vinasse for α -galactosidase production. Food Research International, 2009, 42, 476-483.	2.9	21
200	Concentration by ultrafiltration and stabilization of phytase produced by solid-state fermentation. Process Biochemistry, 2013, 48, 374-379.	1.8	21
201	Evaluation of a potentially probiotic non-dairy beverage developed with honey and kefir grains: Fermentation kinetics and storage study. Food Science and Technology International, 2016, 22, 732-742.	1.1	21
202	Oilseed Enzymatic Pretreatment for Efficient Oil Recovery in Biodiesel Production Industry: a Review. Bioenergy Research, 2020, 13, 1016-1030.	2.2	21
203	A review on enzyme-producing lactobacilli associated with the human digestive process: From metabolism to application. Enzyme and Microbial Technology, 2021, 149, 109836.	1.6	21
204	Physiological changes of <i>Candida tropicalis</i> population degrading phenol in fed batch reactor. Brazilian Archives of Biology and Technology, 2003, 46, 537-543.	0.5	20
205	Phytase produced on citric byproducts: purification and characterization. World Journal of Microbiology and Biotechnology, 2011, 27, 267-274.	1.7	20
206	Lignocellulosic Bioethanol: Current Status and Future Perspectives. , 2019, , 331-354.		20
207	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.. Biotechnology Research and Innovation, 2019, 3, 168-176.	0.3	20
208	Production and shelf-life studies of low cost beverage with soymilk, buffalo cheese whey and cow milk fermented by mixed cultures of <i>Lactobacillus casei</i> ssp. <i>shirota</i> and <i>Bifidobacterium adolescentis</i> . Journal of Basic Microbiology, 1999, 39, 243-251.	1.8	19
209	<i>Conidia</i> production of <i>Beauveria</i> sp. by solid-state fermentation for biocontrol of <i>Ilex paraguariensis</i> caterpillars. Folia Microbiologica, 2004, 49, 418-422.	1.1	19
210	Thermal analysis as a screening technique for the characterization of babassu flour and its solid fractions after acid and enzymatic hydrolysis. Thermochemica Acta, 2011, 519, 50-54.	1.2	19
211	Evaluation of different supplementary nutrients for enhanced biohydrogen production by <i>Enterobacter aerogenes</i> NRRL B 407 using waste derived crude glycerol. International Journal of Hydrogen Energy, 2013, 38, 2191-2198.	3.8	19
212	Xylanase production by <i>Streptomyces viridosporus</i> T7A in submerged and solid-state fermentation using agro-industrial residues. Brazilian Archives of Biology and Technology, 2009, 52, 171-180.	0.5	18
213	Optimization of <i>Agaricus blazei</i> laccase production by submerged cultivation with sugarcane molasses. African Journal of Microbiology Research, 2014, 8, 939-946.	0.4	18
214	Callus Growth Kinetics of Physic Nut (<i>Jatropha curcas</i> L.) and Content of Fatty Acids from Crude Oil Obtained In Vitro. Applied Biochemistry and Biotechnology, 2015, 176, 892-902.	1.4	18
215	Recent Advances in Vaccines Against <i>Leishmania</i> Based on Patent Applications. Recent Patents on Biotechnology, 2017, 12, 21-32.	0.4	18
216	Classification of enzymes and catalytic properties. , 2020, , 11-30.		18

#	ARTICLE	IF	CITATIONS
217	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.	3.6	18
218	Viruses in fermented foods: are they good or bad? Two sides of the same coin. <i>Food Microbiology</i> , 2021, 98, 103794.	2.1	18
219	The Antihypertensive, Antimicrobial and Anticancer Peptides from <i>Arthrospira</i> with Therapeutic Potential: A Mini Review. <i>Current Molecular Medicine</i> , 2020, 20, 593-606.	0.6	18
220	Isolation, identification and physiological study of <i>Lactobacillus fermentum</i> LPB for use as probiotic in chickens. <i>Brazilian Journal of Microbiology</i> , 2000, 31, 303.	0.8	17
221	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.	0.8	17
222	Alternative invitro propagation: use of sugarcane bagasse as a low cost support material during rooting stage of strawberry cv. Dover. <i>Brazilian Archives of Biology and Technology</i> , 2005, 48, 37-42.	0.5	17
223	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
224	Modelling antagonistic effect of lactic acid bacteria supernatants on some pathogenic bacteria. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 29-36.	0.5	17
225	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
226	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.	0.9	17
227	Novel spectrophotometric method for detection and estimation of butanol in acetone-butanol-ethanol fermenter. <i>Talanta</i> , 2015, 141, 116-121.	2.9	17
228	Using genetic diversity and mating system parameters estimated from genetic markers to determine strategies for the conservation of <i>Araucaria angustifolia</i> (Bert.) O. Kuntze (Araucariaceae). <i>Conservation Genetics</i> , 2016, 17, 413-423.	0.8	17
229	Bioengineering Hairy Roots: Phytoremediation, Secondary Metabolism, Molecular Pharming, Plant-Plant Interactions and Biofuels. <i>Sustainable Agriculture Reviews</i> , 2017, , 213-251.	0.6	17
230	Two-phase partitioning detoxification to improve biobutanol production from brewery industry wastes. <i>Chemical Engineering Journal</i> , 2017, 330, 1100-1108.	6.6	17
231	Phytochemical analysis and biological activities of in vitro cultured <i>Nidularium procerum</i> , a bromeliad vulnerable to extinction. <i>Scientific Reports</i> , 2020, 10, 7008.	1.6	17
232	Microbial Pigments. , 2014, , 73-97.		17
233	A novel approach for the production of natural aroma compounds using agro-industrial residue. <i>Bioprocess and Biosystems Engineering</i> , 2000, 23, 695-699.	1.7	16
234	Recombinant antigen production for assays of intradermoreaction for diagnosis and surveillance of tuberculosis. <i>Journal of Biotechnology</i> , 2011, 156, 56-58.	1.9	16

#	ARTICLE	IF	CITATIONS
235	High levels of genetic diversity through pollen flow of the coniferous <i>Araucaria angustifolia</i> : a landscape level study in Southern Brazil. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	0.6	16
236	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.	1.7	16
237	Draft Genome Sequence of <i>Pediococcus acidilactici</i> Strain LPBC161, Isolated from Mature Coffee Cherries during Natural Fermentation. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	16
238	The potential of plant systems to break the HIV-1/CRF link. <i>Plant Biotechnology Journal</i> , 2019, 17, 1868-1891.	4.1	16
239	Production and Characterization of Amylases by <i>Aspergillus niger</i> under Solid State Fermentation Using Agro Industrials Products. <i>International Journal of Food Engineering</i> , 2006, 2, .	0.7	15
240	Effect of caffeine and tannins on cultivation and fructification of <i>Pleurotus</i> on coffee husks. <i>Brazilian Journal of Microbiology</i> , 2006, 37, 420-424.	0.8	15
241	Application of Tropical Agro-industrial Residues as Substrate for Solid-state Fermentation Processes. , 2008, , 412-442.		15
242	Medicinal Mushroom <i>Ganoderma lucidum</i> (Leyss: Fr) Karst. Triggers Immunomodulatory Effects and Reduces Nitric Oxide Synthesis in Mice. <i>Journal of Medicinal Food</i> , 2010, 13, 142-148.	0.8	15
243	Respirometric Balance and Carbon Fixation of Industrially Important Algae. , 2014, , 67-84.		15
244	Facility-specific "house" microbiome ensures the maintenance of functional microbial communities into coffee beans fermentation: implications for source tracking. <i>Environmental Microbiology Reports</i> , 2021, 13, 470-481.	1.0	15
245	Cocoa pod husk valorization: alkaline-enzymatic pre-treatment for propionic acid production. <i>Cellulose</i> , 2021, 28, 4009-4024.	2.4	15
246	Designing enzyme cocktails from <i>Penicillium</i> and <i>Aspergillus</i> species for the enhanced saccharification of agro-industrial wastes. <i>Bioresource Technology</i> , 2021, 330, 124888.	4.8	15
247	Relation between citric acid production by solid-state fermentation from cassava bagasse and respiration of <i>Aspergillus niger</i> LPB 21 in semi-pilot scale. <i>Brazilian Archives of Biology and Technology</i> , 2005, 48, 29-36.	0.5	14
248	Production of Enzymes by Solid-state Fermentation. , 2008, , 183-204.		14
249	Production of Organic Acids by Solid-state Fermentation. , 2008, , 205-229.		14
250	Evaluation of toxic effects with transition metal ions, EDTA, SBTI and acrylic polymers on <i>Aedes aegypti</i> (L., 1762) (Diptera: Culicidae) and <i>Artemia salina</i> (artemidae). <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 335-341.	0.5	14
251	<i>Lichtheimia blakesleeana</i> as a New Potencial Producer of Phytase and Xylanase. <i>Molecules</i> , 2011, 16, 4807-4817.	1.7	14
252	Evaluation of probiotic properties of <i>Pediococcus acidilactici</i> B14 in association with <i>Lactobacillus acidophilus</i> ATCC 4356 for application in a soy based aerated symbiotic dessert. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 755-765.	0.5	14

#	ARTICLE	IF	CITATIONS
253	Bioprocess for phytase production by <i>Ganoderma</i> sp. MR-56 in different types of bioreactors through submerged cultivation. <i>Biochemical Engineering Journal</i> , 2016, 114, 288-297.	1.8	14
254	Synthetic Peptides as Potential Antigens for Cutaneous Leishmaniosis Diagnosis. <i>Journal of Immunology Research</i> , 2017, 2017, 1-10.	0.9	14
255	Growth kinetics, phenolic compounds profile and pigments analysis of <i>Galdieria sulphuraria</i> cultivated in whey permeate in shake-flasks and stirred-tank bioreactor. <i>Journal of Water Process Engineering</i> , 2020, 38, 101598.	2.6	14
256	A critical techno-economic analysis of coffee processing utilizing a modern fermentation system: Implications for specialty coffee production. <i>Food and Bioproducts Processing</i> , 2021, 125, 14-21.	1.8	14
257	Challenges in the production of second-generation organic acids (potential monomers for) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.9	14
258	Global cocoa fermentation microbiome: revealing new taxa and microbial functions by next generation sequencing technologies. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 118.	1.7	14
259	A biorefinery approach for pectin extraction and second-generation bioethanol production from cocoa pod husk. <i>Bioresource Technology</i> , 2022, 346, 126635.	4.8	14
260	Relationship Between Coffee Husk Caffeine Degradation and Respiration of <i>Aspergillus</i> sp. LPBx in Solid-State Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2002, 102-103, 169-178.	1.4	13
261	Microalgal strain selection for biofuel production. , 2019, , 51-66.		13
262	Production of arachidonic acid by <i>Mortierella alpina</i> using wastes from potato chips industry. <i>Journal of Applied Microbiology</i> , 2021, 130, 1592-1601.	1.4	13
263	Added-value biomolecules™ production from cocoa pod husks: A review. <i>Bioresource Technology</i> , 2022, 344, 126252.	4.8	13
264	Soybean hull valorization for sugar production through the optimization of citric acid pretreatment and enzymatic hydrolysis. <i>Industrial Crops and Products</i> , 2022, 186, 115178.	2.5	13
265	Growth kinetics of <i>Rhizopus arrhizus</i> in solid state fermentation of treated cassava. <i>Biotechnology Letters</i> , 1993, 7, 563-568.	0.5	12
266	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.	1.4	12
267	Biotechnological process for producing black bean slurry without stachyose. <i>Food Research International</i> , 2009, 42, 425-429.	2.9	12
268	Recovery of phytase produced by solid-state fermentation on citrus peel. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 1487-1496.	0.5	12
269	Mixed Cultures Fermentation for the Production of Poly- γ -hydroxybutyrate. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 644-652.	0.5	12
270	Production and Application of Citric Acid. , 2017, , 557-575.		12

#	ARTICLE	IF	CITATIONS
271	Solid-State Fermentation for the Production of Mushrooms. , 2018, , 285-318.		12
272	Second-generation itaconic acid: An alternative product for biorefineries?. Bioresource Technology, 2020, 308, 123319.	4.8	12
273	Microbiological, physicochemical and sensory studies of coffee beans fermentation conducted in a yeast bioreactor model. Food Biotechnology, 2020, 34, 172-192.	0.6	12
274	Influence of Environmental Microbiota on the Activity and Metabolism of Starter Cultures Used in Coffee Beans Fermentation. Fermentation, 2021, 7, 278.	1.4	12
275	Exploring cocoa pod husks as a potential substrate for citric acid production by solid-state fermentation using <i>Aspergillus niger</i> mutant strain. Process Biochemistry, 2022, 113, 107-112.	1.8	12
276	Caffeine degradation by <i>Rhizopus delemar</i> in packed bed column bioreactor using coffee husk as substrate. Brazilian Journal of Microbiology, 2003, 34, 102-104.	0.8	11
277	Simple models for the continuous aerobic biodegradation of phenol in a packed bed reactor. Brazilian Archives of Biology and Technology, 2006, 49, 669-676.	0.5	11
278	Evaluation of poultry litter traditional composting process. Brazilian Archives of Biology and Technology, 2011, 54, 1053-1058.	0.5	11
279	Hypolipidemic and antioxidant properties of <i>Ganoderma lucidum</i> (Leyss:Fr) Karst used as a dietary supplement. World Journal of Microbiology and Biotechnology, 2011, 27, 1083-1089.	1.7	11
280	Influence of drying methods over in vitro antitumoral effects of exopolysaccharides produced by <i>Agaricus blazei</i> LPB 03 on submerged fermentation. Bioprocess and Biosystems Engineering, 2011, 34, 253-261.	1.7	11
281	Gene-silencing suppressors for high-level production of the HIV-1 entry inhibitor griffithsin in <i>Nicotiana benthamiana</i> . Process Biochemistry, 2018, 70, 45-54.	1.8	11
282	Potential carbon fixation of industrially important microalgae. , 2019, , 67-88.		11
283	Production, characterization, and biological activity of a chitin-like EPS produced by <i>Mortierella alpina</i> under submerged fermentation. Carbohydrate Polymers, 2020, 247, 116716.	5.1	11
284	A factorial approach for a sugarcane juice-based low cost culture medium: increasing the astaxanthin production by the red yeast. Bioprocess and Biosystems Engineering, 1998, 19, 161.	0.5	11
285	<i>Lactobacillus plantarum</i> Amylase Acting on Crude Starch Granules. Applied Biochemistry and Biotechnology, 2000, 84-86, 721-730.	1.4	10
286	Use of sugarcane bagasse as an alternative low-cost support material during the rooting stage of apple micropropagation. In Vitro Cellular and Developmental Biology - Plant, 2004, 40, 408-411.	0.9	10
287	Factors Affecting Solid-state Fermentation. , 2008, , 26-47.		10
288	Utilization of the biorreactor of imersion by bubbles at the micropropagation of <i>Ananas comosus</i> L. Merril. Brazilian Archives of Biology and Technology, 2009, 52, 37-43.	0.5	10

#	ARTICLE	IF	CITATIONS
289	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.	1.7	10
290	Optimization of biomass production with copper bioaccumulation by yeasts in submerged fermentation. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 1027-1034.	0.5	10
291	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
292	The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems. , 2013, , 39-64.		10
293	<i>Agaricus brasiliensis</i> mycelium and its polysaccharide modulate the parameters of innate and adaptive immunity. <i>Food and Agricultural Immunology</i> , 2013, 24, 393-408.	0.7	10
294	Feedstocks for Biofuels. <i>Green Energy and Technology</i> , 2016, , 15-39.	0.4	10
295	Peroxidases. , 2017, , 217-232.		10
296	Cachaça and Rum. , 2017, , 451-468.		10
297	Harvesting <i>Neochloris oleoabundans</i> using commercial organic flocculants. <i>Journal of Applied Phycology</i> , 2018, 30, 2317-2324.	1.5	10
298	New Method for the Extraction of Single-Cell Oils from Wet Oleaginous Microbial Biomass: Efficiency, Oil Characterisation and Energy Assessment. <i>Waste and Biomass Valorization</i> , 2020, 11, 3443-3452.	1.8	10
299	Integrating metagenetics and high-throughput screening for bioprospecting marine thraustochytrids producers of long-chain polyunsaturated fatty acids. <i>Bioresource Technology</i> , 2021, 333, 125176.	4.8	10
300	High Immunomodulatory and Preventive Effects Against Sarcoma 180 in Mice Fed with Ling Zhi or Reishi Mushroom <i>Ganoderma lucidum</i> (W. Curt.: Fr.) P. Karst. (Aphyllophoromycetidae) Mycelium. <i>International Journal of Medicinal Mushrooms</i> , 2008, 10, 37-48.	0.9	10
301	Flavor Compounds Produced by Fungi, Yeasts, and Bacteria. , 0, , 179-191.		9
302	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.	1.7	9
303	INCREASE IN PHYTASE SYNTHESIS DURING CITRIC PULP FERMENTATION. <i>Chemical Engineering Communications</i> , 2010, 198, 286-297.	1.5	9
304	Optimized production of <i>Pichia guilliermondii</i> biomass with zinc accumulation by fermentation. <i>Animal Feed Science and Technology</i> , 2011, 163, 33-42.	1.1	9
305	Molecular characterisation and biomass and metabolite production of <i>Lactobacillus reuteri</i> LPB P01-001: a potential probiotic. <i>Brazilian Journal of Microbiology</i> , 2012, 43, 135-147.	0.8	9
306	Production of Cellulases by <i>Phanerochaete</i> sp. Using Empty Fruit Bunches of Palm (EFB) as Substrate: Optimization and Scale-Up of Process in Bubble Column and Stirred Tank Bioreactors (STR). <i>Waste and Biomass Valorization</i> , 2016, 7, 1327-1337.	1.8	9

#	ARTICLE	IF	CITATIONS
307	Hairy Root-Mediated Biotransformation: Recent Advances and Exciting Prospects. , 2018, , 185-211.		9
308	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.	1.4	9
309	Alternative methods for gibberellic acid production, recovery and formulation: A case study for product cost reduction. Bioresource Technology, 2020, 309, 123295.	4.8	9
310	Influence of organic solvents in the extraction and purification of torularhodin from <i>Sporobolomyces ruberrimus</i> . Biotechnology Letters, 2021, 43, 89-98.	1.1	9
311	Potential application of dextranase produced by <i>Penicillium aculeatum</i> in solid-state fermentation from brewer's spent grain in sugarcane process factories. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102086.	1.5	9
312	Modelling the steady state and dynamic conditions of a biotrickling filter treating styrene and acetone in air. Brazilian Archives of Biology and Technology, 2010, 53, 1225-1234.	0.5	9
313	Biohydrogen Production from Agro-industrial Wastes Using <i>Clostridium beijerinckii</i> and Isolated Bacteria as Inoculum. Bioenergy Research, 2022, 15, 987-997.	2.2	9
314	Coffee Husk as Substrate for the Production of Gibberellic Acid by Fermentation. , 2000, , 401-408.		8
315	Continuous aerobic phenol degradation by defined mixed immobilized culture in packed bed reactors. Folia Microbiologica, 2005, 50, 301-308.	1.1	8
316	Study of some parameters which affect xylanase production: Strain selection, enzyme extraction optimization, and influence of drying conditions. Biotechnology and Bioprocess Engineering, 2009, 14, 748-755.	1.4	8
317	Effect of forced aeration on citric acid production by <i>Aspergillus</i> sp. mutants in SSF. World Journal of Microbiology and Biotechnology, 2013, 29, 2317-2324.	1.7	8
318	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Eucalyptus urophylla</i> clone BRS07-01. Journal of Forestry Research, 2020, 31, 507-519.	1.7	8
319	Definition of Liquid and Powder Cellulase Formulations Using Domestic Wastewater in Bubble Column Reactor. Applied Biochemistry and Biotechnology, 2020, 190, 113-128.	1.4	8
320	Bioprospection of green microalgae native to Paran�, Brazil using a multi-criteria analysis: Potential for the production of lipids, proteins, and carotenoids. Bioresource Technology Reports, 2020, 10, 100398.	1.5	8
321	Styrene biofiltration in a trickle-bed reactor. Brazilian Archives of Biology and Technology, 2008, 51, 385-390.	0.5	8
322	Production of Polysaccharide by Culinary-Medicinal Mushroom <i>Agaricus brasiliensis</i> S. Wasser et al. LPB 03 (Agaricomycetidae) in Submerged Fermentation and Its Antitumor Effect. International Journal of Medicinal Mushrooms, 2003, 5, 17-24.	0.9	8
323	Isolation and selection of fructose-consuming lactic acid bacteria associated with coffee bean fermentation. Food Biotechnology, 2022, 36, 58-75.	0.6	8
324	Sugarcane: A Promising Source of Green Carbon in the Circular Bioeconomy. Sugar Tech, 2022, 24, 1230-1245.	0.9	8

#	ARTICLE	IF	CITATIONS
325	Mushroom Production. , 2008, , 253-274.		7
326	Formulated products containing a new phytase from Schyzophyllum sp. phytase for application in feed and food processing. Brazilian Archives of Biology and Technology, 2011, 54, 1069-1074.	0.5	7
327	ENTEROBACTERIACEAE, COLIFORMS AND E. COLI Introduction. , 2014, , 659-666.		7
328	Effect of Novel Penicillium verruculosum Enzyme Preparations on the Saccharification of Acid- and Alkali-Pretreated Agro-Industrial Residues. Agronomy, 2020, 10, 1348.	1.3	7
329	Are Sugarcane Molasses Competitive Substrates for Bio-based Platform Chemicals?. Journal of Agricultural and Food Chemistry, 2020, 68, 4073-4074.	2.4	7
330	The potential of sweet potato biorefinery and development of alternative uses. SN Applied Sciences, 2021, 3, 347.	1.5	7
331	Biofiltration of a styrene/acetone vapor mixture in two reactor types under conditions of styrene overloading. Brazilian Archives of Biology and Technology, 2014, 57, 782-788.	0.5	7
332	Growth Parameters of Agaricus brasiliensis Mycelium on Wheat Grains in Solid-state Fermentation. Biotechnology, 2012, 11, 144-153.	0.5	7
333	A concise update on major poly-lactic acid bioprocessing barriers. Bioresource Technology Reports, 2022, 18, 101094.	1.5	7
334	Citric acid production on three cellulosic supports in solid state fermentation. , 1997, , 449-462.		6
335	Growth kinetics of Rhizopus formosa MUCL 28422 on raw cassava flour in solid state fermentation. Journal of Chemical Technology and Biotechnology, 1999, 74, 580-586.	1.6	6
336	General Considerations about Solid-state Fermentation Processes. , 2008, , 13-25.		6
337	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
338	Production and Characterization of a Distilled Alcoholic Beverage Obtained by Fermentation of Banana Waste (Musa cavendishii) from Selected Yeast. Fermentation, 2017, 3, 62.	1.4	6
339	New strategy to improve quality control of Montenegro skin test at the production level. Revista Da Sociedade Brasileira De Medicina Tropical, 2017, 50, 788-794.	0.4	6
340	Kinetics of the Solid-State Fermentation Process. , 2018, , 57-82.		6
341	Simulation of different biorefinery configuration including environmental, technical and economic assay using sugarcane bagasse. Journal of Cleaner Production, 2021, 316, 128162.	4.6	6
342	Antidiabetic activities of ethanol extract of dry matters of culture broth of Coriolus versicolor in submerged culture. Brazilian Archives of Biology and Technology, 2011, 54, 701-708.	0.5	6

#	ARTICLE	IF	CITATIONS
343	Mixotrophic Cultivation of Microalgae in Cassava Processing Wastewater for Simultaneous Treatment and Production of Lipid-Rich Biomass. <i>Fuels</i> , 2021, 2, 521-532.	1.3	6
344	Bioremediation: an important alternative for soil and industrial wastes clean-up. <i>Indian Journal of Experimental Biology</i> , 2003, 41, 1030-45.	0.5	6
345	Converting Sugars into Cannabinoidsâ€”The State-of-the-Art of Heterologous Production in Microorganisms. <i>Fermentation</i> , 2022, 8, 84.	1.4	6
346	A factorial approach for a sugarcane juice-based low cost culture medium: increasing the astaxanthin production by the red yeast <i>Phaffia rhodozyma</i> . <i>Bioprocess and Biosystems Engineering</i> , 1998, 19, 161-164.	0.5	5
347	Impact of biocatalyst and moisture content on toluene/xylene mixture biofiltration. <i>Brazilian Archives of Biology and Technology</i> , 2006, 49, 1001-1006.	0.5	5
348	Start-up and performance characteristics of a trickle bed reactor degrading toluene. <i>Brazilian Archives of Biology and Technology</i> , 2007, 50, 871-877.	0.5	5
349	Production of Pigments. , 2008, , 337-355.		5
350	Production of Aroma Compounds. , 2008, , 356-376.		5
351	Respirometry kinetics of phenol oxidation by <i>Comamonas testosteroni</i> Pb50 under various conditions of nutritional stress. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 1519-1528.	0.5	5
352	Current Market Trends and Future Directions. <i>Microbiology Monographs</i> , 2011, , 299-319.	0.3	5
353	Use of soybean vinasses as a germinant medium for a <i>Geobacillus stearothermophilus</i> ATCC 7953 sterilization biological indicator. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 713-719.	1.7	5
354	Hypolipidemic and antiatherosclerotic potential of <i>Pleurotus ostreatus</i> , cultivated by submerged fermentation in the high-fat diet fed rats. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 201-208.	1.4	5
355	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
356	Aqueous two-phase extraction for partial purification of <i>Schizophyllum commune</i> phytase produced under solid-state fermentation. <i>Biocatalysis and Biotransformation</i> , 2014, 32, 45-52.	1.1	5
357	Biocosmetics. , 2014, , 389-411.		5
358	Dynamics of ethanol production from deproteinized whey by <i>Kluyveromyces marxianus</i> : An analysis about buffering capacity, thermal and nitrogen tolerance. <i>Brazilian Archives of Biology and Technology</i> , 2015, 58, 454-461.	0.5	5
359	Microbial Enzyme Factories. , 2016, , 1-22.		5
360	Bioethanol from Soybean Molasses. <i>Green Energy and Technology</i> , 2016, , 241-254.	0.4	5

#	ARTICLE	IF	CITATIONS
361	Laccases. , 2017, , 199-216.		5
362	Microscale direct transesterification of microbial biomass with ethanol for screening of microorganisms by its fatty acid content. Brazilian Archives of Biology and Technology, 2019, 62, .	0.5	5
363	Bioconversion of potato-processing wastes into an industrially-important chemical lactic acid. Bioresource Technology Reports, 2021, 15, 100698.	1.5	5
364	Development of Bioprocesses for the Conservation, Detoxification and Value-Addition of Coffee Pulp and Coffee Husk. , 2000, , 377-392.		5
365	Bioprospecting lipid-producing microorganisms: From metagenomic-assisted isolation techniques to industrial application and innovations. Bioresource Technology, 2022, 346, 126455.	4.8	5
366	Roles and impacts of bioethanol and biodiesel on climate change mitigation. , 2022, , 373-400.		5
367	Inulinase Synthesis from a Mesophilic Culture in Submerged Cultivation. Applied Biochemistry and Biotechnology, 1999, 82, 103-114.	1.4	4
368	Hydrolysis of Coffee Husk: Process Optimization to Recover Its Fermentable Sugar. , 2000, , 409-417.		4
369	Evaluation of Bacillus sphaericus bioinsecticide produced with white soybean meal as culture medium for the control of Culex (Culex) quinquefasciatus. Cadernos De Saude Publica, 2009, 25, 563-569.	0.4	4
370	Biofiltration of increasing concentration gasoline vapors with different ethanol proportions. Journal of Chemical Technology and Biotechnology, 2012, 87, 791-796.	1.6	4
371	Development of a low-cost sterilization biological indicator using Bacillus atrophaeus by solid-state fermentation. Applied Microbiology and Biotechnology, 2012, 93, 151-158.	1.7	4
372	Characterization of Hemicellulolytic Enzymes Produced by Aspergillus niger NRRL 328 under Solid State Fermentation on Soybean Husks. BioResources, 2014, 9, .	0.5	4
373	Bioethanol Wastes: Economic Valorization. Green Energy and Technology, 2016, , 255-289.	0.4	4
374	Microbial Oil for Biodiesel Production. Green Energy and Technology, 2016, , 387-406.	0.4	4
375	Process parameters optimization to produce the recombinant protein CFP10 for the diagnosis of tuberculosis. Protein Expression and Purification, 2019, 154, 118-125.	0.6	4
376	Presence and persistence of Pseudomonas sp. during Caspian Sea-style spontaneous milk fermentation highlights the importance of safety and regulatory concerns for traditional and ethnic foods. Food Science and Technology, 2021, 41, 273-283.	0.8	4
377	Valorization of lignin from pine (Pinus spp.) residual sawdust: antioxidant activity and application in the green synthesis of silver nanoparticles for antibacterial purpose. Biomass Conversion and Biorefinery, 2023, 13, 10051-10063.	2.9	4
378	Glucoamylase. , 2006, , 221-237.		4

#	ARTICLE	IF	CITATIONS
379	A Novel Approach for the Production of Natural Aroma Compounds Using Coffee Husk. , 2000, , 419-425.		4
380	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
381	Inibi��o do crescimento de bact�rias Gram-negativas em microdilui��o por tratamento com Nisina e EDTA. <i>Journal of Biotechnology and Biodiversity</i> , 2012, 3, 127-135.	0.1	4
382	Residual compost from the production of <i>Bactris gasipaes</i> Kunth and <i>Pleurotus ostreatus</i> as soil conditioners for <i>Lactuca sativa</i> �Veronica�™. <i>Semina: Ciencias Agrarias</i> , 2017, 38, 581.	0.1	4
383	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
384	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.	1.5	4
385	Gibberellic Acid Production. , 2008, , 277-301.		3
386	Development of a Low Cost Bioprocess for Endotoxin Production by <i>Bacillus thuringiensis</i> var <i>israelensis</i> Intended for Biological Control of <i>Aedes aegypti</i> . <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 121-130.	0.5	3
387	Genetic variability of three natural populations of <i>Maytenus aquifolium</i> (Celastraceae) from Tel�maco Borba, Paran�, Brazil. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 1037-1042.	0.5	3
388	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.	0.9	3
389	Soybean molasses-based bioindicator system for monitoring sterilization process: Designing and performance evaluation. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 75-87.	1.4	3
390	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.	1.0	3
391	Cell Disruption and Isolation of Intracellular Products. , 2017, , 807-822.		3
392	Production and recovery of bioaromas synthesized by microorganisms. , 2019, , 315-338.		3
393	Digestive Enzymes: Industrial Applications in Food Products. <i>Energy, Environment, and Sustainability</i> , 2019, , 267-291.	0.6	3
394	Update and Revalidation of Ghose�™s Cellulase Assay Methodology. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 1271-1279.	1.4	3
395	Lignocellulosic Biorefinery for Value-Added Products: The Emerging Bioeconomy. , 2021, , 291-321.		3
396	Selenium-Enriched Probiotic <i>Saccharomyces boulardii</i> CCT 4308 Biomass Production Using Low-Cost Sugarcane Molasses Medium. <i>Brazilian Archives of Biology and Technology</i> , 2021, 64, .	0.5	3

#	ARTICLE	IF	CITATIONS
397	Valorization of solid and liquid wastes from palm oil industry. , 2021, , 235-265.		3
398	Screening of Fungal Strains for Cellulolytic and Xylanolytic Activities Production and Evaluation of Brewersâ€™ Spent Grain as Substrate for Enzyme Production by Selected Fungi. Energies, 2021, 14, 4443.	1.6	3
399	Cultivation of Lentinula edodes on mixture of cassava bagasse and sugarcane bagasse. , 1997, , 501-513.		3
400	Prospect for production of Pleurotus sajor â€™ caju from cassava fibrous waste. , 1997, , 515-527.		3
401	Microbial Degradation of Caffeine and Tannins from Coffee Husk. , 2000, , 393-400.		3
402	Real-time PCR for traceability and quantification of genetically modified seeds in lots of non-transgenic soybean. Bioscience Journal, 0, , 34-41.	0.4	3
403	Impact of biocatalyst and moisture content on toluene/xylene mixture biofiltration. Brazilian Archives of Biology and Technology, 2006, 49, 347-352.	0.5	3
404	Some Applications of Artificial Intelligence on Biotechnology. Journal of Biotechnology and Biodiversity, 2014, 5, 1-11.	0.1	3
405	Sugarcane Biorefineries: Status and Perspectives in Bioeconomy. Bioenergy Research, 2022, 15, 1842-1853.	2.2	3
406	Instrumentation and Control in SSF. , 2008, , 145-167.		2
407	Informatics in Solid-state Fermentation. , 2008, , 168-179.		2
408	Bovine mastitis in the metropolitan area of Curitiba: antibiotic resistance and antimicrobial control of the infection. Brazilian Archives of Biology and Technology, 2011, 54, 709-716.	0.5	2
409	Production biomolecule with inhibitory activity against Gram-negative bacteria isolated from faeces of broilers and swine. Brazilian Archives of Biology and Technology, 2011, 54, 723-731.	0.5	2
410	Relations between phenotypic changes of spores and biofilm production by Bacillus atrophaeus ATCC 9372 growing in solid-state fermentation. Archives of Microbiology, 2012, 194, 815-825.	1.0	2
411	Production of Potential Vaccine Against Dermatobia hominis for Cattle. Applied Biochemistry and Biotechnology, 2012, 167, 412-424.	1.4	2
412	Agaricus brasiliensismycelium supplementation in Sarcoma 180tumour-bearing mice reverses the immune response induced by the tumour. Food and Agricultural Immunology, 2013, 24, 151-164.	0.7	2
413	Glycerol-based sterilization bioindicator system from Bacillus atrophaeus: development, performance evaluation, and cost analysis. Applied Microbiology and Biotechnology, 2013, 97, 1031-1042.	1.7	2
414	Biohydrogen. Green Energy and Technology, 2016, , 407-429.	0.4	2

#	ARTICLE	IF	CITATIONS
415	Life-Cycle Assessment of Biofuels. <i>Green Energy and Technology</i> , 2016, , 485-500.	0.4	2
416	Production and Application of Polylactides. , 2017, , 633-653.		2
417	Nattokinases. , 2017, , 509-526.		2
418	Approaches for the Isolation and Purification of Fermentation Products. , 2017, , 783-805.		2
419	Development of a Rabies Vaccine in Cell Culture for Veterinary Use in the Lyophilized Form. , 2017, , 523-560.		2
420	Bioethanol and succinic acid co-production from imidazole-pretreated soybean hulls. <i>Industrial Crops and Products</i> , 2021, 172, 114060.	2.5	2
421	Molecular characterisation and biomass and metabolite production of <i>Lactobacillus reuteri</i> LPB P01-001: A potential probiotic. <i>Brazilian Journal of Microbiology</i> , 2012, 43, 135-47.	0.8	2
422	<i>Cordyceps sinensis</i> biomass produced by submerged fermentation in high-fat diet feed rats normalizes the blood lipid and the low testosterone induced by diet. <i>EXCLI Journal</i> , 2012, 11, 767-775.	0.5	2
423	Development of a Culture Medium for Microalgae Production Based on Minimal Processing of Oil Palm Biomass Ash. <i>Fermentation</i> , 2022, 8, 55.	1.4	2
424	Application of enzymes in microbial fermentation of biomass wastes for biofuels and biochemicals production. , 2022, , 283-316.		2
425	High-performance immune diagnosis of tuberculosis: Use of phage display and synthetic peptide in an optimized experimental design. <i>Journal of Immunological Methods</i> , 2022, 503, 113242.	0.6	2
426	Relation between Respirometric Data and Amylolytic Enzyme Production by SSF in Column-Type Bioreactor. <i>International Journal of Chemical Reactor Engineering</i> , 2007, 5, .	0.6	1
427	Flavor Production by Solid and Liquid Fermentation. , 0, , 193-203.		1
428	Partial characterization of an inulinase produced by <i>Aspergillus japonicus</i> URM5633. <i>Brazilian Archives of Biology and Technology</i> , 2012, 55, 671-676.	0.5	1
429	Pretreatment Strategies to Enhance Value Addition of Agro-industrial Wastes. , 2014, , 29-49.		1
430	Effect of spraying <i>Arthrobotrys conoides</i> conidia on pastures to control nematode infection in sheep. <i>Semina: Ciências Agrárias</i> , 2015, 36, 239.	0.1	1
431	Development of an L-Lysine Enriched Bran for Animal Nutrition via Submerged Fermentation by <i>Corynebacterium glutamicum</i> using Agroindustrial Substrates. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .	0.5	1
432	Butyric Acid. , 2016, , 119-132.		1

#	ARTICLE	IF	CITATIONS
433	Patents on Biofuels. <i>Green Energy and Technology</i> , 2016, , 501-523.	0.4	1
434	Veterinary Rabies Vaccine. , 2017, , 499-521.		1
435	Milk Immunoglobulins and Their Implications for Health Promotion. , 2017, , 87-96.		1
436	Recovery of recombinant proteins CFP10 and ESAT6 from <i>Escherichia coli</i> inclusion bodies for tuberculosis diagnosis: a statistical optimization approach. <i>Biotechnology Research and Innovation</i> , 2019, 3, 298-305.	0.3	1
437	Biological evaluation of mimetic peptides as active molecules for a new and simple skin test in an animal model. <i>Parasitology Research</i> , 2019, 118, 317-324.	0.6	1
438	A non-waste strategy for enzymatic hydrolysis of cellulose recovered from domestic wastewater. <i>Environmental Technology (United Kingdom)</i> , 2020, , 1-10.	1.2	1
439	A comparative study of extraction techniques for maximum recovery of bioactive compounds from <i>Ganoderma lucidum</i> spores. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2020, 49, .	0.3	1
440	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.	4.8	1
441	In silico and in vitro Evaluation of Mimetic Peptides as Potential Antigen Candidates for Prophylaxis of Leishmaniosis. <i>Frontiers in Chemistry</i> , 2020, 8, 601409.	1.8	1
442	A Review on COVID-19 Diagnosis Tests Approved for Use in Brazil and the Impact on Pandemic Control. <i>Brazilian Archives of Biology and Technology</i> , 2021, 64, .	0.5	1
443	In vitro cytotoxic effect of a chitin-like polysaccharide produced by <i>Mortierella alpina</i> on adrenocortical carcinoma cells H295R, and its use as mitotane adjuvant. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 395-403.	0.7	1
444	Metagenomic analyses, isolation and characterization of endophytic bacteria associated with <i>Eucalyptus urophylla</i> BRS07-01 in vitro plants. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 164.	1.7	1
445	Protein enrichment of apple pomace by solid state fermentation. , 1997, , 257-271.		1
446	Biofiltration of volatile organic compounds of Brazilian gasoline. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 119-125.	0.5	1
447	Microbial Statins. , 2014, , 313-333.		1
448	Pretreatments of Solid Wastes for Anaerobic Digestion and Its Importance for the Circular Economy. , 2022, , 69-94.		1
449	Enzymatic bioremediation. , 2022, , 355-381.		1
450	Downstream processing and formulation of microbial lipids. , 2022, , 261-287.		1

#	ARTICLE	IF	CITATIONS
451	Degradação da matéria seca e da proteína bruta de silagens de milho sem espigas com cana-de-açúcar e bagaço de mandioca. <i>Acta Scientiarum - Animal Sciences</i> , 2006, 28, 423.	0.3	0
452	Kinetics of Solid-state Fermentation. , 2008, , 48-73.		0
453	Production of Biofuels from Algal Biomass by Fast Pyrolysis. , 2014, , 143-153.		0
454	Plant Growth Hormones and Other Phytochemicals. , 2014, , 163-183.		0
455	Emerging Technologies for Bioactive Applications in Foods. , 2017, , 205-226.		0
456	Development of Process to Produce Recombinant Component for Acellular Pertussis Vaccine. , 2017, , 459-477.		0
457	Antileishmanial Biocompound Screening. , 2017, , 563-594.		0
458	Cloning and Expression of a Heterologous Protein With Immunological Potential Against <i>Corynebacterium diphtheriae</i> . , 2017, , 479-497.		0
459	Crude Fermented Extract Containing Gibberellic Acid Produced by <i>Fusarium moniliforme</i> is an Alternative to Cost Reduction in Biofactories. <i>Brazilian Archives of Biology and Technology</i> , 2018, 61, .	0.5	0
460	Pretreatments of Solid Wastes for Anaerobic Digestion and Its Importance for the Circular Economy. , 2021, , 1-27.		0
461	Recovery and valorization of CO2 from the organic wastes fermentation. , 2021, , 947-962.		0
462	Production of a Biocompost by Solid State Fermentation Against the Coffee Nematodes. , 2003, , 403-412.		0
463	Isolation and Identification of Lactic Acid Bacteria from Mature Coffee Cherries: Potential Application in Coffee Husk Ensiling. , 2003, , 321-333.		0
464	New Potentialities of Uses of Coffee Industry Residues in Brazil. , 2003, , 73-88.		0
465	Applications of Industrial Enzymes. , 2006, , 533-548.		0
466	Phytase. , 2006, , 359-380.		0
467	Seleção de cepas de <i>Bacillus thuringiensis</i> Berliner para o controle de <i>Aedes aegypti</i> Linnaeus. <i>Journal of Biotechnology and Biodiversity</i> , 2013, 4, 78-83.	0.1	0
468	Integrated processing of soybean in a circular bioeconomy. , 2022, , 189-216.		0

#	ARTICLE	IF	CITATIONS
469	Biorefinery approaches for integral use of microalgal biomass. , 2022, , 321-344.		0
470	Biorefineries and circular economy in the production of lipids. , 2022, , 309-330.		0
471	Microbial lipids production using renewable agro-industrial liquid effluent as feedstock. , 2022, , 245-259.		0
472	Lipids produced by microalgae and thraustochytrids. , 2022, , 191-217.		0