

# Carlos Ricardo Soccol

## List of Publications by Year in descending order

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Version: 2024-02-01

472  
papers

20,712  
citations

14124

69  
h-index

17891

125  
g-index

485  
all docs

485  
docs citations

485  
times ranked

19612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Valorization of lignin from pine ( <i>Pinus</i> spp.) residual sawdust: antioxidant activity and application in the green synthesis of silver nanoparticles for antibacterial purpose. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 10051-10063.	2.9	4
2	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
3	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
4	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
5	Added-value biomolecules™ production from cocoa pod husks: A review. <i>Bioresource Technology</i> , 2022, 344, 126252.	4.8	13
6	Biohydrogen Production from Agro-industrial Wastes Using <i>Clostridium beijerinckii</i> and Isolated Bacteria as Inoculum. <i>Bioenergy Research</i> , 2022, 15, 987-997.	2.2	9
7	Bioprospecting lipid-producing microorganisms: From metagenomic-assisted isolation techniques to industrial application and innovations. <i>Bioresource Technology</i> , 2022, 346, 126455.	4.8	5
8	Isolation and selection of fructose-consuming lactic acid bacteria associated with coffee bean fermentation. <i>Food Biotechnology</i> , 2022, 36, 58-75.	0.6	8
9	Exploring cocoa pod husks as a potential substrate for citric acid production by solid-state fermentation using <i>Aspergillus niger</i> mutant strain. <i>Process Biochemistry</i> , 2022, 113, 107-112.	1.8	12
10	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
11	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
12	Application of enzymes in microbial fermentation of biomass wastes for biofuels and biochemicals production. , 2022, , 283-316.		2
13	Roles and impacts of bioethanol and biodiesel on climate change mitigation. , 2022, , 373-400.		5
14	Integrated processing of soybean in a circular bioeconomy. , 2022, , 189-216.		0
15	Pretreatments of Solid Wastes for Anaerobic Digestion and Its Importance for the Circular Economy. , 2022, , 69-94.		1
16	Enzymatic bioremediation. , 2022, , 355-381.		1
17	Converting Sugars into Cannabinoidsâ€”The State-of-the-Art of Heterologous Production in Microorganisms. <i>Fermentation</i> , 2022, 8, 84.	1.4	6
18	Sugarcane Biorefineries: Status and Perspectives in Bioeconomy. <i>Bioenergy Research</i> , 2022, 15, 1842-1853.	2.2	3

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19	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
20	A concise update on major poly-lactic acid bioprocessing barriers. <i>Bioresource Technology Reports</i> , 2022, 18, 101094.	1.5	7
21	Biorefinery approaches for integral use of microalgal biomass. , 2022, , 321-344.		0
22	Sugarcane: A Promising Source of Green Carbon in the Circular Bioeconomy. <i>Sugar Tech</i> , 2022, 24, 1230-1245.	0.9	8
23	Beyond sugar and ethanol: The future of sugarcane biorefineries in Brazil. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 167, 112721.	8.2	44
24	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
25	Biorefineries and circular economy in the production of lipids. , 2022, , 309-330.		0
26	Microbial lipids production using renewable agro-industrial liquid effluent as feedstock. , 2022, , 245-259.		0
27	Lipids produced by microalgae and thraustochytrids. , 2022, , 191-217.		0
28	Downstream processing and formulation of microbial lipids. , 2022, , 261-287.		1
29	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
30	Hydrogen: Current advances and patented technologies of its renewable production. <i>Journal of Cleaner Production</i> , 2021, 286, 124970.	4.6	83
31	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
32	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
33	Influence of organic solvents in the extraction and purification of torularhodin from <i>Sporobolomyces ruberrimus</i> . <i>Biotechnology Letters</i> , 2021, 43, 89-98.	1.1	9
34	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
35	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
36	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

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37	Citric acid bioproduction and downstream processing: Status, opportunities, and challenges. <i>Bioresource Technology</i> , 2021, 320, 124426.	4.8	35
38	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
39	Pentose-rich hydrolysate from oil palm empty fruit bunches for Î²-glucan production using <i>Pichia jadinii</i> and <i>Cyberlindnera jadinii</i> . <i>Bioresource Technology</i> , 2021, 320, 124212.	4.8	1
40	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
41	Lignocellulosic Biorefinery for Value-Added Products: The Emerging Bioeconomy. , 2021, , 291-321.		3
42	Pretreatments of Solid Wastes for Anaerobic Digestion and Its Importance for the Circular Economy. , 2021, , 1-27.		0
43	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
44	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
45	Recovery and valorization of CO <sub>2</sub> from the organic wastes fermentation. , 2021, , 947-962.		0
46	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
47	Valorization of solid and liquid wastes from palm oil industry. , 2021, , 235-265.		3
48	The potential of sweet potato biorefinery and development of alternative uses. <i>SN Applied Sciences</i> , 2021, 3, 347.	1.5	7
49	<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
50	Bioeconomy and biofuels: the case of sugarcane ethanol in Brazil. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 899-912.	1.9	47
51	Cocoa pod husk valorization: alkaline-enzymatic pre-treatment for propionic acid production. <i>Cellulose</i> , 2021, 28, 4009-4024.	2.4	15
52	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
53	Presence and persistence of <i>Pseudomonas</i> sp. during Caspian Sea-style spontaneous milk fermentation highlights the importance of safety and regulatory concerns for traditional and ethnic foods. <i>Food Science and Technology</i> , 2021, 41, 273-283.	0.8	4
54	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

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55	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
56	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
57	Screening of Fungal Strains for Cellulolytic and Xylanolytic Activities Production and Evaluation of Brewersâ€™ Spent Grain as Substrate for Enzyme Production by Selected Fungi. <i>Energies</i> , 2021, 14, 4443.	1.6	3
58	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
59	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
60	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
61	Potential application of dextranase produced by <i>Penicillium aculeatum</i> in solid-state fermentation from brewer's spent grain in sugarcane process factories. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 35, 102086.	1.5	9
62	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
63	Simulation of different biorefinery configuration including environmental, technical and economic assay using sugarcane bagasse. <i>Journal of Cleaner Production</i> , 2021, 316, 128162.	4.6	6
64	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
65	Bioconversion of potato-processing wastes into an industrially-important chemical lactic acid. <i>Bioresource Technology Reports</i> , 2021, 15, 100698.	1.5	5
66	A review on enzyme-producing lactobacilli associated with the human digestive process: From metabolism to application. <i>Enzyme and Microbial Technology</i> , 2021, 149, 109836.	1.6	21
67	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
68	Bioethanol and succinic acid co-production from imidazole-pretreated soybean hulls. <i>Industrial Crops and Products</i> , 2021, 172, 114060.	2.5	2
69	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
70	Influence of Environmental Microbiota on the Activity and Metabolism of Starter Cultures Used in Coffee Beans Fermentation. <i>Fermentation</i> , 2021, 7, 278.	1.4	12
71	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
72	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

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73	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
74	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Eucalyptus urophylla</i> clone BRS07-01. <i>Journal of Forestry Research</i> , 2020, 31, 507-519.	1.7	8
75	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.	1.4	9
76	Definition of Liquid and Powder Cellulase Formulations Using Domestic Wastewater in Bubble Column Reactor. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 113-128.	1.4	8
77	Lactic acid bacteria: what coffee industry should know?. <i>Current Opinion in Food Science</i> , 2020, 31, 1-8.	4.1	38
78	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
79	Microalgal biomass pretreatment for integrated processing into biofuels, food, and feed. <i>Bioresource Technology</i> , 2020, 300, 122719.	4.8	105
80	Current advances in on-site cellulase production and application on lignocellulosic biomass conversion to biofuels: A review. <i>Biomass and Bioenergy</i> , 2020, 132, 105419.	2.9	136
81	Effect of Novel <i>Penicillium verruculosum</i> Enzyme Preparations on the Saccharification of Acid- and Alkali-Pretreated Agro-Industrial Residues. <i>Agronomy</i> , 2020, 10, 1348.	1.3	7
82	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
83	Effect of sequential acid-alkaline treatment on physical and chemical characteristics of lignin and cellulose from pine ( <i>Pinus</i> spp.) residual sawdust. <i>Bioresource Technology</i> , 2020, 316, 123884.	4.8	40
84	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
85	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
86	Oilseed Enzymatic Pretreatment for Efficient Oil Recovery in Biodiesel Production Industry: a Review. <i>Bioenergy Research</i> , 2020, 13, 1016-1030.	2.2	21
87	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
88	Are Sugarcane Molasses Competitive Substrates for Bio-based Platform Chemicals?. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4073-4074.	2.4	7
89	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
90	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

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91	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
92	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
93	Production, characterization, and biological activity of a chitin-like EPS produced by <i>Mortierella alpina</i> under submerged fermentation. <i>Carbohydrate Polymers</i> , 2020, 247, 116716.	5.1	11
94	<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
95	Update and Revalidation of Ghose's Cellulase Assay Methodology. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 1271-1279.	1.4	3
96	Bioprospection of green microalgae native to Paraná, Brazil using a multi-criteria analysis: Potential for the production of lipids, proteins, and carotenoids. <i>Bioresource Technology Reports</i> , 2020, 10, 100398.	1.5	8
97	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
98	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
99	Alternative methods for gibberellic acid production, recovery and formulation: A case study for product cost reduction. <i>Bioresource Technology</i> , 2020, 309, 123295.	4.8	9
100	Second-generation itaconic acid: An alternative product for biorefineries?. <i>Bioresource Technology</i> , 2020, 308, 123319.	4.8	12
101	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.	4.8	51
102	Lignin as a potential source of high-added value compounds: A review. <i>Journal of Cleaner Production</i> , 2020, 263, 121499.	4.6	159
103	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
104	Classification of enzymes and catalytic properties. , 2020, , 11-30.		18
105	Microbiological, physicochemical and sensory studies of coffee beans fermentation conducted in a yeast bioreactor model. <i>Food Biotechnology</i> , 2020, 34, 172-192.	0.6	12
106	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
107	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
108	Exploring the impacts of postharvest processing on the aroma formation of coffee beans – A review. <i>Food Chemistry</i> , 2019, 272, 441-452.	4.2	165

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109	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
110	Lignocellulosic Bioethanol: Current Status and Future Perspectives. , 2019, , 331-354.		20
111	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
112	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
113	Lignocellulosic biomass from agro-industrial residues in South America: current developments and perspectives. <i>Biofuels, Bioproducts and Biorefining</i> , 2019, 13, 1505-1519.	1.9	40
114	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
115	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
116	Biological contamination and its chemical control in microalgal mass cultures. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9345-9358.	1.7	33
117	Lipid production in <i>Rhodospiridium toruloides</i> using C-6 and C-5 wood hydrolysate: A comparative study. <i>Biomass and Bioenergy</i> , 2019, 130, 105355.	2.9	34
118	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
119	Potential carbon fixation of industrially important microalgae. , 2019, , 67-88.		11
120	Microalgal strain selection for biofuel production. , 2019, , 51-66.		13
121	Current analysis and future perspective of reduction in worldwide greenhouse gases emissions by using first and second generation bioethanol in the transportation sector. <i>Bioresource Technology Reports</i> , 2019, 7, 100234.	1.5	40
122	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
123	Biotechnological approaches for cocoa waste management: A review. <i>Waste Management</i> , 2019, 90, 72-83.	3.7	123
124	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
125	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
126	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



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127	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.	0.3	20
128	The potential of plant systems to break the HIV-1 link. <i>Plant Biotechnology Journal</i> , 2019, 17, 1868-1891.	4.1	16
129	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
130	Production and recovery of bioaromas synthesized by microorganisms. , 2019, , 315-338.		3
131	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
132	Simultaneous cellulase production using domestic wastewater and bioprocess effluent treatment – A biorefinery approach. <i>Bioresource Technology</i> , 2019, 276, 42-50.	4.8	23
133	Digestive Enzymes: Industrial Applications in Food Products. <i>Energy, Environment, and Sustainability</i> , 2019, , 267-291.	0.6	3
134	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
135	<i>Arthrospira maxima</i> OF15 biomass cultivation at laboratory and pilot scale from sugarcane vinasse for potential biological new peptides production. <i>Bioresource Technology</i> , 2019, 273, 103-113.	4.8	59
136	Process parameters optimization to produce the recombinant protein CFP10 for the diagnosis of tuberculosis. <i>Protein Expression and Purification</i> , 2019, 154, 118-125.	0.6	4
137	Techno-economic analysis of downstream processes in itaconic acid production from fermentation broth. <i>Journal of Cleaner Production</i> , 2019, 206, 336-348.	4.6	42
138	Harvesting <i>Neochloris oleoabundans</i> using commercial organic flocculants. <i>Journal of Applied Phycology</i> , 2018, 30, 2317-2324.	1.5	10
139	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
140	Gene-silencing suppressors for high-level production of the HIV-1 entry inhibitor griffithsin in <i>Nicotiana benthamiana</i> . <i>Process Biochemistry</i> , 2018, 70, 45-54.	1.8	11
141	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
142	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
143	Biorefinery integration of microalgae production into cassava processing industry: Potential and perspectives. <i>Bioresource Technology</i> , 2018, 247, 1165-1172.	4.8	59
144	Hydrolytic pre-treatment methods for enhanced biobutanol production from agro-industrial wastes. <i>Bioresource Technology</i> , 2018, 249, 673-683.	4.8	33

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145	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
146	Hairy Root-Mediated Biotransformation: Recent Advances and Exciting Prospects. , 2018, , 185-211.		9
147	How to select a probiotic? A review and update of methods and criteria. <i>Biotechnology Advances</i> , 2018, 36, 2060-2076.	6.0	296
148	Efficient coffee beans mucilage layer removal using lactic acid fermentation in a stirred-tank bioreactor: Kinetic, metabolic and sensorial studies. <i>Food Bioscience</i> , 2018, 26, 80-87.	2.0	39
149	Energetic and economic analysis of ethanol, xylitol and lignin production using oil palm empty fruit bunches from a Brazilian factory. <i>Journal of Cleaner Production</i> , 2018, 195, 44-55.	4.6	45
150	Current advances in gibberellic acid (GA3) production, patented technologies and potential applications. <i>Planta</i> , 2018, 248, 1049-1062.	1.6	81
151	Kinetics of the Solid-State Fermentation Process. , 2018, , 57-82.		6
152	Solid-State Fermentation for the Production of Mushrooms. , 2018, , 285-318.		12
153	Solid-State Fermentation for the Production of Organic Acids. , 2018, , 415-434.		24
154	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
155	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
156	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
157	Bioengineering Hairy Roots: Phytoremediation, Secondary Metabolism, Molecular Pharming, Plant-Plant Interactions and Biofuels. <i>Sustainable Agriculture Reviews</i> , 2017, , 213-251.	0.6	17
158	Domestic wastewater as substrate for cellulase production by <i>Trichoderma harzianum</i> . <i>Process Biochemistry</i> , 2017, 57, 190-199.	1.8	35
159	Emerging Technologies for Bioactive Applications in Foods. , 2017, , 205-226.		0
160	Biotransformation of limonene by an endophytic fungus using synthetic and orange residue-based media. <i>Fungal Biology</i> , 2017, 121, 137-144.	1.1	51
161	Great intraspecies diversity of <i>Pichia kudriavzevii</i> in cocoa fermentation highlights the importance of yeast strain selection for flavor modulation of cocoa beans. <i>LWT - Food Science and Technology</i> , 2017, 84, 290-297.	2.5	49
162	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

#	ARTICLE	IF	CITATIONS
163	Recent developments and innovations in solid state fermentation. <i>Biotechnology Research and Innovation</i> , 2017, 1, 52-71.	0.3	311
164	Microbiological, biochemical, and functional aspects of sugary kefir fermentation - A review. <i>Food Microbiology</i> , 2017, 66, 86-95.	2.1	147
165	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
166	Two-phase partitioning detoxification to improve biobutanol production from brewery industry wastes. <i>Chemical Engineering Journal</i> , 2017, 330, 1100-1108.	6.6	17
167	Production and Application of Lactic Acid. , 2017, , 543-556.		23
168	Production and Application of Citric Acid. , 2017, , 557-575.		12
169	Downstream process development in biotechnological itaconic acid manufacturing. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1-12.	1.7	182
170	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.	4.8	145
171	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
172	Production and Application of Polylactides. , 2017, , 633-653.		2
173	Veterinary Rabies Vaccine. , 2017, , 499-521.		1
174	Milk Immunoglobulins and Their Implications for Health Promotion. , 2017, , 87-96.		1
175	Development of Process to Produce Recombinant Component for Acellular Pertussis Vaccine. , 2017, , 459-477.		0
176	Synthetic Peptides as Potential Antigens for Cutaneous Leishmaniosis Diagnosis. <i>Journal of Immunology Research</i> , 2017, 2017, 1-10.	0.9	14
177	Recent Advances in Vaccines Against Leishmania Based on Patent Applications. <i>Recent Patents on Biotechnology</i> , 2017, 12, 21-32.	0.4	18
178	Nattokinases. , 2017, , 509-526.		2
179	Approaches for the Isolation and Purification of Fermentation Products. , 2017, , 783-805.		2
180	Cell Disruption and Isolation of Intracellular Products. , 2017, , 807-822.		3

#	ARTICLE	IF	CITATIONS
181	Laccases. , 2017, , 199-216.		5
182	Yeast Diversity and Physicochemical Characteristics Associated with Coffee Bean Fermentation from the Brazilian Cerrado Mineiro Region. Fermentation, 2017, 3, 11.	1.4	53
183	Production and Characterization of a Distilled Alcoholic Beverage Obtained by Fermentation of Banana Waste ( <i>Musa cavendishii</i> ) from Selected Yeast. Fermentation, 2017, 3, 62.	1.4	6
184	Gibberellic Acid Production by Different Fermentation Systems Using Citric Pulp as Substrate/Support. BioMed Research International, 2017, 2017, 1-8.	0.9	28
185	Development of a Rabies Vaccine in Cell Culture for Veterinary Use in the Lyophilized Form. , 2017, , 523-560.		2
186	Peroxidases. , 2017, , 217-232.		10
187	Antileishmanial Biocompound Screening. , 2017, , 563-594.		0
188	Cachaça and Rum. , 2017, , 451-468.		10
189	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
190	Cloning and Expression of a Heterologous Protein With Immunological Potential Against <i>Corynebacterium diphtheriae</i> . , 2017, , 479-497.		0
191	Potential applications of plant probiotic microorganisms in agriculture and forestry. AIMS Microbiology, 2017, 3, 629-648.	1.0	53
192	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"™. Semina:Ciencias Agrarias, 2017, 38, 581.	0.1	4
193	<i>Bacillus thuringiensis</i> : mechanism of action, resistance, and new applications: a review. Critical Reviews in Biotechnology, 2016, 36, 317-326.	5.1	179
194	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
195	Development of an L-Lysine Enriched Bran for Animal Nutrition via Submerged Fermentation by <i>Corynebacterium glutamicum</i> using Agroindustrial Substrates. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	1
196	Potential of lactic acid bacteria to improve the fermentation and quality of coffee during on-farm processing. International Journal of Food Science and Technology, 2016, 51, 1689-1695.	1.3	66
197	Kefiran-alginate gel microspheres for oral delivery of ciprofloxacin. Colloids and Surfaces B: Biointerfaces, 2016, 145, 706-715.	2.5	38
198	Efficient genetic transformation and regeneration system from hairy root of <i>Origanum vulgare</i> . Physiology and Molecular Biology of Plants, 2016, 22, 271-277.	1.4	26

#	ARTICLE	IF	CITATIONS
199	Evaluation of a potentially probiotic non-dairy beverage developed with honey and kefir grains: Fermentation kinetics and storage study. <i>Food Science and Technology International</i> , 2016, 22, 732-742.	1.1	21
200	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
201	Microbial Enzyme Factories. , 2016, , 1-22.		5
202	Biological activities and thermal behavior of lignin from oil palm empty fruit bunches as potential source of chemicals of added value. <i>Industrial Crops and Products</i> , 2016, 94, 630-637.	2.5	45
203	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
204	Isolation, selection and evaluation of antagonistic yeasts and lactic acid bacteria against ochratoxigenic fungus <i>Aspergillus westerdijkiae</i> on coffee beans. <i>Letters in Applied Microbiology</i> , 2016, 62, 96-101.	1.0	41
205	Bioethanol from Soybean Molasses. <i>Green Energy and Technology</i> , 2016, , 241-254.	0.4	5
206	Bioethanol Wastes: Economic Valorization. <i>Green Energy and Technology</i> , 2016, , 255-289.	0.4	4
207	Microbial Oil for Biodiesel Production. <i>Green Energy and Technology</i> , 2016, , 387-406.	0.4	4
208	Biohydrogen. <i>Green Energy and Technology</i> , 2016, , 407-429.	0.4	2
209	Feedstocks for Biofuels. <i>Green Energy and Technology</i> , 2016, , 15-39.	0.4	10
210	First Generation Bioethanol. <i>Green Energy and Technology</i> , 2016, , 175-212.	0.4	47
211	Butyric Acid. , 2016, , 119-132.		1
212	Anti-inflammatory and angiogenic activity of polysaccharide extract obtained from Tibetan kefir. <i>Microvascular Research</i> , 2016, 108, 29-33.	1.1	36
213	Life-Cycle Assessment of Biofuels. <i>Green Energy and Technology</i> , 2016, , 485-500.	0.4	2
214	Patents on Biofuels. <i>Green Energy and Technology</i> , 2016, , 501-523.	0.4	1
215	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
216	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

#	ARTICLE	IF	CITATIONS
217	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
218	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
219	Current state of research on cocoa and coffee fermentations. <i>Current Opinion in Food Science</i> , 2016, 7, 50-57.	4.1	65
220	Separation of Itaconic Acid from Aqueous Solution onto Ion-Exchange Resins. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 430-437.	1.0	25
221	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
222	Co-culture strategies for increased biohydrogen production. <i>International Journal of Energy Research</i> , 2015, 39, 1479-1504.	2.2	51
223	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
224	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
225	Milk kefir: composition, microbial cultures, biological activities, and related products. <i>Frontiers in Microbiology</i> , 2015, 6, 1177.	1.5	236
226	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.	0.9	58
227	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
228	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
229	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 <i>Enterobacter aerogenes</i> and <i>Clostridium butyricum</i> . <i>International Journal of Hydrogen Energy</i> , 2015, 40, 8669-8676.	3.8	53
230	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
231	Second Generation Ethanol Production from Brewers' Spent Grain. <i>Energies</i> , 2015, 8, 2575-2586.	1.6	69
232	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
233	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
234	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.	1.4	18

#	ARTICLE	IF	CITATIONS
235	Novel spectrophotometric method for detection and estimation of butanol in acetoneâ€“butanolâ€“ethanol fermenter. <i>Talanta</i> , 2015, 141, 116-121.	2.9	17
236	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
237	<i>Bacillus atrophaeus</i> : main characteristics and biotechnological applications â€“ a review. <i>Critical Reviews in Biotechnology</i> , 2015, 35, 533-545.	5.1	40
238	Mixed Cultures Fermentation for the Production of Poly-Ï‰-hydroxybutyrate. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 644-652.	0.5	12
239	Characterization of Hemicellulolytic Enzymes Produced by <i>Aspergillus niger</i> NRRL 328 under Solid State Fermentation on Soybean Husks. <i>BioResources</i> , 2014, 9, .	0.5	4
240	Optimization of <i>Agaricus blazei</i> laccase production by submerged cultivation with sugarcane molasses. <i>African Journal of Microbiology Research</i> , 2014, 8, 939-946.	0.4	18
241	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
242	ENTEROBACTERIACEAE, COLIFORMS AND E. COLI   Introduction. , 2014, , 659-666.		7
243	Biocosmetics. , 2014, , 389-411.		5
244	Optimum conditions for inducing laccase production in <i>Lentinus crinitus</i> . <i>Genetics and Molecular Research</i> , 2014, 13, 8544-8551.	0.3	27
245	Pretreatment Strategies to Enhance Value Addition of Agro-industrial Wastes. , 2014, , 29-49.		1
246	Mitigation of the inhibitory effect of soap by magnesium salt treatment of crude glycerol â€“ A novel approach for enhanced biohydrogen production from the biodiesel industry waste. <i>Bioresource Technology</i> , 2014, 151, 49-53.	4.8	29
247	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
248	Life cycle and spore resistance of spore-forming <i>Bacillus atrophaeus</i> . <i>Microbiological Research</i> , 2014, 169, 931-939.	2.5	83
249	Production of Biofuels from Algal Biomass by Fast Pyrolysis. , 2014, , 143-153.		0
250	Respirometric Balance and Carbon Fixation of Industrially Important Algae. , 2014, , 67-84.		15
251	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
252	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. <i>Food Research International</i> , 2014, 57, 104-113.	2.9	43

#	ARTICLE	IF	CITATIONS
253	Plant Growth Hormones and Other Phytochemicals. , 2014, , 163-183.		0
254	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
255	Application of magnesium sulfate and its nanoparticles for enhanced lipid production by mixotrophic cultivation of algae using biodiesel waste. Energy, 2014, 78, 16-22.	4.5	70
256	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. Brazilian Archives of Biology and Technology, 2014, 57, 755-765.	0.5	14
257	Microbial Pigments. , 2014, , 73-97.		17
258	Biofiltration of volatile organic compounds of Brazilian gasoline. Brazilian Archives of Biology and Technology, 2014, 57, 119-125.	0.5	1
259	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
260	Some Applications of Artificial Intelligence on Biotechnology. Journal of Biotechnology and Biodiversity, 2014, 5, 1-11.	0.1	3
261	Analysis and glycosyl composition of the exopolysaccharide isolated from submerged fermentation of <i>Ganoderma lucidum</i> CG144. Acta Societatis Botanicorum Poloniae, 2014, 83, 239-241.	0.8	4
262	Microbial Statins. , 2014, , 313-333.		1
263	Soybean molasses-based bioindicator system for monitoring sterilization process: Designing and performance evaluation. Biotechnology and Bioprocess Engineering, 2013, 18, 75-87.	1.4	3
264	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
265	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
266	Isolation and characterization of the nematophagous fungus <i>Arthrobotrys conoides</i> . Parasitology Research, 2013, 112, 177-185.	0.6	22
267	Development of a vinasse nutritive solution for hydroponics. Journal of Environmental Management, 2013, 114, 8-12.	3.8	60
268	<i>Agaricus brasiliensis</i> mycelium supplementation in Sarcoma 180 tumour-bearing mice reverses the immune response induced by the tumour. Food and Agricultural Immunology, 2013, 24, 151-164.	0.7	2
269	Concentration by ultrafiltration and stabilization of phytase produced by solid-state fermentation. Process Biochemistry, 2013, 48, 374-379.	1.8	21
270	The Pretreatment Step in Lignocellulosic Biomass Conversion: Current Systems and New Biological Systems. , 2013, , 39-64.		10



#	ARTICLE	IF	CITATIONS
271	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
272	Glycerol-based sterilization bioindicator system from <i>Bacillus atrophaeus</i> : development, performance evaluation, and cost analysis. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1031-1042.	1.7	2
273	<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
274	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
275	Pretreatment strategies for delignification of sugarcane bagasse: a review. <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 679-689.	0.5	115
276	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
277	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
278	Development of an Innovative Nutraceutical Fermented Beverage from Herbal Mate ( <i>Ilex</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (	1.8	31
279	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
280	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
281	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
282	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
283	Ethanol production from soybean molasses by <i>Zymomonas mobilis</i> . <i>Biomass and Bioenergy</i> , 2012, 44, 80-86.	2.9	41
284	Influence of airflow intensity on phytase production by solid-state fermentation. <i>Bioresource Technology</i> , 2012, 118, 603-606.	4.8	23
285	New perspectives of gibberellic acid production: a review. <i>Critical Reviews in Biotechnology</i> , 2012, 32, 263-273.	5.1	86
286	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
287	Relations between phenotypic changes of spores and biofilm production by <i>Bacillus atrophaeus</i> ATCC 9372 growing in solid-state fermentation. <i>Archives of Microbiology</i> , 2012, 194, 815-825.	1.0	2
288	Co-Culture of Microalgae, Cyanobacteria, and Macromycetes for Exopolysaccharides Production: Process Preliminary Optimization and Partial Characterization. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1092-1106.	1.4	49

#	ARTICLE	IF	CITATIONS
289	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
290	Biofiltration of increasing concentration gasoline vapors with different ethanol proportions. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 791-796.	1.6	4
291	Production of Potential Vaccine Against <i>Dermatobia hominis</i> for Cattle. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 412-424.	1.4	2
292	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
293	Microbial hydrogen production by bioconversion of crude glycerol: A review. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 6473-6490.	3.8	139
294	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
295	Development of a low-cost sterilization biological indicator using <i>Bacillus atrophaeus</i> by solid-state fermentation. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 151-158.	1.7	4
296	Inibição do crescimento de bactérias Gram-negativas em microdiluição por tratamento com Nisina e EDTA. <i>Journal of Biotechnology and Biodiversity</i> , 2012, 3, 127-135.	0.1	4
297	Growth Parameters of <i>Agaricus brasiliensis</i> Mycelium on Wheat Grains in Solid-state Fermentation. <i>Biotechnology</i> , 2012, 11, 144-153.	0.5	7
298	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
299	<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
300	Current Market Trends and Future Directions. <i>Microbiology Monographs</i> , 2011, , 299-319.	0.3	5
301	Lignocellulosic Bioethanol. , 2011, , 101-122.		30
302	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
303	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
304	Evaluation of poultry litter traditional composting process. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 1053-1058.	0.5	11
305	Bovine mastitis in the metropolitan area of Curitiba: antibiotic resistance and antimicrobial control of the infection. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 709-716.	0.5	2
306	Production biomoleculu with inhibitory activity against Gram-negative bacteria isolated from faeces of broilers and swine. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 723-731.	0.5	2

#	ARTICLE	IF	CITATIONS
307	Optimization of biomass production with copper bioaccumulation by yeasts in submerged fermentation. Brazilian Archives of Biology and Technology, 2011, 54, 1027-1034.	0.5	10
308	Study of phycocyanin production from <i>Spirulina platensis</i> under different light spectra. Brazilian Archives of Biology and Technology, 2011, 54, 675-682.	0.5	69
309	Isolation and screening of microorganisms with potential for biotransformation of terpenic substrates. Brazilian Archives of Biology and Technology, 2011, 54, 1019-1026.	0.5	10
310	<i>Lichtheimia blakesleeana</i> as a New Potential Producer of Phytase and Xylanase. Molecules, 2011, 16, 4807-4817.	1.7	14
311	Formulated products containing a new phytase from <i>Schizophyllum</i> sp. phytase for application in feed and food processing. Brazilian Archives of Biology and Technology, 2011, 54, 1069-1074.	0.5	7
312	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. Brazilian Archives of Biology and Technology, 2011, 54, 783-794.	0.5	99
313	The behavior of kinetic parameters in production of pectinase and xylanase by solid-state fermentation. Bioresource Technology, 2011, 102, 10657-10662.	4.8	63
314	Phytase produced on citric byproducts: purification and characterization. World Journal of Microbiology and Biotechnology, 2011, 27, 267-274.	1.7	20
315	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
316	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
317	Use of soybean vinasses as a germinant medium for a <i>Geobacillus stearothermophilus</i> ATCC 7953 sterilization biological indicator. Applied Microbiology and Biotechnology, 2011, 90, 713-719.	1.7	5
318	Application of the biorefinery concept to produce L-lactic acid from the soybean vinasse at laboratory and pilot scale. Bioresource Technology, 2011, 102, 1765-1772.	4.8	61
319	Thermal analysis as a screening technique for the characterization of babassu flour and its solid fractions after acid and enzymatic hydrolysis. Thermochimica Acta, 2011, 519, 50-54.	1.2	19
320	Improving Cry8Ka toxin activity towards the cotton boll weevil ( <i>Anthonomus grandis</i> ). BMC Biotechnology, 2011, 11, 85.	1.7	36
321	Screening of microalgae with potential for biodiesel production and nutrient removal from treated domestic sewage. Applied Energy, 2011, 88, 3291-3294.	5.1	221
322	Antidiabetic activities of ethanol extract of dry matters of culture broth of <i>Coriolus versicolor</i> in submerged culture. Brazilian Archives of Biology and Technology, 2011, 54, 701-708.	0.5	6
323	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. Journal of Biotechnology and Biodiversity, 2011, 2, 1-6.	0.1	4
324	Monitoring fermentation parameters during phytase production in column-type bioreactor using a new data acquisition system. Bioprocess and Biosystems Engineering, 2010, 33, 1033-1041.	1.7	9

#	ARTICLE	IF	CITATIONS
325	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
326	Potential carbon dioxide fixation by industrially important microalgae. <i>Bioresource Technology</i> , 2010, 101, 5892-5896.	4.8	420
327	Bioethanol from lignocelluloses: Status and perspectives in Brazil. <i>Bioresource Technology</i> , 2010, 101, 4820-4825.	4.8	326
328	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
329	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
330	Genetic variability of three natural populations of <i>Maytenus aquifolium</i> (Celesteraceae) from Telãmaco Borba, Paranã, Brazil. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 1037-1042.	0.5	3
331	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
332	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
333	INCREASE IN PHYTASE SYNTHESIS DURING CITRIC PULP FERMENTATION. <i>Chemical Engineering Communications</i> , 2010, 198, 286-297.	1.5	9
334	Modelling the steady state and dynamic conditions of a biotrickling filter treating styrene and acetone in air. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 1225-1234.	0.5	9
335	Utilization of the biorreactor of imersion by bubbles at the micropropagation of <i>Ananas comosus</i> L. Merril. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 37-43.	0.5	10
336	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
337	Xylanase production by <i>Streptomyces viridosporus</i> T7A in submerged and solid-state fermentation using agro-industrial residues. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 171-180.	0.5	18
338	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
339	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
340	Modelling antagonic effect of lactic acid eacteria supernatants on some pathogenic bacteria. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 29-36.	0.5	17
341	Lab-Scale production of <i>Bacillus atrophaeus</i> ' spores by solid state fermentation in differnt types of bioreactors. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 159-170.	0.5	17
342	Evaluation of <i>Bacillus sphaericus</i> bioinsecticide produced with white soybean meal as culture medium for the control of <i>Culex</i> ( <i>Culex</i> ) <i>quinquefasciatus</i> . <i>Cadernos De Saude Publica</i> , 2009, 25, 563-569.	0.4	4

#	ARTICLE	IF	CITATIONS
343	A simplified model for <i>A. Niger</i> FS3 growth during phytase formation in solid State fermentation. Brazilian Archives of Biology and Technology, 2009, 52, 151-158.	0.5	6
344	Improvement on Citric Acid Production in Solid-state Fermentation by <i>Aspergillus niger</i> LPB BC Mutant Using Citric Pulp. Applied Biochemistry and Biotechnology, 2009, 158, 72-87.	1.4	34
345	Phytodegradation Potential of <i>Erythrina crista-galli</i> L., Fabaceae, in Petroleum-Contaminated Soil. Applied Biochemistry and Biotechnology, 2009, 157, 10-22.	1.4	32
346	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
347	Bioindicator production with <i>Bacillus atrophaeus</i> ™ thermal-resistant spores cultivated by solid-state fermentation. Applied Microbiology and Biotechnology, 2009, 82, 1019-1026.	1.7	10
348	Recent advances in solid-state fermentation. Biochemical Engineering Journal, 2009, 44, 13-18.	1.8	638
349	Improving fruity aroma production by fungi in SSF using citric pulp. Food Research International, 2009, 42, 484-486.	2.9	52
350	Utilization of soybean vinasse for Î±-galactosidase production. Food Research International, 2009, 42, 476-483.	2.9	21
351	Biotechnological process for producing black bean slurry without stachyose. Food Research International, 2009, 42, 425-429.	2.9	12
352	Polyhydroxybutyrate production using agro-industrial residue as substrate by <i>Bacillus sphaericus</i> NCIM 5149. Brazilian Archives of Biology and Technology, 2009, 52, 17-23.	0.5	80
353	Effect of light on growth, pigment production and culture morphology of <i>Monascus purpureus</i> in solid-state fermentation. World Journal of Microbiology and Biotechnology, 2008, 24, 2671-2675.	1.7	61
354	Production and Characterization of the Exopolysaccharides Produced by <i>Agaricus brasiliensis</i> in Submerged Fermentation. Applied Biochemistry and Biotechnology, 2008, 151, 283-294.	1.4	35
355	Batch Fermentation Model of Propionic Acid Production by <i>Propionibacterium acidipropionici</i> in Different Carbon Sources. Applied Biochemistry and Biotechnology, 2008, 151, 333-341.	1.4	99
356	Selection and Optimization of <i>Bacillus atrophaeus</i> Inoculum Medium and its Effect on Spore Yield and Thermal Resistance. Applied Biochemistry and Biotechnology, 2008, 151, 380-392.	1.4	12
357	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
358	Trends in non-dairy probiotic beverages. Food Research International, 2008, 41, 111-123.	2.9	415
359	Production of Enzymes by Solid-state Fermentation. , 2008, , 183-204.		14
360	General Considerations about Solid-state Fermentation Processes. , 2008, , 13-25.		6

#	ARTICLE	IF	CITATIONS
361	Factors Affecting Solid-state Fermentation. , 2008, , 26-47.		10
362	Instrumentation and Control in SSF. , 2008, , 145-167.		2
363	Informatics in Solid-state Fermentation. , 2008, , 168-179.		2
364	Production of Organic Acids by Solid-state Fermentation. , 2008, , 205-229.		14
365	Mushroom Production. , 2008, , 253-274.		7
366	Gibberellic Acid Production. , 2008, , 277-301.		3
367	Production of Pigments. , 2008, , 337-355.		5
368	Production of Aroma Compounds. , 2008, , 356-376.		5
369	Application of Tropical Agro-industrial Residues as Substrate for Solid-state Fermentation Processes. , 2008, , 412-442.		15
370	Kinetics of Solid-state Fermentation. , 2008, , 48-73.		0
371	Thermal characterization of partially hydrolyzed cassava ( <i>Manihot esculenta</i> ) starch granules. Brazilian Archives of Biology and Technology, 2008, 51, 1209-1215.	0.5	21
372	Styrene biofiltration in a trickle-bed reactor. Brazilian Archives of Biology and Technology, 2008, 51, 385-390.	0.5	8
373	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. International Journal of Medicinal Mushrooms, 2008, 10, 37-48.	0.9	10
374	Relation between Respirometric Data and Amylolytic Enzyme Production by SSF in Column-Type Bioreactor. International Journal of Chemical Reactor Engineering, 2007, 5, .	0.6	1
375	Bacteriocins from lactic acid bacteria: purification, properties and use as biopreservatives. Brazilian Archives of Biology and Technology, 2007, 50, 512-542.	0.5	217
376	Effect of nutritional and environmental conditions on the production of exo-polysaccharide of <i>Agaricus brasiliensis</i> by submerged fermentation and its antitumor activity. LWT - Food Science and Technology, 2007, 40, 30-35.	2.5	53
377	Start-up and performance characteristics of a trickle bed reactor degrading toluene. Brazilian Archives of Biology and Technology, 2007, 50, 871-877.	0.5	5
378	Effect of stress on growth, pigment production and morphology of <i>Monascus</i> sp. in solid cultures. Journal of Basic Microbiology, 2007, 47, 118-126.	1.8	75

#	ARTICLE	IF	CITATIONS
379	Oil cakes and their biotechnological applications – A review. <i>Bioresource Technology</i> , 2007, 98, 2000-2009.	4.8	401
380	Solid-state fermentation for the production of <i>Monascus</i> pigments from jackfruit seed. <i>Bioresource Technology</i> , 2007, 98, 1554-1560.	4.8	176
381	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
382	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
383	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
384	Simple models for the continuous aerobic biodegradation of phenol in a packed bed reactor. <i>Brazilian Archives of Biology and Technology</i> , 2006, 49, 669-676.	0.5	11
385	Rice bran as a substrate for proteolytic enzyme production. <i>Brazilian Archives of Biology and Technology</i> , 2006, 49, 843-851.	0.5	34
386	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
387	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
388	Relation between growth, respirometric analysis and biopigments production from <i>Monascus</i> by solid-state fermentation. <i>Biochemical Engineering Journal</i> , 2006, 29, 262-269.	1.8	52
389	Glucoamylase. , 2006, , 221-237.		4
390	Impact of biocatalyst and moisture content on toluene/xylene mixture biofiltration. <i>Brazilian Archives of Biology and Technology</i> , 2006, 49, 347-352.	0.5	3
391	Applications of Industrial Enzymes. , 2006, , 533-548.		0
392	Phytase. , 2006, , 359-380.		0
393	Continuous aerobic phenol degradation by defined mixed immobilized culture in packed bed reactors. <i>Folia Microbiologica</i> , 2005, 50, 301-308.	1.1	8
394	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
395	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
396	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

#	ARTICLE	IF	CITATIONS
397	Biopigments from <i>Monascus</i> : strains selection, citrinin production and color stability. Brazilian Archives of Biology and Technology, 2005, 48, 885-894.	0.5	86
398	Alternative invitro propagation: use of sugarcane bagasse as a low cost support material during rooting stage of strawberry cv. Dover. Brazilian Archives of Biology and Technology, 2005, 48, 37-42.	0.5	17
399	<i>Azospirillum</i> sp . inoculation in wheat, barley and oats seeds greenhouse experiments. Brazilian Archives of Biology and Technology, 2004, 47, 843-850.	0.5	47
400	Alpha amylase from a fungal culture grown on oil cakes and its properties. Brazilian Archives of Biology and Technology, 2004, 47, 309-317.	0.5	74
401	Kinetics of <i>Gibberella fujikuroi</i> Growth and Gibberellic Acid Production by Solid-State Fermentation in a Packed-Bed Column Bioreactor. Biotechnology Progress, 2004, 20, 1449-1453.	1.3	29
402	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
403	Development of a Bionematicide With <i>Paecilomyces lilacinus</i> to Control <i>Meloidogyne incognita</i> . Applied Biochemistry and Biotechnology, 2004, 118, 081-088.	1.4	32
404	Thermostable Phytase Production by <i>Thermoascus aurantiacus</i> in Submerged Fermentation. Applied Biochemistry and Biotechnology, 2004, 118, 205-214.	1.4	71
405	Comparison of Citric Acid Production by Solid-State Fermentation in Flask, Column, Tray, and Drum Bioreactors. Applied Biochemistry and Biotechnology, 2004, 118, 293-304.	1.4	30
406	Xanthan Gum Production From Cassava Bagasse Hydrolysate With <i>Xanthomonas campestris</i> Using Alternative Sources of Nitrogen. Applied Biochemistry and Biotechnology, 2004, 118, 305-312.	1.4	23
407	Relation between Citric Acid Production and Respiration Rate of <i>Aspergillus niger</i> in Solid-State Fermentation. Engineering in Life Sciences, 2004, 4, 179-186.	2.0	23
408	Conidia production of <i>Beauveria</i> sp. by solid-state fermentation for biocontrol of <i>flex paraguariensis</i> caterpillars. Folia Microbiologica, 2004, 49, 418-422.	1.1	19
409	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
410	Overview of applied solid-state fermentation in Brazil. Biochemical Engineering Journal, 2003, 13, 205-218.	1.8	186
411	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
412	Coffee residues as substrates for aroma production by <i>Ceratocystis fimbriata</i> in solid state fermentation. Brazilian Journal of Microbiology, 2003, 34, 245.	0.8	17
413	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
414	Production of Polysaccharide by Culinary-Medicinal Mushroom <i>Agaricus brasiliensis</i> S. Wasser et al. LPB 03 (Agaricomycetideae) in Submerged Fermentation and Its Antitumor Effect. International Journal of Medicinal Mushrooms, 2003, 5, 17-24.	0.9	8



#	ARTICLE	IF	CITATIONS
415	Production of a Biocompost by Solid State Fermentation Against the Coffee Nematodes. , 2003, , 403-412.		0
416	Isolation and Identification of Lactic Acid Bacteria from Mature Coffee Cherries: Potential Application in Coffee Husk Ensiling. , 2003, , 321-333.		0
417	New Potentialities of Uses of Coffee Industry Residues in Brazil. , 2003, , 73-88.		0
418	Bioremediation: an important alternative for soil and industrial wastes clean-up. Indian Journal of Experimental Biology, 2003, 41, 1030-45.	0.5	6
419	Microbial production of extra-cellular phytase using polystyrene as inert solid support. Bioresource Technology, 2002, 83, 229-233.	4.8	74
420	Extra-cellular l-glutaminase production by Zygosaccharomyces rouxii under solid-state fermentation. Process Biochemistry, 2002, 38, 307-312.	1.8	125
421	Relationship Between Coffee Husk Caffeine Degradation and Respiration of Aspergillus sp. LPBx in Solid-State Fermentation. Applied Biochemistry and Biotechnology, 2002, 102-103, 169-178.	1.4	13
422	Gibberellic Acid Production by Solid-State Fermentation in Coffee Husk. Applied Biochemistry and Biotechnology, 2002, 102-103, 179-192.	1.4	49
423	Solid-State Fermentation for Production of Phytase by Rhizopus oligosporus. Applied Biochemistry and Biotechnology, 2002, 102-103, 251-260.	1.4	75
424	Acid and enzymatic hydrolysis to recover reducing sugars from cassava bagasse: an economic study. Brazilian Archives of Biology and Technology, 2002, 45, 393-400.	0.5	66
425	Production of Flammulina velutipes on coffee husk and coffee spent-ground. Brazilian Archives of Biology and Technology, 2001, 44, 205-212.	0.5	92
426	Production, purification and properties of microbial phytases. Bioresource Technology, 2001, 77, 203-214.	4.8	256
427	Title is missing!. World Journal of Microbiology and Biotechnology, 2001, 17, 767-771.	1.7	68
428	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
429	Use of various coffee industry residues for the cultivation of Pleurotus ostreatus in solid state fermentation. Acta Biotechnologica, 2000, 20, 41-52.	1.0	86
430	Solid state cultivation "an efficient method to use toxic agro-industrial residues. Journal of Basic Microbiology, 2000, 40, 187-197.	1.8	56
431	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
432	New developments in solid state fermentation: l-bioprocesses and products. Process Biochemistry, 2000, 35, 1153-1169.	1.8	865

#	ARTICLE	IF	CITATIONS
433	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
434	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
435	Biotechnological potential of coffee pulp and coffee husk for bioprocesses. <i>Biochemical Engineering Journal</i> , 2000, 6, 153-162.	1.8	361
436	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
437	Solid-state fermentation for the synthesis of citric acid by <i>Aspergillus niger</i> . <i>Bioresource Technology</i> , 2000, 74, 175-178.	4.8	151
438	Biotechnological potential of agro-industrial residues. I: sugarcane bagasse. <i>Bioresource Technology</i> , 2000, 74, 69-80.	4.8	961
439	Biotechnological potential of agro-industrial residues. II: cassava bagasse. <i>Bioresource Technology</i> , 2000, 74, 81-87.	4.8	343
440	<i>Lactobacillus plantarum</i> Amylase Acting on Crude Starch Granules. <i>Applied Biochemistry and Biotechnology</i> , 2000, 84-86, 721-730.	1.4	10
441	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
442	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
443	Coffee Husk as Substrate for the Production of Gibberellic Acid by Fermentation. , 2000, , 401-408.		8
444	Hydrolysis of Coffee Husk: Process Optimization to Recover Its Fermentable Sugar. , 2000, , 409-417.		4
445	Development of Bioprocesses for the Conservation, Detoxification and Value-Addition of Coffee Pulp and Coffee Husk. , 2000, , 377-392.		5
446	Microbial Degradation of Caffeine and Tannins from Coffee Husk. , 2000, , 393-400.		3
447	A Novel Approach for the Production of Natural Aroma Compounds Using Coffee Husk. , 2000, , 419-425.		4
448	Advances in microbial amylases. <i>Biotechnology and Applied Biochemistry</i> , 2000, 31, 135.	1.4	793
449	Microbial production of citric acid. <i>Brazilian Archives of Biology and Technology</i> , 1999, 42, 263-276.	0.5	98
450	Experimental design to enhance the production of l-(+)-lactic acid from steam-exploded wood hydrolysate using <i>Rhizopus oryzae</i> in a mixed-acid fermentation. <i>Process Biochemistry</i> , 1999, 34, 949-955.	1.8	52

#	ARTICLE	IF	CITATIONS
451	Production of fumaric acid by fermentation of enzymatic hydrolysates derived from cassava bagasse. <i>Bioresource Technology</i> , 1999, 68, 23-28.	4.8	98
452	Recent Developments in Microbial Inulinases: Its Production, Properties, and Industrial Applications. <i>Applied Biochemistry and Biotechnology</i> , 1999, 81, 35-52.	1.4	199
453	Inulinase Synthesis from a Mesophilic Culture in Submerged Cultivation. <i>Applied Biochemistry and Biotechnology</i> , 1999, 82, 103-114.	1.4	4
454	Growth kinetics of <i>Rhizopus formosa</i> MUCL 28422 on raw cassava flour in solid state fermentation. <i>Journal of Chemical Technology and Biotechnology</i> , 1999, 74, 580-586.	1.6	6
455	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> . <i>Journal of Basic Microbiology</i> , 1999, 39, 243-251.	1.8	19
456	The realm of microbial lipases in biotechnology. <i>Biotechnology and Applied Biochemistry</i> , 1999, 29, 119-31.	1.4	381
457	Title is missing!. <i>Biotechnology Letters</i> , 1998, 20, 359-362.	1.1	59
458	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
459	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
460	A factorial approach for a sugarcane juice-based low cost culture medium: increasing the astaxanthin production by the red yeast. <i>Bioprocess and Biosystems Engineering</i> , 1998, 19, 161.	0.5	11
461	FRUITY AROMA PRODUCTION BY <i>Ceratocystis fimbriata</i> IN SOLID CULTURES FROM AGRO-INDUSTRIAL WASTES. <i>Revista De Microbiologia</i> , 1998, 29, 208-212.	0.1	45
462	Citric acid production on three cellulosic supports in solid state fermentation. , 1997, , 449-462.		6
463	Protein enrichment of apple pomace by solid state fermentation. , 1997, , 257-271.		1
464	Cultivation of <i>Lentinula edodes</i> on mixture of cassava bagasse and sugarcane bagasse. , 1997, , 501-513.		3
465	Prospect for production of <i>Pleurotus sajor caju</i> from cassava fibrous waste. , 1997, , 515-527.		3
466	Production of l-lactic acid by <i>Rhizopus</i> species. <i>World Journal of Microbiology and Biotechnology</i> , 1994, 10, 433-435.	1.7	55
467	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
468	Breeding and growth of <i>Rhizopus</i> in raw cassava by solid state fermentation. <i>Applied Microbiology and Biotechnology</i> , 1994, 41, 330-336.	1.7	45

#	ARTICLE	IF	CITATIONS
469	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
470	Flavor Compounds Produced by Fungi, Yeasts, and Bacteria. , 0, , 179-191.		9
471	Flavor Production by Solid and Liquid Fermentation. , 0, , 193-203.		1
472	Real-time PCR for traceability and quantification of genetically modified seeds in lots of non-transgenic soybean. <i>Bioscience Journal</i> , 0, , 34-41.	0.4	3