

Marcio A. Mazutti

List of Publications by Year in descending order

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196
papers

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citations

168829

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232693

48
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199
all docs

199
docs citations

199
times ranked

4784
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Microbial Lipases Production. Food and Bioprocess Technology, 2010, 3, 182-196.	2.6	381
2	Production and characterization of xantham gum by Xanthomonas campestris using cheese whey as sole carbon source. Journal of Food Engineering, 2009, 90, 119-123.	2.7	100
3	Application of Zn ₂ SnO ₄ photocatalyst prepared by microwave-assisted hydrothermal route in the degradation of organic pollutant under sunlight. Ceramics International, 2013, 39, 4569-4574.	2.3	64
4	Pretreatment of sugarcane bagasse using supercritical carbon dioxide combined with ultrasound to improve the enzymatic hydrolysis. Enzyme and Microbial Technology, 2013, 52, 247-250.	1.6	63
5	Screening, optimization and kinetics of Jatropha curcas oil transesterification with heterogeneous catalysts. Renewable Energy, 2011, 36, 726-731.	4.3	61
6	Obtaining fermentable sugars and bioproducts from rice husks by subcritical water hydrolysis in a semi-continuous mode. Bioresource Technology, 2019, 272, 510-520.	4.8	61
7	Reasons for processing of rice coproducts: Reality and expectations. Biomass and Bioenergy, 2019, 120, 240-256.	2.9	56
8	Subcritical water hydrolysis of rice straw in a semi-continuous mode. Journal of Cleaner Production, 2019, 209, 386-397.	4.6	54
9	Removal of hazardous pharmaceutical dyes by adsorption onto papaya seeds. Water Science and Technology, 2014, 70, 102-107.	1.2	49
10	Extraction of rice bran oil using supercritical CO ₂ and compressed liquefied petroleum gas. Journal of Food Engineering, 2016, 170, 58-63.	2.7	48
11	Yield, composition, and antioxidant activity of avocado pulp oil extracted by pressurized fluids. Food and Bioproducts Processing, 2017, 102, 289-298.	1.8	48
12	Selection, isolation, and identification of fungi for bioherbicide production. Brazilian Journal of Microbiology, 2017, 48, 101-108.	0.8	47
13	Inulinase Production by Agro-Industrial Residues: Optimization of Pretreatment of Substrates and Production Medium. Food and Bioprocess Technology, 2009, 2, 409-414.	2.6	45
14	Effect of ultrasound-assisted irradiation on the activities of Î±-amylase and amyloglucosidase. Biocatalysis and Agricultural Biotechnology, 2013, 2, 21-25.	1.5	45
15	Effects of Solvent Diols on the Synthesis of ZnFe ₂ O ₄ Particles and Their Use as Heterogeneous Photo-Fenton Catalysts. Materials, 2014, 7, 6281-6290.	1.3	45
16	Production of biodiesel catalyzed by lipase from <i>Thermomyces lanuginosus</i> in its soluble form. Canadian Journal of Chemical Engineering, 2018, 96, 2361-2368.	0.9	45
17	Optimization of inulinase production by solid-state fermentation in a packed-bed bioreactor. Journal of Chemical Technology and Biotechnology, 2010, 85, 109-114.	1.6	44
18	Cellulolytic enzyme production from agricultural residues for biofuel purpose on circular economy approach. Bioprocess and Biosystems Engineering, 2019, 42, 677-685.	1.7	44

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19	Enzymatic synthesis of ascorbyl palmitate in ultrasound-assisted system: Process optimization and kinetic evaluation. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 988-996.	3.8	43
20	Degradation of Leather Dye Using CeO ₂ @SnO ₂ Nanocomposite as Photocatalyst Under Sunlight. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 5773-5779.	1.1	43
21	Continuous production of soybean biodiesel with compressed ethanol in a microtube reactor using carbon dioxide as co-solvent. <i>Fuel Processing Technology</i> , 2011, 92, 952-958.	3.7	42
22	Evaluation of activity of a commercial amylase under ultrasound-assisted irradiation. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 89-94.	3.8	42
23	Use of papaya seeds as a biosorbent of methylene blue from aqueous solution. <i>Water Science and Technology</i> , 2013, 68, 441-447.	1.2	40
24	Thermophysical properties of biodiesel and related systems: (Liquid + liquid) equilibrium data for soybean biodiesel. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 83-94.	1.0	40
25	Ultrasound-assisted enzymatic hydrolysis of sugarcane bagasse for the production of fermentable sugars. <i>Biosystems Engineering</i> , 2014, 124, 24-28.	1.9	40
26	Ethanol precipitation and ultrafiltration of inulinases from <i>Kluyveromyces marxianus</i> . <i>Separation and Purification Technology</i> , 2011, 78, 261-265.	3.9	37
27	An overview of fungal biopolymers: bioemulsifiers and biosurfactants compounds production. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 1059-1080.	5.1	37
28	Production of biofuels from soybean straw and hull hydrolysates obtained by subcritical water hydrolysis. <i>Bioresource Technology</i> , 2021, 328, 124837.	4.8	37
29	Formulation of a bioherbicide with metabolites from <i>Phoma</i> sp.. <i>Scientia Horticulturae</i> , 2018, 241, 285-292.	1.7	36
30	Technical viability of the production, partial purification and characterisation of inulinase using pretreated agroindustrial residues. <i>Bioprocess and Biosystems Engineering</i> , 2009, 32, 425-433.	1.7	35
31	Phase behaviour of the ternary system {poly(ϵ -caprolactone)+carbon dioxide+dichloromethane}. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 229-233.	1.0	35
32	Chemical characterization and phase behaviour of grape seed oil in compressed carbon dioxide and ethanol as co-solvent. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 797-801.	1.0	35
33	Effect of compressed fluids treatment on the activity, stability and enzymatic reaction performance of β -galactosidase. <i>Food Chemistry</i> , 2011, 125, 1235-1240.	4.2	35
34	Production of cell-wall degrading enzymes by solid-state fermentation using agroindustrial residues as substrates. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103193.	3.3	35
35	Subcritical water hydrolysis of soybean residues for obtaining fermentable sugars. <i>Journal of Supercritical Fluids</i> , 2021, 167, 105043.	1.6	35
36	Kinetics of inulinase production by solid-state fermentation in a packed-bed bioreactor. <i>Food Chemistry</i> , 2010, 120, 163-173.	4.2	33

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37	Enzymatic Synthesis of Ascorbyl Palmitate in Organic Solvents: Process Optimization and Kinetic Evaluation. <i>Food and Bioprocess Technology</i> , 2012, 5, 1068-1076.	2.6	33
38	Effect of pressure, depressurization rate and pressure cycling on the inactivation of <i>Escherichia coli</i> by supercritical carbon dioxide. <i>Food Control</i> , 2013, 29, 76-81.	2.8	32
39	<i>Fusarium fujikuroi</i> : A novel source of metabolites with herbicidal activity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 14, 314-320.	1.5	32
40	Adsorption of 2,4-dinitrophenol using rice straw and rice husks hydrolyzed by subcritical water. <i>Bioresource Technology</i> , 2019, 284, 25-35.	4.8	32
41	Inulinase Production by <i>Kluyveromyces marxianus</i> NRRL Y-7571 Using Solid State Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2006, 132, 951-958.	1.4	31
42	Continuous catalyst-free production of fatty acid ethyl esters from soybean oil in microtube reactor using supercritical carbon dioxide as co-solvent. <i>Journal of Supercritical Fluids</i> , 2011, 56, 283-291.	1.6	30
43	Continuous inactivation of alkaline phosphatase and <i>Escherichia coli</i> in milk using compressed carbon dioxide as inactivating agent. <i>Journal of CO2 Utilization</i> , 2016, 13, 24-28.	3.3	30
44	Ultrasound-assisted extraction of lipids from <i>Mortierella isabellina</i> . <i>Journal of Food Engineering</i> , 2019, 242, 1-7.	2.7	30
45	Effect of temperature and composition on density, viscosity and thermal conductivity of fatty acid methyl esters from soybean, castor and <i>Jatropha curcas</i> oils. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 460-466.	1.0	29
46	Drying of olive (<i>Olea europaea</i> L.) leaves on a conveyor belt for supercritical extraction of bioactive compounds: Mathematical modeling of drying/extraction operations and analysis of extracts. <i>Industrial Crops and Products</i> , 2019, 136, 140-151.	2.5	29
47	Mathematical modeling and simulation of inulinase adsorption in expanded bed column. <i>Journal of Chromatography A</i> , 2009, 1216, 4395-4401.	1.8	28
48	Optimization of enzymatic hydrolysis of cassava to obtain fermentable sugars. <i>Journal of Zhejiang University: Science B</i> , 2012, 13, 579-586.	1.3	28
49	Extraction of bioactive compounds from palm (<i>Elaeis guineensis</i>) pressed fiber using different compressed fluids. <i>Journal of Supercritical Fluids</i> , 2016, 112, 51-56.	1.6	28
50	Ultrasound-assisted extraction of bioactive compounds from palm pressed fiber with high antioxidant and photoprotective activities. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 362-366.	3.8	28
51	Extraction of Inulinase Obtained by Solid State Fermentation of Sugarcane Bagasse by <i>Kluyveromyces marxianus</i> NRRL Y-7571. <i>Applied Biochemistry and Biotechnology</i> , 2008, 149, 195-203.	1.4	27
52	Partial characterization of lipases produced by a newly isolated <i>Penicillium</i> sp. in solid state and submerged fermentation: A comparative study. <i>LWT - Food Science and Technology</i> , 2009, 42, 1557-1560.	2.5	27
53	Adsorption of leather dye onto activated carbon prepared from bottle gourd: equilibrium, kinetic and mechanism studies. <i>Water Science and Technology</i> , 2013, 67, 201-209.	1.2	27
54	Degradation of Amaranth azo dye in water by heterogeneous photo-Fenton process using FeWO ₄ catalyst prepared by microwave irradiation. <i>Water Science and Technology</i> , 2016, 73, 88-94.	1.2	27

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55	Use of a sequential strategy of experimental design to optimize the inulinase production in a batch bioreactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 895-900.	1.4	26
56	Evaluation of Acid Activation under the Adsorption Capacity of Double Layered Hydroxides of Mg ²⁺ Al ³⁺ CO ₃ Type for Fluoride Removal from Aqueous Medium. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 6871-6876.	1.8	26
57	Operation of a fixed-bed bioreactor in batch and fed-batch modes for production of inulinase by solid-state fermentation. <i>Biochemical Engineering Journal</i> , 2011, 58-59, 39-49.	1.8	26
58	Adsorption of Textile Dye on Zinc Stannate Oxide: Equilibrium, Kinetic and Thermodynamics Studies. <i>Separation Science and Technology</i> , 2011, 46, 2510-2516.	1.3	26
59	Production of struvite from beverage waste as phosphorus source. <i>Materials Research</i> , 2013, 16, 242-245.	0.6	26
60	Immobilization of commercial inulinase on alginate-chitosan beads. <i>Sustainable Chemical Processes</i> , 2014, 2, .	2.3	26
61	Bioherbicide production by <i>Diaporthe</i> sp. isolated from the Brazilian Pampa biome. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 575-578.	1.5	26
62	Ethanol production by solid-state saccharification and fermentation in a packed-bed bioreactor. <i>Renewable Energy</i> , 2017, 102, 9-14.	4.3	26
63	Thermophysical properties of biodiesel and related systems. Part I. Vapour-liquid equilibrium at low pressures of binary and ternary systems involving methanol, ethanol, glycerol, water and NaCl. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 398-404.	1.0	25
64	Carbon Nanotubes as Supports for Inulinase Immobilization. <i>Molecules</i> , 2014, 19, 14615-14624.	1.7	25
65	Supercritical CO ₂ extraction of black poplar (<i>Populus nigra</i> L.) extract: Experimental data and fitting of kinetic parameters. <i>Journal of Supercritical Fluids</i> , 2016, 117, 270-278.	1.6	25
66	New perspectives for weeds control using autochthonous fungi with selective bioherbicide potential. <i>Heliyon</i> , 2019, 5, e01676.	1.4	25
67	Inulinase production in a batch bioreactor using agroindustrial residues as the substrate: experimental data and modeling. <i>Bioprocess and Biosystems Engineering</i> , 2009, 32, 85-95.	1.7	24
68	Kinetics of lipase-catalyzed synthesis of soybean fatty acid ethyl esters in pressurized propane. <i>Journal of Biotechnology</i> , 2010, 147, 108-115.	1.9	24
69	Thermophysical properties of biodiesel and related systems: (Liquid + liquid) equilibrium data for <i>Jatropha curcas</i> biodiesel. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 467-475.	1.0	24
70	Immobilization of inulinase from <i>Kluyveromyces marxianus</i> NRRL Y-7571 using modified sodium alginate beads. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 383-388.	1.7	23
71	Hydrolysis of sugarcane bagasse using supercritical carbon dioxide to obtain fermentable sugars. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1766-1768.	1.6	23
72	Organic pollutants removal and recovery from animal wastewater by mesoporous struvite precipitation. <i>Desalination and Water Treatment</i> , 2013, 51, 2776-2780.	1.0	23

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73	Extraction and composition of extracts obtained from <i>Lupinus albescens</i> using supercritical carbon dioxide and compressed liquefied petroleum gas. <i>Journal of Supercritical Fluids</i> , 2017, 128, 395-403.	1.6	23
74	Soluble lipase-catalyzed synthesis of methyl esters using a blend of edible and nonedible raw materials. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 1185-1193.	1.7	23
75	Improving the soluble lipase-catalyzed biodiesel production through a two-step hydroesterification reaction system. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 7805-7817.	1.7	23
76	Feeding strategies of methanol and lipase on eversa [®] transform [®] -mediated hydroesterification for FAME production. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1332-1339.	0.9	23
77	Optimization of subcritical water hydrolysis of pecan wastes biomasses in a semi-continuous mode. <i>Bioresource Technology</i> , 2020, 306, 123129.	4.8	23
78	Esterification activities of non-commercial lipases after pre-treatment in pressurized propane. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 839-844.	1.6	22
79	Mathematical modeling of thin-layer drying of fermented and non-fermented sugarcane bagasse. <i>Biomass and Bioenergy</i> , 2010, 34, 780-786.	2.9	22
80	Mathematical modeling and experimental breakthrough curves of cephalosporin C adsorption in a fixed-bed column. <i>Process Biochemistry</i> , 2011, 46, 1270-1277.	1.8	22
81	Ultrasound-assisted acid hydrolysis of palm leaves (<i>Roystonea oleracea</i>) for production of fermentable sugars. <i>Industrial Crops and Products</i> , 2013, 45, 128-132.	2.5	22
82	Ultrasound-assisted enzymatic hydrolysis of cassava waste to obtain fermentable sugars. <i>Biosystems Engineering</i> , 2013, 115, 1-6.	1.9	22
83	ADSORPTION OF A LEATHER DYE ON MESOPOROUS STRUVITE OBTAINED FROM SWINE WASTEWATER. <i>Chemical Engineering Communications</i> , 2013, 200, 1027-1038.	1.5	22
84	Potentiality of the <i>Phoma</i> sp. inactive fungal biomass, a waste from the bioherbicide production, for the treatment of colored effluents. <i>Chemosphere</i> , 2019, 235, 596-605.	4.2	22
85	Development of nanoemulsions containing <i>Physalis peruviana</i> calyx extract: A study on stability and antioxidant capacity. <i>Food Research International</i> , 2019, 125, 108645.	2.9	22
86	Characterization of a commercial cellulase for hydrolysis of agroindustrial substrates. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1229-1237.	1.7	21
87	Comparison Between Systems for Synthesis of Fructooligosaccharides from Sucrose Using Free Inulinase from <i>Kluyveromyces marxianus</i> NRRL Y-7571. <i>Food and Bioprocess Technology</i> , 2012, 5, 331-337.	2.6	21
88	Inulinase bio-production using agroindustrial residues: screening of microorganisms and process parameters optimization. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1056-1062.	1.6	20
89	Application of Papaya Seeds as a Macro-/Mesoporous Biosorbent for the Removal of Large Pollutant Molecule from Aqueous Solution: Equilibrium, Kinetic, and Mechanism Studies. <i>Separation Science and Technology</i> , 2013, 48, 2817-2824.	1.3	20
90	Effect of pressure and temperature on the quality of chia oil extracted using pressurized fluids. <i>Journal of Supercritical Fluids</i> , 2017, 127, 90-96.	1.6	20

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91	EXTRACTION OF RICE BRAN OIL USING SUPERCRITICAL CO ₂ COMBINED WITH ULTRASOUND. Brazilian Journal of Chemical Engineering, 2018, 35, 785-794.	0.7	20
92	Partial Characterization of Inulinases Obtained by Submerged and Solid-State Fermentation Using Agroindustrial Residues as Substrates: A Comparative Study. Applied Biochemistry and Biotechnology, 2010, 160, 682-693.	1.4	19
93	Production of multifunctional lipases by <i>Penicillium verrucosum</i> and <i>Penicillium brevicompactum</i> under solid state fermentation of babassu cake and castor meal. Bioprocess and Biosystems Engineering, 2011, 34, 145-152.	1.7	19
94	Evaluation of lipase production by <i>Geotrichum candidum</i> in shaken flasks and bench-scale stirred bioreactor using different impellers. Biocatalysis and Agricultural Biotechnology, 2012, 1, 147-151.	1.5	19
95	Production of Cellulolytic Enzymes and Application of Crude Enzymatic Extract for Saccharification of Lignocellulosic Biomass. Applied Biochemistry and Biotechnology, 2015, 175, 560-572.	1.4	19
96	Production of bioherbicide by <i>Phoma</i> sp. in a stirred-tank bioreactor. 3 Biotech, 2016, 6, 230.	1.1	19
97	Obtaining fatty acids from <i>Mortierella isabellina</i> using supercritical carbon dioxide and compressed liquefied petroleum gas. Journal of Supercritical Fluids, 2017, 122, 79-87.	1.6	19
98	Solid-state fermentation for production of a bioherbicide from <i>Diaporthe</i> sp. and its formulation to enhance the efficacy. 3 Biotech, 2017, 7, 135.	1.1	19
99	Chitinase production by <i>Trichoderma koningiopsis</i> UFSMQ40 using solid state fermentation. Brazilian Journal of Microbiology, 2020, 51, 1897-1908.	0.8	19
100	Inactivation of <i>Listeria monocytogenes</i> using supercritical carbon dioxide in a high-pressure variable-volume reactor. Food Control, 2013, 31, 514-518.	2.8	18
101	Modeling of ion exchange expanded-bed chromatography for the purification of C-phycoerythrin. Journal of Chromatography A, 2013, 1281, 73-78.	1.8	18
102	Optimization of solid-state fermentation for bioherbicide production by <i>Phoma</i> sp .. Brazilian Journal of Chemical Engineering, 2017, 34, 377-384.	0.7	18
103	Extraction of bioactive compounds from <i>Botryosphaeria dothidea</i> using supercritical carbon dioxide and compressed liquefied petroleum gas. Journal of Supercritical Fluids, 2018, 136, 52-59.	1.6	18
104	Oil yields, protein contents, and cost of manufacturing of oil obtained from different hybrids and sowing dates of canola. Journal of Environmental Chemical Engineering, 2019, 7, 102972.	3.3	18
105	Production of metabolites with antioxidant activity by <i>Botryosphaeria dothidea</i> in submerged fermentation. Bioprocess and Biosystems Engineering, 2020, 43, 13-20.	1.7	17
106	Supercritical CO ₂ extraction, chemical characterisation and antioxidant potential of <i>Brassica oleracea</i> var <i>capitata</i> against HO ₂ . ξ overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd". Food Chemistry, 2013, 141, 3954-3959.	4.2	16
107	Ultrasound Technology Applied to Enhance Enzymatic Hydrolysis of Brewer's Spent Grain and its Potential for Production of Fermentable Sugars. Waste and Biomass Valorization, 2019, 10, 2157-2164.	1.8	16
108	Kinetic and mass transfer effects for adsorption of glucose, fructose, sucrose and fructooligosaccharides into X zeolite. LWT - Food Science and Technology, 2012, 48, 127-133.	2.5	15

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109	Thermophysical properties of biodiesel and related systems: (Liquid+liquid) equilibrium data for castor oil biodiesel. <i>Journal of Chemical Thermodynamics</i> , 2013, 62, 17-26.	1.0	15
110	Enzymatic hydrolysis of non-treated sugarcane bagasse using pressurized liquefied petroleum gas with and without ultrasound assistance. <i>Renewable Energy</i> , 2015, 83, 674-679.	4.3	15
111	Pretreatment of lignocellulosic biomass using ultrasound aiming at obtaining fermentable sugar. <i>Biocatalysis and Biotransformation</i> , 2017, 35, 161-167.	1.1	15
112	Supercritical CO ₂ extraction of compounds from different aerial parts of <i>Senecio brasiliensis</i> : Mathematical modeling and effects of parameters on extract quality. <i>Journal of Supercritical Fluids</i> , 2019, 153, 104589.	1.6	15
113	Solid wastes from the enzyme production as a potential biosorbent to treat colored effluents containing crystal violet dye. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10484-10494.	2.7	15
114	Mathematical modeling of <i>Kluyveromyces marxianus</i> growth in solid-state fermentation using a packed-bed bioreactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2010, 37, 391-400.	1.4	14
115	Phase equilibrium data and thermodynamic modelling of the system (propane + DMF + methanol) at high pressures. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 413-419.	1.0	14
116	High-pressure phase equilibrium data for the L-lactic acid+(propane+ethanol) and the L-lactic acid+(carbon dioxide+ethanol) systems. <i>Journal of Supercritical Fluids</i> , 2013, 79, 27-31.	1.6	14
117	Treatment with compressed liquefied petroleum gas and ultrasound to improve cellulase activity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2013, 2, 102-107.	1.5	14
118	Activated carbon prepared from yerba mate used as a novel adsorbent for removal of tannery dye from aqueous solution. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2401-2406.	1.2	14
119	Ultrasound-assisted acid and enzymatic hydrolysis of yam (<i>Dioscorea</i> sp.) for the production of fermentable sugars. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 98-102.	1.5	14
120	Gibberellic acid production from <i>Gibberella fujikuroi</i> using agro-industrial residues. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 25, 101608.	1.5	14
121	Liquefied petroleum gas as solvent medium for the treatment of immobilized inulinases. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 280-286.	1.6	13
122	Comparison of conventional and alternative technologies for the enzymatic hydrolysis of rice hulls to obtain fermentable sugars. <i>Biocatalysis and Agricultural Biotechnology</i> , 2014, 3, 149-154.	1.5	13
123	Concentration of metabolites from <i>Phoma</i> sp. using microfiltration membrane for increasing bioherbicidal activity. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2364-2372.	1.2	13
124	Phase equilibrium data and thermodynamic modeling of the system propane+NMP+methanol at high pressures. <i>Journal of Supercritical Fluids</i> , 2010, 55, 23-31.	1.6	12
125	Hybrid modeling of xanthan gum bioproduction in batch bioreactor. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 975-986.	1.7	12
126	Effect of magnetic field on the ultrafiltration of bovine serum albumin. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 1087-1093.	1.7	12

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127	Thermophysical properties of biodiesel and related systems: Low-pressure vapor+liquid equilibrium of methyl/ethyl soybean biodiesel. <i>Journal of Chemical Thermodynamics</i> , 2013, 64, 65-70.	1.0	12
128	Evaluation of fructooligosaccharides separation using a fixed-bed column packed with activated charcoal. <i>New Biotechnology</i> , 2014, 31, 237-241.	2.4	12
129	Extracts from <i>Lupinus albescens</i> : antioxidant power and antifungal activity in vitro against phytopathogenic fungi. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1668-1675.	1.2	12
130	Concentration of exopolysaccharides produced by <i>Fusarium fujikuroi</i> and application of bioproduct as an effective bioherbicide. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 2742-2749.	1.2	12
131	Weed control by metabolites produced from <i>Diaporthe schini</i> . <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 139-148.	1.2	12
132	Quality of perilla oil (<i>Perilla frutescens</i>) extracted with compressed CO ₂ and LPG. <i>Journal of Supercritical Fluids</i> , 2017, 130, 176-182.	1.6	12
133	Enzymatic synthesis of galactooligosaccharides using pressurised fluids as reaction medium. <i>Food Chemistry</i> , 2012, 133, 1408-1413.	4.2	11
134	Influence of Osmotic Pre-treatment on Convective Drying Kinetics of Figs. <i>International Journal of Food Engineering</i> , 2013, 9, 187-196.	0.7	11
135	Conversion of cassava starch to ethanol and a byproduct under different hydrolysis conditions. <i>Starch/Staerke</i> , 2015, 67, 620-628.	1.1	11
136	Evaluation of antioxidant activity of extracts of banana inflorescences (<i>Musa cavendishii</i>). <i>CYTA - Journal of Food</i> , 0, , 1-8.	0.9	11
137	Thermophysical properties of biodiesel and related systems: Low-pressure vapour+liquid equilibrium of methyl/ethyl <i>Jatropha curcas</i> biodiesel. <i>Journal of Chemical Thermodynamics</i> , 2013, 60, 46-51.	1.0	10
138	Modeling the microbial growth and temperature profile in a fixed-bed bioreactor. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1945-1954.	1.7	10
139	Production of Chitinase from <i>Metarhizium anisopliae</i> by Solid-State Fermentation Using Sugarcane Bagasse as Substrate. <i>Industrial Biotechnology</i> , 2018, 14, 230-234.	0.5	10
140	Conveyor-belt drying of <i>Eugenia uniflora</i> L. leaves: Influence of drying conditions on the yield, composition, antioxidant activity and total phenolic content of supercritical CO ₂ extracts. <i>Food and Bioproducts Processing</i> , 2019, 116, 140-149.	1.8	10
141	Production of cutinase by solid-state fermentation and its use as adjuvant in bioherbicide formulation. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 829-838.	1.7	10
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