

Marcio A. Mazutti

List of Publications by Year in descending order

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196
papers

4,371
citations

147801
31
h-index

206112
48
g-index

199
all docs

199
docs citations

199
times ranked

4410
citing authors

#	ARTICLE	IF	CITATIONS
1	Weed control by metabolites produced from <i>Diaporthe schini</i> . Environmental Technology (United Kingdom), 2022, 43, 139-148.	2.2	12
2	The Genus <i>Phoma</i> : A Review of Its Potential Bioactivities, Implications, and Prospects. , 2022, , 221-242.		0
3	New Technologies for the Formulation of Secondary Metabolites Produced by <i>Phoma</i> sp. for Biological Control of Weeds. , 2022, , 259-274.		0
4	Strategy to increase the lipid stability of the microbial oil produced by <i>Umbelopsis isabellina</i> for food purposes: Use of microencapsulation by external ionic gelation. Food Research International, 2022, 152, 110907.	6.2	1
5	Spray-Dried Powder Containing Chitinase and β -1,3-Glucanase with Insecticidal Activity against <i>Ceratitis capitata</i> (Diptera: Tephritidae). Processes, 2022, 10, 587.	2.8	3
6	Evaluation of ultrasound waves for the production of chitinase and β -1,3 glucanase by <i>Trichoderma harzianum</i> through SSF. 3 Biotech, 2022, 12, 122.	2.2	3
7	Estimation of Bioethanol, Biohydrogen, and Chemicals Production from Biomass Wastes in Brazil. Clean - Soil, Air, Water, 2022, 50, .	1.1	3
8	Ultrasound-assisted fermentation for production of β -1,3-glucanase and chitinase by <i>Beauveria bassiana</i> . Journal of Chemical Technology and Biotechnology, 2021, 96, 88-98.	3.2	9
9	Subcritical water hydrolysis of soybean residues for obtaining fermentable sugars. Journal of Supercritical Fluids, 2021, 167, 105043.	3.2	35
10	Ultrasound as an alternative method to increase the extraction yield from chicken mechanically separated meat residue collagen. Journal of Food Science and Technology, 2021, 58, 2487-2496.	2.8	5
11	Different techniques for concentration of extracellular biopolymers with herbicidal activity produced by <i>Phoma</i> sp. Environmental Technology (United Kingdom), 2021, 42, 1392-1401.	2.2	8
12	Production of biofuels from soybean straw and hull hydrolysates obtained by subcritical water hydrolysis. Bioresource Technology, 2021, 328, 124837.	9.6	37
13	<i>Phoma dimorpha</i> phytotoxic activity potentialization for bioherbicide production. Biocatalysis and Agricultural Biotechnology, 2021, 33, 101986.	3.1	6
14	Extraction of bioactive compounds from <i>Senecio brasiliensis</i> using emergent technologies. 3 Biotech, 2021, 11, 284.	2.2	3
15	Production of bioemulsifying compounds from <i>Phoma dimorpha</i> using agroindustrial residues as additional carbon sources. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102079.	3.1	3
16	Extraction and characterization of polysaccharide-enriched fractions from <i>Phoma dimorpha</i> mycelial biomass. Bioprocess and Biosystems Engineering, 2021, 44, 769-783.	3.4	9
17	Concentration of exopolysaccharides produced by <i>Fusarium fujikuroi</i> and application of bioproduct as an effective bioherbicide. Environmental Technology (United Kingdom), 2020, 41, 2742-2749.	2.2	12
18	Production of metabolites with antioxidant activity by <i>Botryosphaeria dothidea</i> in submerged fermentation. Bioprocess and Biosystems Engineering, 2020, 43, 13-20.	3.4	17

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19	Process development to obtain a cocktail containing cell-wall degrading enzymes with insecticidal activity from <i>Beauveria bassiana</i> . <i>Biochemical Engineering Journal</i> , 2020, 156, 107484.	3.6	5
20	Chitinase production by <i>Trichoderma koningiopsis</i> UFSMQ40 using solid state fermentation. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 1897-1908.	2.0	19
21	An overview of fungal biopolymers: bioemulsifiers and biosurfactants compounds production. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 1059-1080.	9.0	37
22	Effects of ultrasound on submerged fermentation for producing antioxidant metabolites from <i>Botryosphaeria dothidea</i> . <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 475-484.	1.3	4
23	Enzymatic hydrolysis behavior on malt bagasse for fermentative sugar disposal in thermostatic and ultrasonic bath. <i>Environmental Quality Management</i> , 2020, 29, 87-94.	1.9	2
24	Separation of microbial oil produced by <i>Mortierella isabellina</i> using polymeric membranes. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1943-1949.	3.4	1
25	Gibberellic acid production from <i>Gibberella fujikuroi</i> using agro-industrial residues. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 25, 101608.	3.1	14
26	Use of compressed fluids in the recovery of pecan nut cake oil: Influence of extraction conditions on yield and extract quality. <i>Journal of Supercritical Fluids</i> , 2020, 161, 104820.	3.2	7
27	Optimization of subcritical water hydrolysis of pecan wastes biomasses in a semi-continuous mode. <i>Bioresource Technology</i> , 2020, 306, 123129.	9.6	23
28	Development of a Solid Bioherbicide Formulation by Spray Drying Technology. <i>Agriculture (Switzerland)</i> , 2020, 10, 215.	3.1	4
29	Techno-economic evaluation and mathematical modeling of supercritical CO ₂ extraction from <i>Eugenia uniflora</i> L. leaves. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2020, 18, 100261.	1.5	9
30	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.	5.3	15
31	Efeito de metabólitos secundários produzidos por <i>Phoma dimorpha</i> sobre a germinação e crescimento de sementes de diferentes espécies vegetais. <i>Acta Iguazu</i> , 2020, 9, 109-121.	0.2	1
32	Powder containing biomolecules from <i>Diaporthe schini</i> for weed control. <i>Environmental Technology (United Kingdom)</i> , 2020, , 1-10.	2.2	4
33	Chemistry of Ionic Liquid, Switchable Solvents, Supercritical Carbon Dioxide and Sub/Supercritical Water. <i>Nanotechnology in the Life Sciences</i> , 2020, , 165-198.	0.6	3
34	Ultrasound-assisted extraction of lipids from <i>Mortierella isabellina</i> . <i>Journal of Food Engineering</i> , 2019, 242, 1-7.	5.2	30
35	Improving the soluble lipase-catalyzed biodiesel production through a two-step hydroesterification reaction system. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 7805-7817.	3.6	23
36	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.	8.2	22

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37	Simultaneous extraction of oil and bioactive compounds from pecan nut using pressurized solvents. <i>Journal of Supercritical Fluids</i> , 2019, 153, 104598.	3.2	8
38	Statistical process control for industrial baking process of smoked CALABRESE type sausage. <i>Journal of Food Process Engineering</i> , 2019, 42, e13295.	2.9	1
39	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.	6.2	22
40	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.	3.2	15
41	Cellulolytic enzyme production from agricultural residues for biofuel purpose on circular economy approach. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 677-685.	3.4	44
42	Enhancement of fatty acids in the oil extracted from the fungus <i>Nigrospora</i> sp. by supercritical CO ₂ with ethanol as a cosolvent. <i>Journal of Supercritical Fluids</i> , 2019, 146, 180-188.	3.2	9
43	New perspectives for weeds control using autochthonous fungi with selective bioherbicide potential. <i>Heliyon</i> , 2019, 5, e01676.	3.2	25
44	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 Bioprocess Processing</i> , 2019, 116, 140-149.	3.6	10
45	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.	6.7	35
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.	5.2	29
47	Oil yields, protein contents, and cost of manufacturing of oil obtained from different hybrids and sowing dates of canola. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102972.	6.7	18
48	Adsorption of 2,4-dinitrophenol using rice straw and rice husks hydrolyzed by subcritical water. <i>Bioresource Technology</i> , 2019, 284, 25-35.	9.6	32
49	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.	3.4	10
50	Application of <i>Beauveria bassiana</i> spore waste as adsorbent to uptake acid red 97 dye from aqueous medium. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36967-36977.	5.3	7
51	Subcritical water hydrolysis of rice straw in a semi-continuous mode. <i>Journal of Cleaner Production</i> , 2019, 209, 386-397.	9.3	54
52	Feeding strategies of methanol and lipase on <i>versa</i> ® transform-mediated hydroesterification for FAME production. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1332-1339.	1.7	23
53	Obtaining fermentable sugars and bioproducts from rice husks by subcritical water hydrolysis in a semi-continuous mode. <i>Bioresource Technology</i> , 2019, 272, 510-520.	9.6	61
54	Reasons for processing of rice coproducts: Reality and expectations. <i>Biomass and Bioenergy</i> , 2019, 120, 240-256.	5.7	56

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55	Extracts from <i>Lupinus albus</i> : antioxidant power and antifungal activity in vitro against phytopathogenic fungi. <i>Environmental Technology</i> (United Kingdom), 2019, 40, 1668-1675.	2.2	12
56	Concentration of metabolites from <i>Phoma</i> sp. using microfiltration membrane for increasing bioherbicidal activity. <i>Environmental Technology</i> (United Kingdom), 2019, 40, 2364-2372.	2.2	13
57	Ultrasound Technology Applied to Enhance Enzymatic Hydrolysis of Brewer's Spent Grain and its Potential for Production of Fermentable Sugars. <i>Waste and Biomass Valorization</i> , 2019, 10, 2157-2164.	3.4	16
58	FORMULATION AND CHARACTERIZATION OF ULTRASOUND-ASSISTED NANOEMULSIONS CONTAINING PALM OIL (<i>Elaeis guineensis</i> Jacq) IN WATER. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 941-947.	1.3	6
59	VALORIZATION OF <i>Solanum viarum</i> DUNAL BY EXTRACTING BIOACTIVE COMPOUNDS FROM ROOTS AND FRUITS USING ULTRASOUND AND SUPERCRITICAL CO ₂ . <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 1689-1702.	1.3	3
60	Production of biodiesel catalyzed by lipase from <i>Thermomyces lanuginosus</i> in its soluble form. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 2361-2368.	1.7	45
61	Extraction of bioactive compounds from <i>Botryosphaeria dothidea</i> using supercritical carbon dioxide and compressed liquefied petroleum gas. <i>Journal of Supercritical Fluids</i> , 2018, 136, 52-59.	3.2	18
62	<i>Fusarium fujikuroi</i> : A novel source of metabolites with herbicidal activity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 14, 314-320.	3.1	32
63	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.	3.4	23
64	Comparison of Different Compressed Fluids for Residual Oil Extraction from Palm Kernel Cake. <i>Waste and Biomass Valorization</i> , 2018, 9, 265-271.	3.4	2
65	EXTRACTION OF RICE BRAN OIL USING SUPERCRITICAL CO ₂ COMBINED WITH ULTRASOUND. <i>Brazilian Journal of Chemical Engineering</i> , 2018, 35, 785-794.	1.3	20
66	Importance of <i>Lupinus albus</i> in agricultural and food-related areas: A review. <i>3 Biotech</i> , 2018, 8, 448.	2.2	4
67	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.	0.8	10
68	Formulation of a bioherbicide with metabolites from <i>Phoma</i> sp.. <i>Scientia Horticulturae</i> , 2018, 241, 285-292.	3.6	36
69	Yield, composition, and antioxidant activity of avocado pulp oil extracted by pressurized fluids. <i>Food and Bioproducts Processing</i> , 2017, 102, 289-298.	3.6	48
70	Obtaining fatty acids from <i>Mortierella isabellina</i> using supercritical carbon dioxide and compressed liquefied petroleum gas. <i>Journal of Supercritical Fluids</i> , 2017, 122, 79-87.	3.2	19
71	Desolventizing of <i>Jatropha curcas</i> oil from azeotropes of solvents using ceramic membranes. <i>Environmental Technology</i> (United Kingdom), 2017, 38, 2928-2938.	2.2	8
72	Pretreatment of lignocellulosic biomass using ultrasound aiming at obtaining fermentable sugar. <i>Biocatalysis and Biotransformation</i> , 2017, 35, 161-167.	2.0	15

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73	Extraction and composition of extracts obtained from <i>Lupinus albus</i> using supercritical carbon dioxide and compressed liquefied petroleum gas. <i>Journal of Supercritical Fluids</i> , 2017, 128, 395-403.	3.2	23
74	Solid-state fermentation for production of a bioherbicide from <i>Diaporthe</i> sp. and its formulation to enhance the efficacy. <i>3 Biotech</i> , 2017, 7, 135.	2.2	19
75	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.	3.2	20
76	Ultrasound-assisted extraction of bioactive compounds from palm pressed fiber with high antioxidant and photoprotective activities. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 362-366.	8.2	28
77	Ethanol production by solid-state saccharification and fermentation in a packed-bed bioreactor. <i>Renewable Energy</i> , 2017, 102, 9-14.	8.9	26
78	Selection, isolation, and identification of fungi for bioherbicide production. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 101-108.	2.0	47
79	Optimization of solid-state fermentation for bioherbicide production by <i>Phoma</i> sp. <i>Brazilian Journal of Chemical Engineering</i> , 2017, 34, 377-384.	1.3	18
80	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.	3.2	12
81	Identifiability measures to select the parameters to be estimated in a solid-state fermentation distributed parameter model. <i>Biotechnology Progress</i> , 2016, 32, 905-917.	2.6	3
82	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.	2.5	27
83	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.	3.2	25
84	Production of bioherbicide by <i>Phoma</i> sp. in a stirred-tank bioreactor. <i>3 Biotech</i> , 2016, 6, 230.	2.2	19
85	Solid-state fermentation process model reparametrization procedure for parameters estimation using particle swarm optimization. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 762-768.	3.2	3
86	Enzymatic saccharification and fermentation of rice processing residue for ethanol production at constant temperature. <i>Biosystems Engineering</i> , 2016, 142, 110-116.	4.3	9
87	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.	6.8	30
88	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.	3.2	28
89	Extraction of rice bran oil using supercritical CO ₂ and compressed liquefied petroleum gas. <i>Journal of Food Engineering</i> , 2016, 170, 58-63.	5.2	48
90	Statistical optimization of Reactive Red 141 removal by heterogeneous photo-Fenton reaction using ZnFe ₂ O ₄ oxide prepared by microwave irradiation. <i>Desalination and Water Treatment</i> , 2016, 57, 15603-15611.	1.0	5

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91	Conversion of cassava starch to ethanol and a byproduct under different hydrolysis conditions. Starch/Staerke, 2015, 67, 620-628.	2.1	11
92	Application of Yeast Hydrolysate in Extracellular Lipase Production by <i>Geotrichum candidum</i> in Shaken Flasks, Stirred Tank, and Airlift Reactors. Canadian Journal of Chemical Engineering, 2015, 93, 1524-1530.	1.7	9
93	Glucose obtained from rice bran by ultrasound-assisted enzymatic hydrolysis. Ingenieria E Investigacion, 2015, 35, 61-66.	0.4	5
94	Enzymatic hydrolysis of non-treated sugarcane bagasse using pressurized liquefied petroleum gas with and without ultrasound assistance. Renewable Energy, 2015, 83, 674-679.	8.9	15
95	Production of Cellulolytic Enzymes and Application of Crude Enzymatic Extract for Saccharification of Lignocellulosic Biomass. Applied Biochemistry and Biotechnology, 2015, 175, 560-572.	2.9	19
96	Ultrasound-assisted hydrolysis of sugarcane bagasse using cellulolytic enzymes by direct and indirect sonication. Biocatalysis and Agricultural Biotechnology, 2015, 4, 480-485.	3.1	9
97	Bioherbicide production by <i>Diaporthe</i> sp. isolated from the Brazilian Pampa biome. Biocatalysis and Agricultural Biotechnology, 2015, 4, 575-578.	3.1	26
98	Ultrasound-assisted acid and enzymatic hydrolysis of yam (<i>Dioscorea</i> sp.) for the production of fermentable sugars. Biocatalysis and Agricultural Biotechnology, 2015, 4, 98-102.	3.1	14
99	Addendum to issue 1 - ENZITEC 2012 Influence of ultrasound and compressed liquefied petroleum gas on xylanase activity. Biocatalysis and Biotransformation, 2014, 32, 109-116.	2.0	5
100	Removal of hazardous pharmaceutical dyes by adsorption onto papaya seeds. Water Science and Technology, 2014, 70, 102-107.	2.5	49
101	Use of Artificial Neural Network for Industrial Prediction of Final Temperature of Chicken Carcasses. Journal of Food Process Engineering, 2014, 37, 1-9.	2.9	9
102	Comparison of conventional and alternative technologies for the enzymatic hydrolysis of rice hulls to obtain fermentable sugars. Biocatalysis and Agricultural Biotechnology, 2014, 3, 149-154.	3.1	13
103	Carbon Nanotubes as Supports for Inulinase Immobilization. Molecules, 2014, 19, 14615-14624.	3.8	25
104	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.	2.9	45
105	Correlation and Regression Analysis of Temperature of Chicken Carcasses in an Industrial Cooling Process. Journal of Food Process Engineering, 2014, 37, 185-190.	2.9	3
106	Modeling the microbial growth and temperature profile in a fixed-bed bioreactor. Bioprocess and Biosystems Engineering, 2014, 37, 1945-1954.	3.4	10
107	Immobilization of commercial inulinase on alginate-chitosan beads. Sustainable Chemical Processes, 2014, 2, .	2.3	26
108	Ultrasound-assisted enzymatic hydrolysis of sugarcane bagasse for the production of fermentable sugars. Biosystems Engineering, 2014, 124, 24-28.	4.3	40

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109	Evaluation of fructooligosaccharides separation using a fixed-bed column packed with activated charcoal. <i>New Biotechnology</i> , 2014, 31, 237-241.	4.4	12
110	Liquefied petroleum gas as solvent medium for the treatment of immobilized inulinases. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 280-286.	3.2	13
111	Effect of magnetic field on the ultrafiltration of bovine serum albumin. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 1087-1093.	3.4	12
112	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.	2.0	25
113	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.	3.2	14
114	Use of papaya seeds as a biosorbent of methylene blue from aqueous solution. <i>Water Science and Technology</i> , 2013, 68, 441-447.	2.5	40
115	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.	2.0	24
116	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.	5.2	22
117	Treatment with compressed liquefied petroleum gas and ultrasound to improve cellulase activity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2013, 2, 102-107.	3.1	14
118	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.	2.0	12
119	Thermophysical properties of biodiesel and related systems: (Liquid + liquid) equilibrium data for soybean biodiesel. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 83-94.	2.0	40
120	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.	2.0	10
121	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.	2.0	15
122	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.	2.5	20
123	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.	5.5	32
124	Evaluation of activity of a commercial amylase under ultrasound-assisted irradiation. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 89-94.	8.2	42
125	Inactivation of <i>Listeria monocytogenes</i> using supercritical carbon dioxide in a high-pressure variable-volume reactor. <i>Food Control</i> , 2013, 31, 514-518.	5.5	18
126	Ultrasound-assisted enzymatic hydrolysis of cassava waste to obtain fermentable sugars. <i>Biosystems Engineering</i> , 2013, 115, 1-6.	4.3	22

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127	Supercritical CO ₂ extraction, chemical characterisation and antioxidant potential of <i>Brassica oleracea</i> var capitata against HO ₂ . https://doi.org/10.1016/j.jfoodchem.2013.07.054 . Food Chemistry, 2013, 14, 1954-1959.	8.2	16
128	Fructooligosaccharides production in aqueous medium with inulinase from <i>Aspergillus niger</i> and <i>Kluyveromyces marxianus</i> NRRL Y-7571 immobilized and treated in pressurized CO ₂ . Food and Bioproducts Processing, 2013, 91, 647-655.	3.6	4
129	Effect of ultrasound-assisted irradiation on the activities of α -amylase and amyloglucosidase. Biocatalysis and Agricultural Biotechnology, 2013, 2, 21-25.	3.1	45
130	Hydrolysis of sugarcane bagasse using supercritical carbon dioxide to obtain fermentable sugars. Journal of Chemical Technology and Biotechnology, 2013, 88, 1766-1768.	3.2	23
131	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.	4.8	64
132	Pretreatment of sugarcane bagasse using supercritical carbon dioxide combined with ultrasound to improve the enzymatic hydrolysis. Enzyme and Microbial Technology, 2013, 52, 247-250.	3.2	63
133	Modeling of ion exchange expanded-bed chromatography for the purification of C-phycocyanin. Journal of Chromatography A, 2013, 1281, 73-78.	3.7	18
134	ADSORPTION OF A LEATHER DYE ON MESOPOROUS STRUVITE OBTAINED FROM SWINE WASTEWATER. Chemical Engineering Communications, 2013, 200, 1027-1038.	2.6	22
135	Activated carbon prepared from yerba mate used as a novel adsorbent for removal of tannery dye from aqueous solution. Environmental Technology (United Kingdom), 2013, 34, 2401-2406.	2.2	14
136	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. Journal of Chemical Thermodynamics, 2013, 58, 460-466.	2.0	29
137	Adsorption of leather dye onto activated carbon prepared from bottle gourd: equilibrium, kinetic and mechanism studies. Water Science and Technology, 2013, 67, 201-209.	2.5	27
138	Influence of Osmotic Pre-treatment on Convective Drying Kinetics of Figs. International Journal of Food Engineering, 2013, 9, 187-196.	1.5	11
139	Organic pollutants removal and recovery from animal wastewater by mesoporous struvite precipitation. Desalination and Water Treatment, 2013, 51, 2776-2780.	1.0	23
140	Production of struvite from beverage waste as phosphorus source. Materials Research, 2013, 16, 242-245.	1.3	26
141	Immobilization of inulinase obtained by solid-state fermentation using spray-drying technology. Biocatalysis and Biotransformation, 2012, 30, 409-416.	2.0	8
142	Pressurized Propane: An Alternative Technique to Increase Inulinase Activity. Industrial Biotechnology, 2012, 8, 293-299.	0.8	8
143	Technological Prospection on Solid-State Fermentation. Recent Patents on Engineering, 2012, 6, 207-216.	0.4	1
144	Characterization of a commercial cellulase for hydrolysis of agroindustrial substrates. Bioprocess and Biosystems Engineering, 2012, 35, 1229-1237.	3.4	21

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145	Degradation of Leather Dye Using CeO ₂ –SnO ₂ Nanocomposite as Photocatalyst Under Sunlight. Water, Air, and Soil Pollution, 2012, 223, 5773-5779.	2.4	43
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165	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.	2.0	14
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