

# Lucio Cardozo-Filho

## List of Publications by Year in descending order

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265  
papers

5,390  
citations

101543

36  
h-index

175258

52  
g-index

267  
all docs

267  
docs citations

267  
times ranked

4942  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic analysis of steam reforming of ethanol and glycerine for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 323-332.	7.1	127
2	Extraction of sesame seed ( <i>Sesamun indicum</i> L.) oil using compressed propane and supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2010, 52, 56-61.	3.2	120
3	Thermodynamic analysis of supercritical water gasification of methanol, ethanol, glycerol, glucose and cellulose. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 9737-9744.	7.1	99
4	Extraction of sunflower ( <i>Heliantus annuus</i> L.) oil with supercritical CO <sub>2</sub> and subcritical propane: Experimental and modeling. <i>Chemical Engineering Journal</i> , 2011, 168, 262-268.	12.7	98
5	Extraction of canola seed ( <i>Brassica napus</i> ) oil using compressed propane and supercritical carbon dioxide. <i>Journal of Food Engineering</i> , 2011, 102, 189-196.	5.2	94
6	Validation of an Ultraviolet-“visible (UV-“Vis) technique for the quantitative determination of curcumin in poly(l-lactic acid) nanoparticles. <i>Food Chemistry</i> , 2015, 172, 99-104.	8.2	86
7	Supercritical extraction process and phase equilibrium of Candeia ( <i>Eremanthus erythropappus</i> ) oil using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2008, 47, 182-187.	3.2	79
8	Continuous Production of Biodiesel from Soybean Oil in Supercritical Ethanol and Carbon Dioxide as Cosolvent. <i>Energy &amp; Fuels</i> , 2009, 23, 5165-5172.	5.1	77
9	Modeling of copper(II) biosorption by marine alga <i>Sargassum</i> sp. in fixed-bed column. <i>Process Biochemistry</i> , 2002, 38, 791-799.	3.7	71
10	Extraction of crambe seed oil using subcritical propane: Kinetics, characterization and modeling. <i>Journal of Supercritical Fluids</i> , 2015, 104, 54-61.	3.2	70
11	Subcritical extraction of flaxseed oil with n-propane: Composition and purity. <i>Food Chemistry</i> , 2015, 188, 452-458.	8.2	70
12	Methylxanthines and phenolic compounds in mate ( <i>Ilex paraguariensis</i> St. Hil.) progenies grown in Brazil. <i>Journal of Food Composition and Analysis</i> , 2007, 20, 553-558.	3.9	66
13	Continuous production of soybean biodiesel with compressed ethanol in a microtube reactor. <i>Fuel Processing Technology</i> , 2010, 91, 1274-1281.	7.2	64
14	Simultaneous extraction of seed oil and active compounds from peel of pumpkin ( <i>Cucurbita maxima</i> ) using pressurized carbon dioxide as solvent. <i>Journal of Supercritical Fluids</i> , 2019, 143, 8-15.	3.2	63
15	Gibbs free energy minimization for the calculation of chemical and phase equilibrium using linear programming. <i>Fluid Phase Equilibria</i> , 2009, 278, 117-128.	2.5	60
16	Guaranã ( <i>Paullinia cupana</i> ) seeds: Selective supercritical extraction of phenolic compounds. <i>Food Chemistry</i> , 2016, 212, 703-711.	8.2	58
17	Extraction of palm oil using propane, ethanol and its mixtures as compressed solvent. <i>Journal of Supercritical Fluids</i> , 2013, 81, 245-253.	3.2	55
18	Biodiesel production using supercritical methyl acetate in a tubular packed bed reactor. <i>Fuel Processing Technology</i> , 2013, 106, 605-610.	7.2	53

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19	Intensification of supercritical water oxidation (ScWO) process for landfill leachate treatment through ion exchange with zeolite. <i>Waste Management</i> , 2020, 101, 259-267.	7.4	52
20	Evaluation of the effects of temperature and pressure on the extraction of eugenol from clove ( <i>Syzygium aromaticum</i> ) leaves using supercritical CO <sub>2</sub> . <i>Journal of Supercritical Fluids</i> , 2019, 143, 313-320.	3.2	51
21	Enzymatic catalyzed palm oil hydrolysis under ultrasound irradiation: Diacylglycerol synthesis. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1002-1007.	8.2	49
22	Kinetic modeling of lipase-catalyzed glycerolysis of olive oil. <i>Biochemical Engineering Journal</i> , 2011, 56, 107-115.	3.6	47
23	Drug release profile and reduction in the in vitro burst release from pectin/HEMA hydrogel nanocomposites crosslinked with titania. <i>RSC Advances</i> , 2016, 6, 19060-19068.	3.6	47
24	Combined processes of ozonation and supercritical water oxidation for landfill leachate degradation. <i>Waste Management</i> , 2018, 77, 466-476.	7.4	47
25	Compressed n-propane extraction of lipids and bioactive compounds from <i>Perilla</i> ( <i>Perilla frutescens</i> ). <i>Journal of Supercritical Fluids</i> , 2015, 102, 1-8.	3.2	46
26	Study of the phase equilibrium formed inside the flash tank used at the separation step of a supercritical fluid extraction unit. <i>Journal of Supercritical Fluids</i> , 2008, 43, 447-459.	3.2	45
27	Biosorption of Chromium(III) by Biomass of Seaweed <i>Sargassum</i> sp. in a Fixed-Bed Column. <i>Adsorption</i> , 2004, 10, 129-138.	3.0	44
28	(Vapor + liquid) equilibrium for the binary systems {water + glycerol} and {ethanol + glycerol, ethyl stearate, and ethyl palmitate} at low pressures. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1870-1876.	2.0	44
29	Oxidation of cyclohexane in supercritical carbon dioxide catalyzed by iron tetraphenylporphyrin. <i>Journal of Supercritical Fluids</i> , 2005, 34, 119-124.	3.2	43
30	Correlation of dye solubility in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2007, 40, 163-169.	3.2	42
31	Phase Equilibrium Measurements for the System Clove ( <i>Eugenia caryophyllus</i> ) Oil + CO <sub>2</sub> . <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 352-356.	1.9	41
32	Oil extraction from macauba pulp using compressed propane. <i>Journal of Supercritical Fluids</i> , 2017, 126, 72-78.	3.2	41
33	Pressurized liquid extraction of oil from soybean seeds. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 2383-2389.	1.7	41
34	Extraction of <i>Mucuna</i> seed oil using supercritical carbon dioxide to increase the concentration of l-Dopa in the defatted meal. <i>Journal of Supercritical Fluids</i> , 2012, 69, 75-81.	3.2	40
35	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
36	Phase Equilibrium Measurements of Sacha Inchi Oil ( <i>Plukenetia volubilis</i> ) and CO <sub>2</sub> at High Pressures. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2011, 88, 1263-1269.	1.9	39

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37	Sacha inchi ( <i>Plukenetia volubilis</i> L.) oil composition varies with changes in temperature and pressure in subcritical extraction with n-propane. <i>Industrial Crops and Products</i> , 2016, 87, 64-70.	5.2	39
38	Experimental basic factors in the production of H <sub>2</sub> via supercritical water gasification. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25365-25383.	7.1	39
39	Oxidation of cyclohexane promoted by [Fe(III)(Salen)Cl] and [Mn(III)(Salen)Cl]. <i>Catalysis Communications</i> , 2007, 8, 69-72.	3.3	38
40	Catalytic activity of Mn(III)(Salen) and Fe(III)(Salen) complexes encapsulated in zeolite Y. <i>Applied Catalysis A: General</i> , 2008, 336, 35-39.	4.3	36
41	High Pressure Phase Equilibria of the Related Substances in the Limonene Oxidation in Supercritical CO <sub>2</sub> . <i>Journal of Chemical &amp; Engineering Data</i> , 2003, 48, 354-358.	1.9	35
42	Extraction of vetiver ( <i>Chrysopogon zizanioides</i> ) root oil by supercritical CO <sub>2</sub> , pressurized-liquid, and ultrasound-assisted methods and modeling of supercritical extraction kinetics. <i>Journal of Supercritical Fluids</i> , 2019, 150, 30-39.	3.2	35
43	Hemp ( <i>Cannabis sativa</i> L.) seed oil extraction with pressurized n-propane and supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2019, 143, 268-274.	3.2	35
44	Gasification of olive oil mill waste by supercritical water in a continuous reactor. <i>Journal of Supercritical Fluids</i> , 2018, 142, 10-21.	3.2	34
45	SUPERHEATED STEAM-DRYING OF MATE LEAVES AND EFFECT OF DRYING CONDITIONS ON THE PHENOL CONTENT. <i>Journal of Food Process Engineering</i> , 2006, 29, 253-268.	2.9	33
46	Effects of compressed fluids on the activity and structure of horseradish peroxidase. <i>Journal of Supercritical Fluids</i> , 2009, 50, 162-168.	3.2	33
47	HPLC Analysis of Supercritical Carbon Dioxide and Compressed Propane Extracts from Piper amalago L. with Antileishmanial Activity. <i>Molecules</i> , 2012, 17, 15-33.	3.8	33
48	Candeia ( <i>Eremanthus erythropappus</i> ) oil extraction using supercritical CO <sub>2</sub> with ethanol and ethyl acetate cosolvents. <i>Journal of Supercritical Fluids</i> , 2017, 128, 323-330.	3.2	33
49	Breakthrough curves for oleic acid removal from ethanolic solutions using a strong anion exchange resin. <i>Separation and Purification Technology</i> , 2009, 69, 1-6.	7.9	31
50	High-Pressure Experimental Data of CO <sub>2</sub> + Mitotane and CO <sub>2</sub> + Ethanol + Mitotane Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4333-4341.	1.9	31
51	Anti-tuberculosis neolignans from <i>Piper regnellii</i> . <i>Phytomedicine</i> , 2013, 20, 600-604.	5.3	31
52	Investigation of the rheological properties of protic ionic liquids. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 604-612.	1.9	31
53	Thermal analysis used to guide the production of thymol and <i>Lippia organoides</i> essential oil inclusion complexes with cyclodextrin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 543-553.	3.6	31
54	Dry reforming of methane over Ni/MgO-Al <sub>2</sub> O <sub>3</sub> catalysts: Thermodynamic equilibrium analysis and experimental application. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 5252-5263.	7.1	31

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55	A robust strategy for SVL equilibrium calculations at high pressures. <i>Fluid Phase Equilibria</i> , 2004, 221, 113-126.	2.5	30
56	Thermodynamic analysis of autothermal reforming of methane via entropy maximization: Hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 8257-8270.	7.1	30
57	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.	2.0	29
58	Low viscosity protic ionic liquid for CO <sub>2</sub> /CH <sub>4</sub> separation: Thermophysical and high-pressure phase equilibria for diethylammonium butanoate. <i>Fluid Phase Equilibria</i> , 2018, 459, 30-43.	2.5	29
59	Oil extraction from structured bed of pumpkin seeds and peel using compressed propane as solvent. <i>Journal of Supercritical Fluids</i> , 2019, 152, 104568.	3.2	28
60	Effect of phase composition on the photocatalytic activity of titanium dioxide obtained from supercritical antisolvent. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 245-254.	9.4	28
61	Biosorption of binary mixtures of Cr(III) and Cu(II) ions by <i>Sargassum</i> sp. <i>Brazilian Journal of Chemical Engineering</i> , 2003, 20, 213-227.	1.3	28
62	Phase Behavior of the Reaction Medium of Limonene Oxidation in Supercritical Carbon Dioxide. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 3150-3155.	3.7	27
63	Vapor-liquid and solid-fluid equilibrium for progesterone+CO <sub>2</sub> , progesterone+propane, and progesterone+n-butane systems at elevated pressures. <i>Journal of Supercritical Fluids</i> , 2008, 45, 161-170.	3.2	27
64	Phase Equilibria of Acrylonitrile and <i>p</i> -Bromobenzaldehyde in Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 1080-1084.	1.9	27
65	Phase behavior of carbon dioxide + medroxyprogesterone acetate system at high pressures. <i>Fluid Phase Equilibria</i> , 2013, 349, 1-11.	2.5	27
66	Dyeing of polyethylene terephthalate fibers with a disperse dye in supercritical carbon dioxide. <i>Textile Research Journal</i> , 2014, 84, 1279-1287.	2.2	27
67	Extraction of oil and bioactive compounds from <i>Araucaria angustifolia</i> (Bertol.) Kuntze using subcritical n-propane and organic solvents. <i>Journal of Supercritical Fluids</i> , 2016, 112, 14-21.	3.2	27
68	Computer Simulation of Fatty Acid Esterification in Reactive Distillation Columns. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 10176-10184.	3.7	26
69	Study of candeia oil extraction using pressurized fluids and purification by adsorption process. <i>Journal of Supercritical Fluids</i> , 2014, 92, 177-182.	3.2	26
70	Preparation of curcumin-loaded nanoparticles and determination of the antioxidant potential of curcumin after encapsulation. <i>Polimeros</i> , 2016, 26, 207-214.	0.7	26
71	Extraction and assessment of oil and bioactive compounds from cashew nut ( <i>Anacardium</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2020, 157, 104686.	3.2	26
72	Selective extraction of polar lipids of mango kernel using Supercritical Carbon dioxide (SC-CO <sub>2</sub> ) extraction: Process optimization of extract yield/phosphorous content and economic evaluation. <i>Chemosphere</i> , 2020, 260, 127639.	8.2	26

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73	Oxidation of limonene catalyzed by Metal(Salen) complexes. Brazilian Journal of Chemical Engineering, 2006, 23, 83-92.	1.3	25
74	Cationic polymerization of styrene in scCO <sub>2</sub> and [bmim][PF <sub>6</sub> ]. Journal of Supercritical Fluids, 2009, 48, 183-187.	3.2	25
75	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. Journal of Chemical Thermodynamics, 2013, 58, 398-404.	2.0	25
76	Continuous catalyst-free production of esters from Jatropha curcas L. oil under supercritical ethanol. Brazilian Journal of Chemical Engineering, 2014, 31, 727-735.	1.3	25
77	Hydrogen production and TOC reduction from gasification of lactose by supercritical water. International Journal of Hydrogen Energy, 2015, 40, 12162-12168.	7.1	25
78	Production of esters from soybean oil deodorizer distillate in pressurized ethanol. Fuel Processing Technology, 2016, 149, 326-331.	7.2	25
79	Supercritical Extraction Strategies Using CO <sub>2</sub> and Ethanol to Obtain Cannabinoid Compounds from Cannabis Hybrid Flowers. Journal of CO <sub>2</sub> Utilization, 2019, 30, 241-248.	6.8	25
80	Production of esters from grease trap waste lipids under supercritical conditions: Effect of water addition on ethanol. Journal of Supercritical Fluids, 2019, 147, 9-16.	3.2	25
81	Pressurized liquid and ultrasound-assisted extraction of $\alpha$ -bisabolol from candeia (Eremanthus Tj ETQq1 1 0.784314 rgBT / Overlock	5.2	25
82	Thermophysical properties of biodiesel and related systems: (Liquid + liquid) equilibrium data for Jatropha curcas biodiesel. Journal of Chemical Thermodynamics, 2013, 58, 467-475.	2.0	24
83	Liquid-liquid and vapor-liquid equilibrium data for biodiesel reaction-separation systems. Fuel, 2013, 108, 269-276.	6.4	24
84	Biodiesel Production by Esterification of Hydrolyzed Soybean Oil with Ethanol in Reactive Distillation Columns: Simulation Studies. Industrial & Engineering Chemistry Research, 2013, 52, 9461-9469.	3.7	24
85	Comparing Conventional and Supercritical Extraction of $\alpha$ -Mammea A/BB and the Antioxidant Activity of Calophyllum brasiliense Extracts. Molecules, 2013, 18, 6215-6229.	3.8	24
86	Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) nanoparticles prepared by a miniemulsion/solvent evaporation technique: effect of phbv molar mass and concentration. Brazilian Journal of Chemical Engineering, 2013, 30, 369-377.	1.3	23
87	Extraction of oil from Elaeis spp. using subcritical propane and cosolvent: Experimental and modeling. Journal of Supercritical Fluids, 2018, 133, 401-410.	3.2	23
88	Study of glycerol etherification with ethanol in fixed bed reactor under high pressure. Fuel Processing Technology, 2018, 178, 1-6.	7.2	23
89	Continuous catalyst-free interesterification of crambe oil using methyl acetate under pressurized conditions. Energy Conversion and Management, 2019, 187, 398-406.	9.2	23
90	Application of interval analysis for gibbs and helmholtz free energy global minimization in phase stability analysis. Brazilian Journal of Chemical Engineering, 2006, 23, 117-124.	1.3	22

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91	Selective Liquid CO <sub>2</sub> Extraction of Purine Alkaloids in Different <i>Ilex paraguariensis</i> Progenies Grown under Environmental Influences. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 6835-6841.	5.2	22
92	Influence of the drying route on the depolymerization and properties of chitosan. <i>Polymer Engineering and Science</i> , 2015, 55, 1969-1976.	3.1	22
93	Assessment of continuous catalyst-free production of ethyl esters from grease trap waste. <i>Journal of Supercritical Fluids</i> , 2018, 136, 157-163.	3.2	22
94	Debye-Hückel approximation for simplification of ions adsorption equilibrium model based on Poisson-Boltzmann equation. <i>Surfaces and Interfaces</i> , 2018, 10, 144-148.	3.0	22
95	β-Cyclodextrin complexation of extracts of olive leaves obtained by pressurized liquid extraction. <i>Industrial Crops and Products</i> , 2019, 129, 662-672.	5.2	22
96	Hydrogen production by supercritical water gasification of black liquor: Use of high temperatures and short residence times in a continuous reactor. <i>Journal of Supercritical Fluids</i> , 2020, 159, 104772.	3.2	22
97	High-pressure phase behaviour of the system (CO <sub>2</sub> +C.I. Disperse Orange 30 dye). <i>Journal of Chemical Thermodynamics</i> , 2012, 48, 284-290.	2.0	21
98	Wood and industrial residue of candeia ( <i>Eremanthus erythropappus</i> ): Supercritical CO <sub>2</sub> oil extraction, composition, antioxidant activity and mathematical modeling. <i>Journal of Supercritical Fluids</i> , 2016, 114, 1-8.	3.2	21
99	Supercritical water technology: an emerging treatment process for contaminated wastewaters and sludge. <i>Reviews in Environmental Science and Biotechnology</i> , 2022, 21, 75-104.	8.1	21
100	Simultaneous calculation of chemical and phase equilibria using convexity analysis. <i>Computers and Chemical Engineering</i> , 2011, 35, 1226-1237.	3.8	20
101	Thermodynamic analysis of fatty acid esterification for fatty acid alkyl esters production. <i>Biomass and Bioenergy</i> , 2011, 35, 781-788.	5.7	20
102	Supercritical extraction of neolignans from <i>Piper regnelli</i> var. <i>pallenscens</i> . <i>Journal of Supercritical Fluids</i> , 2012, 71, 64-70.	3.2	20
103	Liquid-vapor equilibrium data of CO <sub>2</sub> +dichloromethane+medroxyprogesterone system. <i>Fluid Phase Equilibria</i> , 2014, 362, 307-312.	2.5	20
104	Medroxyprogesterone-encapsulated poly(3-hydroxybutirate-co-3-hydroxyvalerate) nanoparticles using supercritical fluid extraction of emulsions. <i>Journal of Supercritical Fluids</i> , 2016, 118, 79-88.	3.2	20
105	Pressurized liquid extraction of macauba pulp oil. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 1579-1584.	1.7	20
106	Extraction from Leaves of <i>Piper klotzschianum</i> using Supercritical Carbon Dioxide and Co-Solvents. <i>Journal of Supercritical Fluids</i> , 2019, 147, 205-212.	3.2	20
107	Metal(salen)-catalyzed oxidation of limonene in supercritical CO <sub>2</sub> . <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 84, 69-77.	0.6	19
108	An empirical equation for the dielectric constant in aqueous and nonaqueous electrolyte mixtures. <i>Fluid Phase Equilibria</i> , 2014, 376, 116-123.	2.5	19



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109	Formation of inclusion compounds of (+)catechin with $\beta$ -cyclodextrin in different complexation media: Spectral, thermal and antioxidant properties. <i>Journal of Supercritical Fluids</i> , 2017, 121, 10-18.	3.2	19
110	Extraction of passion fruit ( <i>Passiflora cincinnata</i> Mast.) pulp oil using pressurized ethanol and ultrasound: Antioxidant activity and kinetics. <i>Journal of Supercritical Fluids</i> , 2020, 165, 104944.	3.2	19
111	Extraction of $\beta$ -Oryzanol from defatted rice bran using supercritical carbon dioxide (SC-CO <sub>2</sub> ): Process optimisation of extract yield, scale-up and economic analysis. <i>Chemical Engineering Research and Design</i> , 2021, 148, 179-188.	5.6	19
112	Non-catalytic production of fatty acid ethyl esters from soybean oil with supercritical ethanol in a two-step process using a microtube reactor. <i>Biomass and Bioenergy</i> , 2011, 35, 526-532.	5.7	18
113	Effect of Additives in the Reaction Medium on Noncatalytic Ester Production from Used Frying Oil with Supercritical Ethanol. <i>Energy &amp; Fuels</i> , 2014, 28, 3122-3128.	5.1	18
114	Optimization of extraction method and evaluation of antileishmanial activity of oil and nanoemulsions of <i>Pterodon pubescens</i> benth. fruit extracts. <i>Experimental Parasitology</i> , 2016, 170, 252-260.	1.2	18
115	Extraction of macauba kernel oil using supercritical carbon dioxide and compressed propane. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 785-792.	1.7	18
116	Equilibrium modeling of ion adsorption based on Poisson-Boltzmann equation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 468, 159-166.	4.7	17
117	Production of microparticles of PHBV polymer impregnated with progesterone by supercritical fluid technology. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 1336-1341.	1.7	17
118	High pressure vapor-liquid equilibria for binary methane and protic ionic liquid based on propionate anions. <i>Fluid Phase Equilibria</i> , 2016, 426, 65-74.	2.5	17
119	Hydroesterification of crambe oil ( <i>Crambe abyssinica</i> H.) under pressurized conditions. <i>Industrial Crops and Products</i> , 2017, 97, 110-119.	5.2	17
120	Quality parameters of radish seed oil obtained using compressed propane as solvent. <i>Journal of Supercritical Fluids</i> , 2020, 159, 104751.	3.2	17
121	Phase stability analysis of liquid-liquid equilibrium with stochastic methods. <i>Brazilian Journal of Chemical Engineering</i> , 2008, 25, 571-583.	1.3	17
122	Kinetic Modeling of Solvent-Free Lipase-Catalyzed Partial Hydrolysis of Palm Oil. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1121-1142.	2.9	16
123	Pd/Nb <sub>2</sub> O <sub>5</sub> : efficient supported palladium heterogeneous catalyst in the production of key intermediates for the synthesis of $\epsilon$ -sartans <sup>™</sup> via the Suzuki reaction. <i>Tetrahedron Letters</i> , 2012, 53, 1089-1093.	1.4	16
124	(Liquid+liquid) equilibrium for the system (hydrolyzed palm oil+ethanol+water) for diacylglycerol enrichment. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 1-7.	2.0	16
125	Extraction of essential oil from <i>Cyperus articulatus</i> L. var. <i>articulatus</i> (priprioca) with pressurized CO <sub>2</sub> . <i>Journal of Supercritical Fluids</i> , 2014, 88, 134-141.	3.2	16
126	Polycaprolactone nanoparticles containing encapsulated progesterone prepared using a scCO <sub>2</sub> emulsion drying technique. <i>Materials Letters</i> , 2014, 124, 197-200.	2.6	16



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127	Chemo-enzymatic epoxidation catalyzed by <i>C. antarctica</i> lipase immobilized in microemulsion-based organogels. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 107, 89-94.	1.8	16
128	Characterization of progesterone loaded biodegradable blend polymeric nanoparticles. <i>Ciencia Rural</i> , 2015, 45, 2082-2088.	0.5	16
129	Computer simulation of biodiesel production by hydro-esterification. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 103, 37-45.	3.6	16
130	Leachate treatment using supercritical water. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 1442-1448.	1.7	16
131	Assessment of black liquor hydrothermal treatment under sub- and supercritical conditions: Products distribution and economic perspectives. <i>Chemosphere</i> , 2022, 286, 131774.	8.2	16
132	High-pressure phase diagram of the drug mitotane in compressed and/or supercritical CO <sub>2</sub> . <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 286-290.	2.0	15
133	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
134	Phytochemistry of <i>Cymbopogon citratus</i> (D.C.) Stapf inoculated with arbuscular mycorrhizal fungi and plant growth promoting bacteria. <i>Industrial Crops and Products</i> , 2020, 149, 112340.	5.2	15
135	Phase Equilibrium for (Camphor + CO <sub>2</sub> ), (Camphor + Propane), and (Camphor + CO <sub>2</sub> + Propane). <i>Journal of Chemical &amp; Engineering Data</i> , 2006, 51, 997-1000.	1.9	14
136	Effect of Additives and Process Variables on Enzymatic Hydrolysis of Macauba Kernel Oil ( <i>Acrocomia aculeata</i> ). <i>International Journal of Chemical Engineering</i> , 2013, 2013, 1-8.	2.4	14
137	Recovery, encapsulation and stabilization of bioactives from food residues using high pressure techniques. <i>Current Opinion in Food Science</i> , 2015, 5, 76-85.	8.0	14
138	A new benzoic acid derivative from <i>Piper diospyrifolium</i> and its anti- <i>Mycobacterium tuberculosis</i> activity. <i>Phytochemistry Letters</i> , 2015, 11, 18-23.	1.2	14
139	High pressure vapor-liquid equilibria for binary protic ionic liquids + methane or carbon dioxide. <i>Separation and Purification Technology</i> , 2018, 196, 32-40.	7.9	14
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