

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
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267
all docs

267
docs citations

267
times ranked

4942
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Moringa oleifera</i> seed oil extracted by pressurized n-propane and its effect against <i>Staphylococcus aureus</i> biofilms. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 1083-1098.	2.2	5
2	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
3	Oil recovery from defective coffee beans using pressurized fluid extraction followed by pyrolysis of the residual biomass: Sustainable process with zero waste. <i>Journal of Supercritical Fluids</i> , 2022, 180, 105432.	3.2	3
4	Composition and oxidative stability of oils extracted from <i>Zophobas morio</i> and <i>Tenebrio molitor</i> using pressurized n-propane. <i>Journal of Supercritical Fluids</i> , 2022, 181, 105504.	3.2	3
5	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
6	Simultaneous extraction of sunflower oil and active compounds from olive leaves using pressurized propane. <i>Current Research in Food Science</i> , 2022, 5, 531-544.	5.8	10
7	COSMO Study on the Heptane-Toluene-DMF/DEG-KSCN Liquid-Liquid Equilibrium System. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 653-659.	3.7	0
8	Current extraction methods and potential use of essential oils for quality and safety assurance of foods. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20191270.	0.8	1
9	Ora-pro-nobis - chemical characterization and sourcing of crude extract through different extraction methods: a review. <i>Research, Society and Development</i> , 2022, 11, e55211629315.	0.1	1
10	Green synthesis of NiO nanoparticles and application in production of renewable H ₂ from bioethanol. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 25229-25244.	7.1	3
11	Gaseificação da biomassa em água supercrítica como tecnologia de produção de hidrogênio. <i>Research, Society and Development</i> , 2022, 11, e32511931296.	0.1	0
12	Extraction of Î³-Oryzanol from defatted rice bran using supercritical carbon dioxide (SC-CO ₂): Process optimisation of extract yield, scale-up and economic analysis. <i>Chemical Engineering Research and Design</i> , 2021, 148, 179-188.	5.6	19
13	Atividade alelopática do óleo de copaíba (<i>Copaifera langsdorffii</i> Desf) na qualidade das sementes de tomate. <i>Research, Society and Development</i> , 2021, 10, e24710313266.	0.1	0
14	Catalyst-free production of fatty acid ethyl esters (FAEE) from macauba pulp oil. <i>Grasas Y Aceites</i> , 2021, 72, e398.	0.9	1
15	Experimental data and thermodynamics modeling (PC-SAFT EoS) of the {CO ₂ + chloroform + PHBV} system at high pressures. <i>Journal of Supercritical Fluids</i> , 2021, 170, 105140.	3.2	2
16	Simultaneous formation of inclusion complex and microparticles containing Albendazole and Î²-Cyclodextrin by supercritical antisolvent co-precipitation. <i>Journal of CO₂ Utilization</i> , 2021, 47, 101505.	6.8	13
17	Production of blends of edible oil and carrot carotenoids using compressed propane: Enhancement of stability and nutritional characteristics. <i>Journal of Supercritical Fluids</i> , 2021, 171, 105189.	3.2	6
18	Pressurized mixture of CO ₂ and propane for enhanced extraction of non-edible vegetable oil. <i>Journal of Supercritical Fluids</i> , 2021, 171, 105171.	3.2	9

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19	Single step encapsulation process of ivermectin in biocompatible polymer using a supercritical antisolvent system process. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2672.	1.5	3
20	Liquid-Liquid Equilibrium for Cyclohexane + Benzene + N,N-Dimethylformamide + Potassium Thiocyanate at Temperature 298.15 K and Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 3659-3666.	1.9	1
21	Yield and quality parameters of pretreated crambe seed oil extracted using C ₃ H ₈ , CO ₂ and C ₃ H ₈ +CO ₂ mixtures under pressurized conditions. <i>Journal of Supercritical Fluids</i> , 2021, 175, 105277.	3.2	5
22	Pressurized liquid extraction of radish seed oil using ethanol as solvent: Effect of pretreatment on seeds and process variables. <i>Journal of Supercritical Fluids</i> , 2021, 176, 105307.	3.2	11
23	Treatment of hormones in wastewater from the pharmaceutical industry by continuous flow supercritical water technology. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106095.	6.7	13
24	Guariroba (<i>Syagrus oleracea</i>) kernel oil extraction using supercritical CO ₂ and compressed propane and its characterization. <i>Journal of Supercritical Fluids</i> , 2021, 177, 105326.	3.2	4
25	Intensification of supercritical water oxidation (ScWO) by ion exchange with zeolite for the reuse of landfill leachates. <i>Science of the Total Environment</i> , 2021, 794, 148584.	8.0	14
26	Techno-Economic assessment of α -Lactalbumin and β -Lactoglobulin fractionation from whey protein isolated solution using supercritical carbon dioxide in a continuous reactor. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 118, 87-96.	5.3	7
27	Synthesis and characterization of Sn-Al-MCM-41 molecular sieve for cyclic acetal production by the glycerol etherification reaction with benzaldehyde. <i>Brazilian Journal of Chemical Engineering</i> , 2021, 38, 901.	1.3	1
28	Mononuclear Iron(III) Piperazine-Derived Complexes and Application in the Oxidation of Cyclohexane. <i>Catalysis in Industry</i> , 2021, 13, 309-316.	0.7	0
29	Production and computational fluid dynamics-based modeling of PMMA nanoparticles impregnated with ivermectin by a supercritical antisolvent process. <i>Journal of CO₂ Utilization</i> , 2020, 35, 47-58.	6.8	13
30	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
31	Dry reforming of methane over Ni/MgO-Al ₂ O ₃ catalysts: Thermodynamic equilibrium analysis and experimental application. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 5252-5263.	7.1	31
32	Supercritical water oxidation treatment of humic acid as a model organic compound of landfill leachate. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 868-878.	1.7	9
33	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
34	Selective amides extraction and biological activity from <i>Piper hispidum</i> leaves using the supercritical extraction. <i>Journal of Supercritical Fluids</i> , 2020, 157, 104712.	3.2	4
35	Use of the Product from Low Pressure Extraction (Crambe Seed Oil and Methyl Acetate) for Synthesis of Methyl Esters and Triacetin Under Supercritical Conditions. <i>European Journal of Lipid Science and Technology</i> , 2020, 122, 2000004.	1.5	10
36	Interesterification of grease trap waste lipids using methyl acetate under supercritical conditions. <i>Journal of Supercritical Fluids</i> , 2020, 164, 104896.	3.2	12

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37	Quality and composition of three palm oils isolated by clean and sustainable process. Journal of Cleaner Production, 2020, 259, 120905.	9.3	6
38	Cashew nut oil extracted with compressed propane under different experimental conditions: Evaluation of lipid composition. Journal of Food Processing and Preservation, 2020, 44, e14599.	2.0	7
39	Phytochemistry of <i>Cymbopogon citratus</i> (D.C.) Stapf inoculated with arbuscular mycorrhizal fungi and plant growth promoting bacteria. Industrial Crops and Products, 2020, 149, 112340.	5.2	15
40	Evaluation of the effects of pressurized solvents and extraction process parameters on seed oil extraction in <i>Pachira aquatica</i> . Journal of Supercritical Fluids, 2020, 161, 104823.	3.2	7
41	Extraction of passion fruit (<i>Passiflora cincinnata</i> Mast.) pulp oil using pressurized ethanol and ultrasound: Antioxidant activity and kinetics. Journal of Supercritical Fluids, 2020, 165, 104944.	3.2	19
42	Selective extraction of polar lipids of mango kernel using Supercritical Carbon dioxide (SC-CO ₂) extraction: Process optimization of extract yield/phosphorous content and economic evaluation. Chemosphere, 2020, 260, 127639.	8.2	26
43	Waste oil/crambe oil blends for ethyl ester production under supercritical conditions. Journal of Supercritical Fluids, 2020, 163, 104889.	3.2	5
44	Hydrogen production by supercritical water gasification of black liquor: Use of high temperatures and short residence times in a continuous reactor. Journal of Supercritical Fluids, 2020, 159, 104772.	3.2	22
45	Effect of water on high-pressure ternary phase equilibria of CO ₂ +H ₂ O+alkanolamine based ionic liquid. Journal of Molecular Liquids, 2020, 306, 112775.	4.9	10
46	Quality parameters of radish seed oil obtained using compressed propane as solvent. Journal of Supercritical Fluids, 2020, 159, 104751.	3.2	17
47	PRODUÇÃO DE BIODIESEL A PARTIR DA REAÇÃO DE HIDROESTERIFICAÇÃO. Revista UNINGÁ-Review, 2020, 35, eRUR3522.	0.1	0
48	Glycerol Acetylation with Propionic Acid Using Iron and Cobalt Oxides in Al-MCM-41 Catalysts. Bulletin of Chemical Reaction Engineering and Catalysis, 2020, 15, 829-844.	1.1	2
49	Simultaneous extraction of seed oil and active compounds from peel of pumpkin (<i>Cucurbita maxima</i>) using pressurized carbon dioxide as solvent. Journal of Supercritical Fluids, 2019, 143, 8-15.	3.2	63
50	Extraction of macauba kernel oil using supercritical carbon dioxide and compressed propane. Canadian Journal of Chemical Engineering, 2019, 97, 785-792.	1.7	18
51	EXTRACTION OF BIOACTIVE COMPOUNDS OF LEAVES OF <i>Duguetia furfuracea</i> (ANNONACEAE) USING GREEN AND ORGANIC SOLVENTS. Brazilian Journal of Chemical Engineering, 2019, 36, 549-556.	1.3	7
52	Experimental Measurements of the {CO ₂ (1) + Acetone (2) + Ivermectin (3)} System at High Pressure. Journal of Chemical & Engineering Data, 2019, 64, 3786-3792.	1.9	8
53	Oil extraction from structured bed of pumpkin seeds and peel using compressed propane as solvent. Journal of Supercritical Fluids, 2019, 152, 104568.	3.2	28
54	Experimental basic factors in the production of H ₂ via supercritical water gasification. International Journal of Hydrogen Energy, 2019, 44, 25365-25383.	7.1	39

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55	Supercritical Extraction Strategies Using CO ₂ and Ethanol to Obtain Cannabinoid Compounds from Cannabis Hybrid Flowers. <i>Journal of CO₂ Utilization</i> , 2019, 30, 241-248.	6.8	25
56	Experimental Phase Equilibrium Data for Rotenone in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2357-2362.	1.9	4
57	Liquid-Liquid Equilibrium of the System {Peanut Biodiesel + Glycerol + Ethanol} at Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2207-2212.	1.9	6
58	Extraction of vetiver (<i>Chrysopogon zizanioides</i>) root oil by supercritical CO ₂ , 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
59	Experimental Data and Thermodynamics Modeling (PC-SAFT EoS) of the {CO ₂ + Acetone + Pluronic F-127} System at High Pressures. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2186-2192.	1.9	11
60	Continuous catalyst-free interesterification of crambe oil using methyl acetate under pressurized conditions. <i>Energy Conversion and Management</i> , 2019, 187, 398-406.	9.2	23
61	Production of esters from grease trap waste lipids under supercritical conditions: Effect of water addition on ethanol. <i>Journal of Supercritical Fluids</i> , 2019, 147, 9-16.	3.2	25
62	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
63	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
64	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
65	Ethanol and methanol Unifac subgroup parameter estimation in the prediction of the liquid-liquid equilibrium of biodiesel systems. <i>Fluid Phase Equilibria</i> , 2019, 488, 79-86.	2.5	8
66	Pressurized liquid and ultrasound-assisted extraction of trans-bisabolol from candeia (<i>Eremanthus</i>)	5.2	25
67	Classical Models Part 1. , 2019, , 73-102.		0
68	The use of polynomial models to determine thermodynamic properties of turbulent supercritical mixture in SAS process: A statistical analysis. <i>Journal of Supercritical Fluids</i> , 2019, 145, 228-242.	3.2	1
69	Thermal analysis used to guide the production of thymol and <i>Lippia origanoides</i> essential oil inclusion complexes with cyclodextrin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 543-553.	3.6	31
70	Evaluation of the effects of temperature and pressure on the extraction of eugenol from clove (<i>Syzygium aromaticum</i>) leaves using supercritical CO ₂ . <i>Journal of Supercritical Fluids</i> , 2019, 143, 313-320.	3.2	51
71	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
72	PHASE BEHAVIOR DATA AND THERMODYNAMIC MODELING OF THE BINARY SYSTEM {CO ₂ + COUMARIN} AT HIGH PRESSURES. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 1053-1059.	1.3	1

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73	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
74	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
75	High pressure vapor-liquid equilibria for binary carbon dioxide and protic ionic liquid based on ethanolanilium butanoic acid. <i>Fluid Phase Equilibria</i> , 2018, 460, 162-174.	2.5	9
76	Combined processes of ozonation and supercritical water oxidation for landfill leachate degradation. <i>Waste Management</i> , 2018, 77, 466-476.	7.4	47
77	Experimental and modeling vapor-liquid equilibrium for the binary systems {ethanol(1)-glycerol(2)} and {tert-butanol(1)-glycerol(2)} at high pressures. <i>Journal of Chemical Thermodynamics</i> , 2018, 123, 46-50.	2.0	4
78	Improvements of theobromine pharmaceutical properties using solid dispersions prepared with newfound technologies. <i>Chemical Engineering Research and Design</i> , 2018, 132, 1193-1201.	5.6	7
79	CFD-based modeling of precipitation by supercritical anti-solvent process of microparticles from grape pomace extract with population balance approach. <i>Journal of Supercritical Fluids</i> , 2018, 133, 519-527.	3.2	6
80	Effect of precipitation chamber geometry on the production of microparticles by antisolvent process. <i>Journal of Supercritical Fluids</i> , 2018, 133, 357-366.	3.2	9
81	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
82	Low viscosity protic ionic liquid for CO ₂ /CH ₄ separation: Thermophysical and high-pressure phase equilibria for diethylammonium butanoate. <i>Fluid Phase Equilibria</i> , 2018, 459, 30-43.	2.5	29
83	Phenomenological adsorption isotherm for a binary system based on Poisson-Boltzmann equation. <i>Surfaces and Interfaces</i> , 2018, 10, 50-57.	3.0	7
84	Extraction of oil from <i>Elaeis</i> spp. using subcritical propane and cosolvent: Experimental and modeling. <i>Journal of Supercritical Fluids</i> , 2018, 133, 401-410.	3.2	23
85	Isomerization and hydration of fumaric acid under catalytic and noncatalytic conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 125, 521-534.	1.7	3
86	Study of glycerol etherification with ethanol in fixed bed reactor under high pressure. <i>Fuel Processing Technology</i> , 2018, 178, 1-6.	7.2	23
87	Ethyl esters from waste oil: Reaction data of non-catalytic hydroesterification at pressurized conditions and purification with sugarcane bagasse ash. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4988-4996.	6.7	14
88	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
89	Broadband dielectric spectroscopy of protic ethylammonium-based ionic liquids synthesized with different anions. <i>Journal of Molecular Liquids</i> , 2018, 269, 556-563.	4.9	13
90	Formation of inclusion compounds of (+)catechin with β -cyclodextrin in different complexation media: Spectral, thermal and antioxidant properties. <i>Journal of Supercritical Fluids</i> , 2017, 121, 10-18.	3.2	19

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91	Supercritical water oxidation of lactose. Canadian Journal of Chemical Engineering, 2017, 95, 827-831.	1.7	5
92	Pressurized liquid extraction of macauba pulp oil. Canadian Journal of Chemical Engineering, 2017, 95, 1579-1584.	1.7	20
93	Oil extraction from macauba pulp using compressed propane. Journal of Supercritical Fluids, 2017, 126, 72-78.	3.2	41
94	Candeia (Eremanthus erythropappus) oil extraction using supercritical CO 2 with ethanol and ethyl acetate cosolvents. Journal of Supercritical Fluids, 2017, 128, 323-330.	3.2	33
95	Study of the supercritical extraction of Pterodon fruits (Fabaceae). Journal of Supercritical Fluids, 2017, 128, 159-165.	3.2	11
96	High-Pressure Acid-Catalyzed Isomerization and Hydration of Fumaric Acid in a Homogeneous Nonisothermal Batch Reactor. Industrial & Engineering Chemistry Research, 2017, 56, 3873-3879.	3.7	6
97	Leachate treatment using supercritical water. Canadian Journal of Chemical Engineering, 2017, 95, 1442-1448.	1.7	16
98	Hydroesterification of crambe oil (Crambe abyssinica H.) under pressurized conditions. Industrial Crops and Products, 2017, 97, 110-119.	5.2	17
99	Prebiotic green tea beverage added inclusion complexes of catechin and β -cyclodextrin: Physicochemical characteristics during storage. LWT - Food Science and Technology, 2017, 85, 212-217.	5.2	12
100	Pressurized liquid extraction of oil from soybean seeds. Canadian Journal of Chemical Engineering, 2017, 95, 2383-2389.	1.7	41
101	Vapor-Liquid Equilibrium of Carbon Dioxide + Ethyl Acetate + Oleic Acid Mixtures at High Pressures. Journal of Chemical & Engineering Data, 2017, 62, 2855-2860.	1.9	7
102	Detailed calculation of complex fluid phase equilibrium sections for ternary systems. Journal of Supercritical Fluids, 2017, 130, 399-414.	3.2	1
103	The effect of ultrasound on the hydrolysis of soybean oil catalyzed by phospholipase. European Journal of Lipid Science and Technology, 2017, 119, 1600154.	1.5	1
104	Hydrolysis of Canola Oil Under Subcritical Conditions for Biodiesel Synthesis. Asian Journal of Chemistry, 2017, 29, 398-402.	0.3	4
105	Assessment of process variables on the use of macauba pulp oil as feedstock for the continuous production of ethyl esters under pressurized conditions. Brazilian Journal of Chemical Engineering, 2017, 34, 831-839.	1.3	10
106	Preparation of curcumin-loaded nanoparticles and determination of the antioxidant potential of curcumin after encapsulation. Polimeros, 2016, 26, 207-214.	0.7	26
107	THE EFFECT OF SYSTEM TEMPERATURE AND PRESSURE ON THE FLUID-DYNAMIC BEHAVIOR OF THE SUPERCRITICAL ANTISOLVENT MICRONIZATION PROCESS: A NUMERICAL APPROACH. Brazilian Journal of Chemical Engineering, 2016, 33, 73-90.	1.3	8
108	Investigation of the rheological properties of protic ionic liquids. Journal of Physical Organic Chemistry, 2016, 29, 604-612.	1.9	31

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109	Phase behaviour of sesame (<i>Sesamum indicum</i> L.) seed oil using supercritical CO ₂ . Canadian Journal of Chemical Engineering, 2016, 94, 310-314.	1.7	9
110	Production of microparticles of PHBV polymer impregnated with progesterone by supercritical fluid technology. Canadian Journal of Chemical Engineering, 2016, 94, 1336-1341.	1.7	17
111	Postischemic fish oil treatment restores long-term retrograde memory and dendritic density: An analysis of the time window of efficacy. Behavioural Brain Research, 2016, 311, 425-439.	2.2	12
112	Sacha inchi (<i>Plukenetia volubilis</i> L.) oil composition varies with changes in temperature and pressure in subcritical extraction with n-propane. Industrial Crops and Products, 2016, 87, 64-70.	5.2	39
113	Production of esters from soybean oil deodorizer distillate in pressurized ethanol. Fuel Processing Technology, 2016, 149, 326-331.	7.2	25
114	High pressure vapor-liquid equilibria for binary methane and protic ionic liquid based on propionate anions. Fluid Phase Equilibria, 2016, 426, 65-74.	2.5	17
115	Optimization of extraction method and evaluation of antileishmanial activity of oil and nanoemulsions of <i>Pterodon pubescens</i> benth. fruit extracts. Experimental Parasitology, 2016, 170, 252-260.	1.2	18
116	Medroxyprogesterone-encapsulated poly(3-hydroxybutyrate-co-3-hydroxyvalerate) nanoparticles using supercritical fluid extraction of emulsions. Journal of Supercritical Fluids, 2016, 118, 79-88.	3.2	20
117	Extraction and phase behaviour of <i>Moringa oleifera</i> seed oil using compressed propane. Canadian Journal of Chemical Engineering, 2016, 94, 2195-2201.	1.7	13
118	Guaranã (<i>Paullinia cupana</i>) seeds: Selective supercritical extraction of phenolic compounds. Food Chemistry, 2016, 212, 703-711.	8.2	58
119	Evaluation of changes in physicochemical properties in a supercritical antisolvent (SAS) process using 3D turbulent CFD approach. Journal of Supercritical Fluids, 2016, 107, 349-357.	3.2	4
120	Wood and industrial residue of candeia (<i>Eremanthus erythropappus</i>): Supercritical CO ₂ oil extraction, composition, antioxidant activity and mathematical modeling. Journal of Supercritical Fluids, 2016, 114, 1-8.	3.2	21
121	Extraction of oil and bioactive compounds from <i>Araucaria angustifolia</i> (Bertol.) Kuntze using subcritical n-propane and organic solvents. Journal of Supercritical Fluids, 2016, 112, 14-21.	3.2	27
122	Drug release profile and reduction in the in vitro burst release from pectin/HEMA hydrogel nanocomposites crosslinked with titania. RSC Advances, 2016, 6, 19060-19068.	3.6	47
123	Boiling point elevation of aqueous solutions of ionic liquids derived from diethanolamine base and carboxylic acids. Journal of Chemical Thermodynamics, 2016, 98, 1-8.	2.0	9
124	NaCl and KCl effect on (vapour+liquid) equilibrium of binary, ternary and quaternary systems involving water, ethanol and glycerol at low pressures. Journal of Chemical Thermodynamics, 2016, 98, 95-101.	2.0	8
125	Computer simulation of biodiesel production by hydro-esterification. Chemical Engineering and Processing: Process Intensification, 2016, 103, 37-45.	3.6	16
126	Anti- <i>Mycobacterium tuberculosis</i> Activity of <i>Calophyllum brasiliense</i> Extracts Obtained by Supercritical Fluid Extraction and Conventional Techniques. Current Pharmaceutical Biotechnology, 2016, 17, 532-539.	1.6	2

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127	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
128	Characterization of progesterone loaded biodegradable blend polymeric nanoparticles. <i>Ciencia Rural</i> , 2015, 45, 2082-2088.	0.5	16
129	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
130	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
131	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
132	Subcritical extraction of flaxseed oil with n-propane: Composition and purity. <i>Food Chemistry</i> , 2015, 188, 452-458.	8.2	70
133	Synthesis and characterization of silver nanoparticle nanocomposite thin films with thermally induced surface morphology changes. <i>Materials Letters</i> , 2015, 159, 118-121.	2.6	5
134	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
135	Hydrogen production and TOC reduction from gasification of lactose by supercritical water. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 12162-12168.	7.1	25
136	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
137	A model for precipitation of sub-micrometric particles of PHBV poly(3-hydroxybutyrate-co-3-hydroxyvalerate) by supercritical assisted-atomization. <i>Journal of Supercritical Fluids</i> , 2015, 97, 88-99.	3.2	10
138	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
139	Continuous catalyst-free production of esters from <i>Jatropha curcas</i> L. oil under supercritical ethanol. <i>Brazilian Journal of Chemical Engineering</i> , 2014, 31, 727-735.	1.3	25
140	Continuous Catalyst-Free Esterification of Oleic Acid in Compressed Ethanol. <i>International Journal of Chemical Engineering</i> , 2014, 2014, 1-5.	2.4	13
141	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
142	Critical end line topologies for ternary systems. <i>Journal of Supercritical Fluids</i> , 2014, 89, 33-47.	3.2	7
143	Liquid-vapor equilibrium data of CO ₂ +dichloromethane+medroxyprogesterone system. <i>Fluid Phase Equilibria</i> , 2014, 362, 307-312.	2.5	20
144	Characterization of Biocatalysts Prepared with <i>Thermomyces lanuginosus</i> Lipase and Different Silica Precursors, Dried using Aerogel and Xerogel Techniques. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 263-274.	2.9	6

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