Enrique MartÃ-nez de la Ossa

List of Publications by Year
in descending order

153 papers	4,587 citations	101543 36 h-index	133252 59 g-index
155 all docs	155 docs citations	155 times ranked	3779 citing authors

#	Article	IF	Citations
1	Comparison of supercritical fluid and ultrasound-assisted extraction of carotenoids and chlorophyll a from Dunaliella salina. Talanta, 2009, 77, 948-952.	5.5	207
2	Supercritical fluid extraction of carotenoids and chlorophyll a from Nannochloropsis gaditana. Journal of Food Engineering, 2005, 66, 245-251.	5.2	185
3	Supercritical fluid extraction of carotenoids and chlorophyll a from Synechococcus sp.. Journal of Supercritical Fluids, 2007, 39, 323-329.	3.2	155
4	Solubility of the antibiotic Penicillin G in supercritical carbon dioxide. Journal of Supercritical Fluids, 1999, 15, 183-190.	3.2	154
5	Extraction of resveratrol from the pomace of Palomino fino grapes by supercritical carbon dioxide. Journal of Food Engineering, 2010, 96, 304-308.	5.2	128
6	Problems in Supercritical Water Oxidation Process and Proposed Solutions. Industrial & Engineering Chemistry Research, 2013, 52, 7617-7629.	3.7	125
7	Supercritical fluid extraction of tocopherol concentrates from olive tree leaves. Journal of Supercritical Fluids, 2002, 22, 221-228.	3.2	112
8	Extraction of carotenoids and chlorophyll from microalgae with supercritical carbon dioxide and ethanol as cosolvent. Journal of Separation Science, 2008, 31, 1352-1362.	2.5	112
9	Extraction of antioxidant compounds from different varieties of Mangifera indica leaves using green technologies. Journal of Supercritical Fluids, 2012, 72, 168-175.	3.2	95
10	Supercritical water gasification of industrial organic wastes. Journal of Supercritical Fluids, 2008, 46, 329-334.	3.2	93
11	Green Extraction of Antioxidants from Different Varieties of Red Grape Pomace. Molecules, 2015, 20, 9686-9702.	3.8	91
12	Kinetic comparison between subcritical and supercritical water oxidation of phenol. Chemical Engineering Journal, 2001, 81, 287-299.	12.7	88
13	Kinetics of the supercritical fluid extraction of carotenoids from microalgae with CO2 and ethanol as cosolvent. Chemical Engineering Journal, 2009, 150, 104-113.	12.7	74
14	Elimination of cutting oil wastes by promoted hydrothermal oxidation. Journal of Hazardous Materials, 2001, 88, 95-106.	12.4	67
15	Use of high pressure techniques to produce Mangifera indica L. leaf extracts enriched in potent antioxidant phenolic compounds. Innovative Food Science and Emerging Technologies, 2015, 29, 94-106.	5.6	67
16	Pilot-plant scale extraction of phenolic compounds from mango leaves using different green techniques: Kinetic and scale up study. Chemical Engineering Journal, 2016, 299, 420-430.	12.7	61
17	Quality of borage seed oil extracted by liquid and supercritical carbon dioxide. Chemical Engineering Journal, 2002, 88, 103-109.	12.7	60
18	Controlled submicro particle formation of ampicillin by supercritical antisolvent precipitation. Journal of Supercritical Fluids, 2007, 40, 308-316.	3.2	60

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19	Supercritical CO2 Extraction of Î²-Carotene from a Marine Strain of the Cyanobacterium Synechococcus Species. Journal of Agricultural and Food Chemistry, 2005, 53, 9701-9707.	5.2	59
20	Hydrothermal oxidation: Application to the treatment of different cutting fluid wastes. Journal of Hazardous Materials, 2007, 144, 639-644.	12.4	58
21	Effect of the addition of cosolvent on the supercritical fluid extraction of bioactive compounds from Helianthus annuus L.. Journal of Supercritical Fluids, 2007, 41, 43-49.	3.2	53
22	Supercritical impregnation of food packaging films to provide antioxidant properties. Journal of Supercritical Fluids, 2017, 128, 200-207.	3.2	53
23	Kinetics of supercritical water oxidation of isopropanol as an auxiliary fuel and co-fuel. Fuel, 2013, 111, 574-583.	6.4	52
24	Biobased films of nanocellulose and mango leaf extract for active food packaging: Supercritical impregnation versus solvent casting. Food Hydrocolloids, 2021, 117, 106709.	10.7	52
25	Relative Importance of the Operating Conditions Involved in the Formation of Nanoparticles of Ampicillin by Supercritical Antisolvent Precipitation. Industrial & Engineering Chemistry Research, 2007, 46, 114-123.	3.7	50
26	Mangiferin nanoparticles precipitation by supercritical antisolvent process. Journal of Supercritical Fluids, 2016, 112, 44-50.	3.2	49
27	Impregnation of mango leaf extract into a polyester textile using supercritical carbon dioxide. Journal of Supercritical Fluids, 2017, 128, 208-217.	3.2	48
28	Measurement and correlation of solubility of Disperse Blue 14 in supercritical carbon dioxide. Journal of Supercritical Fluids, 2003, 27, 31-37.	3.2	45
29	Generalized kinetic models for supercritical water oxidation of cutting oil wastes. Journal of Supercritical Fluids, 2001, 21, 135-145.	3.2	43
30	Supercritical impregnation of antioxidant mango polyphenols into a multilayer PET/PP food-grade film. Journal of CO2 Utilization, 2018, 25, 56-67.	6.8	43
31	Characterization of olive leaf extract polyphenols loaded by supercritical solvent impregnation into PET/PP food packaging films. Journal of Supercritical Fluids, 2018, 140, 196-206.	3.2	43
32	Supercritical fluid extraction of bioactive compounds from sunflower leaves with carbon dioxide and water on a pilot plant scale. Journal of Supercritical Fluids, 2008, 45, 37-42.	3.2	40
33	Generation of quercetin/cellulose acetate phthalate systems for delivery by supercritical antisolvent process. European Journal of Pharmaceutical Sciences, 2017, 100, 79-86.	4.0	40
34	Precipitation of submicron particles of rutin using supercritical antisolvent process. Journal of Supercritical Fluids, 2016, 118, 1-10.	3.2	39
35	Semi-batch extraction of anthocyanins from red grape pomace in packed beds: experimental results and process modelling. Chemical Engineering Science, 2002, 57, 3831-3838.	3.8	37
36	Particle design applied to quercetin using supercritical anti-solvent techniques. Journal of Supercritical Fluids, 2015, 105, 119-127.	3.2	37

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37	Supercritical Water Oxidation of Oily Wastes at Pilot Plant: Simulation for Energy Recovery. Industrial & Engineering Chemistry Research, 2011, 50, 775-784.	3.7	36
38	Co-precipitation of amoxicillin and ethyl cellulose microparticles by supercritical antisolvent process. Journal of Supercritical Fluids, 2011, 60, 75-80.	3.2	36
39	Characterisation and Process Development of Supercritical Fluid Extraction of Soybean Oil. Food Science and Technology International, 2002, 8, 337-342.	2.2	36
40	A Screening Analysis of the High-Pressure Extraction of Anthocyanins from Red Grape Pomace with Carbon Dioxide and Cosolvent. Engineering in Life Sciences, 2003, 3, 38-42.	3.6	35
41	Kinetics of wet air oxidation of phenol. Chemical Engineering Journal, 1997, 67, 115-121.	12.7	34
42	Processing naproxen with supercritical CO2. Journal of Supercritical Fluids, 2013, 75, 21-29.	3.2	34
43	Isolation of Bioactive Compounds from Sunflower Leaves (Helianthus annuus L.) Extracted with Supercritical Carbon Dioxide. Journal of Agricultural and Food Chemistry, 2015, 63, 6410-6421.	5.2	34
44	Micronization of vanillin by rapid expansion of supercritical solutions process. Journal of CO2 Utilization, 2017, 21, 169-176.	6.8	34
45	Kinetic model for oxygen concentration dependence in the supercritical water oxidation of an industrial wastewater. Chemical Engineering Journal, 2008, 144, 361-367.	12.7	33
46	Extraction of natural compounds with biological activity from sunflower leaves using supercritical carbon dioxide. Chemical Engineering Journal, 2009, 152, 301-306.	12.7	33
47	High Pressure Extraction of Antioxidants from Solanum stenotomun Peel. Molecules, 2013, 18, 3137-3151.	3.8	33
48	Application of a Natural Antioxidant from Grape Pomace Extract in the Development of Bioactive Jute Fibers for Food Packaging. Antioxidants, 2021, 10, 216.	5.1	33
49	Measurement of the diffusion coefficient of a model food dye (malvidin 3,5-diglucoside) in a high pressure CO2+methanol system by the chromatographic peak-broadening technique. Journal of Supercritical Fluids, 2003, 25, 57-68.	3.2	32
50	Supercritical water oxidation of flammable industrial wastewaters: economic perspectives of an industrial plant. Journal of Chemical Technology and Biotechnology, 2011, 86, 1049-1057.	3.2	32
51	Solubility estimations for Disperse Blue 14 in supercritical carbon dioxide. Dyes and Pigments, 2005, 67, 167-173.	3.7	31
52	Polymer and ampicillin co-precipitation by supercritical antisolvent process. Journal of Supercritical Fluids, 2012, 63, 92-98.	3.2	31
53	Precipitation of antioxidant fine particles from Olea europaea leaves using supercritical antisolvent process. Journal of Supercritical Fluids, 2015, 97, 125-132.	3.2	31
54	Wet air oxidation of oily wastes generated aboard ships: kinetic modeling. Journal of Hazardous Materials, 1999, 67, 61-73.	12.4	29

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55	Generation of microparticles of ellagic acid by supercritical antisolvent process. Journal of Supercritical Fluids, 2016, 116, 101-110.	3.2	29
56	Ibuprofenâ€“polymer precipitation using supercritical CO2 at low temperature. Journal of Supercritical Fluids, 2014, 94, 91-101.	3.2	28
57	Screening design of experiment applied to supercritical antisolvent precipitation of amoxicillin: Exploring new miscible conditions. Journal of Supercritical Fluids, 2010, 51, 399-403.	3.2	27
58	Supercritical impregnation of olive leaf extract to obtain bioactive films effective in cherry tomato preservation. Food Packaging and Shelf Life, 2019, 21, 100338.	7.5	27
59	Polymerâ€“naproxen precipitation by supercritical antisolvent (SAS) process. Journal of Supercritical Fluids, 2014, 89, 58-67.	3.2	26
60	Selective fractionation and isolation of allelopathic compounds from Helianthus annuus L. leaves by means of high-pressure techniques. Journal of Supercritical Fluids, 2019, 143, 32-41.	3.2	26
61	Binary and ternary phase behaviour of the system water-ethanol-carbon dioxide. Fluid Phase Equilibria, 1990, 56, 325-340.	2.5	25
62	Determination of cholesterol in milk fat by supercritical fluid chromatography. Journal of Chromatography A, 1995, 715, 333-336.	3.7	24
63	Supercritical CO2 precipitation of poly(l-lactic acid) in a wide range of miscibility. Journal of Supercritical Fluids, 2013, 81, 236-244.	3.2	24
64	Precipitation of mango leaves antioxidants by supercritical antisolvent process. Journal of Supercritical Fluids, 2017, 128, 218-226.	3.2	24
65	Production of submicron particles of the antioxidants of mango leaves/PVP by supercritical antisolvent extraction process. Journal of Supercritical Fluids, 2019, 143, 294-304.	3.2	23
66	Wet air oxidation of long-chain carboxylic acids. Chemical Engineering Journal, 2004, 100, 43-50.	12.7	22
67	Simulation of Real Wastewater Supercritical Water Oxidation at High Concentration on a Pilot Plant Scale. Industrial & Engineering Chemistry Research, 2011, 50, 12512-12520.	3.7	22
68	Natural antioxidant fine particles recovery from Eucalyptus globulus leaves using supercritical carbon dioxide assisted processes. Journal of Supercritical Fluids, 2015, 101, 161-169.	3.2	22
69	Development of cotton fabric impregnated with antioxidant mango polyphenols by means of supercritical fluids. Journal of Supercritical Fluids, 2018, 140, 310-319.	3.2	22
70	Supercritical CO2 impregnation of silica microparticles with quercetin. Journal of Supercritical Fluids, 2019, 143, 157-161.	3.2	21
71	Dynamic supercritical CO2 extraction for removal of cholesterol from anhydrous milk fat. International Journal of Food Science and Technology, 1996, 31, 143-151.	2.7	20
72	Supercritical fluid extraction of borage (Borago officinalis L.) seeds with pure CO2 and its mixture with caprylic acid methyl ester. Journal of Supercritical Fluids, 2002, 22, 211-219.	3.2	20

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73	Supercritical Antisolvent Precipitation of Ampicillin in Complete Miscibility Conditions. Industrial & Engineering Chemistry Research, 2011, 50, 2343-2347.	3.7	20
74	Exploring High Operating Conditions in the Ibuprofen Precipitation by Rapid Expansion of Supercritical Solutions Process. Industrial & Engineering Chemistry Research, 2014, 53, 474-480.	3.7	20
75	Supercritical water gasification: a patents review. Reviews in Chemical Engineering, 2017, 33, .	4.4	20
76	Hydrogen production by catalytic conversion of olive mill wastewater in supercritical water. Journal of Supercritical Fluids, 2018, 141, 224-229.	3.2	20
77	Co-precipitation of mangiferin with cellulose acetate phthalate by Supercritical antisolvent process. Journal of CO2 Utilization, 2017, 22, 197-207.	6.8	19
78	Supercritical Fluidâ^'Solid Phase Equilibria Calculations by Cubic Equations of State and Empirical Equations:â€‰ Application to the Palmitic Acid + Carbon Dioxide System. Journal of Chemical & Engineering Data, 2004, 49, 435-438.	1.9	18
79	Effect of the pre-treatment of the samples on the natural substances extraction from L. using supercritical carbon dioxide. Talanta, 2005, 67, 175-181.	5.5	18
80	On the Selection of Limiting Hydrodynamic Conditions for the Supercritical AntiSolvent (SAS) Process. Industrial & Engineering Chemistry Research, 2009, 48, 9224-9232.	3.7	18
81	Kinetics and Mathematical Modeling of Anthocyanin Extraction with Carbon Dioxide and Methanol at High Pressure. Separation Science and Technology, 2003, 38, 3689-3712.	2.5	17
82	Thermodynamic modelling of supercritical fluidâ€“solid phase equilibrium data. Computers and Chemical Engineering, 2005, 29, 1885-1890.	3.8	17
83	New feed system for water-insoluble organic and/or highly concentrated wastewaters in the supercritical water oxidation process. Journal of Supercritical Fluids, 2012, 72, 263-269.	3.2	17
84	Quality of Cosmetic Argan Oil Extracted by Supercritical Fluid Extraction fromArgania spinosaL.. Journal of Chemistry, 2013, 2013, 1-9.	1.9	17
85	Generation of potent antioxidant nanoparticles from mango leaves by supercritical antisolvent extraction. Journal of Supercritical Fluids, 2018, 138, 92-101.	3.2	17
86	Foaming of Polycaprolactone and Its Impregnation with Quercetin Using Supercritical CO2. Polymers, 2019, 11, 1390.	4.5	17
87	Screening design of experiment applied to supercritical antisolvent precipitation of amoxicillin. Journal of Supercritical Fluids, 2008, 44, 230-237.	3.2	16
88	Screening design of experiment applied to the supercritical antisolvent precipitation of quercetin. Journal of Supercritical Fluids, 2015, 104, 10-18.	3.2	16
89	Effect of supercritical CO2 and olive leaf extract on the structural, thermal and mechanical properties of an impregnated food packaging film. Journal of Supercritical Fluids, 2019, 145, 181-191.	3.2	16
90	Analysis of the Supercritical Water Gasification of Cellulose in a Continuous System Using Short Residence Times. Applied Sciences (Switzerland), 2020, 10, 5185.	2.5	16

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91	Remediation of PAH spiked soils: Concentrated H2O2 treatment/continuous hot water extractionâ€“oxidation. Journal of Hazardous Materials, 2009, 168, 1359-1365.	12.4	15
92	Selective antitumoural action of pressurized mango leaf extracts against minimally and highly invasive breast cancer. Food and Function, 2017, 8, 3610-3620.	4.6	15
93	Supercritical Impregnation of Ketoprofen into Polylactic Acid for Biomedical Application: Analysis and Modeling of the Release Kinetic. Polymers, 2021, 13, 1982.	4.5	15
94	Supercritical Impregnation of PLA Filaments with Mango Leaf Extract to Manufacture Functionalized Biomedical Devices by 3D Printing. Polymers, 2021, 13, 2125.	4.5	15
95	Potential allelopathic of the fractions obtained from sunflower leaves using supercritical carbon dioxide. Journal of Supercritical Fluids, 2011, 60, 28-37.	3.2	14
96	Impregnation of mesoporous silica with mangiferin using supercritical CO2. Journal of Supercritical Fluids, 2018, 140, 129-136.	3.2	14
97	Anaerobic digestion kinetics of wine-distilleries wastewaters. Journal of Chemical Technology and Biotechnology, 2007, 45, 147-162.	3.2	13
98	Silica microparticles precipitation by two processes using supercritical fluids. Journal of Supercritical Fluids, 2013, 75, 88-93.	3.2	13
99	A Semiempirical Equation for Vaporâ^'Liquid Equilibrium in Waterâ^'Acetic Acidâ^'Calcium Chloride Systems. Journal of Chemical & Engineering Data, 2001, 46, 188-192.	1.9	12
100	Estimation of the diffusion coefficient of a model food dye (malvidin 3,5-diglucoside) in a high pressure CO2+methanol system. Journal of Supercritical Fluids, 2004, 29, 165-173.	3.2	12
101	Supercritical CO2 extraction of PAHs on spiked soil. Journal of Hazardous Materials, 2009, 162, 777-784.	12.4	12
102	Fractionation of Mangifera indica Linn polyphenols by reverse phase supercritical fluid chromatography (RP-SFC) at pilot plant scale. Journal of Supercritical Fluids, 2014, 95, 444-456.	3.2	12
103	Helikaurolides Aâ€“D with a Diterpene-Sesquiterpene Skeleton from Supercritical Fluid Extracts of Helianthus annuus L. var. Arianna. Organic Letters, 2015, 17, 4730-4733.	4.6	12
104	Use of supercritical methanol/carbon dioxide mixtures for biodiesel production. Korean Journal of Chemical Engineering, 2016, 33, 2342-2349.	2.7	12
105	Precipitation of powerful antioxidant nanoparticles from orange leaves by means of supercritical CO2. Journal of CO2 Utilization, 2019, 31, 235-243.	6.8	12
106	Supercritical Antisolvent Precipitation of Ethyl Cellulose. Particulate Science and Technology, 2012, 30, 424-430.	2.1	11
107	Preparation of polyphenol fine particles potent antioxidants by a supercritical antisolvent process using different extracts of Olea europaea leaves. Korean Journal of Chemical Engineering, 2016, 33, 594-602.	2.7	11
108	Temperature control in a supercritical water oxidation reactor: Assessing strategies for highly concentrated wastewaters. Journal of Supercritical Fluids, 2017, 119, 72-80.	3.2	11

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109	Hydrothermal Oxidation of Oily Wastes: an Alternative to Conventional Treatment Methods. Engineering in Life Sciences, 2003, 3, 85-89.	3.6	10
110	Kinetics and Mechanism of Wet Air Oxidation of Butyric Acid. Industrial & Engineering Chemistry Research, 2006, 45, 4117-4122.	3.7	10
111	Simulation of supercritical water oxidation reactor in transitory state: Application to time-dependent processes. Journal of Supercritical Fluids, 2016, 117, 219-229.	3.2	10
112	Vaporâ˜Liquid Equilibrium of the Ethanol + 2-Methyl-1-butanol System. Journal of Chemical & Engineering Data, 2003, 48, 14-17.	1.9	9
113	SFE kinetics of bioactive compounds fromHelianthus annuusL.. Journal of Separation Science, 2009, 32, 1445-1453.	2.5	9
114	Supercritical Water Oxidation for Wastewater Destruction with Energy Recovery. , 2014, , 181-190.		9
115	Determining the Optimal Conditions for the Production by Supercritical CO2 of Biodegradable PLGA Foams for the Controlled Release of Rutin as a Medical Treatment. Polymers, 2021, 13, 1645.	4.5	9
116	Supercritical Antisolvent Process Applied to the Pharmaceutical Industry. Particulate Science and Technology, 2010, 28, 262-266.	2.1	8
117	Amoxicillin and Ethyl Cellulose Precipitation by Two Supercritical Antisolvent Processes. Chemical Engineering and Technology, 2013, 36, 665-672.	1.5	8
118	Polymer encapsulation of amoxicillin microparticles by SAS process. Journal of Microencapsulation, 2014, 31, 16-22.	2.8	8
119	Filter Cake Oil-Wax as Raw Material for the Production of Biodiesel: Analysis of the Extraction Process and the Transesterification Reaction. Journal of Chemistry, 2015, 2015, 1-9.	1.9	8
120	Supercritical solvent impregnation of alginate wound dressings with mango leaves extract. Journal of Supercritical Fluids, 2021, 178, 105357.	3.2	8
121	Health-Promoting Properties of Borage Seed Oil Fractionated by Supercritical Carbon Dioxide Extraction. Foods, 2021, 10, 2471.	4.3	8
122	New Insights into Acrylic Polymer Precipitation by Supercritical Fluids. Chemical Engineering and Technology, 2014, 37, 141-148.	1.5	7
123	Supercritical Water Oxidation. , 2018, , 333-358.		7
124	An Attempt to Optimize Supercritical CO2 Polyaniline-Polycaprolactone Foaming Processes to Produce Tissue Engineering Scaffolds. Polymers, 2022, 14, 488.	4.5	7
125	Application of Citrus By-Products in the Production of Active Food Packaging. Antioxidants, 2022, 11, 738.	5.1	7
126	A comparative analysis on the impregnation efficiency of a natural insecticide into polypropylene films by means of batch against semi-continuous techniques using CO2 as solvent. Journal of Supercritical Fluids, 2021, 169, 105127.	3.2	6

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127	Co-precipitation of fluorescein with extracts of mango leaves by supercritical antisolvent process. Journal of Supercritical Fluids, 2020, 162, 104857.	3.2	5
128	Development of functionalized alginate dressing with mango polyphenols by supercritical technique to be employed as an antidiabetic transdermal system. Journal of Supercritical Fluids, 2021, 175, 105274.	3.2	5
129	Effect of Addition of Calcium Chloride on Vapor Pressure of 2-Methyl-1-butanol. Journal of Chemical & Engineering Data, 2004, 49, 407-410.	1.9	4
130	REVIEW OF THE MAIN METHODS OF CRITICAL PARAMETER ESTIMATION: APPLICATION TO THE CORRELATION OF PALMITIC ACID / SUPERCRITICAL CARBON DIOXIDE PHASE EQUILIBRIUM DATA. Reviews in Chemical Engineering, 2005, 21, .	4.4	4
131	Simulation of Supercritical Water Oxidation with Air at Pilot Plant Scale. International Journal of Chemical Reactor Engineering, 2010, 8, .	1.1	4
132	Oxidant Multi-Injection in Supercritical Water Oxidation of Wastewaters. Procedia Engineering, 2012, 42, 1326-1334.	1.2	4
133	Allelopathic properties of the fractions obtained from sunflower leaves using supercritical carbon dioxide: The effect of co-solvent addition. Journal of Supercritical Fluids, 2013, 82, 221-229.	3.2	4
134	Supercritical Water Gasification of Organic Wastes for Energy Generation. , 2014, , 191-200.		4
135	Low power static-heating start-up procedure for supercritical water oxidation plants. Journal of Supercritical Fluids, 2018, 135, 218-224.	3.2	4
136	New insights into the formation of submicron silica particles using CO2 as anti-solvent. Journal of Supercritical Fluids, 2018, 133, 218-224.	3.2	4
137	Synthesis of Micro- and Nanoparticles in Sub- and Supercritical Water: From the Laboratory to Larger Scales. Applied Sciences (Switzerland), 2020, 10, 5508.	2.5	4
138	Valorization of unripe papaya for pectin recovery by conventional extraction and compressed fluids. Journal of Supercritical Fluids, 2021, 171, 105133.	3.2	4
139	Development of Porous Polyvinyl Acetate/Polypyrrole/Gallic Acid Scaffolds Using Supercritical CO2 as Tissue Regenerative Agents. Polymers, 2022, 14, 672.	4.5	4
140	Ethanol + 2-Methyl-1-butanol + Calcium Chloride System:Â Vaporâ"Liquid Equilibrium Data and Correlation Using the NRTL Electrolyte Model. Journal of Chemical & Engineering Data, 2007, 52, 458-462.	1.9	3
141	Identification of Major Compounds Extracted by Supercritical Fluids from Helianthus Annuus L Leaves. Solvent Extraction Research and Development, 2011, 18, 55-68.	0.4	3
142	Effect of the Heating Rate to Prevent the Generation of Iron Oxides during the Hydrothermal Synthesis of LiFePO4. Nanomaterials, 2021, 11, 2412.	4.1	3
143	Co-precipitation of grape residue extract using sub- and supercritical CO2 technology. Journal of CO2 Utilization, 2022, 61, 102010.	6.8	3
144	Deposition of CAP/Antioxidants Systems on Silica Particles Using the Supercritical Antisolvent Process. Applied Sciences (Switzerland), 2020, 10, 4576.	2.5	2

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145	Potential Use of Annona Genus Plants Leaf Extracts to Produce Bioactive Transdermal Patches by Supercritical Solvent Impregnation. Antioxidants, 2021, 10, 1196.	5.1	2
146	Aerobic treatment of wine-distillery wastewaters. Bulletin of Environmental Contamination and Toxicology, 1987, 38, 9-14.	2.7	1
147	Mean Aspects Controlling Supercritical CO2 Precipitation Processes. , 2019, , .		1
148	Study by NMR of Liquid-Phase Alkylation of Toluene with Hex-1-ene: Effect of Catalyst on Selectivity. Petroleum Chemistry, 2020, 60, 810-817.	1.4	1
149	Selective Ring Opening of Ethylbenzene on Bifunctional Catalyst Ptâ€“Ir over Hierarchical USY Zeolite. Petroleum Chemistry, 2020, 60, 104-112.	1.4	1
150	FoamingÂ+ÂImpregnation One-Step Process Using Supercritical CO2. , 2020, , .		0
151	Depressurization System by Coiled Pipes Applied to a High Pressure Process: Experimental Results and Modeling. Open Chemical Engineering Journal, 2017, 11, 17-32.	0.5	0
152	Hybridization of supercritical water oxidation and gasification processes at pilot plant scale. Journal of Supercritical Fluids, 2022, 186, 105609.	3.2	0
153	Supercritical Extraction of a Natural Pyrethrin-Rich Extract from Chrysanthemum Cinerariifolium Flowers to Be Impregnated into Polypropylene Films Intended for Agriculture Applications. AppliedChem, 2022, 2, 106-116.	1.0	0