

Lourdes Casas Cardoso

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

888
citations

17
h-index

29
g-index

51
ext. papers

1,090
ext. citations

5.2
avg, IF

4.14
L-index

#	Paper	IF	Citations
42	Extraction of resveratrol from the pomace of Palomino fino grapes by supercritical carbon dioxide. <i>Journal of Food Engineering</i> , 2010 , 96, 304-308	6	102
41	Extraction of antioxidant compounds from different varieties of <i>Mangifera indica</i> leaves using green technologies. <i>Journal of Supercritical Fluids</i> , 2012 , 72, 168-175	4.2	84
40	Green extraction of antioxidants from different varieties of red grape pomace. <i>Molecules</i> , 2015 , 20, 9686-9702	4.8	63
39	Use of high pressure techniques to produce <i>Mangifera indica</i> L. leaf extracts enriched in potent antioxidant phenolic compounds. <i>Innovative Food Science and Emerging Technologies</i> , 2015 , 29, 94-106	6.8	50
38	Pilot-plant scale extraction of phenolic compounds from mango leaves using different green techniques: Kinetic and scale up study. <i>Chemical Engineering Journal</i> , 2016 , 299, 420-430	14.7	50
37	Effect of the addition of cosolvent on the supercritical fluid extraction of bioactive compounds from <i>Helianthus annuus</i> L.. <i>Journal of Supercritical Fluids</i> , 2007 , 41, 43-49	4.2	48
36	Supercritical fluid extraction of bioactive compounds from sunflower leaves with carbon dioxide and water on a pilot plant scale. <i>Journal of Supercritical Fluids</i> , 2008 , 45, 37-42	4.2	36
35	Impregnation of mango leaf extract into a polyester textile using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2017 , 128, 208-217	4.2	33
34	Particle design applied to quercetin using supercritical anti-solvent techniques. <i>Journal of Supercritical Fluids</i> , 2015 , 105, 119-127	4.2	30
33	Extraction of natural compounds with biological activity from sunflower leaves using supercritical carbon dioxide. <i>Chemical Engineering Journal</i> , 2009 , 152, 301-306	14.7	29
32	High pressure extraction of antioxidants from <i>Solanum stenotomun</i> peel. <i>Molecules</i> , 2013 , 18, 3137-51	4.8	27
31	Long-Term Mangiferin Extract Treatment Improves Central Pathology and Cognitive Deficits in APP/PS1 Mice. <i>Molecular Neurobiology</i> , 2017 , 54, 4696-4704	6.2	26
30	Isolation of Bioactive Compounds from Sunflower Leaves (<i>Helianthus annuus</i> L.) Extracted with Supercritical Carbon Dioxide. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 6410-21	5.7	25
29	Supercritical impregnation of antioxidant mango polyphenols into a multilayer PET/PP food-grade film. <i>Journal of CO2 Utilization</i> , 2018 , 25, 56-67	7.6	25
28	Precipitation of antioxidant fine particles from <i>Olea europaea</i> leaves using supercritical antisolvent process. <i>Journal of Supercritical Fluids</i> , 2015 , 97, 125-132	4.2	24
27	Biobased films of nanocellulose and mango leaf extract for active food packaging: Supercritical impregnation versus solvent casting. <i>Food Hydrocolloids</i> , 2021 , 117, 106709	10.6	21
26	Mango leaf extract improves central pathology and cognitive impairment in a type 2 diabetes mouse model. <i>Brain Pathology</i> , 2017 , 27, 499-507	6	19

25	Effect of the pre-treatment of the samples on the natural substances extraction from <i>Helianthus annuus</i> L. using supercritical carbon dioxide. <i>Talanta</i> , 2005 , 67, 175-81	6.2	17
24	Natural antioxidant fine particles recovery from <i>Eucalyptus globulus</i> leaves using supercritical carbon dioxide assisted processes. <i>Journal of Supercritical Fluids</i> , 2015 , 101, 161-169	4.2	16
23	Development of cotton fabric impregnated with antioxidant mango polyphenols by means of supercritical fluids. <i>Journal of Supercritical Fluids</i> , 2018 , 140, 310-319	4.2	15
22	Selective fractionation and isolation of allelopathic compounds from <i>Helianthus annuus</i> L. leaves by means of high-pressure techniques. <i>Journal of Supercritical Fluids</i> , 2019 , 143, 32-41	4.2	15
21	Generation of potent antioxidant nanoparticles from mango leaves by supercritical antisolvent extraction. <i>Journal of Supercritical Fluids</i> , 2018 , 138, 92-101	4.2	13
20	Quality of Cosmetic Argan Oil Extracted by Supercritical Fluid Extraction from <i>Argania spinosa</i> L.. <i>Journal of Chemistry</i> , 2013 , 2013, 1-9	2.3	13
19	Potential allelopathic of the fractions obtained from sunflower leaves using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2011 , 60, 28-37	4.2	13
18	Fractionation of <i>Mangifera indica</i> Linn polyphenols by reverse phase supercritical fluid chromatography (RP-SFC) at pilot plant scale. <i>Journal of Supercritical Fluids</i> , 2014 , 95, 444-456	4.2	11
17	Selective antitumoural action of pressurized mango leaf extracts against minimally and highly invasive breast cancer. <i>Food and Function</i> , 2017 , 8, 3610-3620	6.1	10
16	Use of supercritical methanol/carbon dioxide mixtures for biodiesel production. <i>Korean Journal of Chemical Engineering</i> , 2016 , 33, 2342-2349	2.8	10
15	SFE kinetics of bioactive compounds from <i>Helianthus annuus</i> L. <i>Journal of Separation Science</i> , 2009 , 32, 1445-53	3.4	9
14	Application of a Natural Antioxidant from Grape Pomace Extract in the Development of Bioactive Jute Fibers for Food Packaging. <i>Antioxidants</i> , 2021 , 10,	7.1	9
13	Preparation of polyphenol fine particles potent antioxidants by a supercritical antisolvent process using different extracts of <i>Olea europaea</i> leaves. <i>Korean Journal of Chemical Engineering</i> , 2016 , 33, 594-602	2.8	7
12	Supercritical Fluid Extraction 2013 , 79-100		6
11	Helikaurolides A-D with a Diterpene-Sesquiterpene Skeleton from Supercritical Fluid Extracts of <i>Helianthus annuus</i> L. var. <i>Arianna</i> . <i>Organic Letters</i> , 2015 , 17, 4730-3	6.2	5
10	Usage of supercritical fluid techniques to obtain bioactive alkaloid-rich extracts from cherimoya peel and leaves: extract profiles and their correlation with antioxidant properties and acetylcholinesterase and β -glucosidase inhibitory activities. <i>Food and Function</i> , 2020 , 11, 4224-4235	6.1	5
9	Allelopathic properties of the fractions obtained from sunflower leaves using supercritical carbon dioxide: The effect of co-solvent addition. <i>Journal of Supercritical Fluids</i> , 2013 , 82, 221-229	4.2	3
8	Filter Cake Oil-Wax as Raw Material for the Production of Biodiesel: Analysis of the Extraction Process and the Transesterification Reaction. <i>Journal of Chemistry</i> , 2015 , 2015, 1-9	2.3	3

7	Identification of Major Compounds Extracted by Supercritical Fluids from Helianthus Annuus L Leaves. <i>Solvent Extraction Research and Development</i> , 2011 , 18, 55-68	0.7	2
6	Supercritical Impregnation of Ketoprofen into Polylactic Acid for Biomedical Application: Analysis and Modeling of the Release Kinetic. <i>Polymers</i> , 2021 , 13,	4.5	2
5	Supercritical Impregnation of PLA Filaments with Mango Leaf Extract to Manufacture Functionalized Biomedical Devices by 3D Printing. <i>Polymers</i> , 2021 , 13,	4.5	2
4	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. <i>Journal of Supercritical Fluids</i> , 2021 , 169, 105127	4.2	2
3	Valorization of unripe papaya for pectin recovery by conventional extraction and compressed fluids. <i>Journal of Supercritical Fluids</i> , 2021 , 171, 105133	4.2	1
2	Development of functionalized alginate dressing with mango polyphenols by supercritical technique to be employed as an antidiabetic transdermal system. <i>Journal of Supercritical Fluids</i> , 2021 , 175, 105274	4.2	1
1	Pro-Angiogenic Effects of Natural Antioxidants Extracted from Mango Leaf, Olive Leaf and Red Grape Pomace over Endothelial Colony-Forming Cells. <i>Antioxidants</i> , 2022 , 11, 851	7.1	0