

# Lourdes Casas Cardoso

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7795461/lourdes-casas-cardoso-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Pro-Angiogenic Effects of Natural Antioxidants Extracted from Mango Leaf, Olive Leaf and Red Grape Pomace over Endothelial Colony-Forming Cells. <i>Antioxidants</i> , <b>2022</b> , 11, 851	7.1	0
41	Supercritical Impregnation of Ketoprofen into Polylactic Acid for Biomedical Application: Analysis and Modeling of the Release Kinetic. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
40	Supercritical Impregnation of PLA Filaments with Mango Leaf Extract to Manufacture Functionalized Biomedical Devices by 3D Printing. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
39	Valorization of unripe papaya for pectin recovery by conventional extraction and compressed fluids. <i>Journal of Supercritical Fluids</i> , <b>2021</b> , 171, 105133	4.2	1
38	Application of a Natural Antioxidant from Grape Pomace Extract in the Development of Bioactive Jute Fibers for Food Packaging. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	9
37	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> , <b>2021</b> , 169, 105127	4.2	2
36	Biobased films of nanocellulose and mango leaf extract for active food packaging: Supercritical impregnation versus solvent casting. <i>Food Hydrocolloids</i> , <b>2021</b> , 117, 106709	10.6	21
35	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> , <b>2021</b> , 175, 105274	4.2	1
34	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 $\alpha$ -glucosidase inhibitory activities. <i>Food and Function</i> , <b>2020</b> , 11, 4224-4235	6.1	5
33	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> , <b>2019</b> , 143, 32-41	4.2	15
32	Generation of potent antioxidant nanoparticles from mango leaves by supercritical antisolvent extraction. <i>Journal of Supercritical Fluids</i> , <b>2018</b> , 138, 92-101	4.2	13
31	Supercritical impregnation of antioxidant mango polyphenols into a multilayer PET/PP food-grade film. <i>Journal of CO2 Utilization</i> , <b>2018</b> , 25, 56-67	7.6	25
30	Development of cotton fabric impregnated with antioxidant mango polyphenols by means of supercritical fluids. <i>Journal of Supercritical Fluids</i> , <b>2018</b> , 140, 310-319	4.2	15
29	Impregnation of mango leaf extract into a polyester textile using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , <b>2017</b> , 128, 208-217	4.2	33
28	Selective antitumoural action of pressurized mango leaf extracts against minimally and highly invasive breast cancer. <i>Food and Function</i> , <b>2017</b> , 8, 3610-3620	6.1	10
27	Mango leaf extract improves central pathology and cognitive impairment in a type 2 diabetes mouse model. <i>Brain Pathology</i> , <b>2017</b> , 27, 499-507	6	19
26	Long-Term Mangiferin Extract Treatment Improves Central Pathology and Cognitive Deficits in APP/PS1 Mice. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 4696-4704	6.2	26

25	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> , <b>2016</b> , 33, 594-602	2.8	7
24	Pilot-plant scale extraction of phenolic compounds from mango leaves using different green techniques: Kinetic and scale up study. <i>Chemical Engineering Journal</i> , <b>2016</b> , 299, 420-430	14.7	50
23	Use of supercritical methanol/carbon dioxide mixtures for biodiesel production. <i>Korean Journal of Chemical Engineering</i> , <b>2016</b> , 33, 2342-2349	2.8	10
22	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> , <b>2015</b> , 63, 6410-21	5.7	25
21	Particle design applied to quercetin using supercritical anti-solvent techniques. <i>Journal of Supercritical Fluids</i> , <b>2015</b> , 105, 119-127	4.2	30
20	Natural antioxidant fine particles recovery from <i>Eucalyptus globulus</i> leaves using supercritical carbon dioxide assisted processes. <i>Journal of Supercritical Fluids</i> , <b>2015</b> , 101, 161-169	4.2	16
19	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> , <b>2015</b> , 29, 94-106	6.8	50
18	Helikaurolicides A-D with a Diterpene-Sesquiterpene Skeleton from Supercritical Fluid Extracts of <i>Helianthus annuus</i> L. var. Arianna. <i>Organic Letters</i> , <b>2015</b> , 17, 4730-3	6.2	5
17	Precipitation of antioxidant fine particles from <i>Olea europaea</i> leaves using supercritical antisolvent process. <i>Journal of Supercritical Fluids</i> , <b>2015</b> , 97, 125-132	4.2	24
16	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> , <b>2015</b> , 2015, 1-9	2.3	3
15	Green extraction of antioxidants from different varieties of red grape pomace. <i>Molecules</i> , <b>2015</b> , 20, 9686-9702	4.8	63
14	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> , <b>2014</b> , 95, 444-456	4.2	11
13	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> , <b>2013</b> , 82, 221-229	4.2	3
12	Quality of Cosmetic Argan Oil Extracted by Supercritical Fluid Extraction from <i>Argania spinosa</i> L.. <i>Journal of Chemistry</i> , <b>2013</b> , 2013, 1-9	2.3	13
11	Supercritical Fluid Extraction <b>2013</b> , 79-100		6
10	High pressure extraction of antioxidants from <i>Solanum stenotomum</i> peel. <i>Molecules</i> , <b>2013</b> , 18, 3137-51	4.8	27
9	Extraction of antioxidant compounds from different varieties of <i>Mangifera indica</i> leaves using green technologies. <i>Journal of Supercritical Fluids</i> , <b>2012</b> , 72, 168-175	4.2	84
8	Identification of Major Compounds Extracted by Supercritical Fluids from <i>Helianthus Annuus</i> L Leaves. <i>Solvent Extraction Research and Development</i> , <b>2011</b> , 18, 55-68	0.7	2

7	Potential allelopathic of the fractions obtained from sunflower leaves using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , <b>2011</b> , 60, 28-37	4.2	13
6	Extraction of resveratrol from the pomace of Palomino fino grapes by supercritical carbon dioxide. <i>Journal of Food Engineering</i> , <b>2010</b> , 96, 304-308	6	102
5	SFE kinetics of bioactive compounds from <i>Helianthus annuus</i> L. <i>Journal of Separation Science</i> , <b>2009</b> , 32, 1445-53	3.4	9
4	Extraction of natural compounds with biological activity from sunflower leaves using supercritical carbon dioxide. <i>Chemical Engineering Journal</i> , <b>2009</b> , 152, 301-306	14.7	29
3	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> , <b>2008</b> , 45, 37-42	4.2	36
2	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> , <b>2007</b> , 41, 43-49	4.2	48
1	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> , <b>2005</b> , 67, 175-81	6.2	17