

Clara C Grosso

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.

49
papers

1,379
citations

23
h-index

36
g-index

52
ext. papers

1,562
ext. citations

4.4
avg, IF

4.48
L-index

#	Paper	IF	Citations
49	Alternative and efficient extraction methods for marine-derived compounds. <i>Marine Drugs</i> , 2015 , 13, 3182-230	6	123
48	Supercritical carbon dioxide extraction of volatile oil from Italian coriander seeds. <i>Food Chemistry</i> , 2008 , 111, 197-203	8.5	103
47	In vitro studies to assess the antidiabetic, anti-cholinesterase and antioxidant potential of <i>Spergularia rubra</i> . <i>Food Chemistry</i> , 2011 , 129, 454-462	8.5	79
46	Phenolic profile, antioxidant activity and enzyme inhibitory activities of extracts from aromatic plants used in Mediterranean diet. <i>Journal of Food Science and Technology</i> , 2017 , 54, 219-227	3.3	64
45	The use of flavonoids in central nervous system disorders. <i>Current Medicinal Chemistry</i> , 2013 , 20, 4694-7193	4.9	60
44	Composition and antioxidant activity of <i>Thymus vulgaris</i> volatiles: comparison between supercritical fluid extraction and hydrodistillation. <i>Journal of Separation Science</i> , 2010 , 33, 2211-8	3.4	56
43	Optimization of the recovery of high-value compounds from pitaya fruit by-products using microwave-assisted extraction. <i>Food Chemistry</i> , 2017 , 230, 463-474	8.5	48
42	Phytochemical profile and anticholinesterase and antimicrobial activities of supercritical versus conventional extracts of <i>Satureja montana</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 11557-63	5.7	48
41	Supercritical fluid extraction and hydrodistillation for the recovery of bioactive compounds from <i>Lavandula viridis</i> L. <i>Food Chemistry</i> , 2012 , 135, 112-121	8.5	47
40	Herbicidal activity of volatiles from coriander, winter savory, cotton lavender, and thyme isolated by hydrodistillation and supercritical fluid extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 11007-13	5.7	45
39	Inhibition of α -glucosidase and α -amylase by Spanish extra virgin olive oils: The involvement of bioactive compounds other than oleuropein and hydroxytyrosol. <i>Food Chemistry</i> , 2017 , 235, 298-307	8.5	43
38	α -Glucosidase and α -amylase inhibitors from <i>Myrcia</i> spp.: a stronger alternative to acarbose?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 118, 322-327	3.5	43
37	Approach to the study of C-glycosyl flavones acylated with aliphatic and aromatic acids from <i>Spergularia rubra</i> by high-performance liquid chromatography-photodiode array detection/electrospray ionization multi-stage mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 700-12	2.2	42
36	Mathematical modelling of supercritical CO ₂ extraction of volatile oils from aromatic plants. <i>Chemical Engineering Science</i> , 2010 , 65, 3579-3590	4.4	40
35	Enrichment of the thymoquinone content in volatile oil from <i>Satureja montana</i> using supercritical fluid extraction. <i>Journal of Separation Science</i> , 2009 , 32, 328-34	3.4	38
34	Ellagic acid and derivatives from <i>Cochlospermum angolensis</i> Welw. Extracts: HPLC-DAD-ESI/MS(n) profiling, quantification and in vitro anti-depressant, anti-cholinesterase and anti-oxidant activities. <i>Phytochemical Analysis</i> , 2013 , 24, 534-40	3.4	37
33	Coupling of a high-resolution monoamine oxidase-A inhibitor assay and HPLC-SPE-NMR for advanced bioactivity profiling of plant extracts. <i>Phytochemical Analysis</i> , 2013 , 24, 141-7	3.4	37

32	Functionalized liposomes and phytosomes loading <i>Annona muricata</i> L. aqueous extract: Potential nanoshuttles for brain-delivery of phenolic compounds. <i>Phytomedicine</i> , 2018 , 42, 233-244	6.5	35
31	Chemical profiling and biological screening of <i>Thymus lotocephalus</i> extracts obtained by supercritical fluid extraction and hydrodistillation. <i>Industrial Crops and Products</i> , 2012 , 36, 246-256	5.9	32
30	Antioxidant activities of the supercritical and conventional <i>Satureja montana</i> extracts. <i>Journal of Food Science</i> , 2009 , 74, C713-7	3.4	30
29	Flavonoids in Neurodegeneration: Limitations and Strategies to Cross CNS Barriers. <i>Current Medicinal Chemistry</i> , 2016 , 23, 4151-4174	4.3	27
28	Box-Behnken factorial design to obtain a phenolic-rich extract from the aerial parts of <i>Chelidonium majus</i> L. <i>Talanta</i> , 2014 , 130, 128-36	6.2	26
27	Chemical composition and biological screening of <i>Capsella bursa-pastoris</i> . <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 635-643	2	25
26	Bioactive marine drugs and marine biomaterials for brain diseases. <i>Marine Drugs</i> , 2014 , 12, 2539-89	6	23
25	Comprehensive review on the interaction between natural compounds and brain receptors: Benefits and toxicity. <i>European Journal of Medicinal Chemistry</i> , 2019 , 174, 87-115	6.8	21
24	Comparing the phenolic profile of <i>Pilocarpus pennatifolius</i> Lem. by HPLC-DAD-ESI/MS n with respect to authentication and enzyme inhibition potential. <i>Industrial Crops and Products</i> , 2015 , 77, 391-401	5.9	20
23	Supercritical carbon dioxide extraction of volatiles from <i>Satureja fruticosa</i> Bquinot. <i>Flavour and Fragrance Journal</i> , 2007 , 22, 438-442	2.5	19
22	HPLC-DAD-ESI/MS(n) analysis of phenolic compounds for quality control of <i>Grindelia robusta</i> Nutt. and bioactivities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 94, 163-72	3.5	18
21	Supercritical fluid extraction of the volatile oil from <i>Santolina chamaecyparissus</i> . <i>Journal of Separation Science</i> , 2009 , 32, 3215-22	3.4	18
20	Study of phenolic composition and antioxidant activity of myrtle leaves and fruits as a function of maturation. <i>European Food Research and Technology</i> , 2016 , 242, 1447-1457	3.4	18
19	Evaluation of Antioxidant, Anticholinesterase, and Antidiabetic Potential of Dry Leaves and Stems in <i>Tamarix aphylla</i> Growing Wild in Tunisia. <i>Chemistry and Biodiversity</i> , 2016 , 13, 1747-1755	2.5	16
18	Essential oil composition of <i>Pterospartum tridentatum</i> grown in Portugal. <i>Food Chemistry</i> , 2007 , 102, 1083-1088	8.5	15
17	HPLC-DAD analysis and in vitro enzyme inhibition: An integrated approach to predict herbal binary mixture behaviour employing median effect equation. <i>Microchemical Journal</i> , 2015 , 119, 176-182	4.8	14
16	Phenolic compounds from <i>Jacaranda caroba</i> (Vell.) A. DC.: approaches to neurodegenerative disorders. <i>Food and Chemical Toxicology</i> , 2013 , 57, 91-8	4.7	12
15	Assessing <i>Jasminum grandiflorum</i> L. authenticity by HPLC-DAD-ESI/MS(n) and effects on physiological enzymes and oxidative species. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 88, 157-61	3.5	10

14	Quercus ilex L.: How season, Plant Organ and Extraction Procedure Can Influence Chemistry and Bioactivities. <i>Chemistry and Biodiversity</i> , 2017 , 14, e1600187	2.5	9
13	Critical Review of Lipid-Based Nanoparticles as Carriers of Neuroprotective Drugs and Extracts. <i>Nanomaterials</i> , 2021 , 11,	5.4	8
12	Preliminary data on microcharacters and chromosome number in Tornabenea species (Apiaceae) from Cape Verde Islands. <i>Plant Biosystems</i> , 2008 , 142, 87-93	1.6	6
11	Bioactive properties of L.: antioxidant and enzyme inhibiting activities of extracts from leaves, seeds, pulp and peel. <i>3 Biotech</i> , 2018 , 8, 88	2.8	5
10	Assessment of the essential oil composition of Tornabenea annua, Tornabenea insularis and Tornabenea tenuissima fruits from Cape Verde Islands. <i>Biochemical Systematics and Ecology</i> , 2009 , 37, 474-478	1.4	4
9	Herbal Medicine in Depression 2016 ,		3
8	Interactions between Ginkgo biloba L. and Scutellaria baicalensis Georgi in multicomponent mixtures towards cholinesterase inhibition and ROS scavenging. <i>Food Research International</i> , 2021 , 140, 109857	7	3
7	Depressive Disorders: Prevalence, Costs, and Theories 2016 , 1-41		2
6	Seaweeds: new source of MAO-A inhibiting compounds. <i>Planta Medica</i> , 2011 , 77,	3.1	2
5	Characterization of Bioactive Compounds in Flavored Waters and Fruit Juices 2019 , 311-366		1
4	Future Strategies for the Treatment of Depression 2016 , 557-571		1
3	Ecotoxicological Effects of Insecticides in Plants Assessed by Germination and Other Phytotoxicity Tools 2018 , 47-76		1
2	Phytochemical Characterization and Biological Evaluation of the Aqueous and Supercritical Fluid Extracts from Salvia sclareoides Brot. <i>Open Chemistry</i> , 2017 , 15, 82-91	1.6	
1	In vitro neuroprotection by medicinal plant extracts. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	