

Maria Graña Miguel

List of Publications by Year in descending order

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98
papers

3,554
citations

172457

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h-index

155660

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101
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101
docs citations

101
times ranked

5077
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and Anti-Inflammatory Activities of Essential Oils: A Short Review. <i>Molecules</i> , 2010, 15, 9252-9287.	3.8	619
2	Antioxidant and Antiacetylcholinesterase Activities of Some Commercial Essential Oils and Their Major Compounds. <i>Molecules</i> , 2011, 16, 7672-7690.	3.8	188
3	Phenols and antioxidant activity of hydro-alcoholic extracts of propolis from Algarve, South of Portugal. <i>Food and Chemical Toxicology</i> , 2010, 48, 3418-3423.	3.6	154
4	Antibacterial and Antioxidant Activities of Essential Oils Isolated from <i>Thymbra capitata</i> L. (Cav.) and <i>Origanum vulgare</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8162-8168.	5.2	146
5	Antioxidant activities of eight Algerian plant extracts and two essential oils. <i>Industrial Crops and Products</i> , 2013, 46, 85-96.	5.2	118
6	Betalains in Some Species of the Amaranthaceae Family: A Review. <i>Antioxidants</i> , 2018, 7, 53.	5.1	98
7	Phenols, flavonoids and antioxidant activity of aqueous and methanolic extracts of propolis (Apis mellifera) from the region of Tj ETQq1 1 0.784314 rgBT/Overlode	1.7	75
8	Effects of Postharvest Application of 1-MCP and Postcutting Dip Treatment on the Quality and Nutritional Properties of Fresh-Cut Kiwifruit. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6173-6181.	5.2	74
9	<i>Arbutus unedo</i> L.: Chemical and Biological Properties. <i>Molecules</i> , 2014, 19, 15799-15823.	3.8	72
10	Honey Volatiles as a Fingerprint for Botanical Origin: A Review on their Occurrence on Monofloral Honeys. <i>Molecules</i> , 2020, 25, 374.	3.8	71
11	Antioxidant, anti-inflammatory and acetylcholinesterase inhibitory activities of propolis from different regions of Morocco. <i>Food Science and Biotechnology</i> , 2014, 23, 313-322.	2.6	65
12	Biological activities of extracts of plants grown in Portugal. <i>Industrial Crops and Products</i> , 2011, 33, 338-343.	5.2	64
13	Is propolis safe as an alternative medicine?. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011, 3, 479.	0.6	61
14	Insight on Propolis from Mediterranean Countries: Chemical Composition, Biological Activities and Application Fields. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900094.	2.1	61
15	Antioxidant activity of six Portuguese thyme species essential oils. <i>Flavour and Fragrance Journal</i> , 2010, 25, 150-155.	2.6	60
16	A Brief Review on New Naturally Occurring Cembranoid Diterpene Derivatives from the Soft Corals of the Genera <i>Sarcophyton</i> , <i>Sinularia</i> , and <i>Lobophytum</i> Since 2016. <i>Molecules</i> , 2019, 24, 781.	3.8	60
17	Physicochemical Characterization and Antioxidant Activity of Commercial Portuguese Honeys. <i>Journal of Food Science</i> , 2013, 78, C1159-65.	3.1	58
18	No induction of antimicrobial resistance in <i>Staphylococcus aureus</i> and <i>Listeria monocytogenes</i> during continuous exposure to eugenol and citral. <i>FEMS Microbiology Letters</i> , 2014, 354, 92-101.	1.8	57

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19	Foeniculum vulgare essential oils: chemical composition, antioxidant and antimicrobial activities. <i>Natural Product Communications</i> , 2010, 5, 319-28.	0.5	56
20	Edible Coatings Enriched with Essential Oils and their Compounds for Fresh and Fresh-cut Fruit. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2012, 4, 114-122.	0.9	53
21	Physicochemical characterization and antioxidant activity of 17 commercial Moroccan honeys. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 449-457.	2.8	46
22	Anti-acetylcholinesterase, antidiabetic, anti-inflammatory, antityrosinase and antioxidant activities of Moroccan propolis. <i>International Journal of Food Science and Technology</i> , 2016, 51, 1762-1773.	2.7	45
23	Foeniculum vulgare Essential Oils: Chemical Composition, Antioxidant and Antimicrobial Activities. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	44
24	Antioxidant Capacity of the Essential Oils From <i>Lavandula luisieri</i> , <i>L. stoechas</i> subsp. <i>lusitanica</i> , <i>L. stoechas</i> subsp. <i>lusitanica</i> <i>luisieri</i> and <i>L. viridis</i> Grown in Algarve (Portugal). <i>Journal of Essential Oil Research</i> , 2009, 21, 327-336.	2.7	41
25	Antioxidant Activity of <i>Myrtus communis</i> L. and <i>Myrtus nivellei</i> Batt. & Trab. Extracts: A Brief Review. <i>Medicines (Basel, Switzerland)</i> , 2018, 5, 89.	1.4	41
26	Effect of harvest date and 1-MCP (SmartFresh [®] , Ⓢ) treatment on "Golden Delicious"™ apple cold storage physiological disorders. <i>Postharvest Biology and Technology</i> , 2015, 110, 77-85.	6.0	38
27	Moroccan Propolis: A Natural Antioxidant, Antibacterial, and Antibiofilm against <i>Staphylococcus aureus</i> with No Induction of Resistance after Continuous Exposure. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-19.	1.2	38
28	<i>Myrtus communis</i> essential oils: insecticidal, antioxidant and antimicrobial activities: a review. <i>Journal of Essential Oil Research</i> , 2019, 31, 487-545.	2.7	36
29	Effect of Calcium chloride and 1-MCP (Smartfresh [®] , Ⓢ) postharvest treatment on "Golden Delicious"™ apple cold storage physiological disorders. <i>Scientia Horticulturae</i> , 2016, 211, 440-448.	3.6	33
30	Targeted gene disruption coupled with metabolic screen approach to uncover the LEAFY COTYLEDON1-LIKE4 (L1L4) function in tomato fruit metabolism. <i>Plant Cell Reports</i> , 2017, 36, 1065-1082.	5.6	32
31	Bioproducts from forest biomass: Essential oils and hydrolates from wastes of <i>Cupressus lusitanica</i> Mill. and <i>Cistus ladanifer</i> L.. <i>Industrial Crops and Products</i> , 2020, 144, 112034.	5.2	31
32	Effect of the volatile constituents isolated from <i>Thymus albicans</i> , <i>Th. mastichina</i> , <i>Th. carnosus</i> and <i>Thymbra capitata</i> in sunflower oil. <i>Molecular Nutrition and Food Research</i> , 2003, 47, 397-402.	0.0	29
33	Nutritional Characterization and Storage Ability of <i>Salicornia ramosissima</i> and <i>Sarcocornia perennis</i> for Fresh Vegetable Salads. <i>Horticulturae</i> , 2021, 7, 6.	2.8	28
34	Antioxidant and Antiproliferative Activities of the Essential Oils from <i>Thymbra capitata</i> and <i>Thymus</i> Species Grown in Portugal. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	1.2	27
35	Insight into the sensing mechanism of an impedance based electronic tongue for honey botanic origin discrimination. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 24-33.	7.8	27
36	Antioxidant and β -Glucosidase Inhibitory Properties and Chemical Profiles of Moroccan Propolis. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	26

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37	Volatile Oils Composition, and Bioactivity of the Essential Oils of <i>Plectranthus barbatus</i> , <i>P. neochilus</i> , and <i>P. ornatus</i> Grown in Portugal. <i>Chemistry and Biodiversity</i> , 2014, 11, 719-732.	2.1	25
38	Impact of Biohybrid Magnetite Nanoparticles and Moroccan Propolis on Adherence of Methicillin Resistant Strains of <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2016, 21, 1208.	3.8	25
39	Comparative study of GC-MS characterization, antioxidant activity and hyaluronidase inhibition of different species of <i>Lavandula</i> and <i>Thymus</i> essential oils. <i>Flavour and Fragrance Journal</i> , 2016, 31, 57-69.	2.6	25
40	Physicochemical characteristics and antiproliferative and antioxidant activities of Moroccan Zantaz honey rich in methyl syringate. <i>Food Chemistry</i> , 2021, 339, 128098.	8.2	24
41	Antibacterial, Antioxidant, and Antiproliferative Activities of <i>Corymbia citriodora</i> and the Essential Oils of Eight <i>Eucalyptus</i> Species. <i>Medicines (Basel, Switzerland)</i> , 2018, 5, 61.	1.4	23
42	The Effect of Nanocoatings Enriched with Essential Oils on Rocha™ Pear Long Storage. <i>Foods</i> , 2020, 9, 240.	4.3	23
43	Anti-oxidant, Anti-inflammatory and Anti-proliferative Activities of Moroccan Commercial Essential Oils. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	22
44	The memory of iron stress in strawberry plants. <i>Plant Physiology and Biochemistry</i> , 2016, 104, 36-44.	5.8	21
45	Toxic Effects of Three Essential Oils on <i>Ceratitis capitata</i> . <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2010, 13, 191-199.	1.9	20
46	Combined effect of temperature and controlled atmosphere on storage and shelf-life of Rocha™ pear treated with 1-methylcyclopropene. <i>Food Science and Technology International</i> , 2015, 21, 94-103.	2.2	20
47	Preliminary characterization of a Moroccan honey with a predominance of <i>Bupleurum spinosum</i> pollen. <i>Journal of Apicultural Research</i> , 2018, 57, 153-165.	1.5	20
48	Anti-oxidant, anti-inflammatory and anti-proliferative activities of Moroccan commercial essential oils. <i>Natural Product Communications</i> , 2014, 9, 587-94.	0.5	20
49	Two Extraction Methods of Essential Oils: Conventional and Non-conventional Hydrodistillation. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2020, 23, 870-889.	1.9	19
50	Antimicrobial activity, cytotoxicity and intracellular growth inhibition of Portuguese Thymus essential oils. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 1012-1024.	1.4	18
51	Antioxidant Activity of Thyme Waste Extract in O/W Emulsions. <i>Antioxidants</i> , 2019, 8, 243.	5.1	18
52	Hydrodistillation and simultaneous hydrodistillation-steam distillation of <i>Rosmarinus officinalis</i> and <i>Origanum compactum</i> : Antioxidant, anti-inflammatory, and antibacterial effect of the essential oils. <i>Industrial Crops and Products</i> , 2021, 168, 113591.	5.2	18
53	EVALUATION OF THE ANTIOXIDANT ACTIVITY OF THYMBRA CAPITATA, THYMUS MASTICHINA AND THYMUS CAMPHORATUS ESSENTIAL OILS. <i>Journal of Food Lipids</i> , 2005, 12, 181-197.	1.0	17
54	Superparamagnetic Iron Oxide Nanoparticles and Essential Oils: A New Tool for Biological Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6633.	4.1	17

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55	Antioxidant and α -Glucosidase Inhibitory Properties and Chemical Profiles of Moroccan Propolis. <i>Natural Product Communications</i> , 2015, 10, 1961-4.	0.5	17
56	Antioxidant, Anti-inflammatory and Anti-hyperglycaemic Activities of Essential Oils from <i>Thymbra capitata</i> , <i>Thymus albicans</i> , <i>Thymus caespititius</i> , <i>Thymus carnosus</i> , <i>Thymus lotocephalus</i> and <i>Thymus mastichina</i> from Portugal. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	16
57	Bioproducts from forest biomass II. Bioactive compounds from the steam-distillation by-products of <i>Cupressus lusitanica</i> Mill. and <i>Cistus ladanifer</i> L. wastes. <i>Industrial Crops and Products</i> , 2020, 158, 112991.	5.2	16
58	Simultaneous Hydrodistillation-Steam Distillation of <i>Rosmarinus officinalis</i> , <i>Lavandula angustifolia</i> and <i>Citrus aurantium</i> from Morocco, Major Terpenes: Impact on Biological Activities. <i>Molecules</i> , 2021, 26, 5452.	3.8	16
59	Propolis volatiles characterisation from acaricide-treated and -untreated beehives maintained at Algarve (Portugal). <i>Natural Product Research</i> , 2013, 27, 743-749.	1.8	15
60	Changes in the concentration of organic acids in roots and leaves of carob-tree under Fe deficiency. <i>Functional Plant Biology</i> , 2014, 41, 496.	2.1	15
61	The antibacterial, anti-biofilm, anti-inflammatory and virulence inhibition properties of Portuguese honeys. <i>Journal of Apicultural Research</i> , 2016, 55, 292-304.	1.5	15
62	Effect of poplar-type propolis on oxidative stability and rheological properties of O/W emulsions. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 1073-1082.	2.7	15
63	Antioxidant activity and enzyme inhibitory potential of <i>Euphorbia resinifera</i> and <i>E. officinarum</i> honeys from Morocco and plant aqueous extracts. <i>Environmental Science and Pollution Research</i> , 2021, 28, 503-517.	5.3	15
64	Comparative Study of the Antioxidant and Enzyme Inhibitory Activities of Two Types of Moroccan <i>Euphorbia</i> Entire Honey and Their Phenolic Extracts. <i>Foods</i> , 2021, 10, 1909.	4.3	15
65	Antimicrobial, antiviral and antioxidant activities of "ãgãgua-melã" from Portugal. <i>Food and Chemical Toxicology</i> , 2013, 56, 136-144.	3.6	13
66	Magnetite nanoparticles functionalized with propolis against methicillin resistant strains of <i>Staphylococcus aureus</i> . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 102, 25-33.	5.3	13
67	Chemical Characterization and Biological Properties of Royal Jelly Samples From the Mediterranean Area. <i>Natural Product Communications</i> , 2020, 15, 1934578X2090808.	0.5	13
68	Aqueous Extracts from Tunisian <i>Diploaxis</i> : Phenol Content, Antioxidant and Anti-Acetylcholinesterase Activities, and Impact of Exposure to Simulated Gastrointestinal Fluids. <i>Antioxidants</i> , 2016, 5, 12.	5.1	12
69	Antioxidant, Anti-inflammatory and Anti-hyperglycaemic Activities of Essential Oils from <i>Thymbra capitata</i> , <i>Thymus albicans</i> , <i>Thymus caespititius</i> , <i>Thymus carnosus</i> , <i>Thymus lotocephalus</i> and <i>Thymus mastichina</i> from Portugal. <i>Natural Product Communications</i> , 2016, 11, 1029-1038.	0.5	12
70	Acetylcholinesterase Inhibition Activity of Portuguese <i>Thymus</i> Species Essential Oils. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2011, 14, 140-150.	1.9	11
71	Composition, chemical variability and effect of distillation time on leaf and fruits essential oils of <i>Myrtus communis</i> from north western Algeria. <i>Journal of Essential Oil Research</i> , 2016, 28, 146-156.	2.7	11
72	Edible Coatings Enriched with Essential Oils on Apples Impair the Survival of Bacterial Pathogens through a Simulated Gastrointestinal System. <i>Foods</i> , 2019, 8, 57.	4.3	11

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73	Volatile Profile of Portuguese Monofloral Honey: Significance in Botanical Origin Determination. <i>Molecules</i> , 2021, 26, 4970.	3.8	11
74	Effect of Essential Oils on the Release of TNF- α and CCL2 by LPS-Stimulated THP-1 Cells. <i>Plants</i> , 2021, 10, 50.	3.5	11
75	Molecular cloning and functional characterization of a monoterpene synthase isolated from the aromatic wild shrub <i>Thymus albcans</i> . <i>Journal of Plant Physiology</i> , 2017, 218, 35-44.	3.5	10
76	Effect of extreme heat processing on the Moroccan Zantaz TM honey antioxidant activities. <i>Journal of Food Science and Technology</i> , 2020, 57, 3323-3333.	2.8	10
77	A novel plant extract as a biostimulant to recover strawberry plants from iron chlorosis. <i>Journal of Plant Nutrition</i> , 2020, 43, 2054-2066.	1.9	10
78	Physicochemical characterization and antioxidant activity of honey with <i>Eragrostis</i> spp. pollen predominance. <i>Journal of Food Biochemistry</i> , 2018, 42, e12431.	2.9	9
79	Qualitative evaluation of fruits from different <i>Opuntia ficus-indica</i> ecotypes/cultivars harvested in South Portugal. <i>Journal of Food Biochemistry</i> , 2018, 42, e12652.	2.9	9
80	Zantaz honey "monoflorality" Chemometric applied to the routinely assessed parameters. <i>LWT - Food Science and Technology</i> , 2019, 106, 29-36.	5.2	9
81	Antioxidant and Antiproliferative Activities of <i>Myrtus communis</i> L. Essential Oils from Different Algerian Regions. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2019, 22, 1488-1499.	1.9	8
82	Essential oils of spontaneous species of the genus <i>Lavandula</i> from Portugal: a brief review. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2020, 75, 233-245.	1.4	8
83	Antimicrobial and Antioxidant Activities of Natural Compounds: Enhance the Safety and Quality of Food. <i>Foods</i> , 2020, 9, 1145.	4.3	7
84	<i>Ammoides pusilla</i> (Brot.) Breistr. from Algeria: Effect of harvesting place and plant part (leaves and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 343-350.	1.9	6
85	Characterization of volatiles from Moroccan propolis samples. <i>Journal of Essential Oil Research</i> , 2019, 31, 27-33.	2.7	6
86	Propolis and Geopropolis Volatiles. , 2017, , 113-136.		5
87	Volatile Compounds of Royal Jelly. , 2017, , 191-197.		5
88	Antibacterial Activity of Moroccan Zantaz Honey and the Influence of Its Physicochemical Parameters Using Chemometric Tools. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4675.	2.5	4
89	Encapsulation of <i>Rosmarinus officinalis</i> essential oil in β -cyclodextrins. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15806.	2.0	4
90	Mineral and volatile composition of Açugua-mel from Portugal. <i>European Food Research and Technology</i> , 2016, 242, 171-178.	3.3	3

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91	Changes in the chemical parameters during the production of Açugua-mel from Portugal. CYTA - Journal of Food, 2018, 16, 972-979.	1.9	2
92	Editorial to Special Issue "Anti-Inflammatory Activity of Natural Products. Molecules, 2020, 25, 1926.	3.8	2
93	Membrane Fatty Acids and Physiological Disorders in Cold-Stored "Golden Delicious"™ Apples Treated with 1-MCP and Calcium Chloride. Horticulturae, 2022, 8, 162.	2.8	2
94	Unassisted and Carbon Dioxide-Assisted Hydro- and Steam-Distillation: Modelling Kinetics, Energy Consumption and Chemical and Biological Activities of Volatile Oils. Pharmaceuticals, 2022, 15, 567.	3.8	2
95	Natural antioxidants in emulsions O/W. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2020, 75, 319-325.	1.4	1
96	Zn treatment effects on biological potential of fennel bulbs as affected by in vitro digestion process. Food Science and Technology, 2020, 40, 60-67.	1.7	1
97	Influence of the drought on antioxidant and enzymatic activities of two Pinus species in humid and sub-humid climate. Anais Da Academia Brasileira De Ciencias, 2022, 94, e20200671.	0.8	0
98	Editorial to Special Issue "Composition and Biological Properties of Bee Products. Foods, 2022, 11, 608.	4.3	0