

Mariangela Marrelli

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,319
citations

186265

28
h-index

223800

46
g-index

72
all docs

72
docs citations

72
times ranked

3466
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo anti-inflammatory and in vitro antioxidant activities of Mediterranean dietary plants. <i>Journal of Ethnopharmacology</i> , 2008, 116, 144-151.	4.1	237
2	Effects of Saponins on Lipid Metabolism: A Review of Potential Health Benefits in the Treatment of Obesity. <i>Molecules</i> , 2016, 21, 1404.	3.8	167
3	Antiproliferative activity against human tumor cell lines and toxicity test on Mediterranean dietary plants. <i>Food and Chemical Toxicology</i> , 2008, 46, 3325-3332.	3.6	134
4	The protective ability of Mediterranean dietary plants against the oxidative damage: The role of radical oxygen species in inflammation and the polyphenol, flavonoid and sterol contents. <i>Food Chemistry</i> , 2009, 112, 587-594.	8.2	121
5	Biological Properties and Bioactive Components of <i>Allium cepa</i> L.: Focus on Potential Benefits in the Treatment of Obesity and Related Comorbidities. <i>Molecules</i> , 2019, 24, 119.	3.8	112
6	Acetylcholinesterase and butyrylcholinesterase inhibition of ethanolic extract and monoterpenes from <i>Pimpinella anisoides</i> V. Brigg. (Apiaceae). <i>FITOTERAPIA</i> , 2009, 80, 297-300.	2.2	73
7	Biological Potential and Structure-Activity Relationships of Most Recently Developed Vascular Disrupting Agents: An Overview of New Derivatives of Natural Combretastatin A-4. <i>Current Medicinal Chemistry</i> , 2011, 18, 3035-3081.	2.4	64
8	Bioactive phytonutrients (omega fatty acids, tocopherols, polyphenols), in vitro inhibition of nitric oxide production and free radical scavenging activity of non-cultivated Mediterranean vegetables. <i>Food Chemistry</i> , 2011, 129, 1413-1419.	8.2	63
9	In vitro investigation of the potential health benefits of wild Mediterranean dietary plants as anti-obesity agents with α -amylase and pancreatic lipase inhibitory activities. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 2217-2224.	3.5	61
10	Wild Mediterranean Dietary Plants as Inhibitors of Pancreatic Lipase. <i>Phytotherapy Research</i> , 2012, 26, 600-604.	5.8	60
11	Inhibition of Key Enzymes Linked to Obesity by Preparations From Mediterranean Dietary Plants: Effects on α -Amylase and Pancreatic Lipase Activities. <i>Plant Foods for Human Nutrition</i> , 2013, 68, 340-346.	3.2	55
12	Changes in the phenolic and lipophilic composition, in the enzyme inhibition and antiproliferative activity of <i>Ficus carica</i> L. cultivar Dottato fruits during maturation. <i>Food and Chemical Toxicology</i> , 2012, 50, 726-733.	3.6	53
13	Inhibitory effects of wild dietary plants on lipid peroxidation and on the proliferation of human cancer cells. <i>Food and Chemical Toxicology</i> , 2015, 86, 16-24.	3.6	47
14	Natural and Synthetic Furanocoumarins as Treatment for Vitiligo and Psoriasis. <i>Current Drug Therapy</i> , 2009, 4, 38-58.	0.3	45
15	Synthesis of a new bis(indolyl)methane that inhibits growth and induces apoptosis in human prostate cancer cells. <i>Natural Product Research</i> , 2013, 27, 2039-2045.	1.8	44
16	Composition, antibacterial, antioxidant and antiproliferative activities of essential oils from three <i>Origanum</i> species growing wild in Lebanon and Greece. <i>Natural Product Research</i> , 2016, 30, 735-739.	1.8	42
17	<i>Hypericum perforatum</i> : Influences of the habitat on chemical composition, photo-induced cytotoxicity, and antiradical activity. <i>Pharmaceutical Biology</i> , 2014, 52, 909-918.	2.9	38
18	Synthesis, inhibition of NO production and antiproliferative activities of some indole derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 1148-1153.	5.2	37

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19	New Potential Pharmaceutical Applications of Hypericum Species. Mini-Reviews in Medicinal Chemistry, 2016, 16, 710-720.	2.4	37
20	Î±-Tocopheryl linolenate solid lipid nanoparticles for the encapsulation, protection, and release of the omega-3 polyunsaturated fatty acid: in vitro anti-melanoma activity evaluation. Colloids and Surfaces B: Biointerfaces, 2017, 151, 128-133.	5.0	36
21	A Review of Biologically Active Natural Products from Mediterranean Wild Edible Plants: Benefits in the Treatment of Obesity and Its Related Disorders. Molecules, 2020, 25, 649.	3.8	36
22	Origanum spp.: an update of their chemical and biological profiles. Phytochemistry Reviews, 2018, 17, 873-888.	6.5	34
23	Protective Effect of Pimpinella anisoides Ethanolic Extract and Its Constituents on Oxidative Damage and Its Inhibition of Nitric Oxide in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. Journal of Medicinal Food, 2010, 13, 137-141.	1.5	32
24	Comparative chemical composition and antioxidant activity of Calamintha nepeta(L.) Savi subsp.glandulosa(Req.) Nyman and Calamintha grandiflora(L.) Moench (Labiatae). Natural Product Research, 2012, 26, 91-97.	1.8	31
25	A comparative study of <i>Zingiber officinale</i> Roscoe pulp and peel: phytochemical composition and evaluation of antitumour activity. Natural Product Research, 2015, 29, 2045-2049.	1.8	31
26	Hypericum perforatum L. subsp. perforatum induces inhibition of free radicals and enhanced phototoxicity in human melanoma cells under ultraviolet light. Cell Proliferation, 2013, 46, 193-202.	5.3	30
27	Trifolium pratense and T. repens (Leguminosae): Edible Flower Extracts as Functional Ingredients. Foods, 2015, 4, 338-348.	4.3	30
28	<i>Hypericum</i> spp.: An Update on the Biological Activities and Metabolic Profiles. Mini-Reviews in Medicinal Chemistry, 2020, 20, 66-87.	2.4	30
29	Phytochemical and Biological Profile of Moricandia arvensis (L.) DC.: An Inhibitor of Pancreatic Lipase. Molecules, 2018, 23, 2829.	3.8	29
30	Phytotoxic activity of Cachrys pungens Jan, a mediterranean species: separation, identification and quantification of potential allelochemicals. Acta Physiologiae Plantarum, 2014, 36, 1071-1083.	2.1	28
31	Allelopathic potential of <i>Artemisia arborescens</i> : Isolation, identification and quantification of phytotoxic compounds through fractionation-guided bioassays. Natural Product Research, 2013, 27, 880-887.	1.8	27
32	<i>Crocus cancellatus</i> subsp. <i>damascenus</i> stigmas: chemical profile, and inhibition of α-amylase, α-glucosidase and lipase, key enzymes related to type 2 diabetes and obesity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 212-218.	5.2	26
33	Variation of Malva sylvestris essential oil yield, chemical composition and biological activity in response to different environments across Southern Italy. Industrial Crops and Products, 2017, 98, 29-37.	5.2	26
34	Chenopodium album L. and Sisymbrium officinale (L.) Scop.: Phytochemical Content and In Vitro Antioxidant and Anti-Inflammatory Potential. Plants, 2019, 8, 505.	3.5	26
35	Hypolipidemic and Antioxidant Properties of Hot Pepper Flower (Capsicum annuum L.). Plant Foods for Human Nutrition, 2016, 71, 301-306.	3.2	25
36	Applications of Natural Compounds in the Photodynamic Therapy of Skin Cancer. Current Medicinal Chemistry, 2014, 21, 1371-1390.	2.4	24

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37	Fig Latex (<i>Ficus carica</i> L. cultivar Dottato) in Combination with UV Irradiation Decreases the Viability of A375 Melanoma Cells In Vitro. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 959-965.	1.7	21
38	Medicinal Plants. <i>Plants</i> , 2021, 10, 1355.	3.5	20
39	Quantitative determination of Amaryllidaceae alkaloids from <i>Galanthus reginae</i> -olgae subsp. <i>vernalis</i> and in vitro activities relevant for neurodegenerative diseases. <i>Pharmaceutical Biology</i> , 2010, 48, 2-9.	2.9	19
40	Phytochemical profile of three <i>Ballota</i> species essential oils and evaluation of the effects on human cancer cells. <i>Natural Product Research</i> , 2017, 31, 436-444.	1.8	18
41	Chemical composition and protective effect of oregano (<i>Origanum heracleoticum</i> L.) ethanolic extract on oxidative damage and on inhibition of NO in LPS-stimulated RAW 264.7 macrophages. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 404-411.	5.2	17
42	<i>Cachrys pungens</i> Jan inhibits human melanoma cell proliferation through photo-induced cytotoxic activity. <i>Cell Proliferation</i> , 2012, 45, 39-47.	5.3	17
43	Green Veterinary Pharmacology for Honey Bee Welfare and Health: <i>Origanum heracleoticum</i> L. (Lamiaceae) Essential Oil for the Control of the <i>Apis mellifera</i> Varroa infestation. <i>Veterinary Sciences</i> , 2022, 9, 124.	1.7	14
44	Viscosified Solid Lipidic Nanoparticles Based on Naringenin and Linolenic Acid for the Release of Cyclosporine A on the Skin. <i>Molecules</i> , 2020, 25, 3535.	3.8	13
45	<i>Lobularia maritima</i> (L.) Desv. Aerial Parts Methanolic Extract: In Vitro Screening of Biological Activity. <i>Plants</i> , 2020, 9, 89.	3.5	13
46	Cryptotanshinone and tanshinone IIA from <i>Salvia miltiorrhiza</i> Bunge (Danshen) as a new class of potential pancreatic lipase inhibitors. <i>Natural Product Research</i> , 2021, 35, 863-866.	1.8	13
47	<i>Artemisia arborescens</i> L. leaf litter: phytotoxic activity and phytochemical characterization. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	12
48	Antioxidant, Enzyme-Inhibitory and Antitumor Activity of the Wild Dietary Plant <i>Muscari comosum</i> (L.) Mill.. <i>International Journal of Plant Biology</i> , 2017, 8, 6895.	2.6	12
49	Fatty acids, coumarins and polyphenolic compounds of <i>Ficus carica</i> L. cv. Dottato: variation of bioactive compounds and biological activity of aerial parts. <i>Natural Product Research</i> , 2014, 28, 271-274.	1.8	11
50	Essential Oils and Bioactive Components against Arthritis: A Novel Perspective on Their Therapeutic Potential. <i>Plants</i> , 2020, 9, 1252.	3.5	11
51	Assessment of Photo-Induced Cytotoxic Activity of <i>Cachrys sicula</i> and <i>Cachrys libanotis</i> Enriched-Coumarin Extracts against Human Melanoma Cells. <i>Plants</i> , 2021, 10, 123.	3.5	11
52	Conjugation of l-NAME to prenyloxycinnamic acids improves its inhibitory effects on nitric oxide production. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2933-2935.	2.2	10
53	Essential Oils of <i>Foeniculum vulgare</i> subsp. <i>piperitum</i> and Their <i>In Vitro</i> Anti-Arthritic Potential. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000388.	2.1	10
54	Phytochemical and biological characterization of dry outer scales extract from Tropea red onion (<i>Allium cepa</i> L. var. <i>Tropea</i>)—A promising inhibitor of pancreatic lipase. <i>Phytomedicine Plus</i> , 2022, 2, 100235.	2.0	9

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55	Inhibitory Effect on Lipid Absorption and Variability of Chemical Constituents from <i>Capparis sicula</i> subsp. <i>sicula</i> and <i>Capparis orientalis</i> . <i>Chemistry and Biodiversity</i> , 2016, 13, 755-761.	2.1	8
56	<i>Ranunculus</i> species suppress nitric oxide production in LPS-stimulated RAW 264.7 macrophages. <i>Natural Product Research</i> , 2022, 36, 2859-2863.	1.8	8
57	A comparative study of phytochemical composition of genetically and non-genetically modified soybean (<i>Glycine max</i> L.) and evaluation of antitumor activity. <i>Natural Product Research</i> , 2013, 27, 574-578.	1.8	6
58	Inhibition of Cancer Cell Proliferation and Antiradical Effects of Decoction, Hydroalcoholic Extract, and Principal Constituents of <i>Hemidesmus indicus</i> R. Br.. <i>Phytotherapy Research</i> , 2015, 29, 857-863.	5.8	6
59	Metabolite profiling and biological properties of aerial parts from <i>Leopoldia comosa</i> (L.) Parl.: Antioxidant and anti-obesity potential. <i>South African Journal of Botany</i> , 2019, 120, 104-111.	2.5	6
60	<i>Olea europaea</i> bud extracts: inhibitory effects on pancreatic lipase and α -amylase activities of different cultivars from Calabria region (Italy). <i>Plant Biosystems</i> , 2022, 156, 338-344.	1.6	6
61	Phytochemical Content and Antioxidant Activity of Ancient Majorca and Carosella (<i>Triticum aestivum</i>) Tj ETQq1 1 0,784314 rgBT /Overl 3.0 6	3.0	6
62	Investigation of the Potential Health Benefits as Lipase Inhibitor and Antioxidant of <i>Leopoldia comosa</i> (L.) Parl.: Variability of Chemical Composition of Wild and Cultivated Bulbs. <i>Plant Foods for Human Nutrition</i> , 2017, 72, 274-279.	3.2	5
63	Potential Health Benefits of <i>Origanum heracleoticum</i> Essential Oil: Phytochemical and Biological Variability among Different Calabrian Populations. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	5
64	Beneficial Role of Fruits, Their Juices, and Freeze-Dried Powders on Inflammatory Bowel Disease and Related Dysbiosis. <i>Plants</i> , 2022, 11, 4.	3.5	5
65	Protective effect of <i>Hypericum calabricum</i> Sprengel on oxidative damage and its inhibition of nitric oxide in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Biological Research</i> , 2011, 44, 213-218.	3.4	4
66	Inhibition of nitric oxide production by natural oxyprenylated coumarins and alkaloids in RAW 264.7 cells. <i>Phytochemistry Letters</i> , 2017, 20, 181-185.	1.2	4
67	Cytotoxic Properties of <i>Marrubium globosum</i> ssp. <i>libanoticum</i> and its Bioactive Components. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	2
68	<i>Echinophora tenuifolia</i> L. branches phytochemical profile and antiproliferative activity on human cancer cell lines. <i>Natural Product Research</i> , 2020, 34, 2664-2667.	1.8	2
69	Genetic, metabolic and antioxidant differences among three different Calabrian populations of <i>Cynara cardunculus</i> subsp. <i>cardunculus</i> . <i>Plant Biosystems</i> , 2021, 155, 598-608.	1.6	2
70	<i>In vitro</i> antioxidant and anti-denaturation effects of <i>Buglossoides purpureocaerulea</i> (L.) I. M. Johnst. fruit extract. <i>Natural Product Research</i> , 2023, 37, 1012-1015.	1.8	2
71	<i>Cachrys libanotis</i> L. Extracts: Photocytotoxic Effects on UVA-Irradiated Human Melanoma Cells. , 2020, 4, .		0
72	<i>Cachrys ferulacea</i> (L.) Calest. Extracts as Natural Photosensitizers: An In Vitro Photobiological Study. , 2021, 11, .		0