

Monica Scognamiglio

List of Publications by Year in descending order

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62
papers

1,331
citations

279701

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377752

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all docs

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docs citations

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times ranked

2149
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Assessment of Antioxidant Capacity of Phytochemicals from Kiwi Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4148-4155.	2.4	104
2	Chemical composition and nutraceutical properties of hempseed: an ancient food with actual functional value. <i>Phytochemistry Reviews</i> , 2018, 17, 733-749.	3.1	75
3	Î-Tocomonoenol: A new vitamin E from kiwi (<i>Actinidia chinensis</i>) fruits. <i>Food Chemistry</i> , 2009, 115, 187-192.	4.2	69
4	Plant growth inhibitors: allelopathic role or phytotoxic effects? Focus on Mediterranean biomes. <i>Phytochemistry Reviews</i> , 2013, 12, 803-830.	3.1	67
5	Plant Derived Natural Products against <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> : Antibiofilm Activity and Molecular Mechanisms. <i>Molecules</i> , 2020, 25, 5024.	1.7	54
6	Spectroscopic Characterization and Antiproliferative Activity on HepG2 Human Hepatoblastoma Cells of Flavonoid C-Glycosides from <i>Petrorhagia velutina</i> . <i>Journal of Natural Products</i> , 2010, 73, 1973-1978.	1.5	48
7	Recent Advances in Natural Product-Based Anti-Biofilm Approaches to Control Infections. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 14, 1169-1182.	1.1	47
8	Spectroscopic identification and anti-biofilm properties of polar metabolites from the medicinal plant <i>Helichrysum italicum</i> against <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7038-7046.	1.4	41
9	(â€)-Cannabidiolic Acid, a Still Overlooked Bioactive Compound: An Introductory Review and Preliminary Research. <i>Molecules</i> , 2020, 25, 2638.	1.7	38
10	Plant bioassay to assess the effects of allelochemicals on the metabolome of the target species <i>Aegilops geniculata</i> by an NMR-based approach. <i>Phytochemistry</i> , 2013, 93, 27-40.	1.4	34
11	Prenylated phloroglucinols from <i>Hypericum scruglii</i> , an endemic species of Sardinia (Italy), as new dual HIV-1 inhibitors effective on HIV-1 replication. <i>PLoS ONE</i> , 2018, 13, e0195168.	1.1	34
12	Chemical Composition and Seasonality of Aromatic Mediterranean Plant Species by NMR-Based Metabolomics. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-9.	0.7	33
13	Metabolomic approach for a rapid identification of natural products with cytotoxic activity against human colorectal cancer cells. <i>Scientific Reports</i> , 2018, 8, 5309.	1.6	33
14	Oleanane saponins from <i>Bellis sylvestris</i> Cyr. and evaluation of their phytotoxicity on <i>Aegilops geniculata</i> Roth. <i>Phytochemistry</i> , 2012, 84, 125-134.	1.4	32
15	Isolation, distribution and allelopathic effect of caffeic acid derivatives from <i>Bellis perennis</i> L.. <i>Biochemical Systematics and Ecology</i> , 2012, 43, 108-113.	0.6	32
16	1 H NMR based metabolic profiling of eleven Algerian aromatic plants and evaluation of their antioxidant and cytotoxic properties. <i>Food Research International</i> , 2015, 76, 334-341.	2.9	32
17	Phytochemical profile and Î±-glucosidase inhibitory activity of Sardinian <i>Hypericum scruglii</i> and <i>Hypericum hircinum</i> . <i>FÄ-toterapÄ-Äç</i> , 2017, 120, 184-193.	1.1	32
18	Chemical interactions between plants in Mediterranean vegetation: The influence of selected plant extracts on <i>Aegilops geniculata</i> metabolome. <i>Phytochemistry</i> , 2014, 106, 69-85.	1.4	28

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19	Chemical constituents and in vitro anti-inflammatory activity of <i>Cistanche violacea</i> Desf. (Orobanchaceae) extract. <i>FÄ-toterapÄ-Äç</i> , 2016, 109, 248-253.	1.1	27
20	Polyphenol characterization and antioxidant evaluation of <i>Olea europaea</i> varieties cultivated in Cilento National Park (Italy). <i>Food Research International</i> , 2012, 46, 294-303.	2.9	26
21	Endophytism of <i>Penicillium</i> Species in Woody Plants. <i>The Open Mycology Journal</i> , 2014, 8, 1-26.	0.8	26
22	Structure elucidation and hepatotoxicity evaluation against HepG2 human cells of neo-clerodane diterpenes from <i>Teucrium polium</i> L. <i>Phytochemistry</i> , 2011, 72, 2037-2044.	1.4	24
23	NMR-based metabolic profiling and in vitro antioxidant and hepatotoxic assessment of partially purified fractions from Golden germander (<i>Teucrium polium</i> L.) methanolic extract. <i>Food Chemistry</i> , 2012, 135, 1957-1967.	4.2	24
24	abeo-Abietanes from <i>Teucrium polium</i> roots as protective factors against oxidative stress. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 8530-8536.	1.4	23
25	Structural characterization and radical scavenging activity of monomeric and dimeric cinnamoyl glucose esters from <i>Petrorhagia velutina</i> leaves. <i>Phytochemistry Letters</i> , 2010, 3, 38-44.	0.6	23
26	Metabolic Profiling of Strawberry Grape (<i>Vitis Ä-labruscana</i> cv. ÄIsabellaÄ™) Components by Nuclear Magnetic Resonance (NMR) and Evaluation of Their Antioxidant and Antiproliferative Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7679-7687.	2.4	23
27	Seasonal phytochemical changes in <i>Phillyrea angustifolia</i> L.: Metabolomic analysis and phytotoxicity assessment. <i>Phytochemistry Letters</i> , 2014, 8, 163-170.	0.6	23
28	NMR-Based Plant Metabolomics in Nutraceutical Research: An Overview. <i>Molecules</i> , 2020, 25, 1444.	1.7	23
29	Highlighting the effects of coumarin on adult plants of <i>Arabidopsis thaliana</i> (L.) Heynh. by an integrated -omic approach. <i>Journal of Plant Physiology</i> , 2017, 213, 30-41.	1.6	22
30	Evaluation of different training systems on Annurca apple fruits revealed by agronomical, qualitative and NMR-based metabolomic approaches. <i>Food Chemistry</i> , 2017, 222, 18-27.	4.2	22
31	A new acylated flavone glycoside with antioxidant and radical scavenging activities from <i>Teucrium polium</i> leaves. <i>Natural Product Research</i> , 2013, 27, 356-363.	1.0	16
32	Molecular Profiling of the <i>Phytophthora plurivora</i> Secretome: A Step towards Understanding the Cross-Talk between Plant Pathogenic Oomycetes and Their Hosts. <i>PLoS ONE</i> , 2014, 9, e112317.	1.1	16
33	Elicited <i>Teucrium chamaedrys</i> cell cultures produce high amounts of teucroside, but not the hepatotoxic neo-clerodane diterpenoids. <i>Phytochemistry</i> , 2012, 81, 50-59.	1.4	15
34	Spectroscopic Characterization and Cytotoxicity Assessment towards Human Colon Cancer Cell Lines of Acylated Cycloartane Glycosides from <i>Astragalus boeticus</i> L. <i>Molecules</i> , 2019, 24, 1725.	1.7	15
35	Phytochemical study of <i>Helichrysum italicum</i> (Roth) G. Don: Spectroscopic elucidation of unusual amino-phlorogucinols and antimicrobial assessment of secondary metabolites from medium-polar extract. <i>Phytochemistry</i> , 2016, 132, 86-94.	1.4	12
36	Structural and Bioactive Properties of 3-O-Methylfunicone. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 14, 1043-1047.	1.1	12

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37	Allelopathic potential of alkylphenols from <i>Dactylis glomerata</i> subsp. <i>hispanica</i> (Roth) Nyman. <i>Phytochemistry Letters</i> , 2012, 5, 206-210.	0.6	11
38	2D-NMR investigation and in vitro evaluation of antioxidant, antigenotoxic and estrogenic/antiestrogenic activities of strawberry grape. <i>Food and Chemical Toxicology</i> , 2017, 105, 52-60.	1.8	11
39	Phytochemical investigation and antimicrobial assessment of <i>Bellis sylvestris</i> leaves. <i>Phytochemistry Letters</i> , 2016, 17, 6-13.	0.6	10
40	Chemical diversity and biological activities of the saponins isolated from <i>Astragalus</i> genus: focus on Astragaloside IV. <i>Phytochemistry Reviews</i> , 2019, 18, 1133-1166.	3.1	10
41	Identification of Potential Allelochemicals From Donor Plants and Their Synergistic Effects on the Metabolome of <i>Aegilops geniculata</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 1046.	1.7	10
42	Chemical composition and microencapsulation suitability of sumac (<i>Rhus coriaria</i> L.) fruit extract. <i>European Food Research and Technology</i> , 2021, 247, 1133-1148.	1.6	10
43	Evaluation of the antioxidant properties of carexanes in AGS cells transfected with the <i>Helicobacter pylori</i> 's protein HspB. <i>Microbial Pathogenesis</i> , 2017, 108, 71-77.	1.3	9
44	Phytotoxic chlorophyll derivatives from <i>Petrorhagia velutina</i> (Guss.) Ball et Heyw leaves. <i>Natural Product Communications</i> , 2010, 5, 99-102.	0.2	7
45	Phytotoxic Chlorophyll Derivatives from <i>Petrorhagia velutina</i> (Guss.) Ball et Heyw Leaves. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	6
46	NMR-based metabolomics and bioassays to study phytotoxic extracts and putative phytotoxins from Mediterranean plant species. <i>Phytochemical Analysis</i> , 2019, 30, 512-523.	1.2	6
47	Lymphocytes exposed to vegetables grown in waters contaminated by anticancer drugs: metabolome alterations and genotoxic risks for human health. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 842, 125-131.	0.9	5
48	Petrorhagiosides A–D, New Pyrone Derivatives from <i>Petrorhagia saxifraga</i> . <i>Helvetica Chimica Acta</i> , 2013, 96, 1273-1280.	1.0	4
49	Structural Elucidation of Saponins. <i>Studies in Natural Products Chemistry</i> , 2015, 45, 85-120.	0.8	4
50	An unusual drimane sesquiterpene glucoside from roots of <i>Petrorhagia velutina</i> . <i>Biochemical Systematics and Ecology</i> , 2011, 39, 228-231.	0.6	3
51	Mediterranean Wild Plants As Useful Sources of Potential Natural Food Additives. <i>ACS Symposium Series</i> , 2012, , 209-235.	0.5	3
52	Phytochemical Characterization of <i>Olea europaea</i> L. Cultivars of Cilento National Park (South Italy) through NMR-Based Metabolomics. <i>Molecules</i> , 2021, 26, 3845.	1.7	3
53	Evaluation of Morphological, Qualitative, and Metabolomic Traits during Fruit Ripening in Pomegranate (<i>Punica granatum</i> L.). <i>Horticulturae</i> , 2022, 8, 384.	1.2	3
54	Tocopherols, Tocotrienols, and Their Bioactive Analogs. , 2012, , 165-194.		2

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55	Comment on the paper: "Spectroscopic and computational study of the major oxidation products formed during the reaction of two quercetin conformers with a free radical" Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 651-653.	2.0	2
56	NMR Profiling of <i>Ononis diffusa</i> Identifies Cytotoxic Compounds against Cetuximab-Resistant Colon Cancer Cell Lines. <i>Molecules</i> , 2021, 26, 3266.	1.7	2
57	Chemical Fractionation Joint to In-Mixture NMR Analysis for Avoiding the Hepatotoxicity of <i>Teucrium chamaedrys</i> L. subsp. <i>chamaedrys</i> . <i>Biomolecules</i> , 2021, 11, 690.	1.8	2
58	Two new acylated drimane-type sesquiterpene glucosides from <i>Petrorhagia saxifraga</i> . <i>Phytochemistry Letters</i> , 2014, 7, 46-51.	0.6	1
59	Restoration of quarry areas in Mediterranean regions through a low-cost soil rebuilding technique for profitable pedotechnosystems development. <i>Soil and Tillage Research</i> , 2021, 209, 104936.	2.6	1
60	Spectroscopic Characterization of a Pyridine Alkaloid from an Endophytic Strain of the <i>Fusarium incarnatum-equiseti</i> Species Complex. <i>Current Bioactive Compounds</i> , 2014, 10, 196-200.	0.2	1
61	A new glucosylated cinnamoyl glycerol from aerial parts of <i>Phleum subulatum</i> . <i>Biochemical Systematics and Ecology</i> , 2012, 42, 79-82.	0.6	0
62	Environmental Metabolomics: A Powerful Tool to Investigate Biochemical Responses to Drugs in Nontarget Organisms. , 2020, , 441-465.		0