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List of Publications by Year
in descending order

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80 papers	1,905 citations	186265 28 h-index	315739 38 g-index
80 all docs	80 docs citations	80 times ranked	2442 citing authors

#	Article	IF	Citations
1	Flavonoids in Horse Chestnut (Aesculus hippocastanum) Seeds and Powdered Waste Water Byproducts. Journal of Agricultural and Food Chemistry, 2007, 55, 8485-8490.	5.2	71
2	Natural Products Targeting ER Stress, and the Functional Link to Mitochondria. International Journal of Molecular Sciences, 2020, 21, 1905.	4.1	63
3	Polyisoprenylated Benzophenones and an Unusual Polyisoprenylated Tetracyclic Xanthone from the Fruits of Garcinia cambogia. Journal of Agricultural and Food Chemistry, 2008, 56, 5205-5210.	5.2	57
4	Gloriosaols A and B, two novel phenolics from Yucca gloriosa: structural characterization and configurational assignment by a combined NMR-quantum mechanical strategy. Tetrahedron, 2007, 63, 148-154.	1.9	55
5	Effects of garcinol and guttiferone K isolated fromGarcinia cambogiaon oxidative/nitrative modifications in blood platelets and plasma. Platelets, 2009, 20, 487-492.	2.3	52
6	Iridoid, phenylethanoid and flavonoid glycosides from Sideritis trojana. FÃ¬toterapÃ¬Ã¢, 2012, 83, 130-136.	2.2	52
7	Cyclic Diarylheptanoids from Corylus avellana Green Leafy Covers: Determination of Their Absolute Configurations and Evaluation of Their Antioxidant and Antimicrobial Activities. Journal of Natural Products, 2017, 80, 1703-1713.	3.0	52
8	Cardenolide Glycosides from Pergularia tomentosa and Their Proapoptotic Activity in Kaposi's Sarcoma Cells. Journal of Natural Products, 2006, 69, 1319-1322.	3.0	49
9	Relative effects of phenolic constituents from Yucca schidigera Roezl. bark on Kaposi's sarcoma cell proliferation, migration, and PAF synthesis. Biochemical Pharmacology, 2006, 71, 1479-1487.	4.4	49
10	Polyisoprenylated benzophenone derivatives from the fruits of Garcinia cambogia and their absolute configuration by quantum chemical circular dichroism calculations. Tetrahedron, 2010, 66, 139-145.	1.9	47
11	Cardenolides from Pergularia tomentosa Display Cytotoxic Activity Resulting from Their Potent Inhibition of Na⁺/K⁺-ATPase. Journal of Natural Products, 2009, 72, 1087-1091.	3.0	43
12	Identification and quantitative determination of the polar constituents in Helichrysum italicum flowers and derived food supplements. Journal of Pharmaceutical and Biomedical Analysis, 2014, 96, 249-255.	2.8	42
13	Cytotoxicity of cucurbitacin E from Citrullus colocynthis against multidrug-resistant cancer cells. Phytomedicine, 2019, 62, 152945.	5.3	42
14	LC-MS profiling highlights hazelnut (Nocciola di Giffoni PGI) shells as a byproduct rich in antioxidant phenolics. Food Research International, 2017, 101, 180-187.	6.2	39
15	Stemmosides C and D, two novel unusual pregnane glycosides from Solenostemma argel: structural elucidation and configurational study by a combined NMR-quantum mechanical strategy. Tetrahedron, 2004, 60, 12201-12209.	1.9	38
16	Polyphenolic profiles in lettuce (Lactuca sativa L.) after CaCl2 treatment and cold storage. European Food Research and Technology, 2019, 245, 733-744.	3.3	37
17	HPLC-ESIMSⁿ Profiling, Isolation, Structural Elucidation, and Evaluation of the Antioxidant Potential of Phenolics from Paepalanthus geniculatus. Journal of Natural Products, 2012, 75, 547-556.	3.0	36
18	Direct Interaction of Garcinol and Related Polyisoprenylated Benzophenones of Garcinia cambogia Fruits with the Transcription Factor STAT-1 as a Likely Mechanism of Their Inhibitory Effect on Cytokine Signaling Pathways. Journal of Natural Products, 2014, 77, 543-549.	3.0	36

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19	Giffonins Jâ€“P, Highly Hydroxylated Cyclized Diarylheptanoids from the Leaves of Corylus avellana Cultivar â€œTonda di Giffoniâ€• Journal of Natural Products, 2015, 78, 2975-2982.	3.0	36
20	Cytotoxic Constituents of Roots ofChaerophyllumhirsutum. Journal of Natural Products, 2004, 67, 1588-1590.	3.0	35
21	Combination of LCâ€“MS based metabolomics and antioxidant activity for evaluation of bioactive compounds in Fragaria vesca leaves from Italy. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 233-240.	2.8	35
22	Giffonins Aâ€“I, Antioxidant Cyclized Diarylheptanoids from the Leaves of the Hazelnut Tree (Corylus) Tj ETQq0 0 0 rgBT /Overlock 10 2015, 78, 17-25.	3.0	34
23	Metabolite profiling of â€œgreenâ€•extracts of Corylus avellana leaves by 1H NMR spectroscopy and multivariate statistical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 168-178.	2.8	34
24	Multi-class polar lipid profiling in fresh and roasted hazelnut (Corylus avellana cultivar â€œTonda di) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	34
25	Quali-quantitative determination of triterpenic acids of Ziziphus jujuba fruits and evaluation of their capability to interfere in macrophages activation inhibiting NO release and iNOS expression. Food Research International, 2015, 77, 109-117.	6.2	31
26	Prenylated polyphenolic compounds from Glycyrrhiza iconica and their antimicrobial and antioxidant activities. FÃ¬toterapÃ¬Ã¢, 2015, 103, 289-293.	2.2	30
27	Chestnut shells (Italian cultivar â€œMarrone di Roccadaspideâ€•PGI): Antioxidant activity and chemical investigation with in depth LC-HRMS/MSn rationalization of tannins. Food Research International, 2020, 129, 108787.	6.2	30
28	Can Small Chemical Modifications of Natural Pan-inhibitors Modulate the Biological Selectivity? The Case of Curcumin Prenylated Derivatives Acting as HDAC or mPGES-1 Inhibitors. Journal of Natural Products, 2015, 78, 2867-2879.	3.0	29
29	Quali-quantitative analysis of the phenolic fraction of the flowers of Corylus avellana, source of the Italian PGI product â€œNocciola di Giffoniâ€• Isolation of antioxidant diarylheptanoids. Phytochemistry, 2016, 130, 273-281.	2.9	29
30	Plant Specialized Metabolites in Hazelnut (Corylus avellana) Kernel and Byproducts: An Update on Chemistry, Biological Activity, and Analytical Aspects. Planta Medica, 2019, 85, 840-855.	1.3	29
31	Comparative Phytochemical Characterization, Genetic Profile, and Antiproliferative Activity of Polyphenol-Rich Extracts from Pigmented Tubers of Different Solanum tuberosum Varieties. Molecules, 2020, 25, 233.	3.8	29
32	Triterpene Glycosides fromAstragalus angustifolius. Planta Medica, 2012, 78, 720-729.	1.3	28
33	Isolation, Chemical and Free Radical Scavenging Characterization of Phenolics from Trifolium scabrum L. Aerial Parts. Journal of Agricultural and Food Chemistry, 2013, 61, 4417-4423.	5.2	26
34	Steroidal Glycosides with Antiproliferative Activities from Digitalis trojana. Phytotherapy Research, 2014, 28, 534-538.	5.8	25
35	Isolation of antioxidant phenolics from Schinopsis brasiliensis based on a preliminary LC-MS profiling. Phytochemistry, 2017, 140, 45-51.	2.9	24
36	In depth chemical investigation of Glycyrrhiza triphylla Fisch roots guided by a preliminary HPLC-ESIMS n profiling. Food Chemistry, 2018, 248, 128-136.	8.2	23

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37	Antioxidant and In Vitro Preliminary Anti-Inflammatory Activity of Castanea sativa (Italian Cultivar) Tj ETQq1 1 0.784314 rgBT /Overlock LC-ESI/LTQOrbitrap/MS/MS. Antioxidants, 2021, 10, 278.	5.1	23
38	In depth LC-ESIMSn-guided phytochemical analysis of Ziziphus jujuba Mill. leaves. Phytochemistry, 2019, 159, 148-158.	2.9	21
39	Garcinol and Related Polyisoprenylated Benzophenones as Topoisomerase II Inhibitors: Biochemical and Molecular Modeling Studies. Journal of Natural Products, 2019, 82, 2768-2779.	3.0	20
40	Qualitative on-line profiling of ceramides and cerebrosides by high performance liquid chromatography coupled with electrospray ionization ion trap tandem mass spectrometry: The case of Dracontium loretense. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 23-30.	2.8	19
41	Steroids from Helleborus caucasicus reduce cancer cell viability inducing apoptosis and GRP78 down-regulation. Chemico-Biological Interactions, 2018, 279, 43-50.	4.0	19
42	A new acetophenone derivative from flowers of Helichrysum italicum (Roth) Don ssp. italicum. FÃ¬toterapÃ¬Ã¢, 2014, 99, 198-203.	2.2	18
43	Detection and comparison of phenolic compounds in different extracts of black currant leaves by liquid chromatography coupled with high-resolution ESI-LTQ-Orbitrap MS and high-sensitivity ESI-Qtrap MS. Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 112926.	2.8	18
44	Metabolomics and antioxidant activity of the leaves of Prunus dulcis Mill. (Italian cvs. Toritto and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	17
45	Phenolics from Castanea sativa leaves and their effects on UVB-induced damage. Natural Product Research, 2018, 32, 1170-1175.	1.8	15
46	Amino acid-sesquiterpene lactone conjugates from the aerial parts of Centaurea pungens and evaluation of their antimicrobial activity. FÃ¬toterapÃ¬Ã¢, 2019, 133, 51-55.	2.2	15
47	Phenylethyl Glycosides fromGlobularia alypumGrowing in Turkey. Helvetica Chimica Acta, 2008, 91, 1525-1532.	1.6	14
48	First characterization of Pompia intrea candied fruit: The headspace chemical profile, polar extract composition and its biological activities. Food Research International, 2019, 120, 620-630.	6.2	14
49	Mangostanin, a Xanthone Derived from Garcinia mangostana Fruit, Exerts Protective and Reparative Effects on Oxidative Damage in Human Keratinocytes. Pharmaceuticals, 2022, 15, 84.	3.8	14
50	Determination of volatile organic compounds in the dried leaves ofSalviaspecies by solid-phase microextraction coupled to gas chromatography mass spectrometry. Natural Product Research, 2016, 30, 841-848.	1.8	13
51	HRâ€LCâ€ESIâ€Orbitrapâ€MS based metabolite profiling of Prunus dulcis Mill. (Italian cultivars Toritto and) Tj ETQq1 1 0.784314 rgBT	2.4	13
52	Okra fruit: LC-ESI/LTQOrbitrap/MS/MSⁿbased deep insight on polar lipids and specialized metabolites with evaluation of anti-oxidant and anti-hyperglycemic activity. Food and Function, 2020, 11, 7856-7865.	4.6	13
53	Phytochemical investigation of Scabiosa sicula guided by a preliminary HPLC-ESIMSn profiling. Phytochemistry, 2020, 174, 112350.	2.9	13
54	Metabolite Profile and In Vitro Beneficial Effects of Black Garlic (Allium sativum L.) Polar Extract. Nutrients, 2021, 13, 2771.	4.1	13

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55	Metabolite Profiling of Helichrysum italicum Derived Food Supplements by 1H-NMR-Based Metabolomics. Molecules, 2021, 26, 6619.	3.8	13
56	HR-LC-ESI-Orbitrap-MS-Based Metabolic Profiling Coupled with Chemometrics for the Discrimination of Different Echinops spinosus Organs and Evaluation of Their Antioxidant Activity. Antioxidants, 2022, 11, 453.	5.1	13
57	Flavanocoumarins from Guazuma ulmifolia bark and evaluation of their affinity for STAT1. Phytochemistry, 2013, 86, 64-71.	2.9	11
58	New triterpene saponins from Phryna ortegioides. Phytochemistry Letters, 2015, 14, 39-44.	1.2	11
59	Antiproliferative Cardenolides from the Aerial Parts of Pergularia tomentosa. Journal of Natural Products, 2019, 82, 74-79.	3.0	11
60	LC-ESI/LTQOrbitrap/MS Metabolomic Analysis of Fennel Waste (Foeniculum vulgare Mill.) as a Byproduct Rich in Bioactive Compounds. Foods, 2021, 10, 1893.	4.3	11
61	Almond (Prunus dulcis cv. Casteltermini) Skin Confectionery By-Products: New Opportunity for the Development of a Functional Blackberry (Rubus ulmifolius Schott) Jam. Antioxidants, 2021, 10, 1218.	5.1	10
62	Conversion of Organic Dyes into Pigments: Extraction of Flavonoids from Blackberries (Rubus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	3.8	10
63	Cycloartane and oleanane-type glycosides from Astragalus pennatulus. FÃ¬toterapÃ¬Ã¢, 2016, 109, 254-260.	2.2	9
64	Chemical constituents of Silene montbretiana. Natural Product Research, 2019, 33, 335-339.	1.8	9
65	LCâ€“ESIâ€“FTâ€“MSn Metabolite Profiling of Symphytum officinale L. Roots Leads to Isolation of Comfreyn A, an Unusual Arylnaphthalene Lignan. International Journal of Molecular Sciences, 2020, 21, 4671.	4.1	9
66	Terpenoid Constituents of Perovskia artemisioides Aerial Parts with Inhibitory Effects on Bacterial Biofilm Growth. Journal of Natural Products, 2021, 84, 26-36.	3.0	9
67	Highly Polar Triterpenoid Saponins from the Roots ofSaponaria officinalisL.. Helvetica Chimica Acta, 2016, 99, 347-354.	1.6	8
68	Giffonins, Antioxidant Diarylheptanoids from Corylus avellana, and Their Ability to Prevent Oxidative Changes in Human Plasma Proteins. Journal of Natural Products, 2021, 84, 646-653.	3.0	8
69	Metabolomics of Healthy Berry Fruits. Current Medicinal Chemistry, 2019, 25, 4888-4902.	2.4	8
70	Corylus avellana: A Source of Diarylheptanoids With Î±-Glucosidase Inhibitory Activity Evaluated by in vitro and in silico Studies. Frontiers in Plant Science, 2022, 13, 805660.	3.6	8
71	Portulaca oleracea, a rich source of polar lipids: Chemical profile by LC-ESI/LTQOrbitrap/MS/MS and in vitro preliminary anti-inflammatory activity. Food Chemistry, 2022, 388, 132968.	8.2	8
72	Metabolite Profiling of â€œGreenâ€•Extracts of Cynara cardunculus subsp. scolymus, Cultivar â€œCarciofo di Paestumâ€•PGI by 1H NMR and HRMS-Based Metabolomics. Molecules, 2022, 27, 3328.	3.8	8

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73	Effects of bio-fertilizers on the production of specialized metabolites in Salvia officinalis L. leaves: An analytical approach based on LC-ESI/LTQ-Orbitrap/MS and multivariate data analysis. Journal of Pharmaceutical and Biomedical Analysis, 2021, 197, 113951.	2.8	7
74	Salviolone from Salvia miltiorrhiza Roots Impairs Cell Cycle Progression, Colony Formation, and Metalloproteinase-2 Activity in A375 Melanoma Cells: Involvement of P21(Cip1/Waf1) Expression and STAT3 Phosphorylation. International Journal of Molecular Sciences, 2022, 23, 1121.	4.1	6
75	LC-ESI/LTQOrbitrap/MS/MSn Analysis Reveals Diarylheptanoids and Flavonol O-glycosides in Fresh and Roasted Hazelnut (Corylus avellana cultivar â€œTonda di Giffoniâ€). Natural Product Communications, 2018, 13, 1934578X1801300.	0.5	5
76	Cardenolide-rich fraction of Pergularia tomentosa as a novel Antiangiogenic agent mainly targeting endothelial cell migration. DARU, Journal of Pharmaceutical Sciences, 2020, 28, 533-543.	2.0	5
77	LCâ€ESI / HRMS analysis of glucosinolates, oxylipins and phenols in Italian rocket salad (Diplotaxis) Tj ETQq1 1 0.784314 rgBT /Overlo Food and Agriculture, 2021, 101, 5872-5879.	3.5	5
78	Pouteria lucuma Pulp and Skin: In Depth Chemical Profile and Evaluation of Antioxidant Activity. Molecules, 2021, 26, 5236.	3.8	5
79	Chemical profiling and biological screening with potential anti-inflammatory activity of Callisia fragrans grown in Egypt. Natural Product Research, 2021, 35, 5521-5524.	1.8	4
80	Garcinia mangostana L. fruits and derived food supplements: Identification and quantitative determination of bioactive xanthones by NMR analysis. Journal of Pharmaceutical and Biomedical Analysis, 2022, 218, 114835.	2.8	1