

Paola Montoro

List of Publications by Year in Descending Order

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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.

85
papers

2,440
citations

27
h-index

45
g-index

88
ext. papers

2,829
ext. citations

4.2
avg, IF

5
L-index

#	Paper	IF	Citations
85	Licorice (<i>Glycyrrhiza glabra</i> , <i>G. uralensis</i> , and <i>G. inflata</i>) and Their Constituents as Active Cosmeceutical Ingredients. <i>Cosmetics</i> , 2022 , 9, 7	2.7	4
84	Effects of bio-fertilizers on the production of specialized metabolites in <i>Salvia officinalis</i> L. leaves: An analytical approach based on LC-ESI/LTQ-Orbitrap/MS and multivariate data analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 197, 113951	3.5	1
83	Effect of Very-Low-Calorie Ketogenic Diet on Psoriasis Patients: A Nuclear Magnetic Resonance-Based Metabolomic Study. <i>Journal of Proteome Research</i> , 2021 , 20, 1509-1521	5.6	11
82	LC-ESI/LTQOrbitrap/MS Metabolomic Analysis of Fennel Waste (Mill.) as a Byproduct Rich in Bioactive Compounds. <i>Foods</i> , 2021 , 10,	4.9	3
81	Comparative Phytochemical Characterization, Genetic Profile, and Antiproliferative Activity of Polyphenol-Rich Extracts from Pigmented Tubers of Different Varieties. <i>Molecules</i> , 2020 , 25,	4.8	15
80	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 179, 112926	3.5	11
79	Evaluation of bioactive compounds and antioxidant capacity of edible feijoa (<i>O. Berg</i>) Burret) flower extracts. <i>Journal of Food Science and Technology</i> , 2020 , 57, 2051-2060	3.3	6
78	Metabolite profiling and antioxidant activity of the polar fraction of Italian almonds (Toritto and Avola): Analysis of seeds, skins, and blanching water. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 190, 113518	3.5	10
77	NMR-based metabolomic profile of hypercholesterolemic human sera: Relationship with in vitro gene expression?. <i>PLoS ONE</i> , 2020 , 15, e0231506	3.7	1
76	Plant Specialized Metabolites in Hazelnut (<i>Corylus avellana</i>) Kernel and Byproducts: An Update on Chemistry, Biological Activity, and Analytical Aspects. <i>Planta Medica</i> , 2019 , 85, 840-855	3.1	13
75	HPTLC-PCA Complementary to HRMS-PCA in the Case Study of Antioxidant Phenolic Profiling. <i>Foods</i> , 2019 , 8,	4.9	7
74	Identification of Bioactive Phytochemicals in Mulberries. <i>Metabolites</i> , 2019 , 10,	5.6	10
73	HR-LC-ESI-Orbitrap-MS based metabolite profiling of <i>Prunus dulcis</i> Mill. (Italian cultivars Toritto and Avola) husks and evaluation of antioxidant activity. <i>Phytochemical Analysis</i> , 2019 , 30, 415-423	3.4	11
72	First characterization of <i>Pompia intrea</i> candied fruit: The headspace chemical profile, polar extract composition and its biological activities. <i>Food Research International</i> , 2019 , 120, 620-630	7	9
71	LC-ESI/LTQOrbitrap/MS based metabolomics in analysis of <i>Myrtus communis</i> leaves from Sardinia (Italy). <i>Industrial Crops and Products</i> , 2019 , 128, 354-362	5.9	13
70	In depth LC-ESIMS-guided phytochemical analysis of <i>Ziziphus jujuba</i> Mill. leaves. <i>Phytochemistry</i> , 2019 , 159, 148-158	4	14
69	In depth chemical investigation of <i>Glycyrrhiza triphylla</i> Fisch roots guided by a preliminary HPLC-ESIMS profiling. <i>Food Chemistry</i> , 2018 , 248, 128-136	8.5	15

68	Metabolite profiling of "green" extracts of <i>Corylus avellana</i> leaves by H NMR spectroscopy and multivariate statistical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 160, 168-178	3.5	19
67	Selected Enzyme Inhibitory Effects of Extracts. <i>BioMed Research International</i> , 2018 , 2018, 1219367	3	9
66	Biogenic amines and other polar compounds in long aged oxidized Vernaccia di Oristano white wines. <i>Food Research International</i> , 2018 , 111, 97-103	7	11
65	Saliva of patients affected by salivary gland tumour: An NMR metabolomics analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 160, 436-442	3.5	10
64	Metabolomics of Healthy Berry Fruits. <i>Current Medicinal Chemistry</i> , 2018 , 25, 4888-4902	4.3	5
63	Combination of LC-MS based metabolomics and antioxidant activity for evaluation of bioactive compounds in <i>Fragaria vesca</i> leaves from Italy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 150, 233-240	3.5	25
62	Metabolomics and antioxidant activity of the leaves of <i>Prunus dulcis</i> Mill. (Italian cvs. Toritto and Avola). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 158, 54-65	3.5	13
61	Characterization, phenolic profile, nitrogen compounds and antioxidant activity of Carignano wines. <i>Journal of Food Composition and Analysis</i> , 2017 , 58, 60-68	4.1	27
60	A serum nuclear magnetic resonance-based metabolomic signature of antiphospholipid syndrome. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 133, 90-95	3.5	8
59	LC-MS based metabolomics study of different parts of myrtle berry from Sardinia (Italy). <i>Journal of Berry Research</i> , 2017 , 7, 217-229	2	12
58	Targeted and untargeted mass spectrometric approaches in discrimination between <i>Myrtus communis</i> cultivars from Sardinia region. <i>Journal of Mass Spectrometry</i> , 2016 , 51, 704-15	2.2	17
57	Profiling and Simultaneous Quantitative Determination of Anthocyanins in Wild <i>Myrtus communis</i> L. Berries from Different Geographical Areas in Sardinia and their Comparative Evaluation. <i>Phytochemical Analysis</i> , 2016 , 27, 249-56	3.4	11
56	Steviol glycosides targeted analysis in leaves of <i>Stevia rebaudiana</i> (Bertoni) from plants cultivated under chilling stress conditions. <i>Food Chemistry</i> , 2016 , 190, 572-580	8.5	23
55	Antioxidant activity, cytotoxic activity and metabolic profiling of juices obtained from saffron (<i>Crocus sativus</i> L.) floral by-products. <i>Food Chemistry</i> , 2016 , 199, 18-27	8.5	46
54	Biological Activities of Aerial Parts Extracts of <i>Euphorbia characias</i> . <i>BioMed Research International</i> , 2016 , 2016, 1538703	3	23
53	Characterisation of <i>Fragaria vesca</i> fruit from Italy following a metabolomics approach through integrated mass spectrometry techniques. <i>LWT - Food Science and Technology</i> , 2016 , 74, 387-395	5.4	16
52	A new approach to discriminate <i>Rosmarinus officinalis</i> L. plants with antioxidant activity, based on HPTLC fingerprint and targeted phenolic analysis combined with PCA. <i>Industrial Crops and Products</i> , 2016 , 94, 665-672	5.9	21
51	Integrated mass spectrometric and multivariate data analysis approaches for the discrimination of organic and conventional strawberry (<i>Fragaria ananassa</i> Duch.) crops. <i>Food Research International</i> , 2015 , 77, 264-272	7	16

50	Medicinal plants in the treatment of women's disorders: Analytical strategies to assure quality, safety and efficacy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 113, 189-211	3.5	17
49	Quali-quantitative determination of triterpenic acids of <i>Ziziphus jujuba</i> fruits and evaluation of their capability to interfere in macrophages activation inhibiting NO release and iNOS expression. <i>Food Research International</i> , 2015 , 77, 109-117	7	27
48	Metabolic profiling of <i>Vitex agnus castus</i> leaves, fruits and sprouts: analysis by LC/ESI/(QqQ)MS and (HR) LC/ESI/(Orbitrap)/MS n. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 102, 215-21	3.5	31
47	<i>Moringa oleifera</i> : study of phenolics and glucosinolates by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014 , 49, 900-10	2.2	56
46	Integrated mass spectrometry approach to profile proanthocyanidins occurring in food supplements: analysis of <i>Potentilla erecta</i> L. rhizomes. <i>Food Chemistry</i> , 2013 , 141, 4171-8	8.5	14
45	LC-ESI-MS quali-quantitative determination of phenolic constituents in different parts of wild and cultivated <i>Astragalus gombiformis</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 72, 89-98	3.5	30
44	Flavonocoumarins from <i>Guazuma ulmifolia</i> bark and evaluation of their affinity for STAT1. <i>Phytochemistry</i> , 2013 , 86, 64-71	4	10
43	Determination of six steviol glycosides of <i>Stevia rebaudiana</i> (Bertoni) from different geographical origin by LC-ESI-MS/MS. <i>Food Chemistry</i> , 2013 , 141, 745-53	8.5	30
42	Phytochemical composition of L. analyzed by an integrative GC-MS and LC-MS metabolomics platform. <i>Metabolomics</i> , 2013 , 9, 599-607	4.7	55
41	Radical scavenging activity and LC-MS metabolic profiling of petals, stamens, and flowers of <i>Crocus sativus</i> L. <i>Journal of Food Science</i> , 2012 , 77, C893-900	3.4	40
40	Liquid chromatography tandem mass spectrometry determination of chemical markers and principal component analysis of <i>Vitex agnus-castus</i> L. fruits (Verbenaceae) and derived food supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 70, 224-30	3.5	33
39	Antinociceptive effects of an extract, fraction and an isolated compound of the stem bark of <i>Maytenus rigida</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012 , 22, 598-603	2	7
38	Antioxidant bibenzyl derivatives from <i>Notholaena nivea</i> Desv. <i>Molecules</i> , 2011 , 16, 2527-41	4.8	11
37	Strong antioxidant phenolics from <i>Acacia nilotica</i> : profiling by ESI-MS and qualitative-quantitative determination by LC-ESI-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 56, 228-39	3.5	28
36	Steroidal saponins from <i>Yucca gloriosa</i> L. rhizomes: LC-MS profiling, isolation and quantitative determination. <i>Phytochemistry</i> , 2011 , 72, 126-35	4	20
35	Profiling of phenolics from <i>Tephrosia cinerea</i> . <i>Planta Medica</i> , 2011 , 77, 1861-4	3.1	1
34	Metabolic profiling of roots of liquorice (<i>Glycyrrhiza glabra</i>) from different geographical areas by ESI/MS/MS and determination of major metabolites by LC-ESI/MS and LC-ESI/MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 54, 535-44	3.5	119
33	Phenolic compounds from <i>Byrsonima crassifolia</i> L. bark: phytochemical investigation and quantitative analysis by LC-ESI MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 56, 1-6	3.5	18

32	Metabolite fingerprinting of <i>Camptotheca acuminata</i> and the HPLC-ESI-MS/MS analysis of camptothecin and related alkaloids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 405-15	3.5	32
31	Determination of steroidal glycosides in <i>Yucca gloriosa</i> flowers by LC/MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 52, 791-5	3.5	17
30	ESI-MS, ESI-MS/MS Fingerprint and LC-ESI-MS Analysis of Proanthocyanidins from <i>Bursera simaruba</i> Sarg Bark. <i>Natural Product Communications</i> , 2009 , 4, 1934578X0900401	0.9	0
29	Phenolic compounds from <i>Bursera simaruba</i> Sarg. bark: phytochemical investigation and quantitative analysis by tandem mass spectrometry. <i>Phytochemistry</i> , 2009 , 70, 641-9	4	23
28	Flavonoid characterization and antioxidant activity of hydroalcoholic extracts from <i>Achillea ligustica</i> All. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 440-8	3.5	41
27	Chemical analysis and quality control of <i>Ginkgo biloba</i> leaves, extracts, and phytopharmaceuticals. <i>Journal of Chromatography A</i> , 2009 , 1216, 2002-32	4.5	379
26	Quantitative Analysis of Caffeoylquinic Acids and Styrylpyrones in <i>Sweetia panamensis</i> Bark by UPLC. <i>Chromatographia</i> , 2009 , 70, 1621-1626	2.1	0
25	Screening of the topical anti-inflammatory activity of the bark of <i>Acacia cornigera</i> Willdenow, <i>Byrsonima crassifolia</i> Kunth, <i>Sweetia panamensis</i> Yakovlev and the leaves of <i>Sphagneticola trilobata</i> Hitchcock. <i>Journal of Ethnopharmacology</i> , 2009 , 122, 430-3	5	53
24	Qualitative Profile and Quantitative Determination of Flavonoids from <i>Crocus Sativus</i> L. Petals by LC-MS/MS. <i>Natural Product Communications</i> , 2008 , 3, 1934578X0800301	0.9	6
23	Determination of phenolic compounds in <i>Yucca gloriosa</i> bark and root by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 854-9	3.5	14
22	High-performance liquid chromatographic separation and identification of polyphenolic compounds from the infusion of <i>Davilla elliptica</i> St. Hill. <i>Phytochemical Analysis</i> , 2008 , 19, 17-24	3.4	18
21	<i>Yucca gloriosa</i> : a source of phenolic derivatives with strong antioxidant activity. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 6636-42	5.7	23
20	Gloriosaols A and B, two novel phenolics from <i>Yucca gloriosa</i> : structural characterization and configurational assignment by a combined NMR-quantum mechanical strategy. <i>Tetrahedron</i> , 2007 , 63, 148-154	2.4	49
19	Flavonoids and isoflavonoids from <i>Gynerium sagittatum</i> . <i>Phytochemistry</i> , 2007 , 68, 1277-84	4	24
18	Metabolic fingerprinting using direct flow injection electrospray ionization tandem mass spectrometry for the characterization of proanthocyanidins from the barks of <i>Hancornia speciosa</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 1907-14	2.2	45
17	Antiproliferative and pro-apoptotic activity of novel phenolic derivatives of resveratrol. <i>Life Sciences</i> , 2007 , 81, 873-83	6.8	16
16	Furostanol saponins from <i>Yucca gloriosa</i> L. rhizomes. <i>Biochemical Systematics and Ecology</i> , 2006 , 34, 809-814	4	28
15	Relative effects of phenolic constituents from <i>Yucca schidigera</i> Roezl. bark on Kaposi's sarcoma cell proliferation, migration, and PAF synthesis. <i>Biochemical Pharmacology</i> , 2006 , 71, 1479-87	6	42

14	Galactosyl derivatives of L-arginine and D-arginine: synthesis, stability, cell permeation, and nitric oxide production in pituitary GH3 cells. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 4826-33	8.3	13
13	Characterisation by liquid chromatography-electrospray tandem mass spectrometry of anthocyanins in extracts of <i>Myrtus communis</i> L. berries used for the preparation of myrtle liqueur. <i>Journal of Chromatography A</i> , 2006 , 1112, 232-40	4.5	67
12	Catechin derivatives in <i>Jatropha macrantha</i> stems: characterisation and LC/ESI/MS/MS quali-quantitative analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 40, 639-47	3.5	38
11	Stability and antioxidant activity of polyphenols in extracts of <i>Myrtus communis</i> L. berries used for the preparation of myrtle liqueur. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 1614-9	3.5	97
10	Phenylpropanoid glycosides from <i>Tynanthus panurensis</i> : characterization and LC-MS quantitative analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 2853-8	5.7	16
9	Structure-antioxidant activity relationships of flavonoids isolated from different plant species. <i>Food Chemistry</i> , 2005 , 92, 349-355	8.5	134
8	Identification by HPLC-PAD-MS and quantification by HPLC-PAD of phenylethanoid glycosides of five <i>Phlomis</i> species. <i>Phytochemical Analysis</i> , 2005 , 16, 1-6	3.4	50
7	Flavonoids from the leaves of <i>Cyclanthera pedata</i> : two new malonyl derivatives. <i>Phytochemical Analysis</i> , 2005 , 16, 210-6	3.4	9
6	Application of liquid chromatography/electrospray ionization tandem mass spectrometry to the analysis of polyphenolic compounds from an infusion of <i>Byrsonima crassa</i> Niedenzu. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 2244-50	2.2	24
5	Analysis of flavonoids from <i>Cyclanthera pedata</i> fruits by liquid chromatography/electrospray mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 34, 295-304	3.5	24
4	Identification and quantification of components in extracts of <i>Uncaria tomentosa</i> by HPLC-ES/MS. <i>Phytochemical Analysis</i> , 2004 , 15, 55-64	3.4	32
3	Liquid chromatography/tandem mass spectrometry of unusual phenols from <i>Yucca schidigera</i> bark: comparison with other analytical techniques. <i>Journal of Mass Spectrometry</i> , 2004 , 39, 1131-8	2.2	15
2	<i>Yucca schidigera</i> bark: phenolic constituents and antioxidant activity. <i>Journal of Natural Products</i> , 2004 , 67, 882-5	4.9	77
1	Studies on the constituents of <i>Cyclanthera pedata</i> fruits: isolation and structure elucidation of new flavonoid glycosides and their antioxidant activity. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 5156-60	5.7	19