Marina Stefova

List of Publications by Year in descending order

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Version: 2024-02-01

93 papers	2,260 citations	236833 25 h-index	254106 43 g-index
93 all docs	93 docs citations	93 times ranked	3389 citing authors

#	Article	IF	Citations
1	Separation, Characterization and Quantification of Phenolic Compounds in Blueberries and Red and Black Currants by HPLCâ"DADâ"ESI-MSⁿ. Journal of Agricultural and Food Chemistry, 2011, 59, 4009-4018.	2.4	212
2	HPLC-DAD-ESI-MSn identification of phenolic compounds in cultivated strawberries from Macedonia. Macedonian Journal of Chemistry and Chemical Engineering, 2013, 29, 181.	0.2	141
3	Comparison of Different Extraction Solvent Mixtures for Characterization of Phenolic Compounds in Strawberries. Journal of Agricultural and Food Chemistry, 2011, 59, 5272-5278.	2.4	93
4	Determination of the polyphenol contents in Macedonian grapes and wines by standardized spectrophotometric methods. Journal of the Serbian Chemical Society, 2010, 75, 45-59.	0.4	91
5	Identification of polyphenolic compounds in red and white grape varieties grown in R. Macedonia and changes of their content during ripening. Food Research International, 2011, 44, 2851-2860.	2.9	78
6	Polyphenolic content of Vranec wines produced by different vinification conditions. Food Chemistry, 2011, 124, 316-325.	4.2	76
7	Polyphenolic characterization and chromatographic methods for fast assessment of culinary Salvia species from South East Europe. Journal of Chromatography A, 2013, 1282, 38-45.	1.8	71
8	Effect of winemaking treatment and wine aging on phenolic content in Vranec wines. Journal of Food Science and Technology, 2012, 49, 161-172.	1.4	68
9	Calcium Binding and Transport by Coenzyme Q. Journal of the American Chemical Society, 2011, 133, 9293-9303.	6.6	64
10	Phenolic compounds and antioxidant activity of Macedonian red wines. Journal of Food Composition and Analysis, 2015, 41, 1-14.	1.9	58
11	Potential bioactive phenolics of Macedonian Sideritis species used for medicinal â€œMountain Teaâ€• Food Chemistry, 2011, 125, 13-20.	4.2	57
12	Phenolic profile and biological activity of Hypericum perforatum L.: Can roots be considered as a new source of natural compounds?. South African Journal of Botany, 2018, 117, 301-310.	1.2	47
13	Stilbene levels and antioxidant activity of Vranec and Merlot wines from Macedonia: Effect of variety and enological practices. Food Chemistry, 2012, 135, 3003-3009.	4.2	44
14	Study of the influence of maceration time and oenological practices on the aroma profile of Vranec wines. Food Chemistry, 2014, 165, 506-514.	4.2	44
15	Hydroxylated derivatives of dimethoxy-1,4-benzoquinone as redox switchable earth-alkaline metal ligands and radical scavengers. Scientific Reports, 2013, 3, 1865.	1.6	40
16	Volatile Composition of Macedonian and Hungarian Wines Assessed by GC/MS. Food and Bioprocess Technology, 2013, 6, 1609-1617.	2.6	35
17	Chemical constituents of the essential oils ofSideritis scardicaGriseb. andSideritis raeseriBoiss and Heldr. from Bulgaria and Macedonia. Natural Product Research, 2007, 21, 819-823.	1.0	34
18	Identification and quantification of phenolic compounds in Hypericum perforatum L. transgenic shoots. Acta Physiologiae Plantarum, 2014, 36, 2555-2569.	1.0	33

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19	Phenolic Compounds of Mountain Tea from the Balkans: LC/DAD/ESI/MSⁿ Profile and Content. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	32
20	Chemical characterization of Centaurium erythrea L. and its effects on carbohydrate and lipid metabolism in experimental diabetes. Journal of Ethnopharmacology, 2014, 152, 71-77.	2.0	32
21	Assay of flavonoid aglycones from the species of genus Sideritis (Lamiaceae) from Macedonia with HPLC-UV DAD. Acta Pharmaceutica, 2007, 57, 371-7.	0.9	31
22	Phenolic Profile of Dark-Grown and Photoperiod-ExposedHypericum perforatumL. Hairy Root Cultures. Scientific World Journal, The, 2013, 2013, 1-9.	0.8	31
23	Optimization of a solid-phase extraction method for determination of indapamide in biological fluids using high-performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 788, 199-206.	1.2	30
24	Secondary metabolite production in Hypericum perforatum L. cell suspensions upon elicitation with fungal mycelia from Aspergillus flavus. Archives of Biological Sciences, 2012, 64, 113-121.	0.2	30
25	Phenolics and mineral content in bilberry and bog bilberry from Macedonia. International Journal of Food Properties, 2017, 20, S863-S883.	1.3	30
26	Chemotaxonomic contribution to the Sideritis species dilemma on the Balkans. Biochemical Systematics and Ecology, 2015, 61, 477-487.	0.6	29
27	Hairy roots of Hypericum perforatum L.: a promising system for xanthone production. Open Life Sciences, 2013, 8, 1010-1022.	0.6	26
28	Production of phenolic compounds, antioxidant and antimicrobial activities in hairy root and shoot cultures of Hypericum perforatum L.. Plant Cell, Tissue and Organ Culture, 2017, 128, 589-605.	1.2	26
29	Agrobacterium enhances xanthone production in Hypericum perforatum cell suspensions. Plant Growth Regulation, 2015, 76, 199-210.	1.8	25
30	An iridoid and a flavonoid from Sideritis lanata L.. FÃ¬toterapÃ¬Ã¢, 2009, 80, 51-53.	1.1	24
31	Effect of the Winemaking Practices and Aging on Phenolic Content of Smederevka and Chardonnay Wines. Food and Bioprocess Technology, 2011, 4, 1512-1518.	2.6	24
32	Assay of Urinary Excretion of Polyphenols after Ingestion of a Cup of Mountain Tea (Sideritis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 10488-10497.	2.4	24
33	HPLC method for determination of verapamil in human plasma after solid-phase extraction. Journal of Proteomics, 2008, 70, 1297-1303.	2.4	21
34	Flavonoids and Other Phenolic Compounds in Needles ofPinus peuceand Other Pine Species from the Macedonian Flora. Natural Product Communications, 2015, 10, 1934578X1501000.	0.2	21
35	Callus cultures of Hypericum perforatum L. a novel and efficient source for xanthone production. Plant Cell, Tissue and Organ Culture, 2016, 125, 309-319.	1.2	21
36	ASSAY OF FLAVONOLS AND QUANTIFICATION OF QUERCETIN IN MEDICINAL PLANTS BY HPLC WITH UV-DIODE ARRAY DETECTION. Journal of Liquid Chromatography and Related Technologies, 2001, 24, 2283-2292.	0.5	20

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37	High-performance liquid chromatographic determination of diltiazem in human plasma after solid-phase and liquid?liquid extraction. Analytical and Bioanalytical Chemistry, 2003, 376, 848-853.	1.9	20
38	Rapid MALDI-TOF-MS Detection of Anthocyanins in Wine and Grape Using Different Matrices. Food Analytical Methods, 2011, 4, 108-115.	1.3	20
39	HPLC method validation and application for organic acid analysis in wine after solid-phase extraction. Macedonian Journal of Chemistry and Chemical Engineering, 2016, 35, 225.	0.2	20
40	Phenolic compounds of mountain tea from the Balkans: LC/DAD/ESI/MSn profile and content. Natural Product Communications, 2011, 6, 21-30.	0.2	20
41	Determination of Vitamin B12in Multivitamin Tablets by High Performance Liquid Chromatography. Analytical Letters, 1997, 30, 2723-2731.	1.0	18
42	Influence of the Extraction Method on the Yield of Flavonoids and Phenolics from Sideritis spp. (Pirin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	16
43	NMR Profiling of North Macedonian and Bulgarian Honeys for Detection of Botanical and Geographical Origin. Molecules, 2020, 25, 4687.	1.7	16
44	Influence of the extraction method on the yield of flavonoids and phenolics from Sideritis spp. (Pirin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	16
45	IDENTIFICATION, ISOLATION, AND DETERMINATION OF FLAVONES IN ORIGANUM VULGARE FROM MACEDONIAN FLORA. Journal of Liquid Chromatography and Related Technologies, 2001, 24, 589-600.	0.5	15
46	Evaluation of the ion trap MS performance for quantification of flavonoids and comparison to UV detection. Journal of Mass Spectrometry, 2012, 47, 1395-1406.	0.7	15
47	Polyphenols in Representative Teucrium Species in the Flora of R. Macedonia: LC/DAD/ESI-MSⁿ Profile and Content. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	15
48	Assay of the phenolic profile of merlot wines from Macedonia: Effect of maceration time, storage, SO₂ and temperature of storage. Macedonian Journal of Chemistry and Chemical Engineering, 2013, 28, 141.	0.2	15
49	Validation of a Method for Analysis of Aroma Compounds in Red Wine using Liquidâ€“Liquid Extraction and GCâ€“MS. Food Analytical Methods, 2012, 5, 1427-1434.	1.3	14
50	Characterization of the Polyphenolic Profiles of Peel, Flesh and Leaves of Malus domestica Cultivars Using UHPLC-DAD-HESI-MSⁿ. Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	14
51	State of antioxidant systems and phenolic compoundsâ€™ production in Hypericum perforatum L. hairy roots. Acta Physiologiae Plantarum, 2019, 41, 1.	1.0	14
52	Multi-element analysis of Macedonian wines by inductively coupled plasmaâ€“mass spectrometry (ICPâ€“MS) and inductively coupled plasmaâ€“optical emission spectrometry (IPâ€“OES) for regional classification. Macedonian Journal of Chemistry and Chemical Engineering, 2013, 32, 265.	0.2	14
53	Optimization and validation of a derivatization method for analysis of biogenic amines in wines using RP-HPLC-DAD. Macedonian Journal of Chemistry and Chemical Engineering, 2016, 35, 19.	0.2	14
54	Chemical Characterization and Antioxidant Activity of Mountain Pine (Pinus mugo Turra, Pinaceae) from Republic of Macedonia. Records of Natural Products, 2018, 13, 50-63.	1.3	14

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55	Dietary Burden of Phenolics per Serving of â€œMountain Teaâ€•(Sideritis) from Macedonia and Correlation to Antioxidant Activity. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	12
56	Resource assessment and economic potential of bilberries (Vaccinium myrtillus and Vaccinium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	2.5	12
57	Ultra-Performance Liquid Chromatography-Triple Quadruple Mass Spectrometry (UPLC-TQ/MS) for Evaluation of Biogenic Amines in Wine. Food Analytical Methods, 2017, 10, 4038-4048.	1.3	12
58	Comparison of different extraction solvents for assay of the polyphenol content in the peel and pulp of 21 apple cultivars from Macedonia. Macedonian Journal of Chemistry and Chemical Engineering, 2016, 35, 29.	0.2	12
59	QSRR of Flavones: Evaluation of Substituent Contributions to RP HPLC Retention. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 1035-1049.	0.5	11
60	HPLC identification and determination of myricetin, quercetin, kaempferol and total flavonoids in herbal drugs. Makedonsko Farmacevtski Bilten, 2003, 48, 25-30.	0.0	11
61	Comparative Study of Balkan Sideritis Species from Albania, Bulgaria and Macedonia. European Journal of Medicinal Plants, 2015, 5, 328-340.	0.5	11
62	Fast and selective HPLC-DAD method for determination of pholcodine and related substances. Macedonian Journal of Chemistry and Chemical Engineering, 2011, 30, 139.	0.2	10
63	Dietary burden of phenolics per serving of "Mountain tea" (Sideritis) from Macedonia and correlation to antioxidant activity. Natural Product Communications, 2011, 6, 1305-14.	0.2	10
64	Identification and Quantification of Bisâ€GMA and Tegâ€DMA Released from Dental Materials by HPLC. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 289-295.	0.5	9
65	Fast and Universal HPLC Method for Determination of Permethrin in Formulations Using 1.8-Âm Particle-Packed Column and Performance Comparison with Other Column Types. Journal of Chromatographic Science, 2012, 50, 43-50.	0.7	8
66	Study of organochlorine pesticide residues in water, sediment and fish tissue in Lake Ohrid (Macedonia/Albania). Macedonian Journal of Chemistry and Chemical Engineering, 2011, 30, 163.	0.2	8
67	New insights into the chemistry of Coenzyme Q-0: A voltammetric and spectroscopic study. Bioelectrochemistry, 2016, 111, 100-108.	2.4	7
68	Strategy for optimized use of LC-MS for determination of the polyphenolic profiles of apple peel, flesh and leaves. Arabian Journal of Chemistry, 2019, 12, 5180-5186.	2.3	7
69	Identification and quantification of phenolic compounds in pomegranate juices from eight Macedonian cultivars. Macedonian Journal of Chemistry and Chemical Engineering, 2019, 38, 149.	0.2	7
70	Application of a Novel Small-Scale Sample Cleanup Procedure Prior to MALDI-TOF-MS for Rapid Pigment Fingerprinting of Red Wines. Food Analytical Methods, 2014, 7, 820-827.	1.3	6
71	Comparison of the Effect of Acids in Solvent Mixtures for Extraction of Phenolic Compounds From Aronia melanocarpa. Natural Product Communications, 2020, 15, 1934578X2093467.	0.2	6
72	Characterization of urinary bioactive phenolic metabolites excreted after consumption of a cup of mountain tea (Sideritis scardica) using liquid chromatography â€“ tandem mass spectrometry. Macedonian Journal of Chemistry and Chemical Engineering, 2012, 31, 229.	0.2	6

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73	LC/DAD/MSⁿ and ICP-AES Assay and Correlations between Phenolic Compounds and Toxic Metals in Endemic Thymus alsarensis from the Thallium Enriched Allchar Locality. Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	5
74	N''-[(3Z)-1-Acetyl-5-chloro-2-oxo-1,2-dihydro-3H-indol-3-ylidene]thiocarbonohydrazide. MolBank, 2013, 2013, M798.	0.2	4
75	Simultaneous Determination of Essential Oil Components and Fatty Acids in Fennel using Gas Chromatography with a Polar Capillary Column. Natural Product Communications, 2015, 10, 1934578X1501000.	0.2	4
76	Development and Validation of Fast, Simple, Cost-effective and Robust RP-HPLC Method for Simultaneous Determination of Lisinopril and Amlodipine in Tablets. Analytical Chemistry Letters, 2019, 9, 385-402.	0.4	4
77	Simultaneous RP-HPLC-DAD determination of dansyl amino acids in chemically treated human hair. Macedonian Journal of Chemistry and Chemical Engineering, 2018, 37, .	0.2	4
78	HPLC determination of hydrochlorothiazide in urine after solid-phase extraction. Makedonsko Farmacevtski Bilten, 2005, 51, 23-28.	0.0	4
79	A simple HPLC method for determination of permethrin residues in wine. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2010, 45, 694-701.	0.7	3
80	Systematic HPLC/DAD/MSn study on the extraction efficiency of polyphenols from black goji: Citric and ascorbic acid as alternative acid components in the extraction mixture. Journal of Berry Research, 2021, 11, 611-630.	0.7	3
81	HPLC and UV-spectrophotometry analysis of flavonoids in spray-dried and freez-dried extracts of Teucrium polium L. (Lamiaceae). Makedonsko Farmacevtski Bilten, 2012, 58, 39-44.	0.0	3
82	Seasonal variation of flavonoids in Teucrium polium L. (Lamiaceae). Makedonsko Farmacevtski Bilten, 2009, 55, 33-40.	0.0	2
83	Changes in Volatile Compounds during Aging of Sweet Fennel Fruits-Comparison of Hydrodistillation and Static Headspace Sampling Methods. Natural Product Communications, 2016, 11, 1934578X1601100.	0.2	1
84	Flavonoids. , 2005, , 629-636.		1
85	Flavonoids. , 2009, , .		1
86	Development and validation of a fast, simple, cost-effective and robust HPLC method for lisinopril determination in solid pharmaceutical dosage forms. Macedonian Journal of Chemistry and Chemical Engineering, 2017, 36, 201.	0.2	1
87	Comparative investigation of the sweet and bitter orange essential oil (Citrus sinensis and Citrus) Tj ETQq1 1 0.784314 rgBT /Overloc	0.0	1
88	Forced degradation studies and structural characterization of related substances of bisoprolol fumarate in finished drug product using LC-UV-MS/MS. Journal of the Serbian Chemical Society, 2022, 87, 1185-1202.	0.4	1
89	RPâ€HPLC Method for Simultaneous Determination of Thiobenzanilide and its Oxidation Products: Monitoring the Oxidation of Thiobenzanilide with Jones' Reagent. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 2391-2401.	0.5	0
90	Identification of Novel Hydroxyl-Benzoquinones as Redox Switchable Calcium Chelators and Potent Biological Antioxidants. Biophysical Journal, 2013, 104, 607a.	0.2	0

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91	Determination of flavones in species of Thymus L. (Lamiaceae) from Macedonian flora. Makedonsko Farmacevtski Bilten, 2001, 47, 9-14.	0.0	0
92	Identification and determination of flavonoids in Eryngii herba (Eryngium campestre L., Apiaceae). Makedonsko Farmacevtski Bilten, 2006, 52, 73-80.	0.0	0
93	Determination of phenolic compounds in methanolic extracts of flowering stems and rosette leaves of Sideritis raeseri. Makedonsko Farmacevtski Bilten, 2022, 66, 15-16.	0.0	0