

# Jelena Ä•TrifkoviÄ

## List of Publications by Year in descending order

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57  
papers

1,540  
citations

257450

24  
h-index

330143

37  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive electrophoretic profiling of proteins as a powerful tool for authenticity assessment of seeds of cultivated berry fruits. <i>Food Chemistry</i> , 2022, 383, 132583.	8.2	3
2	Primary Metabolite Chromatographic Profiling as a Tool for Chemotaxonomic Classification of Seeds from Berry Fruits. <i>Food Technology and Biotechnology</i> , 2022, 60, 406-417.	2.1	3
3	Melissopalynology analysis, determination of physicochemical parameters, sugars and phenolics in Maltese honey collected in different seasons. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 983-995.	0.8	3
4	Screening of semi-volatile compounds in plants treated with coated cerium oxide nanoparticles by comprehensive two-dimensional gas chromatography. <i>Journal of Separation Science</i> , 2021, 44, 2260-2268.	2.5	2
5	Two aspects of honeydew honey authenticity: Application of advance analytical methods and chemometrics. <i>Food Chemistry</i> , 2020, 305, 125457.	8.2	29
6	Assessment of radioactivity contribution and transfer characteristics of natural radionuclides in agroecosystem. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 805-815.	1.5	11
7	Physicochemical analysis and phenolic profile of polyfloral and honeydew honey from Montenegro. <i>RSC Advances</i> , 2020, 10, 2462-2471.	3.6	20
8	Recent trends in image evaluation of HPTLC chromatograms. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 291-299.	1.0	12
9	Comparison of Custodiol® and modified St. Thomas cardioplegia for myocardial protection in coronary artery bypass grafting. <i>Vojnosanitetski Pregled</i> , 2020, 77, 1126-1134.	0.2	0
10	Distribution of elements in seeds of some wild and cultivated fruits. Nutrition and authenticity aspects. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 546-554.	3.5	12
11	The content of toxic and essential elements in trabecular and cortical femoral neck: a correlation with whole blood samples. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16577-16587.	5.3	5
12	Phenolic Composition Influences the Health-Promoting Potential of Bee-Pollen. <i>Biomolecules</i> , 2019, 9, 783.	4.0	33
13	Towards better quality criteria of European honeydew honey: Phenolic profile and antioxidant capacity. <i>Food Chemistry</i> , 2019, 274, 629-641.	8.2	62
14	Scandium, yttrium, and lanthanide contents in soil from Serbia and their accumulation in the mushroom <i>Macrolepiota procera</i> (Scop.) Singer. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5422-5434.	5.3	28
15	Profiling of Turkish propolis subtypes: Comparative evaluation of their phytochemical compositions, antioxidant and antimicrobial activities. <i>LWT - Food Science and Technology</i> , 2018, 95, 367-379.	5.2	40
16	Determination of toxic and essential trace elements in serum of healthy and hypothyroid respondents by ICP-MS: A chemometric approach for discrimination of hypothyroidism. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 48, 134-140.	3.0	21
17	Assessment of contamination, environmental risk, and origin of heavy metals in soils surrounding industrial facilities in Vojvodina, Serbia. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 208.	2.7	25
18	Authentication of Turkish propolis through HPTLC fingerprints combined with multivariate analysis and palynological data and their comparative antioxidant activity. <i>LWT - Food Science and Technology</i> , 2018, 87, 23-32.	5.2	52

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19	Thin-layer chromatography in quantitative structure-activity relationship studies. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 272-281.	1.0	6
20	Determination of the phenolic profile of peach ( <i>Prunus persica</i> L.) kernels using UHPLCâ€“LTQ Orbitrap MS/MS technique. <i>European Food Research and Technology</i> , 2018, 244, 2051-2064.	3.3	33
21	Relationship between ripening time and sugar content of apricot ( <i>Prunus armeniaca</i> L.) kernels. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	7
22	Cyclic voltammetry and UV/Vis spectroscopy in combination with multivariate data analysis for the assessment of authenticity of poplar type propolis. <i>Journal of Apicultural Research</i> , 2017, 56, 559-568.	1.5	8
23	Influence of dietary cadmium exposure on fitness traits and its accumulation (with an overview on) Tj ETQq1 1 0.784314 rgBT /Overl Toxicology and Pharmacology, 2017, 200, 27-33.	2.6	13
24	Comparative study of different approaches for multivariate image analysis in HPTLC fingerprinting of natural products such as plant resin. <i>Talanta</i> , 2017, 162, 72-79.	5.5	50
25	Analytical Methods in Tracing Honey Authenticity. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 827-839.	1.5	46
26	Mineral Content as a Tool for the Assessment of Honey Authenticity. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 862-870.	1.5	15
27	TLC Fingerprinting and Pattern Recognition Methods in the Assessment of Authenticity of Poplar-Type Propolis. <i>Journal of Chromatographic Science</i> , 2016, 54, 1077-1083.	1.4	45
28	Metal accumulation capacity of parasol mushroom ( <i>Macrolepiota procera</i> ) from Rasina region (Serbia). <i>Environmental Science and Pollution Research</i> , 2016, 23, 13178-13190.	5.3	35
29	Bioaccumulation and effects of metals on oxidative stress and neurotoxicity parameters in the frogs from the <i>Pelophylax esculentus</i> complex. <i>Ecotoxicology</i> , 2016, 25, 1531-1542.	2.4	17
30	Phenolic profiles and antimicrobial activity of various plant resins as potential botanical sources of Serbian propolis. <i>Industrial Crops and Products</i> , 2016, 94, 856-871.	5.2	50
31	Study of silver, selenium and arsenic concentration in wild edible mushroom <i>Macrolepiota procera</i> , health benefit and risk. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22084-22098.	5.3	35
32	Biomarkers of oxidative stress and metal accumulation in marsh frog ( <i>Pelophylax ridibundus</i> ). <i>Environmental Science and Pollution Research</i> , 2016, 23, 9649-9659.	5.3	12
33	Antimicrobial Activity of Serbian Propolis Evaluated by Means of MIC, HPTLC, Bioautography and Chemometrics. <i>PLoS ONE</i> , 2016, 11, e0157097.	2.5	67
34	Uptake of metals and metalloids by <i>Conyza canadensis</i> L. from a thermoelectric power plant landfill. <i>Archives of Biological Sciences</i> , 2016, 68, 829-835.	0.5	8
35	Polyphenolic Profile of Maize Seedlings Treated with 24-Epibrassinolide. <i>Journal of Chemistry</i> , 2015, 2015, 1-10.	1.9	6
36	Poplar-type Propolis: Chemical Composition, Botanical Origin and Biological Activity. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	69

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37	Mineral content of bee pollen from Serbia / Sadržaj minerala u uzorcima pčelinjega peluda iz Srbije. Arhiv Za Higijenu Rada I Toksikologiju, 2015, 66, 251-258.	0.7	59
38	Phytoextraction of metals by <i>Erigeron canadensis</i> L. from fly ash landfill of power plant "Kolubara". Environmental Science and Pollution Research, 2015, 22, 10506-10515.	5.3	17
39	Sugar Profile of Kernels as a Marker of Origin and Ripening Time of Peach ( <i>Prunus persicae</i> L.). Plant Foods for Human Nutrition, 2015, 70, 433-440.	3.2	13
40	Ultrahigh-performance Liquid Chromatography and Mass Spectrometry (UHPLC-LTQ/Orbitrap/MS/MS) Study of Phenolic Profile of Serbian Poplar Type Propolis. Phytochemical Analysis, 2015, 26, 127-136.	2.4	72
41	Poplar-type Propolis: Chemical Composition, Botanical Origin and Biological Activity. Natural Product Communications, 2015, 10, 1869-76.	0.5	56
42	Leaching of Major and Minor Elements during the Transport and Storage of Coal Ash Obtained in Power Plant. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	8
43	Phytochemical Fingerprints of Lime Honey Collected in Serbia. Journal of AOAC INTERNATIONAL, 2014, 97, 1259-1267.	1.5	22
44	Pattern recognition methods and multivariate image analysis in HPTLC fingerprinting of propolis extracts. Journal of Chemometrics, 2014, 28, 301-310.	1.3	69
45	Phenolic profile and antioxidant activity of Serbian polyfloral honeys. Food Chemistry, 2014, 145, 599-607.	8.2	93
46	ASSESSMENT OF LIPOPHILICITY OF SOME BIOLOGICALLY ACTIVE ARYLPIPERAZINES BY RPTLC AND MULTIVARIATE ANALYSIS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2814-2828.	1.0	5
47	Correlation study of retention data and antimalarial activity of 1,2,4,5-mixed tetraoxanes with their molecular structure descriptors and LSER parameters. Journal of Pharmaceutical and Biomedical Analysis, 2014, 97, 178-183.	2.8	9
48	GIS technology in regional recognition of the distribution pattern of multifloral honey: The chemical traits in Serbia. Archives of Biological Sciences, 2014, 66, 935-946.	0.5	3
49	Correlation between structure, retention, property, and activity of biologically relevant 1,7-bis(aminoalkyl)diazachrysen derivatives. Journal of Pharmaceutical and Biomedical Analysis, 2013, 72, 231-239.	2.8	11
50	Planar Chromatographic Systems in Pattern Recognition and Fingerprint Analysis. Chromatographia, 2013, 76, 1239-1247.	1.3	39
51	Amino acids profile of Serbian unifloral honeys. Journal of the Science of Food and Agriculture, 2013, 93, 3368-3376.	3.5	46
52	Quality parameters and pattern recognition methods as a tool in tracing regional origin of multifloral honey. Journal of the Serbian Chemical Society, 2013, 78, 1875-1892.	0.8	11
53	Quantitative structure-toxicity relationship study of some natural and synthetic coumarins using retention parameters. Journal of the Serbian Chemical Society, 2012, 77, 1443-1456.	0.8	3
54	Characterisation of Serbian unifloral honeys according to their physicochemical parameters. Food Chemistry, 2012, 132, 2060-2064.	8.2	87

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55	Determination of the soil-water partition coefficients (logKOC) of some mono- and poly-substituted phenols by reversed-phase thin-layer chromatography. <i>Chemosphere</i> , 2010, 81, 299-305.	8.2	14
56	Structure-retention relationship study of arylpiperazines by linear multivariate modeling. <i>Journal of Separation Science</i> , 2010, 33, 2619-2628.	2.5	18
57	An Approximate Linear Solvation Energy Relationships Model Based on Snyder's Selectivity Parameters. Chromatographic Behavior of Some 1-Alkyl-4-Arylpiperazines. <i>Chromatographia</i> , 2008, 68, 453-458.	1.3	2