# Jelena Ä•TrifkoviÄ

List of Publications by Year
in descending order

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|---|---|---|---|
| 57<br>papers | 1,540<br>citations | 257450<br>24<br>h-index | 330143<br>37<br>g-index |
| 57<br>all docs | 57<br>docs citations | 57<br>times ranked | 2024<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Phenolic profile and antioxidant activity of Serbian polyfloral honeys. Food Chemistry, 2014, 145, 599-607. | 8.2 | 93 |
| 2 | Characterisation of Serbian unifloral honeys according to their physicochemical parameters. Food Chemistry, 2012, 132, 2060-2064. | 8.2 | 87 |
| 3 | Ultrahighâ€performance Liquid Chromatography and Mass Spectrometry (UHPLCâ€“LTQ/Orbitrap/MS/MS) Study of Phenolic Profile of Serbian Poplar Type Propolis. Phytochemical Analysis, 2015, 26, 127-136. | 2.4 | 72 |
| 4 | Pattern recognition methods and multivariate image analysis in HPTLC fingerprinting of propolis extracts. Journal of Chemometrics, 2014, 28, 301-310. | 1.3 | 69 |
| 5 | Poplar-type Propolis: Chemical Composition, Botanical Origin and Biological Activity. Natural Product Communications, 2015, 10, 1934578X1501001. | 0.5 | 69 |
| 6 | Antimicrobial Activity of Serbian Propolis Evaluated by Means of MIC, HPTLC, Bioautography and Chemometrics. PLoS ONE, 2016, 11, e0157097. | 2.5 | 67 |
| 7 | Towards better quality criteria of European honeydew honey: Phenolic profile and antioxidant capacity. Food Chemistry, 2019, 274, 629-641. | 8.2 | 62 |
| 8 | Mineral content of bee pollen from Serbia / SadrÅ¾aj minerala u uzorcima pÄelinjega peluda iz Srbije. Arhiv Za Higijenu Rada I Toksikologiju, 2015, 66, 251-258. | 0.7 | 59 |
| 9 | Poplar-type Propolis: Chemical Composition, Botanical Origin and Biological Activity. Natural Product Communications, 2015, 10, 1869-76. | 0.5 | 56 |
| 10 | Authentication of Turkish propolis through HPTLC fingerprints combined with multivariate analysis and palynological data and their comparative antioxidant activity. LWT - Food Science and Technology, 2018, 87, 23-32. | 5.2 | 52 |
| 11 | Phenolic profiles and antimicrobial activity of various plant resins as potential botanical sources of Serbian propolis. Industrial Crops and Products, 2016, 94, 856-871. | 5.2 | 50 |
| 12 | Comparative study of different approaches for multivariate image analysis in HPTLC fingerprinting of natural products such as plant resin. Talanta, 2017, 162, 72-79. | 5.5 | 50 |
| 13 | Amino acids profile of Serbian unifloral honeys. Journal of the Science of Food and Agriculture, 2013, 93, 3368-3376. | 3.5 | 46 |
| 14 | Analytical Methods in Tracing Honey Authenticity. Journal of AOAC INTERNATIONAL, 2017, 100, 827-839. | 1.5 | 46 |
| 15 | TLC Fingerprinting and Pattern Recognition Methods in the Assessment of Authenticity of Poplar-Type Propolis. Journal of Chromatographic Science, 2016, 54, 1077-1083. | 1.4 | 45 |
| 16 | Profiling of Turkish propolis subtypes: Comparative evaluation of their phytochemical compositions, antioxidant and antimicrobial activities. LWT - Food Science and Technology, 2018, 95, 367-379. | 5.2 | 40 |
| 17 | Planar Chromatographic Systems in Pattern Recognition and Fingerprint Analysis. Chromatographia, 2013, 76, 1239-1247. | 1.3 | 39 |
| 18 | Metal accumulation capacity of parasol mushroom (Macrolepiota procera) from Rasina region (Serbia). Environmental Science and Pollution Research, 2016, 23, 13178-13190. | 5.3 | 35 |

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|---|---|---|---|
| 19 | Study of silver, selenium and arsenic concentration in wild edible mushroom Macrolepiota procera, health benefit and risk. Environmental Science and Pollution Research, 2016, 23, 22084-22098. | 5.3 | 35 |
| 20 | Determination of the phenolic profile of peach (Prunus persica L.) kernels using UHPLCâ€“LTQ OrbiTrap MS/MS technique. European Food Research and Technology, 2018, 244, 2051-2064. | 3.3 | 33 |
| 21 | Phenolic Composition Influences the Health-Promoting Potential of Bee-Pollen. Biomolecules, 2019, 9, 783. | 4.0 | 33 |
| 22 | Two aspects of honeydew honey authenticity: Application of advance analytical methods and chemometrics. Food Chemistry, 2020, 305, 125457. | 8.2 | 29 |
| 23 | Scandium, yttrium, and lanthanide contents in soil from Serbia and their accumulation in the mushroom Macrolepiota procera (Scop.) Singer. Environmental Science and Pollution Research, 2019, 26, 5422-5434. | 5.3 | 28 |
| 24 | Assessment of contamination, environmental risk, and origin of heavy metals in soils surrounding industrial facilities in Vojvodina, Serbia. Environmental Monitoring and Assessment, 2018, 190, 208. | 2.7 | 25 |
| 25 | Phytochemical Fingerprints of Lime Honey Collected in Serbia. Journal of AOAC INTERNATIONAL, 2014, 97, 1259-1267. | 1.5 | 22 |
| 26 | Determination of toxic and essential trace elements in serum of healthy and hypothyroid respondents by ICP-MS: A chemometric approach for discrimination of hypothyroidism. Journal of Trace Elements in Medicine and Biology, 2018, 48, 134-140. | 3.0 | 21 |
| 27 | Physicochemical analysis and phenolic profile of polyfloral and honeydew honey from Montenegro. RSC Advances, 2020, 10, 2462-2471. | 3.6 | 20 |
| 28 | Structureâ€“retention relationship study of arylpiperazines by linear multivariate modeling. Journal of Separation Science, 2010, 33, 2619-2628. | 2.5 | 18 |
| 29 | Phytoextraction of metals by Erigeron canadensis L. from fly ash landfill of power plant â€œKolubaraâ€• Environmental Science and Pollution Research, 2015, 22, 10506-10515. | 5.3 | 17 |
| 30 | Bioaccumulation and effects of metals on oxidative stress and neurotoxicity parameters in the frogs from the Pelophylax esculentus complex. Ecotoxicology, 2016, 25, 1531-1542. | 2.4 | 17 |
| 31 | Mineral Content as a Tool for the Assessment of Honey Authenticity. Journal of AOAC INTERNATIONAL, 2017, 100, 862-870. | 1.5 | 15 |
| 32 | Determination of the soilâ€“water partition coefficients (logKOC) of some mono- and poly-substituted phenols by reversed-phase thin-layer chromatography. Chemosphere, 2010, 81, 299-305. | 8.2 | 14 |
| 33 | Sugar Profile of Kernels as a Marker of Origin and Ripening Time of Peach (Prunus persicae L.). Plant Foods for Human Nutrition, 2015, 70, 433-440. | 3.2 | 13 |
| 34 | Influence of dietary cadmium exposure on fitness traits and its accumulation (with an overview on) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50<br>Toxicology and Pharmacology, 2017, 200, 27-33. | 2.6 | 13 |
| 35 | Biomarkers of oxidative stress and metal accumulation in marsh frog (Pelophylax ridibundus). Environmental Science and Pollution Research, 2016, 23, 9649-9659. | 5.3 | 12 |
| 36 | Distribution of elements in seeds of some wild and cultivated fruits. Nutrition and authenticity aspects. Journal of the Science of Food and Agriculture, 2019, 99, 546-554. | 3.5 | 12 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | Recent trends in image evaluation of HPTLC chromatograms. Journal of Liquid Chromatography and Related Technologies, 2020, 43, 291-299. | 1.0 | 12 |
| 38 | Correlation between structure, retention, property, and activity of biologically relevant 1,7-bis(aminoalkyl)diazachrysene derivatives. Journal of Pharmaceutical and Biomedical Analysis, 2013, 72, 231-239. | 2.8 | 11 |
| 39 | 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 |
| 40 | Assessment of radioactivity contribution and transfer characteristics of natural radionuclides in agroecosystem. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 805-815. | 1.5 | 11 |
| 41 | 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 |
| 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 | Cyclic voltammetry and UV/Vis spectroscopy in combination with multivariate data analysis for the assessment of authenticity of poplar type propolis. Journal of Apicultural Research, 2017, 56, 559-568. | 1.5 | 8 |
| 44 | Uptake of metals and metalloids by Conyza canadensis L. from a thermoelectric power plant landfill. Archives of Biological Sciences, 2016, 68, 829-835. | 0.5 | 8 |
| 45 | Relationship between ripening time and sugar content of apricot (Prunus armeniaca L.) kernels. Acta Physiologiae Plantarum, 2018, 40, 1. | 2.1 | 7 |
| 46 | Polyphenolic Profile of Maize Seedlings Treated with 24-Epibrassinolide. Journal of Chemistry, 2015, 2015, 1-10. | 1.9 | 6 |
| 47 | Thin-layer chromatography in quantitative structure-activity relationship studies. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 272-281. | 1.0 | 6 |
| 48 | 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 |
| 49 | The content of toxic and essential elements in trabecular and cortical femoral neck: a correlation with whole blood samples. Environmental Science and Pollution Research, 2019, 26, 16577-16587. | 5.3 | 5 |
| 50 | 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 |
| 51 | 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 |
| 52 | Comprehensive electrophoretic profiling of proteins as a powerful tool for authenticity assessment of seeds of cultivated berry fruits. Food Chemistry, 2022, 383, 132583. | 8.2 | 3 |
| 53 | Primary Metabolite Chromatographic Profiling as a Tool for Chemotaxonomic Classification of Seeds from Berry Fruits. Food Technology and Biotechnology, 2022, 60, 406-417. | 2.1 | 3 |
| 54 | Melissopalynology analysis, determination of physicochemical parameters, sugars and phenolics in Maltese honey collected in different seasons. Journal of the Serbian Chemical Society, 2022, 87, 983-995. | 0.8 | 3 |

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| 55 | An Approximate Linear Solvation Energy Relationships Model Based on Snyderâ€™s Selectivity Parameters. Chromatographic Behavior of Some 1-Aralkyl-4-Arylpiperazines. Chromatographia, 2008, 68, 453-458. | 1.3 | 2 |
| 56 | Screening of semiâ€volatile compounds in plants treated with coated cerium oxide nanoparticles by comprehensive twoâ€dimensional gas chromatography. Journal of Separation Science, 2021, 44, 2260-2268. | 2.5 | 2 |
| 57 | Comparison of CustodiolÂ® and modified St. Thomas cardioplegia for myocardial protection in coronary artery bypass grafting. Vojnosanitetski Pregled, 2020, 77, 1126-1134. | 0.2 | 0 |