

# Biljana D Å kربیÄ

## List of Publications by Year in descending order

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112  
papers

3,886  
citations

87723

38  
h-index

138251

58  
g-index

114  
all docs

114  
docs citations

114  
times ranked

5047  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive assessment of heavy elements and evaluation of potential human health risk in the urban environment: a case study from Novi Sad, Serbia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 38551-38566.	2.7	14
2	Pollution status and health risk caused by heavy elements in the flooded soil and vegetables from typical agricultural region in Vojvodina Province, Serbia. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16065-16080.	2.7	15
3	Comprehensive characterization of PAHs profile in Serbian soils for conventional and organic production: potential sources and risk assessment. <i>Environmental Geochemistry and Health</i> , 2021, 43, 4201-4218.	1.8	11
4	Bioprospecting and biodiversity investigations of endophytic fungi isolated from <i>Juniperus communis</i> . <i>Acta Biologica Szegediensis</i> , 2021, 64, 129-138.	0.7	2
5	Comprehensive characterization of stress tolerant bacteria with plant growth-promoting potential isolated from glyphosate-treated environment. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 94.	1.7	8
6	Assessing the impact of combustion and thermal decomposition properties of locally available biomass on the emissions of BTEX compounds by chemometric approach. <i>Fuel</i> , 2020, 282, 118824.	3.4	9
7	Characterization of the Plant Growth-Promoting Activities of Endophytic Fungi Isolated from <i>Sophora flavescens</i> . <i>Microorganisms</i> , 2020, 8, 683.	1.6	55
8	Occurrence and assessment of environmental risks of endocrine disrupting compounds in drinking, surface and wastewaters in Serbia. <i>Environmental Pollution</i> , 2020, 262, 114344.	3.7	55
9	Does the application of human waste as a fertilization material in agricultural production pose adverse effects on human health attributable to contaminants of emerging concern?. <i>Environmental Research</i> , 2020, 182, 109132.	3.7	14
10	Seasonal occurrence and cancer risk assessment of polycyclic aromatic hydrocarbons in street dust from the Novi Sad city, Serbia. <i>Science of the Total Environment</i> , 2019, 647, 191-203.	3.9	61
11	Occurrence of heavy elements in street dust from sub/urban zone of Tianjin: pollution characteristics and health risk assessment. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 999-1010.	0.9	18
12	Flexible sensors platform for determination of cadmium concentration in soil samples. <i>Computers and Electronics in Agriculture</i> , 2019, 166, 105001.	3.7	14
13	Separation and Purification of Aflatoxins by Centrifugal Partition Chromatography. <i>Toxins</i> , 2019, 11, 309.	1.5	10
14	Host metabolite producing endophytic fungi isolated from <i>Hypericum perforatum</i> . <i>PLoS ONE</i> , 2019, 14, e0217060.	1.1	32
15	Occurrence, seasonal variety of organochlorine compounds in street dust of Novi Sad, Serbia, and its implication for risk assessment. <i>Science of the Total Environment</i> , 2019, 662, 895-902.	3.9	27
16	Opinion paper about organic trace pollutants in wastewater: Toxicity assessment in a European perspective. <i>Science of the Total Environment</i> , 2019, 651, 3202-3221.	3.9	57
17	Levels and risk assessment of selected persistent organic compounds in dust samples from Tianjin, China. <i>Acta Periodica Technologica</i> , 2019, , 295-303.	0.5	2
18	Profiles of polycyclic aromatic hydrocarbons in smoke from combustion and thermal decomposition of poplar wood pellets and sawdust. <i>Microchemical Journal</i> , 2018, 139, 9-17.	2.3	21

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19	Ranking and similarity of conventional, microwave and ultrasound element sequential extraction methods. <i>Chemosphere</i> , 2018, 198, 103-110.	4.2	6
20	Seasonal, spatial variations and risk assessment of heavy elements in street dust from Novi Sad, Serbia. <i>Chemosphere</i> , 2018, 205, 452-462.	4.2	63
21	Influence of collagen and natural casings on the polycyclic aromatic hydrocarbons in traditional dry fermented sausage ( <i>PetrovskÄ; klobÄ;sa</i> ) from Serbia. <i>International Journal of Food Properties</i> , 2018, 21, 667-673.	1.3	9
22	Micro-pollutants in sediment samples in the middle Danube region, Serbia: occurrence and risk assessment. <i>Environmental Science and Pollution Research</i> , 2018, 25, 260-273.	2.7	30
23	Current state of the biodiesel production and the indigenous feedstock potential in Serbia. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 280-291.	8.2	32
24	Differentiation of syngases produced by steam gasification of mono- and mixed sources feedstock: A chemometric approach. <i>Energy Conversion and Management</i> , 2018, 171, 1193-1201.	4.4	18
25	Survey on the micro-pollutants presence in surface water system of northern Serbia and environmental and health risk assessment. <i>Environmental Research</i> , 2018, 166, 130-140.	3.7	56
26	Screening chemical hazards of dry fermented sausages from distinct origins: Biogenic amines, polycyclic aromatic hydrocarbons and heavy elements. <i>Journal of Food Composition and Analysis</i> , 2017, 59, 124-131.	1.9	47
27	Seasonal variation and health risk assessment of organochlorine compounds in urban soils of Novi Sad, Serbia. <i>Chemosphere</i> , 2017, 181, 101-110.	4.2	42
28	Mycotoxins, trace elements, and phthalates in marketed rice of different origin and exposure assessment. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2017, 10, 1-12.	1.3	4
29	Development of a sensitive and robust online dual column liquid chromatography-tandem mass spectrometry method for the analysis of natural and synthetic estrogens and their conjugates in river water and wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5427-5440.	1.9	40
30	Determination of mycotoxins in biscuits, dried fruits and fruit jams: an assessment of human exposure. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 1012-1025.	1.1	30
31	Polycyclic aromatic hydrocarbons in urban soil of Novi Sad, Serbia: occurrence and cancer risk assessment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16148-16159.	2.7	45
32	Essential and toxic elements in commercial baby food on the Spanish and Serbian market. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2017, 10, 27-38.	1.3	22
33	Application of principal component and hierarchical cluster analyses in the classification of Serbian bottled waters and a comparison with waters from some European countries. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 711-721.	0.4	10
34	Status of hormones and painkillers in wastewater effluents across several European statesâ€”considerations for the EU watch list concerning estradiols and diclofenac. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12835-12866.	2.7	141
35	Pre-treatment and extraction techniques for recovery of added value compounds from wastes throughout the agri-food chain. <i>Green Chemistry</i> , 2016, 18, 6160-6204.	4.6	136
36	Occurrence of the phthalate esters in soil and street dust samples from the Novi Sad city area, Serbia, and the influence on the childrenâ€™s and adultsâ€™ exposure. <i>Journal of Hazardous Materials</i> , 2016, 312, 272-279.	6.5	83

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37	Chemometric interpretation of different biomass gasification processes based on the syngas quality: Assessment of crude glycerol co-gasification with lignocellulosic biomass. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 59, 649-661.	8.2	27
38	Conventional and advanced liquid biofuels. <i>Hemijaska Industrija</i> , 2016, 70, 225-241.	0.3	3
39	Tracing Nutritional Composition of Dry Fermented Sausages from Distinct Origins. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 2969-2978.	0.9	6
40	Chemometric Characterization of Vegetable Oils Based on the Fatty Acid Profiles for Selection of Potential Feedstocks for Biodiesel Production. <i>Journal of Biobased Materials and Bioenergy</i> , 2015, 9, 358-371.	0.1	15
41	Esterification of sludge palm oil as a pretreatment step for biodiesel production. <i>Waste Management and Research</i> , 2015, 33, 723-729.	2.2	12
42	Presence of aflatoxin M1 in white and hard cheese samples from Serbia. <i>Food Control</i> , 2015, 50, 111-117.	2.8	47
43	Influence of smoking in traditional and industrial conditions on polycyclic aromatic hydrocarbons content in dry fermented sausages (PetrovskÄ; klobÄ;sa) from Serbia. <i>Food Control</i> , 2014, 40, 12-18.	2.8	69
44	Levels of aflatoxin M1 in different types of milk collected in Serbia: Assessment of human and animal exposure. <i>Food Control</i> , 2014, 40, 113-119.	2.8	95
45	Determination of 81 pharmaceutical drugs by high performance liquid chromatography coupled to mass spectrometry with hybrid triple quadrupoleâ€“linear ion trap in different types of water in Serbia. <i>Science of the Total Environment</i> , 2014, 468-469, 415-428.	3.9	221
46	The level of elements and antioxidant activity of commercial dietary supplement formulations based on edible mushrooms. <i>Food and Function</i> , 2014, 5, 3170-3178.	2.1	22
47	Assessment of perfluoroalkyl substances in food items at global scale. <i>Environmental Research</i> , 2014, 135, 181-189.	3.7	116
48	Characterization of an extracellular laccase of <i>Leptosphaerulina chartarum</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2449-2458.	1.7	17
49	Multimycotoxin analysis of crude extracts of nuts with ultra-high performance liquid chromatography/tandem mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2014, 34, 171-177.	1.9	17
50	Polycyclic aromatic hydrocarbons in smoked dry fermented sausages with protected designation of origin &lt;i>PetrovskÄ; klobÄ;sa&lt;/i> from Serbia. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2014, 33, 227.	0.2	10
51	Distribution of heavy elements in urban and rural surface soils: the Novi Sad city and the surrounding settlements, Serbia. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 457-471.	1.3	38
52	Validation of a method for determination of mycotoxins subjected to the EU regulations in spices: The UHPLCâ€“HESIâ€“MS/MS analysis of the crude extracts. <i>Food Control</i> , 2013, 31, 461-466.	2.8	18
53	Concentrations of arsenic, cadmium and lead in selected foodstuffs from Serbian market basket: Estimated intake by the population from the Serbia. <i>Food and Chemical Toxicology</i> , 2013, 58, 440-448.	1.8	58
54	Isolation and Characterization of Antagonistic <i>Bacillus</i> Strains Capable to Degrade Ethylenethiourea. <i>Current Microbiology</i> , 2013, 66, 243-250.	1.0	13

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55	Comparison of multianalyte proficiency test results by sum of ranking differences, principal component analysis, and hierarchical cluster analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8363-8375.	1.9	12
56	Transesterification of linoleic and oleic sunflower oils to biodiesel using CaO as a solid base catalyst. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 815-832.	0.4	22
57	The influence of essential oil of aniseed ( <i>Pimpinella anisum</i> , L.) on drug effects on the central nervous system. <i>FÄ-toterapÄ-Ä†</i> , 2012, 83, 1466-1473.	1.1	47
58	Ranking and similarity for quantitative structureâ€“retention relationship models in predicting Lee retention indices of polycyclic aromatic hydrocarbons. <i>Analytica Chimica Acta</i> , 2012, 716, 92-100.	2.6	37
59	Multielement profiles of soil, road dust, tree bark and wood-rotten fungi collected at various distances from high-frequency road in urban area. <i>Ecological Indicators</i> , 2012, 13, 168-177.	2.6	39
60	Principal mycotoxins in wheat flour from the Serbian market: Levels and assessment of the exposure by wheat-based products. <i>Food Control</i> , 2012, 25, 389-396.	2.8	58
61	Fusarium mycotoxins in wheat samples harvested in Serbia: A preliminary survey. <i>Food Control</i> , 2011, 22, 1261-1267.	2.8	48
62	Nutritional and sensorial aspects of wheat bread enriched with high-oleic sunflower seed. <i>Acta Alimentaria</i> , 2011, 40, 194-204.	0.3	4
63	Chemometric assessment of the semivolatile organic contaminants content in the atmosphere of the selected sites in the Republic of Macedonia. <i>Journal of Chemometrics</i> , 2011, 25, 262-274.	0.7	26
64	The enrichment of wheat cookies with high-oleic sunflower seed and hull-less barley flour: Impact on nutritional composition, content of heavy elements and physical properties. <i>Food Chemistry</i> , 2011, 124, 1416-1422.	4.2	40
65	Determination of Metal Contents in Sugar Beet ( <i>Beta vulgaris</i> ) and Its Products: Empirical and Chemometrical Approach. <i>Food Science and Technology Research</i> , 2010, 16, 123-134.	0.3	14
66	Chemometric interpretation of heavy metal patterns in soils worldwide. <i>Chemosphere</i> , 2010, 80, 1360-1369.	4.2	56
67	Bread and durum wheat compared for antioxidants contents, and lipoxygenase and peroxidase activities. <i>International Journal of Food Science and Technology</i> , 2010, 45, 1360-1367.	1.3	24
68	Principal component analysis of indicator PCB profiles in breast milk from Poland. <i>Environment International</i> , 2010, 36, 862-872.	4.8	42
69	Organochlorine Pesticides in Soil and Sediment from an Urban Zone of Novi Sad, Serbia. , 2010, , 1469-1481.		0
70	Alkali-catalyzed production of biodiesel from waste frying oils. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 993-1007.	0.4	14
71	Effects of hull-less barley flour and flakes on bread nutritional composition and sensory properties. <i>Food Chemistry</i> , 2009, 115, 982-988.	4.2	60
72	Removal of water turbidity by natural coagulants obtained from chestnut and acorn. <i>Bioresource Technology</i> , 2009, 100, 6639-6643.	4.8	144

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73	Levels of Organochlorine Pesticides in Crops and Related Products From Vojvodina, Serbia: Estimated Dietary Intake. Archives of Environmental Contamination and Toxicology, 2008, 54, 628-636.	2.1	22
74	Adsorption of copper ions from water by modified agricultural by-products. Desalination, 2008, 229, 170-180.	4.0	111
75	Nutritional and sensory evaluation of wheat breads supplemented with oleic-rich sunflower seed. Food Chemistry, 2008, 108, 119-129.	4.2	65
76	POLYCYCLIC AROMATIC HYDROCARBONS IN PRODUCTS OF A BEET SUGAR FACTORY IN VOJVODINA: LEVELS AND INTAKES. Polycyclic Aromatic Compounds, 2008, 28, 348-361.	1.4	2
77	Non-dioxin-like PCBs in crops and related products: Levels and intakes in Serbia. Food Additives and Contaminants, 2007, 24, 652-662.	2.0	13
78	Organochlorine and organophosphate pesticide residues in wheat varieties from Serbia. Food Additives and Contaminants, 2007, 24, 695-703.	2.0	13
79	Principal component analysis for soil contamination with organochlorine compounds. Chemosphere, 2007, 68, 2144-2152.	4.2	83
80	Iron, copper and zinc in white sugar from Serbian sugar beet refineries. Food Control, 2007, 18, 135-139.	2.8	14
81	Multivariate analyses of microelement contents in wheat cultivated in Serbia (2002). Food Control, 2007, 18, 338-345.	2.8	46
82	Organochlorine pesticides and polychlorinated biphenyls in surface soils of Novi Sad and bank sediment of the Danube River. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2007, 42, 311-319.	0.7	26
83	Distribution of Chlorinated Organic Pollutants in a Wide Variety of Soils from Europe and Asia: A Multivariate Statistical Approach. Archives of Environmental Contamination and Toxicology, 2007, 52, 466-474.	2.1	11
84	Element intakes through the consumption of different types of bread by Serbian population. Acta Alimentaria, 2007, 36, 217-229.	0.3	4
85	Prediction of the Lee retention indices of polycyclic aromatic hydrocarbons by artificial neural network. Journal of Chromatography A, 2006, 1108, 279-284.	1.8	22
86	Modified softwood sawdust as adsorbent of heavy metal ions from water. Journal of Hazardous Materials, 2006, 136, 266-271.	6.5	181
87	Modified hardwood sawdust as adsorbent of heavy metal ions from water. Wood Science and Technology, 2006, 40, 217-227.	1.4	84
88	Survey on some contaminants in white sugar from Serbian sugar beet refineries. Food Additives and Contaminants, 2006, 23, 31-35.	2.0	11
89	Toxic and essential elements in soft wheat grain cultivated in Serbia. European Food Research and Technology, 2005, 221, 361-366.	1.6	24
90	Principal Component Analysis of Trace Elements in Serbian Wheat. Journal of Agricultural and Food Chemistry, 2005, 53, 2171-2175.	2.4	43

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91	Polycyclic Aromatic Hydrocarbons in Surface Soils of Novi Sad and Bank Sediment of the Danube River. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2005, 40, 29-42.	0.9	50
92	Qualitative TLC determination of some polycyclic aromatic hydrocarbons in sugar-beet. <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 1237-1242.	0.4	10
93	Artificial neural network prediction of quantitative structure: Retention relationships of polycyclic aromatic hydrocarbons in gas chromatography. <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 1291-1300.	0.4	7
94	Polycyclic aromatic hydrocarbons in surface soils of Novi Sad and bank sediment of the Danube River. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2005, 40, 29-42.	0.9	8
95	Principal component analysis of trace elements in industrial soils. <i>Environmental Chemistry Letters</i> , 2004, 2, 105-108.	8.3	50
96	Discrimination between linear and non-linear models for retention indices of polycyclic aromatic hydrocarbons in the so-called Lee's scale. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 72, 167-171.	1.8	13
97	Principal component analysis for soil contamination with PAHs. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 72, 219-223.	1.8	81
98	Trace Metal Distribution in Surface Soils of Novi Sad and Bank Sediment of the Danube River. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 1547-1558.	0.9	40
99	AN EVALUATION OF RESIDUES AT AN OIL REFINERY SITE FOLLOWING FIRES. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 1029-1039.	0.9	43
100	MOBILITY OF HEAVY METALS ORIGINATING FROM BOMBING OF INDUSTRIAL SITES. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 7-16.	0.9	17
101	Comparison of methods for prediction of the retention data of aromatic hydrocarbons on UCON LB 550X and on polydimethylsiloxane. <i>Chromatographia</i> , 1998, 47, 721-723.	0.7	2
102	Unified retention concept " statistical treatment of KovÅ's retention index. <i>Journal of Chromatography A</i> , 1997, 764, 257-264.	1.8	8
103	Contribution to the unified retention data of hydrocarbons on squalane. <i>Chromatographia</i> , 1996, 42, 660-664.	0.7	6
104	Liquid holdup determination in packed columns for sulfur dioxide absorption. <i>Separation and Purification Technology</i> , 1994, 8, 13-16.	0.3	5
105	Unified retention indices of alkylbenzenes on OV-101 and SE-30. <i>Chromatographia</i> , 1993, 37, 215-217.	0.7	8
106	Correlation of unified retention indices for OV-101 and squalane. <i>Chromatographia</i> , 1993, 35, 109-110.	0.7	4
107	Citrate process for SO <sub>2</sub> recovery: Vapour-liquid data and correlation. <i>Separation and Purification Technology</i> , 1993, 7, 27-30.	0.3	4
108	Unified retention indices of hydrocarbons on BP-1 dimethylsiloxane stationary phase. <i>Chromatographia</i> , 1992, 34, 83-84.	0.7	5

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109	An extension of semi-empirical gas-liquid equilibrium model for sulfur dioxide absorption in aqueous sodium citrate solution. Chemical Engineering Science, 1991, 46, 3314-3317.	1.9	10
110	Comparative analysis of methods for determination of calorific values of natural gas mixtures. Fuel Processing Technology, 1991, 28, 307-314.	3.7	0
111	An extended ishii-otto algorithm for multistage multicomponent separation calculation with stage efficiencies included. Computers and Chemical Engineering, 1984, 8, 249-251.	2.0	1
112	Simple method for the rapid analysis of natural gas by gas chromatography. Chromatographia, 1983, 17, 44-46.	0.7	9