Jelena J MutiÄ

List of Publications by Year
in descending order

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53	667	567281 15	677142 22
papers	citations	h-index	g-index

53	53	53	1035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ecological potential of Epilobium dodonaei Vill. for restoration of metalliferous mine wastes. Ecological Engineering, 2016, 95, 800-810.	3.6	36
2	Metal accumulation capacity of parasol mushroom (Macrolepiota procera) from Rasina region (Serbia). Environmental Science and Pollution Research, 2016, 23, 13178-13190.	5.3	35
3	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
4	Update on element content profiles in eleven wild edible mushrooms from family Boletaceae. European Food Research and Technology, 2016, 242, 1-10.	3.3	34
5	RuO2/graphene nanoribbon composite supported on screen printed electrode with enhanced electrocatalytic performances toward ethanol and NADH biosensing. Biosensors and Bioelectronics, 2018, 117, 392-397.	10.1	33
6	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
7	Antioxidative responses of the tissues of two wild populations of Pelophylax kl. esculentus frogs to heavy metal pollution. Ecotoxicology and Environmental Safety, 2016, 128, 21-29.	6.0	27
8	Potential Influence of Selenium, Copper, Zinc and Cadmium on L-Thyroxine Substitution in Patients with Hashimoto Thyroiditis and Hypothyroidism. Experimental and Clinical Endocrinology and Diabetes, 2017, 125, 79-85.	1.2	25
9	Wild Bilberry (Vaccinium myrtillus L., Ericaceae) from Montenegro as a Source of Antioxidants for Use in the Production of Nutraceuticals. Molecules, 2018, 23, 1864.	3.8	20
10	Elemental Analysis and Phenolic Profiles of Selected Italian Wines. Foods, 2021, 10, 158.	4.3	20
11	Elemental composition as a tool for the assessment of type, seasonal variability, and geographical origin of wine and its contribution to daily elemental intake. RSC Advances, 2017, 7, 2151-2162.	3.6	19
12	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
13	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
14	Oral cadmium exposure affects skin immune reactivity in rats. Ecotoxicology and Environmental Safety, 2018, 164, 12-20.	6.0	17
15	Heavy Metals Fractionation in Agricultural Soils of Pb/Zn Mining Region and Their Transfer to Selected Vegetables. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	16
16	First Report about Mineral Content, Fatty Acids Composition and Biological Activities of Four Wild Edible Mushrooms. Chemistry and Biodiversity, 2019, 16, e1800492.	2.1	15
17	Sensitive Flow-Injection Amperometric Detection of Iodide Using Mn3+ and As3+. Analytical Sciences, 2005, 21, 525-529.	1.6	14
18	Feasibility of the internal standardization in direct determination of arsenic in wine samples by inductively coupled plasma atomic emission spectrometry. Microchemical Journal, 2011, 98, 11-14.	4.5	14

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19	Analytical Approach for Detection of Ergosterol in Mushrooms Based on Modification Free Electrochemical Sensor in Organic Solvents. Food Analytical Methods, 2018, 11, 2590-2596.	2.6	14
20	In-depth quantitative profiling of post-translational modifications of Timothy grass pollen allergome in relation to environmental oxidative stress. Environment International, 2019, 126, 644-658.	10.0	14
21	Influence of dietary cadmium exposure on fitness traits and its accumulation (with an overview on) Tj ETQq1 1 0.784314 rgBT /Overlock Toxicology and Pharmacology, 2017, 200, 27-33.	2.6	13
22	Simultaneous Determination of Pb and Cd Traces in Water Samples by Anodic Stripping Voltammetry Using a Modified GC Electrode. Electroanalysis, 2011, 23, 1928-1933.	2.9	12
23	Biomarkers of oxidative stress and metal accumulation in marsh frog (Pelophylax ridibundus). Environmental Science and Pollution Research, 2016, 23, 9649-9659.	5.3	12
24	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
25	Protective Effect of an Exopolysaccharide Produced by Lactiplantibacillus plantarum BGAN8 Against Cadmium-Induced Toxicity in Caco-2 Cells. Frontiers in Microbiology, 2021, 12, 759378.	3.5	12
26	Accumulation of U, Th, Pb, V, Rb, and Ag in wild mushrooms Macrolepiota procera (Scop.) Singer from GoÄ‚ Serbia. Environmental Science and Pollution Research, 2019, 26, 13147-13158.	5.3	11
27	Preliminary trials on effects of lithium salts on Varroa destructor, honey and wax matrices. Journal of Apicultural Research, 2022, 61, 375-391.	1.5	11
28	Comparative analytical study of the selected wine varieties grown in Montenegro. Natural Product Research, 2017, 31, 1825-1830.	1.8	10
29	Oxidative stress parameters in two Pelophylax esculentus complex frogs during pre- and post-hibernation: Arousal vs heavy metals. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 202, 19-25.	2.6	9
30	Geochemical distribution of selected elements in flotation tailings and soils/sediments from the dam spill at the abandoned antimony mine Stolice, Serbia. Environmental Science and Pollution Research, 2020, 27, 6253-6268.	5.3	9
31	Lead isotope ratios as tool for elucidation of chemical environment in a system of Macrolepiota procera (Scop.) SingerÂ-Âsoil. Environmental Science and Pollution Research, 2020, 28, 59003-59014.	5.3	9
32	Optimization of a Flow Injection System with Amperometric Detection for Arsenic Determination. Analytical Sciences, 2008, 24, 877-880.	1.6	8
33	Epiphytic lichen Flavoparmelia caperata as a sentinel for trace metal pollution. Journal of the Serbian Chemical Society, 2012, 77, 1301-1310.	0.8	8
34	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
35	Characterization of Croatian Rape (Brassica sp.) Honey by Pollen Spectrum, Physicochemical Characteristics, and Multielement analysis by ICP-OES. Journal of AOAC INTERNATIONAL, 2017, 100, 881-888.	1.5	8
36	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

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37	First electrochemical investigation of organophosphorus pesticide azametiphos and its quantification using electroanalytical approach. International Journal of Environmental Analytical Chemistry, 2018, 98, 1175-1185.	3.3	7
38	PIXEâ€“PIGE investigation of Roman Imperial vessels and window glass from Mt. Kosmaj, Serbia (Moesia) Tj ETQq0 0 0 rgBT /Overlock 10	0.5	6
39	Multielement analysis and antioxidant capacity of Merlot wine clones developed in Montenegro. Natural Product Research, 2018, 32, 247-251.	1.8	6
40	Association between oxidative stress biomarkers and concentrations of some metal ions in the blood of patients with brain tumors and hydrocephalus. Archives of Medical Science, 2020, 16, 811-819.	0.9	6
41	Subchronic Oral Cadmium Exposure Exerts both Stimulatory and Suppressive Effects on Pulmonary Inflammation/Immune Reactivity in Rats. Biomedical and Environmental Sciences, 2019, 32, 508-519.	0.2	6
42	Development of inductively coupled plasma atomic emission spectrometry for palladium and rhodium determination in platinum-based alloy. Journal of the Iranian Chemical Society, 2008, 5, 336-341.	2.2	5
43	Element accumulation capacity of Vaccinium myrtillus from Montenegro: Comparison of element contents in water and ethanol extracts of bilberry plant parts. Archives of Biological Sciences, 2019, 71, 145-157.	0.5	4
44	Dermatotoxicity of oral cadmium is strain-dependent and related to differences in skin stress response and inflammatory/immune activity. Environmental Toxicology and Pharmacology, 2020, 75, 103326.	4.0	3
45	Content and distribution of major and trace elements as a tool to assess the genotypes, harvesting time, and cultivation systems of potato. Food Chemistry, 2021, 354, 129507.	8.2	3
46	Is a Lead Isotope Ratios in Wine Good Marker for Origin Assessment?. Frontiers in Chemistry, 2021, 9, 746695.	3.6	3
47	Determination of trace elements in refined gold samples by inductively coupled plasma atomic emission spectrometry. Journal of the Serbian Chemical Society, 2013, 78, 565-577.	0.8	2
48	Methylesterase behaviour is related to polysaccharide organisation in model systems mimicking cell walls. Carbohydrate Polymers, 2015, 124, 57-65.	10.2	2
49	Analytical possibilities for the relative estimation of the antioxidative capacity of honey varieties harvested in different regions of Serbia. Journal of the Serbian Chemical Society, 2016, 81, 567-574.	0.8	2
50	Mineral Composition of Soil and the Wheat Grain in Intensive and Conservation Cropping Systems. Agronomy, 2022, 12, 1321.	3.0	2
51	Sequential extraction studies on the river Tisa sediments for the assessment of the metal pollution. Zbornik Matice Srpske Za Prirodne Nauke, 2020, , 89-98.	0.1	0
52	Chemical Content of Five Molluscan Bivalve Species Collected from South Korea: Multivariate Study and Safety Evaluation. Foods, 2021, 10, 2690.	4.3	0
53	Utjecaj dodatka antioksidanasa na oksidacijsku stabilnost pileÄ‡e masti. Meso, 2021, 23, 400-410.	0.1	0