

# BoÅ;ko GajiÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

674  
citations

623188

14  
h-index

642321

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

873  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil type classification and estimation of soil properties using support vector machines. <i>Geoderma</i> , 2010, 154, 340-347.	2.3	141
2	Assessment of the impact of geographical factors on the spatial distribution of heavy metals in soils around the steel production facility in Smederevo (Serbia). <i>Journal of Cleaner Production</i> , 2014, 84, 550-562.	4.6	73
3	Trace element distribution in surface soils from a coal burning power production area: A case study from the largest power plant site in Serbia. <i>Catena</i> , 2013, 104, 288-296.	2.2	71
4	Environmental assessment of heavy metals around the largest coal fired power plant in Serbia. <i>Catena</i> , 2016, 139, 44-52.	2.2	65
5	Grain yield and water use efficiency of maize as influenced by different irrigation regimes through sprinkler irrigation under temperate climate. <i>Agricultural Water Management</i> , 2016, 169, 34-43.	2.4	63
6	Identification and spectraâ€“structure determination of soil minerals: Raman study supported by IR spectroscopy and Xâ€“ray powder diffraction. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 582-586.	1.2	45
7	Edaphic factors affecting the vertical distribution of radionuclides in the different soil types of Belgrade, Serbia. <i>Journal of Environmental Monitoring</i> , 2012, 14, 127-137.	2.1	34
8	Radionuclides in the soil around the largest coal-fired power plant in Serbia: radiological hazard, relationship with soil characteristics and spatial distribution. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10317-10330.	2.7	27
9	The conversion of forestland into agricultural land without appropriate measures to conserve SOM leads to the degradation of physical and rheological soil properties. <i>Scientific Reports</i> , 2020, 10, 13668.	1.6	26
10	Composition and stability of soil aggregates in Fluvisols under forest, meadows, and 100 years of conventional tillage. <i>Journal of Plant Nutrition and Soil Science</i> , 2010, 173, 502-509.	1.1	21
11	Reprint of "Environmental assessment of heavy metals around the largest coal fired power plant in Serbia". <i>Catena</i> , 2017, 148, 26-34.	2.2	19
12	Spatial distribution and vertical migration of <sup>137</sup> Cs in soils of Belgrade (Serbia) 25 years after the Chernobyl accident. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1279.	1.7	18
13	Micro-edaphic factors affect intra-specific variations in trace element profiles of <i>Noccaea praecox</i> on ultramafic soils. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31737-31751.	2.7	18
14	Natural variation of nickel, zinc and cadmium (hyper)accumulation in facultative serpentinophytes <i>Noccaea kovatsii</i> and <i>N. praecox</i> . <i>Plant and Soil</i> , 2020, 447, 475-495.	1.8	15
15	Natural radionuclides in soil profiles surrounding the largest coal-fired power plant in Serbia. <i>Nuclear Technology and Radiation Protection</i> , 2016, 31, 247-259.	0.3	9
16	Assessment of radiation exposure to human and non-human biota due to natural radionuclides in terrestrial environment of Belgrade, the capital of Serbia. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	8
17	Contamination of local water supply systems in suburban Belgrade. <i>Urban Water Journal</i> , 2011, 8, 79-92.	1.0	5
18	Some physical properties of long-term irrigated fluvisols of valley the river Beli Drim in Klina (Serbia). <i>Zemljiste I Biljka</i> , 2020, 69, 21-35.	0.6	5

#	ARTICLE	IF	CITATIONS
19	The Influence of Edaphic Factors on Spatial and Vertical Distribution of Radionuclides in Soil. , 2015, , 61-80.		3
20	Impact of Deficit Irrigation on Yield and Chemical Properties of Soybean Seeds in Temperate Climate. Contemporary Agriculture, 2017, 66, 14-20.	0.3	2
21	Brownfield investments as possibility of revitalization and sustainability of locations. Ekonomika Poljoprivrede (1979), 2019, 66, 589-599.	0.2	2
22	Effects of deficit irrigation on grain yield and ear characteristics of maize. Journal of Agricultural Sciences (Belgrade), 2015, 60, 419-433.	0.1	2
23	The dependence of maize ( <i>Zea mays</i> ) hybrids yielding potential on the water amounts reaching the soil surface. Genetika, 2013, 45, 261-272.	0.1	1
24	Soil compaction as a consequence of utilization modes. Journal of Agricultural Sciences (Belgrade), 2004, 49, 179-185.	0.1	1
25	Effect of land use change on the structure of Gleyic Fluvisols in western Serbia. Journal of Agricultural Sciences (Belgrade), 2014, 59, 151-160.	0.1	0
26	Chemical properties of long-term irrigated Fluvisols of the Beli Drim river valley in the Klina region (Serbia). Zemljiste I Biljka, 2021, 70, 13-26.	0.6	0
27	Specific area of smonitzas of Aleksinac valley. Journal of Agricultural Sciences (Belgrade), 2002, 47, 19-27.	0.1	0
28	Plasticity of pseudogley soils in Ub community. Journal of Agricultural Sciences (Belgrade), 2005, 50, 153-159.	0.1	0
29	Aggregate composition and stability of structural aggregates of non-calcareous rendzinas in Eastern Serbia. Journal of Agricultural Sciences (Belgrade), 2006, 51, 141-150.	0.1	0
30	Effect of irrigation regime on yield and yield components of soya bean. Journal of Agricultural Sciences (Belgrade), 2016, 61, 305-321.	0.1	0
31	Calculation of maize evapotranspiration using evaporation and reference evapotranspiration methods. Zemljiste I Biljka, 2020, 69, 15-25.	0.6	0