BoÅ¡ko GajiÄ

List of Publications by Year
in descending order

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31 papers	674 citations	623574 14 h-index	642610 23 g-index
31 all docs	31 docs citations	31 times ranked	873 citing authors

#	Article	IF	Citations
1	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
2	Natural variation of nickel, zinc and cadmium (hyper)accumulation in facultative serpentinophytes Noccaea kovatsii and N. praecox. Plant and Soil, 2020, 447, 475-495.	1.8	15
3	The conversion of forestland into agricultural land without appropriate measures to conserve SOM leads to the degradation of physical and rheological soil properties. Scientific Reports, 2020, 10, 13668.	1.6	26
4	Some physical properties of long-term irrigated fluvisols of valley the river Beli Drim in Klina (Serbia). Zemljiste I Biljka, 2020, 69, 21-35.	0.6	5
5	Calculation of maize evapotranspiration using evaporation and reference evapotranspiration methods. Zemljiste I Biljka, 2020, 69, 15-25.	0.6	0
6	Brownfield investments as possibility of revitalization and sustainability of locations. Ekonomika Poljoprivrede (1979), 2019, 66, 589-599.	0.2	2
7	Assessment of radiation exposure to human and non-human biota due to natural radionuclides in terrestrial environment of Belgrade, the capital of Serbia. Environmental Earth Sciences, 2018, 77, 1.	1.3	8
8	Micro-edaphic factors affect intra-specific variations in trace element profiles of Noccaea praecox on ultramafic soils. Environmental Science and Pollution Research, 2018, 25, 31737-31751.	2.7	18
9	Impact of Deficit Irrigation on Yield and Chemical Properties of Soybean Seeds in Temperate Climate. Contemporary Agriculture, 2017, 66, 14-20.	0.3	2
10	Reprint of "Environmental assessment of heavy metals around the largest coal fired power plant in Serbia". Catena, 2017, 148, 26-34.	2.2	19
11	Environmental assessment of heavy metals around the largest coal fired power plant in Serbia. Catena, 2016, 139, 44-52.	2.2	65
12	Grain yield and water use efficiency of maize as influenced by different irrigation regimes through sprinkler irrigation under temperate climate. Agricultural Water Management, 2016, 169, 34-43.	2.4	63
13	Natural radionuclides in soil profiles surrounding the largest coal-fired power plant in Serbia. Nuclear Technology and Radiation Protection, 2016, 31, 247-259.	0.3	9
14	Effect of irrigation regime on yield and yield components of soya bean. Journal of Agricultural Sciences (Belgrade), 2016, 61, 305-321.	0.1	0
15	Radionuclides in the soil around the largest coal-fired power plant in Serbia: radiological hazard, relationship with soil characteristics and spatial distribution. Environmental Science and Pollution Research, 2015, 22, 10317-10330.	2.7	27
16	The Influence of Edaphic Factors on Spatial and Vertical Distribution of Radionuclides in Soil. , 2015, , 61-80.		3
17	Effects of deficit irrigation on grain yield and ear characteristics of maize. Journal of Agricultural Sciences (Belgrade), 2015, 60, 419-433.	0.1	2
18	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

#	Article	IF	Citations
19	Assessment of the impact of geographical factors on the spatial distribution of heavy metals in soils around the steel production facility in Smederevo (Serbia). Journal of Cleaner Production, 2014, 84, 550-562.	4.6	73
20	Spatial distribution and vertical migration of 137Cs in soils of Belgrade (Serbia) 25 years after the Chernobyl accident. Environmental Sciences: Processes and Impacts, 2013, 15, 1279.	1.7	18
21	Trace element distribution in surface soils from a coal burning power production area: A case study from the largest power plant site in Serbia. Catena, 2013, 104, 288-296.	2.2	71
22	The dependence of maize (Zea mays) hybrids yielding potential on the water amounts reaching the soil surface. Genetika, 2013, 45, 261-272.	0.1	1
23	Edaphic factors affecting the vertical distribution of radionuclides in the different soil types of Belgrade, Serbia. Journal of Environmental Monitoring, 2012, 14, 127-137.	2.1	34
24	Contamination of local water supply systems in suburban Belgrade. Urban Water Journal, 2011, 8, 79-92.	1.0	5
25	Identification and spectraâ€“structure determination of soil minerals: Raman study supported by IR spectroscopy and Xâ€ray powder diffraction. Journal of Raman Spectroscopy, 2010, 41, 582-586.	1.2	45
26	Composition and stability of soil aggregates in Fluvisols under forest, meadows, and 100 years of conventional tillage. Journal of Plant Nutrition and Soil Science, 2010, 173, 502-509.	1.1	21
27	Soil type classification and estimation of soil properties using support vector machines. Geoderma, 2010, 154, 340-347.	2.3	141
28	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
29	Plasticity of pseudogley soils in Ub community. Journal of Agricultural Sciences (Belgrade), 2005, 50, 153-159.	0.1	0
30	Soil compaction as a consequence of utilization modes. Journal of Agricultural Sciences (Belgrade), 2004, 49, 179-185.	0.1	1
31	Specific area of smonitzas of Aleksinac valley. Journal of Agricultural Sciences (Belgrade), 2002, 47, 19-27.	0.1	0