

Ivan Grzetic

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

640
citations

15
h-index

24
g-index

43
ext. papers

718
ext. citations

3.1
avg, IF

3.75
L-index

#	Paper	IF	Citations
42	Comparison of non-destructive techniques and conventionally used spectrometric techniques for determination of elements in plant samples (coniferous leaves). <i>Journal of the Serbian Chemical Society</i> , 2021 , 101-101	0.9	
41	Anthropogenic influence on seasonal and spatial variation in bioelements and non-essential elements in honeybees and their hemolymph. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 239, 108852	3.2	5
40	Artificial cellulose standards as calibration standards for wavelength-dispersive X-ray fluorescence analysis of elements in plant samples. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2021 , 502, 106-117	1.2	2
39	Effect of sample preparation procedure on standardless wavelength dispersive X-ray fluorescence analysis of plant samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021 , 184, 106258	3.1	2
38	Adsorption of nicotine from aqueous solutions on montmorillonite and acid-modified montmorillonite. <i>Science of Sintering</i> , 2019 , 51, 93-100	0.7	2
37	Distribution of major and trace elements in the Kovin lignite (Serbia). <i>Geologia Croatica</i> , 2019 , 72, 51-79	1.9	5
36	Fractionation, Mobility, and Contamination Assessment of Potentially Toxic Metals in Urban Soils in Four Industrial Serbian Cities. <i>Archives of Environmental Contamination and Toxicology</i> , 2018 , 75, 335-350 ^{3,2}	3.2	16
35	Anti-Hail Protection Assessment of Financial Effects on the Territory of Belgrade. <i>Sustainability</i> , 2018 , 10, 1239	3.6	1
34	Honeybees as sentinels of lead pollution: Spatio-temporal variations and source appointment using stable isotopes and Kohonen self-organizing maps. <i>Science of the Total Environment</i> , 2018 , 642, 56-62	10.2	19
33	Use of honeybees (<i>Apis mellifera</i> L.) as bioindicators of spatial variations and origin determination of metal pollution in Serbia. <i>Journal of the Serbian Chemical Society</i> , 2018 , 83, 773-784	0.9	9
32	Assessment of spatial and temporal variations in trace element concentrations using honeybees () as bioindicators. <i>PeerJ</i> , 2018 , 6, e5197	3.1	17
31	Use of honeybees (<i>Apis mellifera</i> L.) as bioindicators for assessment and source appointment of metal pollution. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 25828-25838	5.1	18
30	Possibilities of assessing trace metal pollution using <i>Betula pendula</i> Roth. leaf and bark - experience in Serbia. <i>Journal of the Serbian Chemical Society</i> , 2017 , 82, 723-737	0.9	5
29	Analysis of medieval Serbian silver coins from XIV and XV century by means of wavelength-dispersive X-ray spectrometry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2016 , 366, 161-170	1.2	9
28	Metal concentrations around thermal power plants, rural and urban areas using honeybees (<i>Apis mellifera</i> L.) as bioindicators. <i>International Journal of Environmental Science and Technology</i> , 2016 , 13, 413-422	3.3	26
27	Quantification and mechanisms of BTEX distribution between aqueous and gaseous phase in a dynamic system. <i>Chemosphere</i> , 2016 , 144, 721-7	8.4	11
26	Statistical analysis of the influence of major tributaries to the eco-chemical status of the Danube River. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 553	3.1	2

25	PAHs levels in gas and particle-bound phase in schools at different locations in Serbia. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2015 , 21, 159-167	0.7	7
24	ENVIRONMENTAL EFFECTS ON SUPEROXIDE DISMUTASE AND CATALASE ACTIVITY AND EXPRESSION IN HONEY BEE. <i>Archives of Insect Biochemistry and Physiology</i> , 2015 , 90, 181-94	2.3	21
23	Synergic adsorption of Pb ²⁺ and reactive dye--RB5 on two series of organomodified bentonites. <i>Journal of Contaminant Hydrology</i> , 2013 , 150, 1-11	3.9	23
22	Petrological and geochemical composition of lignite from the D field, Kolubara basin (Serbia). <i>International Journal of Coal Geology</i> , 2013 , 111, 5-22	5.5	16
21	The resurrection flowering plant <i>Ramonda nathaliae</i> on serpentine soil coping with extreme mineral element stress. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2013 , 208, 618-625	1.9	6
20	Natural radioactivity of coal and fly ash at the Nikola Tesla B TPP. <i>Hemijska Industrija</i> , 2013 , 67, 729-738	0.6	11
19	Long-term seasonal changes of the Danube River eco-chemical status in the region of Serbia. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 2805-28	3.1	7
18	Crystal structure of (Bi _{0.94} Sb _{1.06})S ₃ and reconsideration of cation distribution over mixed sites in the bismuthinitestibnite solid-solution series. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2012 , 189, 177-187	1	5
17	The evolution of the trophic state of the Palic Lake (Serbia). <i>Journal of the Serbian Chemical Society</i> , 2010 , 75, 717-732	0.9	9
16	Long-term changes in the eco-chemical status of the Danube River in the region of Serbia. <i>Journal of the Serbian Chemical Society</i> , 2010 , 75, 1125-1148	0.9	12
15	Organo-inorganic bentonite for simultaneous adsorption of Acid Orange 10 and lead ions. <i>Applied Clay Science</i> , 2010 , 47, 452-456	5.2	56
14	The petrographical and organic geochemical composition of coal from the East field, Bogovina Basin (Serbia). <i>International Journal of Coal Geology</i> , 2010 , 81, 227-241	5.5	13
13	Distribution and availability of potentially toxic metals in soil in central area of Belgrade, Serbia. <i>Environmental Chemistry Letters</i> , 2010 , 8, 261-269	13.3	14
12	Synthesis, Characterization and Adsorptive Properties of Organobentonites. <i>Acta Physica Polonica A</i> , 2010 , 117, 849-854	0.6	16
11	Two new examples of very short thallium-transition metal contacts: Tl ₃ Ag ₃ Sb ₂ S ₆ and Tl ₃ Ag ₃ As ₂ S ₆ . <i>Journal of Alloys and Compounds</i> , 2008 , 457, 66-74	5.7	9
10	Potential health risk assessment for soil heavy metal contamination in the central zone of Belgrade (Serbia). <i>Journal of the Serbian Chemical Society</i> , 2008 , 73, 923-934	0.9	68
9	Organobentonite as Efficient Textile Dye Sorbent. <i>Chemical Engineering and Technology</i> , 2008 , 31, 567-574	5.7	32
8	Petrological, organic geochemical and geochemical characteristics of coal from the Soko mine, Serbia. <i>International Journal of Coal Geology</i> , 2008 , 73, 285-306	5.5	33

7	U and Th in some brown coals of Serbia and Montenegro and their environmental impact. <i>Environmental Science and Pollution Research</i> , 2008 , 15, 155-61	5.1	11
6	The influence of modification on structural, textural and adsorption properties of bentonite. <i>Hemijska Industrija</i> , 2008 , 62, 131-137	0.6	1
5	Distribution and fractionation of heavy metals in the Tisa (Tisza) river sediments. <i>Environmental Science and Pollution Research</i> , 2007 , 14, 229-36	5.1	60
4	Vibrational spectra of M3MIIIS3 type synthetic minerals (MI = Tl or Ag and MIII = As or Sb). <i>Vibrational Spectroscopy</i> , 2004 , 35, 59-65	2.1	14
3	Vibrational spectra of MIMIII S2 type synthetic minerals (MI=Tl or Ag and MIII=As or Sb). <i>Journal of Molecular Structure</i> , 2003 , 651-653, 181-189	3.4	42
2	Infrared Spectra of Three MIMIIIS2 Type Synthetic Minerals: (MI = Ag OR Tl, MIII = Sb OR As). <i>Spectroscopy Letters</i> , 1997 , 30, 79-87	1.1	3
1	The photoelectron spectra of some Tl-Sb sulphosalts. <i>Physics and Chemistry of Minerals</i> , 1993 , 20, 285-296	6.6	2