Ivan GrÅ¾etiÄ

List of Publications by Year
in descending order

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42 papers	857 citations	471371 17 h-index	501076 28 g-index
43 all docs	43 docs citations	43 times ranked	1128 citing authors

#	Article	IF	Citations
1	Potential health risk assessment for soil heavy metal contamination in the central zone of Belgrade (Serbia). Journal of the Serbian Chemical Society, 2008, 73, 923-934.	0.4	98
2	Distribution and fractionation of heavy metals in the Tisa (Tisza) River sediments. Environmental Science and Pollution Research, 2007, 14, 229-236.	2.7	77
3	Organo-inorganic bentonite for simultaneous adsorption of Acid Orange 10 and lead ions. Applied Clay Science, 2010, 47, 452-456.	2.6	64
4	Vibrational spectra of MIMIII S2 type synthetic minerals (MI=Tl or Ag and MIII=As or Sb). Journal of Molecular Structure, 2003, 651-653, 181-189.	1.8	45
5	Petrological, organic geochemical and geochemical characteristics of coal from the Soko mine, Serbia. International Journal of Coal Geology, 2008, 73, 285-306.	1.9	37
6	Organobentonite as Efficient Textile Dye Sorbent. Chemical Engineering and Technology, 2008, 31, 567-574.	0.9	36
7	Metal concentrations around thermal power plants, rural and urban areas using honeybees (Apis) Tj ETQq1 1 0.784314 rgBT /Overloc 13, 413-422.	1.8	35
8	ENVIRONMENTAL EFFECTS ON SUPEROXIDE DISMUTASE AND CATALASE ACTIVITY AND EXPRESSION IN HONEY BEE. Archives of Insect Biochemistry and Physiology, 2015, 90, 181-194.	0.6	34
9	Synergic adsorption of Pb2+ and reactive dye â€" RB5 on two series of organomodified bentonites. Journal of Contaminant Hydrology, 2013, 150, 1-11.	1.6	32
10	Use of honeybees (Apis mellifera L.) as bioindicators for assessment and source appointment of metal pollution. Environmental Science and Pollution Research, 2017, 24, 25828-25838.	2.7	30
11	Fractionation, Mobility, and Contamination Assessment of Potentially Toxic Metals in Urban Soils in Four Industrial Serbian Cities. Archives of Environmental Contamination and Toxicology, 2018, 75, 335-350.	2.1	28
12	Honeybees as sentinels of lead pollution: Spatio-temporal variations and source appointment using stable isotopes and Kohonen self-organizing maps. Science of the Total Environment, 2018, 642, 56-62.	3.9	27
13	Assessment of spatial and temporal variations in trace element concentrations using honeybees (Apis mellifera) as bioindicators. PeerJ, 2018, 6, e5197.	0.9	26
14	The petrographical and organic geochemical composition of coal from the East field, Bogovina Basin (Serbia). International Journal of Coal Geology, 2010, 81, 227-241.	1.9	22
15	Petrological and geochemical composition of lignite from the D field, Kolubara basin (Serbia). International Journal of Coal Geology, 2013, 111, 5-22.	1.9	19
16	Synthesis, Characterization and Adsorptive Properties Î¿f Organobentonites. Acta Physica Polonica A, 2010, 117, 849-854.	0.2	19
17	Quantification and mechanisms of BTEX distribution between aqueous and gaseous phase in a dynamic system. Chemosphere, 2016, 144, 721-727.	4.2	18
18	Vibrational spectra of M3IMIIIS3 type synthetic minerals (MI = Tl or Ag and MIII = As or Sb). Vibrational Spectroscopy, 2004, 35, 59-65.	1.2	17

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19	U and Th in some brown coals of Serbia and Montenegro and their environmental impact. Environmental Science and Pollution Research, 2008, 15, 155-161.	2.7	15
20	Distribution and availability of potentially toxic metals in soil in central area of Belgrade, Serbia. Environmental Chemistry Letters, 2010, 8, 261-269.	8.3	15
21	Anthropogenic influence on seasonal and spatial variation in bioelements and non-essential elements in honeybees and their hemolymph. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 239, 108852.	1.3	15
22	Long-term changes in the eco-chemical status of the Danube River in the region of Serbia. Journal of the Serbian Chemical Society, 2010, 75, 1125-1148.	0.4	13
23	Natural radioactivity of coal and fly ash at the Nikola Tesla B TPP. Hemijska Industrija, 2013, 67, 729-738.	0.3	13
24	Two new examples of very short thalliumâ€“transition metal contacts: Tl3Ag3Sb2S6 and Tl3Ag3As2S6. Journal of Alloys and Compounds, 2008, 457, 66-74.	2.8	12
25	Possibilities of assessing trace metal pollution using Betula pendula Roth. leaf and bark - experience in Serbia. Journal of the Serbian Chemical Society, 2017, 82, 723-737.	0.4	11
26	The evolution of the trophic state of the Palic Lake (Serbia). Journal of the Serbian Chemical Society, 2010, 75, 717-732.	0.4	10
27	The resurrection flowering plant Ramonda nathaliae on serpentine soil â€“ coping with extreme mineral element stress. Flora: Morphology, Distribution, Functional Ecology of Plants, 2013, 208, 618-625.	0.6	10
28	PAHs levels in gas and particle-bound phase in schools at different locations in Serbia. Chemical Industry and Chemical Engineering Quarterly, 2015, 21, 159-167.	0.4	10
29	Use of honeybees (Apis mellifera L.) as bioindicators of spatial variations and origin determination of metal pollution in Serbia. Journal of the Serbian Chemical Society, 2018, 83, 773-784.	0.4	10
30	Long-term seasonal changes of the Danube River eco-chemical status in the region of Serbia. Environmental Monitoring and Assessment, 2012, 184, 2805-2828.	1.3	9
31	Analysis of medieval Serbian silver coins from XIV and XV century by means of wavelength-dispersive X-ray spectrometry. Nuclear Instruments & Methods in Physics Research B, 2016, 366, 161-170.	0.6	9
32	Distribution of major and trace elements in the Kovin lignite (Serbia). Geologia Croatica, 2019, 72, 51-79.	0.3	6
33	Effect of sample preparation procedure on standardless wavelength dispersive X-ray fluorescence analysis of plant samples. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 184, 106258.	1.5	6
34	Crystal structure of (Bi0.94Sb1.06)S3 and reconsideration of cation distribution over mixed sites in the bismuthinitestibnite solid-solution series. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2012, 189, 177-187.	0.1	5
35	Infrared Spectra of Three MIMIIIS2Type Synthetic Minerals: (MI= Ag OR Tl, MIII= Sb OR As). Spectroscopy Letters, 1997, 30, 79-87.	0.5	4
36	Anti-Hail Protectionâ€”Assessment of Financial Effects on the Territory of Belgrade. Sustainability, 2018, 10, 1239.	1.6	4

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37	Artificial cellulose standards as calibration standards for wavelength-dispersive X-ray fluorescence analysis of elements in plant samples. Nuclear Instruments & Methods in Physics Research B, 2021, 502, 106-117.	0.6	4
38	Adsorption of nicotine from aqueous solutions on montmorillonite and acid-modified montmorillonite. Science of Sintering, 2019, 51, 93-100.	0.5	4
39	The photoelectron spectra of some Tl-Sb sulphosalts. Physics and Chemistry of Minerals, 1993, 20, 285-296.	0.3	3
40	Statistical analysis of the influence of major tributaries to the eco-chemical status of the Danube River. Environmental Monitoring and Assessment, 2015, 187, 553.	1.3	2
41	The influence of modification on structural, textural and adsorption properties of bentonite. Hemijska Industrija, 2008, 62, 131-137.	0.3	2
42	Comparison of non-destructive techniques and conventionally used spectrometric techniques for determination of elements in plant samples (coniferous leaves). Journal of the Serbian Chemical Society, 2022, 87, 69-81.	0.4	1