Ivan Grzetic

List of Publications by Citations

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	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	0.9	68
41	Distribution and fractionation of heavy metals in the Tisa (Tisza) river sediments. *Environmental Science and Pollution Research*, **2007**, 14, 229-36	5.1	60
40	Organo-inorganic bentonite for simultaneous adsorption of Acid Orange 10 and lead ions. *Applied Clay Science*, **2010**, 47, 452-456	5.2	56
39	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	3.4	42
38	Petrological, organic geochemical and geochemical characteristics of coal from the Soko mine, Serbia. *International Journal of Coal Geology*, **2008**, 73, 285-306	5.5	33
37	Organobentonite as Efficient Textile Dye Sorbent. *Chemical Engineering and Technology*, **2008**, 31, 567-574	2.1	32
36	Metal concentrations around thermal power plants, rural and urban areas using honeybees (Apis mellifera L.) as bioindicators. *International Journal of Environmental Science and Technology*, **2016**, 13, 413-422	3.3	26
35	Synergic adsorption of Pb2+ and reactive dye--RB5 on two series of organomodified bentonites. *Journal of Contaminant Hydrology*, **2013**, 150, 1-11	3.9	23
34	ENVIRONMENTAL EFFECTS ON SUPEROXIDE DISMUTASE AND CATALASE ACTIVITY AND EXPRESSION IN HONEY BEE. *Archives of Insect Biochemistry and Physiology*, **2015**, 90, 181-94	2.3	21
33	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	10.2	19
32	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	5.1	18
31	Assessment of spatial and temporal variations in trace element concentrations using honeybees () as bioindicators. *PeerJ*, **2018**, 6, e5197	3.1	17
30	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	3.2	16
29	Petrological and geochemical composition of lignite from the D field, Kolubara basin (Serbia). *International Journal of Coal Geology*, **2013**, 111, 5-22	5.5	16
28	Synthesis, Characterization and Adsorptive Properties of Organobentonites. *Acta Physica Polonica A*, **2010**, 117, 849-854	0.6	16
27	Distribution and availability of potentially toxic metals in soil in central area of Belgrade, Serbia. *Environmental Chemistry Letters*, **2010**, 8, 261-269	13.3	14
26	Vibrational spectra of M3IMIIIS3 type synthetic minerals (MI = Tl or Ag and MIII = As or Sb). *Vibrational Spectroscopy*, **2004**, 35, 59-65	2.1	14

25	The petrographical and organic geochemical composition of coal from the East field, Bogovina Basin (Serbia). *International Journal of Coal Geology*, **2010**, 81, 227-241	5.5	13
24	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	0.9	12
23	Quantification and mechanisms of BTEX distribution between aqueous and gaseous phase in a dynamic system. *Chemosphere*, **2016**, 144, 721-7	8.4	11
22	U and Th in some brown coals of Serbia and Montenegro and their environmental impact. *Environmental Science and Pollution Research*, **2008**, 15, 155-61	5.1	11
21	Natural radioactivity of coal and fly ash at the Nikola Tesla B TPP. *Hemijska Industrija*, **2013**, 67, 729-738	0.6	11
20	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	1.2	9
19	The evolution of the trophic state of the Palic Lake (Serbia). *Journal of the Serbian Chemical Society*, **2010**, 75, 717-732	0.9	9
18	Two new examples of very short thallium□ransition metal contacts: Tl3Ag3Sb2S6 and Tl3Ag3As2S6. *Journal of Alloys and Compounds*, **2008**, 457, 66-74	5.7	9
17	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	0.9	9
16	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	0.7	7
15	Long-term seasonal changes of the Danube River eco-chemical status in the region of Serbia. *Environmental Monitoring and Assessment*, **2012**, 184, 2805-28	3.1	7
14	The resurrection flowering plant Ramonda nathaliae on serpentine soil □oping with extreme mineral element stress. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **2013**, 208, 618-625	1.9	6
13	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	1	5
12	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	0.9	5
11	Distribution of major and trace elements in the Kovin lignite (Serbia). *Geologia Croatica*, **2019**, 72, 51-79	1.9	5
10	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	3.2	5
9	Infrared Spectra of Three MIMIIIS2 Type Synthetic Minerals: (MI = Ag OR TI, MIII = Sb OR As). *Spectroscopy Letters*, **1997**, 30, 79-87	1.1	3
8	Statistical analysis of the influence of major tributaries to the eco-chemical status of the Danube River. *Environmental Monitoring and Assessment*, **2015**, 187, 553	3.1	2

7	The photoelectron spectra of some Tl-Sb sulphosalts. *Physics and Chemistry of Minerals*, **1993**, 20, 285-296	1.66	2
6	Adsorption of nicotine from aqueous solutions on montmorillonite and acid-modified montmorillonite. *Science of Sintering*, **2019**, 51, 93-100	0.7	2
5	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	1.2	2
4	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	3.1	2
3	Anti-Hail Protection Assessment of Financial Effects on the Territory of Belgrade. *Sustainability*, **2018**, 10, 1239	3.6	1
2	The influence of modification on structural, textural and adsorption properties of bentonite. *Hemijska Industrija*, **2008**, 62, 131-137	0.6	1
1	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*, **2021**, 101-101	0.9	