

Dragana ÄörÄ‘eviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,012
citations

471371

17
h-index

434063

31
g-index

49
all docs

49
docs citations

49
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural and anthropogenic factors affecting the groundwater quality in Serbia. <i>Science of the Total Environment</i> , 2014, 468-469, 933-942.	3.9	128
2	Heavy metals accumulation in tree leaves from urban areas. <i>Environmental Chemistry Letters</i> , 2004, 2, 151-154.	8.3	110
3	Trace and major element pollution originating from coal ash suspension and transport processes. <i>Environment International</i> , 2001, 26, 251-255.	4.8	71
4	Assessment of the contamination of riparian soil and vegetation by trace metals – A Danube River case study. <i>Science of the Total Environment</i> , 2016, 540, 396-409.	3.9	58
5	A study of trace element contamination in river sediments in Serbia using microwave-assisted aqua regia digestion and multivariate statistical analysis. <i>Microchemical Journal</i> , 2011, 99, 492-502.	2.3	57
6	Speciations of trace metals in the Danube alluvial sediments within an oil refinery. <i>Environment International</i> , 2005, 31, 661-669.	4.8	56
7	Evaluation of sediment contamination with heavy metals: the importance of determining appropriate background content and suitable element for normalization. <i>Environmental Geochemistry and Health</i> , 2015, 37, 97-113.	1.8	48
8	Five primary sources of organic aerosols in the urban atmosphere of Belgrade (Serbia). <i>Science of the Total Environment</i> , 2016, 571, 1441-1453.	3.9	36
9	Assessment of the environmental significance of nutrients and heavy metal pollution in the river network of Serbia. <i>Environmental Science and Pollution Research</i> , 2016, 23, 282-297.	2.7	33
10	Aquatic sediments pollution estimate using the metal fractionation, secondary phase enrichment factor calculation, and used statistical methods. <i>Environmental Geochemistry and Health</i> , 2016, 38, 855-867.	1.8	32
11	Size-segregated mass concentration and water soluble inorganic ions in an urban aerosol of the Central Balkans (Belgrade). <i>Atmospheric Environment</i> , 2012, 46, 309-317.	1.9	31
12	Persistent organic pollutants (POPs) in sediments from river and artificial lakes in Serbia. <i>Journal of Geochemical Exploration</i> , 2017, 180, 91-100.	1.5	30
13	Trace element study in Tisa River and Danube alluvial sediment in Serbia. <i>International Journal of Sediment Research</i> , 2013, 28, 234-245.	1.8	27
14	Contribution of marine and continental aerosols to the content of major ions in the precipitation of the central Mediterranean. <i>Science of the Total Environment</i> , 2006, 370, 441-451.	3.9	25
15	Trace elements as tracers of environmental pollution in the canal sediments (alluvial formation of) Tj ETQq1 1 0.784314 rgBT/Overload	1.3	22
16	Pollution and Health Risk Assessments of Potentially Toxic Elements in Soil and Sediment Samples in a Petrochemical Industry and Surrounding Area. <i>Molecules</i> , 2019, 24, 2139.	1.7	19
17	Trace elements in size-segregated urban aerosol in relation to the anthropogenic emission sources and the resuspension. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10949-10959.	2.7	18
18	Comparison of single extraction procedures and the application of an index for the assessment of heavy metal bioavailability in river sediments. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21485-21500.	2.7	16

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19	An interlaboratory comparison of aerosol inorganic ion measurements by ion chromatography: implications for aerosol pH estimate. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6325-6341.	1.2	16
20	The contributions of high- and low altitude emission sources to the near ground concentrations of air pollutants. <i>Atmospheric Research</i> , 2008, 87, 170-182.	1.8	15
21	Geochemical Fractionation and Risk Assessment of Potentially Toxic Elements in Sediments from Kupa River, Croatia. <i>Water (Switzerland)</i> , 2020, 12, 2024.	1.2	14
22	Fractionation of Potentially Toxic Elements (PTEs) in Urban Soils from Salzburg, Thessaloniki and Belgrade: An Insight into Source Identification and Human Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6014.	1.2	14
23	Detection limit for an adsorption-based mercury sensor. <i>Microelectronic Engineering</i> , 2013, 103, 118-122.	1.1	12
24	Study of potential harmful elements (arsenic, mercury and selenium) in surface sediments from Serbian rivers and artificial lakes. <i>Journal of Geochemical Exploration</i> , 2017, 180, 24-34.	1.5	11
25	Water-soluble main ions in precipitation over the southeastern Adriatic region: chemical composition and long-range transport. <i>Environmental Science and Pollution Research</i> , 2010, 17, 1591-1598.	2.7	10
26	An adsorption-based mercury sensor with continuous readout. <i>Microsystem Technologies</i> , 2013, 19, 749-755.	1.2	10
27	Microbial diversity and isolation of multiple metal-tolerant bacteria from surface and underground pits within the copper mining and smelting complex Bor. <i>Archives of Biological Sciences</i> , 2013, 65, 375-386.	0.2	10
28	Speciation of selected trace and major elements in lignite used in "Nikola Tesla A" power plant (Obrenovac, Serbia). <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 1497-1513.	0.4	8
29	A theoretical study of conformational flexibility, magnetic properties, and polarizabilities of trimethylnaphthalenes. <i>International Journal of Quantum Chemistry</i> , 2013, 113, 1890-1898.	1.0	7
30	The chemical characteristics of soil which determine phosphorus partitioning in highly calcareous soils. <i>Journal of the Serbian Chemical Society</i> , 2006, 71, 1219-1236.	0.4	7
31	Associations of trace elements in aerosol at the south Adriatic coast. <i>Environmental Chemistry Letters</i> , 2004, 2, 147-150.	8.3	6
32	The dominant contribution on wet deposition of water-soluble main ions in the South-Eastern Adriatic region. <i>Open Chemistry</i> , 2012, 10, 1301-1309.	1.0	6
33	Mass distributions and morphological and chemical characterization of urban aerosols in the continental Balkan area (Belgrade). <i>Environmental Science and Pollution Research</i> , 2016, 23, 851-859.	2.7	6
34	Pollution by Urticaceae pollenâ€™ influence of selected air pollutants and meteorological parameters. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10072-10079.	2.7	5
35	Ab initio and density functional study of barrier heights for methyl group torsion and conformational deformability in 1,4,6-trimethylnaphthalene. <i>Chemical Physics Letters</i> , 2012, 536, 19-25.	1.2	4
36	Freshwater environmental quality parameters of man-made lakes of Serbia. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5221-5234.	1.3	4

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37	Two nitro derivatives of azabenz[a]pyrene N-oxide: Electronic properties and their relation to mutagenic activity. <i>Journal of Hazardous Materials</i> , 2015, 285, 94-102.	6.5	4
38	Size-segregated trace elements in continental suburban aerosols: seasonal variation and estimation of local, regional, and remote emission sources. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 615.	1.3	4
39	Geochemical Fractionation and Assessment of Probabilistic Ecological Risk of Potential Toxic Elements in Sediments Using Monte Carlo Simulations. <i>Molecules</i> , 2019, 24, 2145.	1.7	4
40	Coarse, fine and ultrafine particles of sub-urban continental aerosols measured using an 11-stage Berner cascade impactor. <i>Atmospheric Pollution Research</i> , 2020, 11, 499-510.	1.8	4
41	Analysis of human exhaled breath in a population of young volunteers. <i>Archives of Biological Sciences</i> , 2014, 66, 1529-1538.	0.2	4
42	Substituted naphthalenes: Stability, conformational flexibility and description of bonding based on ETS-NOCV method. <i>Chemical Physics Letters</i> , 2016, 661, 136-142.	1.2	3
43	Partitioning of particulate matter and elements of suburban continental aerosols between fine and coarse modes. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20841-20853.	2.7	3
44	Theoretical study of nitrodibenzofurans: A possible relationship between molecular properties and mutagenic activity. <i>Journal of Hazardous Materials</i> , 2016, 318, 623-630.	6.5	1
45	Evaluation of Element Mobility in River Sediment Using Different Single Extraction Procedures and Assessment of Probabilistic Ecological Risk. <i>Water (Switzerland)</i> , 2021, 13, 1411.	1.2	1
46	Element Content in Volcano Ash, Soil and River Sediments of the Watershed in the Volcanic Area of South Iceland and Assessment of Their Mobility Potential. <i>Water (Switzerland)</i> , 2021, 13, 1928.	1.2	1
47	The influence of the association patterns of phosphorus-substrates and xylene-substrates on the degradation of xylenes in an alluvial aquifer. <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 1515-1531.	0.4	1
48	To Professor Petar Pfendt, In calidum, et plurium retributivus memoriae: FTIR-ATR analysis of post stamps of Principality of Serbia issued in 1866 and 1868 and their forgeries. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 27-40.	0.4	0