

# Sanja M Sakan

## List of Publications by Citations

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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.

34  
papers

848  
citations

16  
h-index

29  
g-index

36  
ext. papers

990  
ext. citations

4.2  
avg, IF

4.19  
L-index

#	Paper	IF	Citations
34	Assessment of heavy metal pollutants accumulation in the Tisza river sediments. <i>Journal of Environmental Management</i> , <b>2009</b> , 90, 3382-90	7.9	280
33	Natural and anthropogenic factors affecting the groundwater quality in Serbia. <i>Science of the Total Environment</i> , <b>2014</b> , 468-469, 933-42	10.2	86
32	Distribution and fractionation of heavy metals in the Tisa (Tisza) river sediments. <i>Environmental Science and Pollution Research</i> , <b>2007</b> , 14, 229-36	5.1	60
31	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> , <b>2011</b> , 99, 492-502	4.8	48
30	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> , <b>2015</b> , 37, 97-113	4.7	33
29	Evaluation of potentially toxic element contamination in the riparian zone of the River Sava. <i>Catena</i> , <b>2019</b> , 174, 399-412	5.8	31
28	Persistent organic pollutants (POPs) in sediments from river and artificial lakes in Serbia. <i>Journal of Geochemical Exploration</i> , <b>2017</b> , 180, 91-100	3.8	25
27	Assessment of the environmental significance of nutrients and heavy metal pollution in the river network of Serbia. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 282-97	5.1	25
26	Aquatic sediments pollution estimate using the metal fractionation, secondary phase enrichment factor calculation, and used statistical methods. <i>Environmental Geochemistry and Health</i> , <b>2016</b> , 38, 855-677	4.7	24
25	Trace element study in Tisa River and Danube alluvial sediment in Serbia. <i>International Journal of Sediment Research</i> , <b>2013</b> , 28, 234-245	3	24
24	Assessment of contamination, environmental risk, and origin of heavy metals in soils surrounding industrial facilities in Vojvodina, Serbia. <i>Environmental Monitoring and Assessment</i> , <b>2018</b> , 190, 208	3.1	20
23	Conventional, microwave, and ultrasound sequential extractions for the fractionation of metals in sediments within the Petrochemical Industry, Serbia. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 7627-45	3.1	20
22	Risk assessment of trace element contamination in river sediments in Serbia using pollution indices and statistical methods: a pilot study. <i>Environmental Earth Sciences</i> , <b>2015</b> , 73, 6625-6638	2.9	19
21	Aqua regia extracted metals in sediments from the industrial area and surroundings of Panëvo, Serbia. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 186, 1893-901	12.8	18
20	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> , <b>2018</b> , 75, 335-350 <sup>3.2</sup>	3.2	16
19	Trace elements as tracers of environmental pollution in the canal sediments (alluvial formation of the Danube River, Serbia). <i>Environmental Monitoring and Assessment</i> , <b>2010</b> , 167, 219-33	3.1	16
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> , <b>2016</b> , 23, 21485-21500	5.1	13

17	Natural and anthropogenic sources of chromium, nickel and cobalt in soils impacted by agricultural and industrial activity (Vojvodina, Serbia). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2019</b> , 54, 219-230	2.3	13
16	Evaluation of heavy metal contamination in sediments using the method of total digestion and determination of the binding forms-Tisa River Basin, Serbia. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2010</b> , 45, 783-94	2.3	12
15	Assessment of arsenic and mercury contamination in the Tisa River sediments and industrial canal sediments (Danube alluvial formation), Serbia. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2012</b> , 47, 109-16	2.3	12
14	Can Volcanic Dust Suspended From Surface Soil and Deserts of Iceland Be Transferred to Central Balkan Similarly to African Dust (Sahara)?. <i>Frontiers in Earth Science</i> , <b>2019</b> , 7,	3.5	10
13	Pollution and Health Risk Assessments of Potentially Toxic Elements in Soil and Sediment Samples in a Petrochemical Industry and Surrounding Area. <i>Molecules</i> , <b>2019</b> , 24,	4.8	10
12	Environmental Assessment of Heavy Metal Pollution in Freshwater Sediment, Serbia. <i>Clean - Soil, Air, Water</i> , <b>2015</b> , 43, 838-845	1.6	7
11	Study of potential harmful elements (arsenic, mercury and selenium) in surface sediments from Serbian rivers and artificial lakes. <i>Journal of Geochemical Exploration</i> , <b>2017</b> , 180, 24-34	3.8	6
10	Geochemical Fractionation and Risk Assessment of Potentially Toxic Elements in Sediments from Kupa River, Croatia. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2024	3	6
9	Environmental impact of industrial and agricultural activities to the trace element content in soil of Srem (Serbia). <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 133	3.1	4
8	Ranking and similarity of conventional, microwave and ultrasound element sequential extraction methods. <i>Chemosphere</i> , <b>2018</b> , 198, 103-110	8.4	3
7	Geochemical Fractionation and Assessment of Probabilistic Ecological Risk of Potential Toxic Elements in Sediments Using Monte Carlo Simulations. <i>Molecules</i> , <b>2019</b> , 24,	4.8	3
6	Freshwater environmental quality parameters of man-made lakes of Serbia. <i>Environmental Monitoring and Assessment</i> , <b>2014</b> , 186, 5221-34	3.1	3
5	Comparison of extraction agents for metal determination in sediments from artificial lakes and rivers in Serbia. <i>Acta Periodica Technologica</i> , <b>2019</b> , 189-196	0.8	1
4	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> , <b>2021</b> , 13, 1928	3	0
3	To Professor Petar Pfenđt, In calidum, et plurium retributivus memoriae: FT IR 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> , <b>2021</b> , 90-90	0.9	
2	Response to Comments by T. Matys Grygar (2019) on Evaluation of potentially toxic element contamination in the riparian zone of the River Sava. <i>Catena</i> , <b>2020</b> , 185, 104230	5.8	
1	Evaluation of Element Mobility in River Sediment Using Different Single Extraction Procedures and Assessment of Probabilistic Ecological Risk. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1411	3	