# Sanja M Sakan

List of Publications by Year
in descending order



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|---|---|---|---|
| 36 papers | 1,121 citations | 430754 18 h-index | 414303 32 g-index |
| 36 all docs | 36 docs citations | 36 times ranked | 1486 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Assessment of heavy metal pollutants accumulation in the Tisza river sediments. Journal of Environmental Management, 2009, 90, 3382-3390. | 3.8 | 333 |
| 2 | Natural and anthropogenic factors affecting the groundwater quality in Serbia. Science of the Total Environment, 2014, 468-469, 933-942. | 3.9 | 128 |
| 3 | Distribution and fractionation of heavy metals in the Tisa (Tisza) River sediments. Environmental Science and Pollution Research, 2007, 14, 229-236. | 2.7 | 77 |
| 4 | A study of trace element contamination in river sediments in Serbia using microwave-assisted aqua regia digestion and multivariate statistical analysis. Microchemical Journal, 2011, 99, 492-502. | 2.3 | 57 |
| 5 | Evaluation of potentially toxic element contamination in the riparian zone of the River Sava. Catena, 2019, 174, 399-412. | 2.2 | 49 |
| 6 | Evaluation of sediment contamination with heavy metals: the importance of determining appropriate background content and suitable element for normalization. Environmental Geochemistry and Health, 2015, 37, 97-113. | 1.8 | 48 |
| 7 | Assessment of the environmental significance of nutrients and heavy metal pollution in the river network of Serbia. Environmental Science and Pollution Research, 2016, 23, 282-297. | 2.7 | 33 |
| 8 | Aquatic sediments pollution estimate using the metal fractionation, secondary phase enrichment factor calculation, and used statistical methods. Environmental Geochemistry and Health, 2016, 38, 855-867. | 1.8 | 32 |
| 9 | Persistent organic pollutants (POPs) in sediments from river and artificial lakes in Serbia. Journal of Geochemical Exploration, 2017, 180, 91-100. | 1.5 | 30 |
| 10 | 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 |
| 11 | Trace element study inâˆ¼Tisa River and Danube alluvial sediment in Serbia. International Journal of Sediment Research, 2013, 28, 234-245. | 1.8 | 27 |
| 12 | Natural and anthropogenic sources of chromium, nickel and cobalt in soils impacted by agricultural and industrial activity (Vojvodina, Serbia). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 219-230. | 0.9 | 26 |
| 13 | Assessment of contamination, environmental risk, and origin of heavy metals in soils surrounding industrial facilities in Vojvodina, Serbia. Environmental Monitoring and Assessment, 2018, 190, 208. | 1.3 | 25 |
| 14 | Trace elements as tracers of environmental pollution in the canal sediments (alluvial formation of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.3 | 22 |
| 15 | Aqua regia extracted metals in sediments from the industrial area and surroundings of PanÄevo, Serbia. Journal of Hazardous Materials, 2011, 186, 1893-1901. | 6.5 | 22 |
| 16 | Conventional, microwave, and ultrasound sequential extractions for the fractionation of metals in sediments within the Petrochemical Industry, Serbia. Environmental Monitoring and Assessment, 2013, 185, 7627-7645. | 1.3 | 22 |
| 17 | Risk assessment of trace element contamination in river sediments in Serbia using pollution indices and statistical methods: a pilot study. Environmental Earth Sciences, 2015, 73, 6625-6638. | 1.3 | 20 |
| 18 | Pollution and Health Risk Assessments of Potentially Toxic Elements in Soil and Sediment Samples in a Petrochemical Industry and Surrounding Area. Molecules, 2019, 24, 2139. | 1.7 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comparison of single extraction procedures and the application of an index for the assessment of heavy metal bioavailability in river sediments. Environmental Science and Pollution Research, 2016, 23, 21485-21500. | 2.7 | 16 |
| 20 | Evaluation of heavy metal contamination in sediments using the method of total digestion and determination of the binding forms-Tisa River Basin, Serbia. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 783-794. | 0.9 | 14 |
| 21 | Geochemical Fractionation and Risk Assessment of Potentially Toxic Elements in Sediments from Kupa River, Croatia. Water (Switzerland), 2020, 12, 2024. | 1.2 | 14 |
| 22 | Can Volcanic Dust Suspended From Surface Soil and Deserts of Iceland Be Transferred to Central Balkan Similarly to African Dust (Sahara)?. Frontiers in Earth Science, 2019, 7, . | 0.8 | 13 |
| 23 | Assessment of arsenic and mercury contamination in the Tisa River sediments and industrial canal sediments (Danube alluvial formation), Serbia. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 109-116. | 0.9 | 12 |
| 24 | Environmental impact of industrial and agricultural activities to the trace element content in soil of Srem (Serbia). Environmental Monitoring and Assessment, 2019, 191, 133. | 1.3 | 12 |
| 25 | Study of potential harmful elements (arsenic, mercury and selenium) in surface sediments from Serbian rivers and artificial lakes. Journal of Geochemical Exploration, 2017, 180, 24-34. | 1.5 | 11 |
| 26 | Environmental Assessment of Heavy Metal Pollution in Freshwater Sediment, Serbia. Clean - Soil, Air, Water, 2015, 43, 838-845. | 0.7 | 10 |
| 27 | Ranking and similarity of conventional, microwave and ultrasound element sequential extraction methods. Chemosphere, 2018, 198, 103-110. | 4.2 | 6 |
| 28 | Freshwater environmental quality parameters of man-made lakes of Serbia. Environmental Monitoring and Assessment, 2014, 186, 5221-5234. | 1.3 | 4 |
| 29 | Geochemical Fractionation and Assessment of Probabilistic Ecological Risk of Potential Toxic Elements in Sediments Using Monte Carlo Simulations. Molecules, 2019, 24, 2145. | 1.7 | 4 |
| 30 | An Integrated Approach in the Assessment of the Vlasina River System Pollution by Toxic Elements. Frontiers in Environmental Science, 0, 10, . | 1.5 | 3 |
| 31 | Geochemistry of Water and Sediment. Water (Switzerland), 2021, 13, 693. | 1.2 | 1 |
| 32 | Evaluation of Element Mobility in River Sediment Using Different Single Extraction Procedures and Assessment of Probabilistic Ecological Risk. Water (Switzerland), 2021, 13, 1411. | 1.2 | 1 |
| 33 | 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. Water (Switzerland), 2021, 13, 1928. | 1.2 | 1 |
| 34 | Comparison of extraction agents for metal determination in sediments from artificial lakes and rivers in Serbia. Acta Periodica Technologica, 2019, , 189-196. | 0.5 | 1 |
| 35 | Response to Comments by T. Matys Grygar (2019) on â€œEvaluation of potentially toxic element contamination in the riparian zone of the River Savaâ€• Catena, 2020, 185, 104230. | 2.2 | 0 |
| 36 | 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. Journal of the Serbian Chemical Society, 2022, 87, 27-40. | 0.4 | 0 |