

Janja Vidmar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spatial and temporal variability and sources of dissolved trace elements in the Sava River (Slovenia), Tj ETQq1 1 0.784314 rgBT /Overl	5.3	7
2	Following the Occurrence and Origin of Titanium Dioxide Nanoparticles in the Sava River by Single Particle ICP-MS. Water (Switzerland), 2022, 14, 959.	2.7	8
3	Transport of Potentially Toxic Elements in Solid Particulate Matter during Flash Flood Events in Upper and Lower Stretch of the Sava River. Water (Switzerland), 2022, 14, 1213.	2.7	2
4	Particle size analysis of pristine food-grade titanium dioxide and E 171 in confectionery products: Interlaboratory testing of a single-particle inductively coupled plasma mass spectrometry screening method and confirmation with transmission electron microscopy. Food Control, 2021, 120, 107550.	5.5	48
5	Detection and characterization of metal-based nanoparticles in environmental, biological and food samples by single particle inductively coupled plasma mass spectrometry. Comprehensive Analytical Chemistry, 2021, 93, 345-380.	1.3	2
6	Titanium dioxide nanoparticles in food: comparison of detection by triple-quadrupole and high-resolution ICP-MS in single-particle mode. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	16
7	Single-Particle ICP-MS as a Screening Technique for the Presence of Potential Inorganic Nanoparticles in Food. Journal of Agricultural and Food Chemistry, 2021, 69, 9979-9990.	5.2	7
8	Monolithic chromatography on conjoint liquid chromatography columns for speciation of platinum-based chemotherapeutics in serum of cancer patients. Journal of Trace Elements in Medicine and Biology, 2020, 57, 28-39.	3.0	6
9	A Multiparametric Approach to Cerium Oxide Nanoparticle Toxicity Assessment in Non-Biting Midges. Environmental Toxicology and Chemistry, 2020, 39, 131-140.	4.3	6
10	Inhalation of welding fumes reduced sperm counts and high fat diet reduced testosterone levels; differential effects in Sprague Dawley and Brown Norway rats. Particle and Fibre Toxicology, 2020, 17, 2.	6.2	8
11	Impact of iron oxide nanoparticles on xenobiotic metabolism in HepaRG cells. Archives of Toxicology, 2020, 94, 4023-4035.	4.2	6
12	Magneto-Liposomes as MRI Contrast Agents: A Systematic Study of Different Liposomal Formulations. Nanomaterials, 2020, 10, 889.	4.1	28
13	The presence of iron oxide nanoparticles in the food pigment E172. Food Chemistry, 2020, 327, 127000.	8.2	31
14	Particle bound pollutants in rivers: Results from suspended sediment sampling in Globaqua River Basins. Science of the Total Environment, 2019, 647, 645-652.	8.0	77
15	Potentially toxic elements in water, sediments and fish of the Evrotas River under variable water discharges. Science of the Total Environment, 2019, 648, 1087-1096.	8.0	12
16	Potentially toxic elements in muscle tissue of different fish species from the Sava River and risk assessment for consumers. Science of the Total Environment, 2019, 650, 958-969.	8.0	20
17	Magnetic interactions and <i>in vitro</i> study of biocompatible hydrocaffeic acid-stabilized Fe ⁰ -Pt clusters as MRI contrast agents. RSC Advances, 2018, 8, 14694-14704.	3.6	9
18	Investigation of the behaviour of zero-valent iron nanoparticles and their interactions with Cd ²⁺ in wastewater by single particle ICP-MS. Science of the Total Environment, 2018, 634, 1259-1268.	8.0	40

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19	Comparison of the suitability of alkaline or enzymatic sample pre-treatment for characterization of silver nanoparticles in human tissue by single particle ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 752-761.	3.0	41
20	Hybrid FePt/SiO ₂ /Au nanoparticles as a theranostic tool: <i>in vitro</i> photo-thermal treatment and MRI imaging. <i>Nanoscale</i> , 2018, 10, 1308-1321.	5.6	20
21	Occurrence of C60 and related fullerenes in the Sava River under different hydrologic conditions. <i>Science of the Total Environment</i> , 2018, 643, 1108-1116.	8.0	31
22	An environmentally relevant concentration of titanium dioxide (TiO ₂) nanoparticles induces morphological changes in the mouthparts of <i>Chironomus tentans</i> . <i>Chemosphere</i> , 2018, 211, 489-499.	8.2	21
23	Potentially toxic elements in the riparian soils of the Sava River. <i>Journal of Soils and Sediments</i> , 2018, 18, 3404-3414.	3.0	20
24	Connecting the <i>in vitro</i> and <i>in vivo</i> experiments in electrochemotherapy - a feasibility study modeling cisplatin transport in mouse melanoma using the dual-porosity model. <i>Journal of Controlled Release</i> , 2018, 286, 33-45.	9.9	18
25	Translocation of silver nanoparticles in the <i>ex vivo</i> human placenta perfusion model characterized by single particle ICP-MS. <i>Nanoscale</i> , 2018, 10, 11980-11991.	5.6	49
26	Critical evaluation of the use of different nanoscale zero-valent iron particles for the treatment of effluent water from a small biological wastewater treatment plant. <i>Chemical Engineering Journal</i> , 2017, 321, 20-30.	12.7	54
27	Sizing and simultaneous quantification of nanoscale titanium dioxide and a dissolved titanium form by single particle inductively coupled plasma mass spectrometry. <i>Microchemical Journal</i> , 2017, 132, 391-400.	4.5	39
28	Characterisation of food contact non-stick coatings containing TiO ₂ nanoparticles and study of their possible release into food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 421-433.	2.3	30
29	Potentially toxic elements in water and sediments of the Sava River under extreme flow events. <i>Science of the Total Environment</i> , 2017, 605-606, 894-905.	8.0	47
30	Elements in water, suspended particulate matter and sediments of the Sava River. <i>Journal of Soils and Sediments</i> , 2017, 17, 1917-1927.	3.0	41
31	pH and metal concentration of synovial fluid of osteoarthritic joints and joints with metal replacements. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2507-2515.	3.4	19
32	Diversity of TiO ₂ nanopowders™ characteristics relevant to toxicity testing. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	6
33	Dissolution Mechanism of Upconverting AYF ₄ :Yb,Tm (A = Na or K) Nanoparticles in Aqueous Media. <i>Langmuir</i> , 2016, 32, 8222-8229.	3.5	49
34	Monolithic chromatography in speciation analysis of metal-containing biomolecules: a review. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1766-1779.	3.0	8
35	Optimization of the procedure for efficient dispersion of titanium dioxide nanoparticles in aqueous samples. <i>Analytical Methods</i> , 2016, 8, 1194-1201.	2.7	21
36	Evaluation of Genotoxic Pressure along the Sava River. <i>PLoS ONE</i> , 2016, 11, e0162450.	2.5	25

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37	Speciation of cisplatin in environmental water samples by hydrophilic interaction liquid chromatography coupled to inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2015, 138, 1-7.	5.5	30
38	New method for the speciation of ruthenium-based chemotherapeutics in human serum by conjoint liquid chromatography on affinity and anion-exchange monolithic disks. <i>Journal of Chromatography A</i> , 2014, 1371, 168-176.	3.7	19