

Mikhail S Ermolin

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.

27
papers

278
citations

9
h-index

16
g-index

27
ext. papers

334
ext. citations

4
avg, IF

3.63
L-index

#	Paper	IF	Citations
27	Characterization of size, morphology and elemental composition of nano-, submicron, and micron particles of street dust separated using field-flow fractionation in a rotating coiled column. <i>Talanta</i> , 2014 , 130, 1-7	6.2	45
26	Nanoparticles of volcanic ash as a carrier for toxic elements on the global scale. <i>Chemosphere</i> , 2018 , 200, 16-22	8.4	43
25	A contribution of nanoscale particles of road-deposited sediments to the pollution of urban runoff by heavy metals. <i>Chemosphere</i> , 2018 , 210, 65-75	8.4	36
24	Isolation and quantitative analysis of road dust nanoparticles. <i>Journal of Analytical Chemistry</i> , 2017 , 72, 520-532	1.1	21
23	Separation and characterization of environmental nano- and submicron particles. <i>Reviews in Analytical Chemistry</i> , 2016 , 35, 185-199	2.3	20
22	Field-flow fractionation of nano- and microparticles in rotating coiled columns. <i>Journal of Chromatography A</i> , 2015 , 1381, 202-9	4.5	19
21	Continuous-flow leaching in a rotating coiled column for studies on the mobility of toxic elements in dust samples collected near a metallurgic plant. <i>Chemosphere</i> , 2016 , 146, 371-8	8.4	12
20	Assessment of elemental composition and properties of copper smelter-affected dust and its nano- and micron size fractions. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 23781-23790	5.1	11
19	Methodology for separation and elemental analysis of volcanic ash nanoparticles. <i>Journal of Analytical Chemistry</i> , 2017 , 72, 533-541	1.1	9
18	A set of analytical methods for the estimation of elemental and grain-size composition of volcanic ash. <i>Geochemistry International</i> , 2016 , 54, 1252-1260	0.8	9
17	Separation of nanoparticles from polydisperse environmental samples: comparative study of filtration, sedimentation, and coiled tube field-flow fractionation. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 8011-8021	4.4	8
16	Mobility and Fate of Cerium Dioxide, Zinc Oxide, and Copper Nanoparticles in Agricultural Soil at Sequential Wetting-Drying Cycles. <i>Materials</i> , 2019 , 12,	3.5	6
15	Study of the Mobility of Cerium Oxide Nanoparticles in Soil Using Dynamic Extraction in a Microcolumn and a Rotating Coiled Column. <i>Journal of Analytical Chemistry</i> , 2019 , 74, 825-833	1.1	6
14	Interaction of the Mixture of Phenolic Acids with Modified Kaolinite under Batch and Dynamic Conditions. <i>Eurasian Soil Science</i> , 2018 , 51, 938-946	1.5	5
13	Fractionation of nano- and microparticles in a rotating conoidal coiled column. <i>Journal of Analytical Chemistry</i> , 2010 , 65, 1209-1214	1.1	4
12	Stability of volcanic nanoparticles using combined capillary zone electrophoresis and laser diffraction. <i>Environmental Chemistry Letters</i> , 2021 , 19, 751-762	13.3	4
11	Reliability of the direct ICP-MS analysis of volcanic ash nanoparticles. <i>International Journal of Environmental Analytical Chemistry</i> , 2019 , 99, 369-379	1.8	3

10	Field-flow fractionation of microparticles in a rotating coiled column for the preparative separation of sorption materials. <i>Journal of Analytical Chemistry</i> , 2015 , 70, 1207-1212	1.1	3
9	Characterization of a hydroxyapatite suspension by capillary zone electrophoresis after fractionation in a rotating coiled column. <i>Mendeleev Communications</i> , 2011 , 21, 212-214	1.9	3
8	Assessment of elemental composition and properties of copper smelter-affected dust and its nano- and micron size fractions. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 5315	5.1	3
7	Field-flow fractionation of metallic microparticles in a rotating coiled column. <i>Mendeleev Communications</i> , 2016 , 26, 358-359	1.9	2
6	Sedimentation Field-flow Fractionation in Thin Channels and Rotating Coiled Columns: From Analytical to Preparative Scale Separations. <i>Separation and Purification Reviews</i> , 2021 , 50, 363-379	7.3	2
5	Behavior of cerium dioxide nanoparticles in chernozem soils at different exposure scenarios. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 17482-17488	5.1	1
4	Study on the Elemental Composition of Environmental Nanoparticles Separated in a Rotating Coiled Column: How Hazardous May Be Urban Dust and Volcanic Ash. <i>Nano Hybrids and Composites</i> , 2017 , 13, 288-293	0.7	1
3	Natural silicate nanoparticles: separation, characterization, and assessment of stability and perspectives of their use as reference nanomaterials. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 3999-4012	4.4	1
2	Nanospeciation of metals and metalloids in volcanic ash using single particle inductively coupled plasma mass spectrometry. <i>Chemosphere</i> , 2021 , 281, 130950	8.4	1
1	Cavitation Assisted Production of Assemblies of Magnetic Nanoparticles of High Chemical Purity. <i>Jom</i> , 2020 , 72, 509-516	2.1	