Olga Borovinskaya

List of Publications by Year
in descending order

18	935	623734 14	839539 18
papers	citations	h-index	g-index

18	18	18	961
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A critical evaluation of short columns for estimating the attachment efficiency of engineered nanomaterials in natural soils. Environmental Science: Nano, 2021, 8, 1801-1814.	4.3	1
2	Time-of-flight ICP-MS laser ablation zircon geochronology: assessment and comparison against quadrupole ICP-MS. Journal of Analytical Atomic Spectrometry, 2020, 35, 2282-2297.	3.0	6
3	Single cell-inductively coupled plasma-time of flight-mass spectrometry approach for ecotoxicological testing. Algal Research, 2020, 49, 101964.	4.6	26
4	Single Particle Characterization and Total Elemental Concentration Measurements in Polar Ice Using Continuous Flow Analysis-Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. Environmental Science & Technology, 2019, 53, 13275-13283.	10.0	27
5	LA-ICP-TOF-MS for rapid, all-elemental and quantitative bioimaging, isotopic analysis and the investigation of plasma processes. Journal of Analytical Atomic Spectrometry, 2019, 34, 694-701.	3.0	30
6	Sewage spills are a major source of titanium dioxide engineered (nano)-particle release into the environment. Environmental Science: Nano, 2019, 6, 763-777.	4.3	92
7	Single-Particle Mass Spectrometry of Titanium and Niobium Carbonitride Precipitates in Steels. Analytical Chemistry, 2019, 91, 943-950.	6.5	26
8	Multi-element analysis of single nanoparticles by ICP-MS using quadrupole and time-of-flight technologies. Journal of Analytical Atomic Spectrometry, 2018, 33, 835-845.	3.0	74
9	Where is the nano? Analytical approaches for the detection and quantification of TiO₂ engineered nanoparticles in surface waters. Environmental Science: Nano, 2018, 5, 313-326.	4.3	101
10	Capabilities of laser ablation â€“ ICP-TOF-MS coupling for isotopic analysis of individual uranium micrometric particles. Journal of Analytical Atomic Spectrometry, 2018, 33, 1892-1902.	3.0	20
11	Three-Dimensional Reconstruction of the Tissue-Specific Multielemental Distribution within Ceriodaphnia dubia via Multimodal Registration Using Laser Ablation ICP-Mass Spectrometry and X-ray Spectroscopic Techniques. Analytical Chemistry, 2017, 89, 4161-4168.	6.5	35
12	A Microfluidic Chip for ICPMS Sample Introduction. Journal of Visualized Experiments, 2015, , .	0.3	1
13	Capabilities of sequential and quasi-simultaneous LA-ICPMS for the multi-element analysis of small quantity of liquids (pl to nl): insights from fluid inclusion analysis. Journal of Analytical Atomic Spectrometry, 2015, 30, 1945-1969.	3.0	9
14	A New Microfluidics-Based Droplet Dispenser for ICPMS. Analytical Chemistry, 2014, 86, 6012-6018.	6.5	86
15	Diffusion- and velocity-driven spatial separation of analytes from single droplets entering an ICP off-axis. Journal of Analytical Atomic Spectrometry, 2014, 29, 262-271.	3.0	28
16	Simultaneous Mass Quantification of Nanoparticles of Different Composition in a Mixture by Microdroplet Generator-ICPTOFMS. Analytical Chemistry, 2014, 86, 8142-8148.	6.5	86
17	A prototype of a new inductively coupled plasma time-of-flight mass spectrometer providing temporally resolved, multi-element detection of short signals generated by single particles and droplets. Journal of Analytical Atomic Spectrometry, 2013, 28, 226-233.	3.0	150
18	Capabilities of inductively coupled plasma mass spectrometry for the detection of nanoparticles carried by monodisperse microdroplets. Journal of Analytical Atomic Spectrometry, 2011, 26, 1166.	3.0	137