

Violetta Shestivska

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

920
citations

567144

15
h-index

610775

24
g-index

25
all docs

25
docs citations

25
times ranked

1171
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Reduction of Carbon Dioxide on 3D Printed Electrodes. <i>ChemElectroChem</i> , 2021, 8, 2137-2149.	1.7	20
2	Copper electroplating of 3D printed composite electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2020, 858, 113763.	1.9	40
3	The development of a fully integrated 3D printed electrochemical platform and its application to investigate the chemical reaction between carbon dioxide and hydrazine. <i>Electrochimica Acta</i> , 2020, 360, 136984.	2.6	22
4	Selected ion flow tube mass spectrometry analyses of isobaric compounds methanol and hydrazine in humid air. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8744.	0.7	3
5	¹⁴ N NQR Quantification of Sodium Nitrite and Urotropin Using Singular Spectrum Analysis (SSA) for Data Filtering. <i>Applied Magnetic Resonance</i> , 2020, 51, 449-460.	0.6	2
6	Prebiotic synthesis at impact craters: the role of Fe-clays and iron meteorites. <i>Chemical Communications</i> , 2019, 55, 10563-10566.	2.2	13
7	Time-integrated thermal desorption for quantitative SIFT-MS analyses of atmospheric monoterpenes. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2997-3007.	1.9	6
8	Evaluation of lipid peroxidation by the analysis of volatile aldehydes in the headspace of synthetic membranes using selected ion flow tube mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1617-1628.	0.7	11
9	Formation of nucleobases in a Miller-Urey reducing atmosphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4306-4311.	3.3	120
10	Evaluation of peroxidative stress of cancer cells <i>in vitro</i> by real-time quantification of volatile aldehydes in culture headspace. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1344-1352.	0.7	7
11	Spectroscopic investigations of high-energy-density plasma transformations in a simulated early reducing atmosphere containing methane, nitrogen and water. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27317-27325.	1.3	11
12	Direct detection and quantification of malondialdehyde vapour in humid air using selected ion flow tube mass spectrometry supported by gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1069-1079.	0.7	17
13	Correction for Ferus et al., High-energy chemistry of formamide: A unified mechanism of nucleobase formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E339-E339.	3.3	0
14	Quantitative analysis of volatile metabolites released <i>in vitro</i> by bacteria of the genus <i>Stenotrophomonas</i> for identification of breath biomarkers of respiratory infection in cystic fibrosis. <i>Journal of Breath Research</i> , 2015, 9, 027104.	1.5	39
15	High-energy chemistry of formamide: A unified mechanism of nucleobase formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 657-662.	3.3	159
16	Exhaled breath concentrations of acetic acid vapour in gastro-esophageal reflux disease. <i>Journal of Breath Research</i> , 2014, 8, 037109.	1.5	40
17	High-Energy Chemistry of Formamide: A Simpler Way for Nucleobase Formation. <i>Journal of Physical Chemistry A</i> , 2014, 118, 719-736.	1.1	73
18	Real-Time Quantification of Traces of Biogenic Volatile Selenium Compounds in Humid Air by Selected Ion Flow Tube Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 4979-4983.	3.2	7

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19	Variability in the concentrations of volatile metabolites emitted by genotypically different strains of <i>Pseudomonas aeruginosa</i> . <i>Journal of Applied Microbiology</i> , 2012, 113, 701-713.	1.4	81
20	Determination of the Deuterium Abundances in Water from 156 to 10,000 μppm by SIFT-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 179-186.	1.2	7
21	Quantification of methyl thiocyanate in the headspace of <i>Pseudomonas aeruginosa</i> cultures and in the breath of cystic fibrosis patients by selected ion flow tube mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2459-2467.	0.7	80
22	Determination of Plant Thiols by Liquid Chromatography Coupled with Coulometric and Amperometric Detection in Lettuce Treated by Lead(II) Ions. <i>Electroanalysis</i> , 2010, 22, 1248-1259.	1.5	42
23	Sunflower Plants as Bioindicators of Environmental Pollution with Lead (II) Ions. <i>Sensors</i> , 2009, 9, 5040-5058.	2.1	52
24	Determination of content of metallothionein and low molecular mass stress peptides in transgenic tobacco plants. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 94, 291-298.	1.2	40
25	Electrochemical and spectrometric study of antioxidant activity of pomiferin, isopomiferin, osajin and catalposide. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 127-133.	1.4	28