Nikolay Ulâ€yanovskii

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9477812/publications.pdf

Version: 2024-02-01

66	853	430442	610482
papers	citations	18 h-index	24 g-index

66	66	66	585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiviral drug Umifenovir (Arbidol) in municipal wastewater during the COVID-19 pandemic: Estimated levels and transformation. Science of the Total Environment, 2022, 805, 150380.	3.9	22
2	Some aspects of additives effects on retention in supercritical fluid chromatography studied by linear free energy relationships method. Journal of Chromatography A, 2022, 1665, 462820.	1.8	9
3	Screening and semiâ€quantitative determination of pentacyclic triterpenoids in plants by liquid chromatographyâ€“tandem mass spectrometry in precursor ion scan mode. Phytochemical Analysis, 2021, 32, 252-261.	1.2	11
4	Bioprospecting of Less-Polar Constituents from Endemic Brown Macroalga Fucus virsoides J. Agardh from the Adriatic Sea and Targeted Antioxidant Effects In Vitro and In Vivo (Zebrafish Model). Marine Drugs, 2021, 19, 235.	2.2	21
5	Supercritical Carbon Dioxide Extraction of Four Medicinal Mediterranean Plants: Investigation of Chemical Composition and Antioxidant Activity. Molecules, 2021, 26, 5697.	1.7	12
6	Gas Chromatographyâ€“Mass Spectrometry Quantification of 1,1-Dimethylhydrazine Transformation Products in Aqueous Solutions: Accelerated Water Sample Preparation. Molecules, 2021, 26, 5743.	1.7	5
7	Dopant-assisted atmospheric pressure photoionization Orbitrap mass spectrometry â€“ An approach to molecular characterization of lignin oligomers. Analytica Chimica Acta, 2021, 1179, 338836.	2.6	8
8	Rapid quantification and screening of nitrogen-containing rocket fuel transformation products by vortex assisted liquid-liquid microextraction and gas chromatography â€“ high-resolution Orbitrap mass spectrometry. Microchemical Journal, 2021, 171, 106821.	2.3	6
9	Chitosan Plasma Chemical Processing in Beam-Plasma Reactors as a Way of Environmentally Friendly Phytostimulants Production. Processes, 2021, 9, 103.	1.3	6
10	New Feâ€“Cu bimetallic coordination compounds based on Ï‰-ferrocene carboxylic acids and 2-thioimidazol-4-ones: structural, mechanistic and biological studies. Inorganic Chemistry Frontiers, 2021, 8, 4730-4750.	3.0	3
11	Study of Lignin by Atmospheric Pressure Photoionization Orbitrap Mass Spectrometry: Effect of Spectral Resolution. Journal of Analytical Chemistry, 2021, 76, 1610-1617.	0.4	4
12	Supercritical Fluid Chromatographyâ€“Mass-Spectrometry of Nitrogen-Containing Compounds: Atmospheric Pressure Ionization. Journal of Analytical Chemistry, 2021, 76, 1624-1634.	0.4	2
13	Identification of novel disinfection byproducts in pool water: Chlorination of the algaecide benzalkonium chloride. Chemosphere, 2020, 239, 124801.	4.2	21
14	Evaluation of temperature and pressure effects on retention in supercritical fluid chromatography on polar stationary phases. Journal of Chromatography A, 2020, 1610, 460600.	1.8	16
15	Rapid simultaneous determination of pentacyclic triterpenoids by mixed-mode liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2020, 1609, 460458.	1.8	16
16	Transformation of resveratrol under disinfection conditions. Chemosphere, 2020, 260, 127557.	4.2	11
17	Study of the sedge (CÃ¡rex) lignin by high-resolution mass spectrometry and NMR spectroscopy. Russian Chemical Bulletin, 2020, 69, 2004-2012.	0.4	9
18	Arctic snow pollution: A GC-HRMS case study of Franz Joseph Land archipelago. Environmental Pollution, 2020, 265, 114885.	3.7	13

#	Article	IF	Citations
19	Photolytic and photocatalytic degradation of doxazosin in aqueous solution. Science of the Total Environment, 2020, 740, 140131.	3.9	14
20	Peat burning â€“ An important source of pyridines in the earth atmosphere. Environmental Pollution, 2020, 266, 115109.	3.7	25
21	Migration and transformation of 1,1-dimethylhydrazine in peat bog soil of rocket stage fall site in Russian North. Science of the Total Environment, 2020, 726, 138483.	3.9	19
22	Data on the spatial distribution of 1,1-dimethylhydrazine and its transformation products in peat bog soil of rocket stage fall site in Russian North. Data in Brief, 2020, 30, 105614.	0.5	6
23	Using a Stationary Phase Based on Porous Graphitized Carbon for the Determination of 1,1-Dimethylhydrazine Transformation Products by Liquid Chromatographyâ€“Mass Spectrometry. Journal of Analytical Chemistry, 2020, 75, 510-518.	0.4	5
24	Reduction Reactions in the Ion Source in Electron Ionization Mass Spectrometry. Journal of Analytical Chemistry, 2020, 75, 1685-1692.	0.4	0
25	Application of Carbon Matrices to Screening Pentacylic Triterpenoids in Plant Feedstock by MALDI Mass Spectrometry. Journal of Analytical Chemistry, 2020, 75, 1749-1757.	0.4	4
26	Laser Desorption/Ionization of Low-Molecular-Weight Lignin Oligomers. Journal of Analytical Chemistry, 2020, 75, 1814-1824.	0.4	5
27	Application of Atmospheric Pressure Photoionization to the Determination of 1,1-Dimethylhydrazine Transformation Products by Liquid Chromatography/Mass Spectrometry. Journal of Analytical Chemistry, 2020, 75, 1700-1707.	0.4	1
28	Simultaneous Determination of Anthraquinone and Bisphenol A in Pulp and Paper Products by High Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry. Journal of Analytical Chemistry, 2019, 74, 1089-1095.	0.4	4
29	Effects of oxidant and catalyst on the transformation products of rocket fuel 1,1-dimethylhydrazine in water and soil. Chemosphere, 2019, 228, 335-344.	4.2	37
30	Transformation of Unsymmetrical Dimethylhydrazine in Supercritical Water. Russian Journal of Physical Chemistry B, 2019, 13, 1103-1110.	0.2	7
31	Study of Nettle (Urtica diÃ³ica) Lignin by Atmospheric Pressure Photoionization Orbitrap Mass Spectrometry. Journal of Analytical Chemistry, 2019, 74, 1412-1420.	0.4	9
32	Promising Solvents for Lignin Depolymerization: Stability under Supercritical Conditions. Russian Journal of Physical Chemistry B, 2019, 13, 1147-1149.	0.2	3
33	Quadrupole Ion Trap Time-of-Flight MALDI Mass Spectrometry: Hydration of Ions of Hydroxyl-Containing Compounds. Journal of Analytical Chemistry, 2019, 74, 1390-1395.	0.4	3
34	Determination of 1,1-Dimethylhydrazine and its Transformation Products in Soil by Zwitterionic Hydrophilic Interaction Liquid Chromatography/Tandem Mass Spectrometry. Chromatographia, 2018, 81, 891-900.	0.7	14
35	Quantification of transformation products of rocket fuel unsymmetrical dimethylhydrazine in soils using SPME and GC-MS. Talanta, 2018, 184, 332-337.	2.9	26
36	Study of the Products of Oxidation of 1,1-Dimethylhydrazine by Nitrogen Dioxide in an Aqueous Solution by High-Resolution Mass Spectrometry. Journal of Analytical Chemistry, 2018, 73, 1223-1228.	0.4	4

#	Article	IF	Citations
37	Highly Sensitive Determination of Chlorophenols in Sea Water by Gas Chromatographyâ^'Tandem Mass Spectrometry. Journal of Analytical Chemistry, 2018, 73, 991-998.	0.4	7
38	Ionic liquid matrices for MALDI mass spectrometry of lignin. Analytical and Bioanalytical Chemistry, 2018, 410, 7429-7439.	1.9	20
39	Simultaneous Determination of Hydrazine, Methylhydrazine, and 1,1-Dimethylhydrazine by High-Performance Liquid Chromatography with Pre- and Post-Column Derivatization by 5-Nitro-2-Furaldehyde. Journal of Analytical Chemistry, 2018, 73, 497-503.	0.4	8
40	The Properties of the Nucleodur HILIC Stationary Phase in Supercritical Fluid Chromatography. Russian Journal of Physical Chemistry A, 2018, 92, 793-798.	0.1	2
41	Characterization of Disinfection By-Products in Arkhangelsk Tap Water by Liquid Chromatography/High-Resolution Mass Spectrometry. Journal of Analytical Chemistry, 2018, 73, 1260-1268.	0.4	19
42	Formation of low molecular weight oligomers from chitin and chitosan stimulated by plasma-assisted processes. Carbohydrate Polymers, 2017, 163, 54-61.	5.1	34
43	Characterisation of oxidation products of 1,1-dimethylhydrazine by high-resolution orbitrap mass spectrometry. Chemosphere, 2017, 174, 66-75.	4.2	33
44	Quantification of Transformation Products of Unsymmetrical Dimethylhydrazine in Water Using SPME and GC-MS. Chromatographia, 2017, 80, 931-940.	0.7	17
45	One-Step Synthesis of Picric Acid from Phenol. Organic Preparations and Procedures International, 2017, 49, 178-181.	0.6	9
46	Direct determination of hydrazine, methylhydrazine, and 1,1-dimethylhydrazine by zwitterionic hydrophilic interaction liquid chromatography with amperometric detection. International Journal of Environmental Analytical Chemistry, 2017, 97, 313-329.	1.8	23
47	Spectrophotometric determination of hydrazine, methylhydrazine, and 1,1-dimethylhydrazine with preliminary derivatization by 5-nitro-2-furaldehyde. Journal of Analytical Chemistry, 2017, 72, 171-177.	0.4	26
48	Halogenated fatty amides â€“ A brand new class of disinfection by-products. Water Research, 2017, 127, 183-190.	5.3	27
49	Subcritical extraction of birch bark pentacyclic triterpenes. Russian Chemical Bulletin, 2017, 66, 875-881.	0.4	8
50	Study of Products of the Alkaline Decomposition of Hydrolysis Lignin by Atmospheric Pressure Photoionization High-Resolution Mass Spectrometry. Journal of Analytical Chemistry, 2017, 72, 1396-1403.	0.4	16
51	Ð¡ÐžÐ'Ð•ÐÐ¨Ð•ÐÐ¡Ð¢Ð'ÐžÐ'ÐÐÐ˜Ð• ÐœÐ•Ð¢ÐžÐ”Ð˜ÐšÐ˜ ÐžÐŸÐÐ•Ð”Ð•Ð›Ð•ÐÐ˜Ð¯ Ð“Ð˜Ð”ÐÐžÐšÐ¡Ð˜Ð›ÐÐ«Ð¥ÐÐ£ÐŸÐŸ Ð›Ð		
52	Determination of natural aromatic acids using supercritical fluid chromatography. Russian Journal of Physical Chemistry B, 2016, 10, 1062-1071.	0.2	8
53	Carbon nanocoatings: A new approach to recording mass spectra of low-molecular compounds using surface-assisted laser desorption/ionization mass spectrometry. Journal of Analytical Chemistry, 2016, 71, 1221-1227.	0.4	7
54	Negative ion mode atmospheric pressure ionization methods in lignin mass spectrometry: A comparative study. Rapid Communications in Mass Spectrometry, 2016, 30, 2099-2108.	0.7	34

#	Article	IF	Citations
55	Studies of reaction products of hydrolytic lignin with nitric acid. Russian Chemical Bulletin, 2016, 65, 237-244.	0.4	9
56	Specific features of sample preparation upon chromatographic determination of 1,1-dimethylhydrazine and N-nitrosodimethylamine in peaty soils. Moscow University Chemistry Bulletin, 2015, 70, 63-68.	0.2	8
57	Determination of transformation products of 1,1-dimethylhydrazine by gas chromatographyâ€“tandem mass spectrometry. Journal of Analytical Chemistry, 2015, 70, 1553-1560.	0.4	23
58	Nitration of phenol in 1,4-dioxane. Russian Journal of Applied Chemistry, 2015, 88, 1783-1787.	0.1	1
59	Rapid determination of 1,1-dimethylhydrazine transformation products in soil by accelerated solvent extraction coupled with gas chromatographyâ€“tandem mass spectrometry. International Journal of Environmental Analytical Chemistry, 2015, 95, 1321-1337.	1.8	24
60	Supercritical fluid extraction of carotenoids from shantane carrot. Russian Journal of Physical Chemistry B, 2014, 8, 963-966.	0.2	9
61	Determination of triterpenoids from birch bark by liquid chromatography-tandem mass spectrometry. Journal of Analytical Chemistry, 2014, 69, 1264-1269.	0.4	24
62	Optimization of sample preparation conditions in the study of lignin by MALDI mass spectrometry. Journal of Analytical Chemistry, 2014, 69, 1344-1350.	0.4	25
63	Simultaneous determination of 1,1-dimethylhydrazine and products of its oxidative transformations by liquid chromatographyâ€“tandem mass spectrometry. International Journal of Environmental Analytical Chemistry, 2014, 94, 1254-1263.	1.8	39
64	A study of the photometric reaction of phenol nitrosation. Russian Journal of Applied Chemistry, 2013, 86, 836-840.	0.1	0
65	Supercritical fluid extraction of 1,1-dimethylhydrazine from peaty soils. Russian Journal of Physical Chemistry B, 2013, 7, 880-884.	0.2	5
66	Synthesis of 2,4-dinitrophenol. Russian Journal of Applied Chemistry, 2012, 85, 1577-1580.	0.1	3