

Stanislava G Dmitrienko

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

907
citations

471061

17
h-index

476904

29
g-index

41
all docs

41
docs citations

41
times ranked

1056
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in sample preparation techniques and methods of sulfonamides detection – A review. <i>Analytica Chimica Acta</i> , 2014, 850, 6-25.	2.6	192
2	Facile synthesis of magnetic hypercrosslinked polystyrene and its application in the magnetic solid-phase extraction of sulfonamides from water and milk samples before their HPLC determination. <i>Talanta</i> , 2016, 152, 203-210.	2.9	102
3	Determination of the total content of some sulfonamides in milk using solid-phase extraction coupled with off-line derivatization and spectrophotometric detection. <i>Food Chemistry</i> , 2015, 188, 51-56.	4.2	58
4	Determination of cysteamine using label-free gold nanoparticles. <i>Analytical Methods</i> , 2012, 4, 3193.	1.3	35
5	Polyurethane foams in chemical analysis: sorption of various substances and its analytical applications. <i>Russian Chemical Reviews</i> , 2002, 71, 159-174.	2.5	33
6	Unusual application of common digital devices: Potentialities of Eye-One Pro mini-spectrophotometer – A monitor calibrator for registration of surface plasmon resonance bands of silver and gold nanoparticles in solid matrices. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1109-1115.	4.0	31
7	Sorption preconcentration of microcomponents for chemical analysis. <i>Russian Chemical Reviews</i> , 2005, 74, 37-60.	2.5	30
8	Determination of nitrofurans metabolites in honey using a new derivatization reagent, magnetic solid-phase extraction and LC-MS/MS. <i>Talanta</i> , 2021, 230, 122310.	2.9	30
9	Label-free gold nanoparticles for the determination of neomycin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 115, 416-420.	2.0	29
10	Towards highly selective detection using metal nanoparticles: A case of silver triangular nanoplates and chlorine. <i>Talanta</i> , 2018, 176, 406-411.	2.9	29
11	Label-free gold nanoparticle-based sensing of cysteine: New peculiarities and prospects. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 953-961.	4.0	24
12	Selective determination of chloride ions using silver triangular nanoplates and dynamic gas extraction. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 699-705.	4.0	23
13	Methylxanthines: properties and determination in various objects. <i>Russian Chemical Reviews</i> , 2012, 81, 397-414.	2.5	22
14	Towards the development of solid-state platform optical sensors: aggregation of gold nanoparticles on polyurethane foam. <i>Talanta</i> , 2016, 161, 780-788.	2.9	21
15	Simple and rapid method for screening of pyrophosphate using 6,6-ionene-stabilized gold and silver nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 390-397.	4.0	20
16	Utilization of Polyurethane Foams in Sorption-Photometric Analysis. <i>Mendeleev Communications</i> , 1991, 1, 75-77.	0.6	17
17	Adsorption of catecholamines from their aqueous solutions on hypercrosslinked polystyrene. <i>Reactive and Functional Polymers</i> , 2018, 131, 56-63.	2.0	17
18	Determination of iodide based on dynamic gas extraction and colorimetric detection by paper modified with silver triangular nanoplates. <i>Microchemical Journal</i> , 2019, 145, 729-736.	2.3	17

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19	Dynamic gas extraction of iodine in combination with a silver triangular nanoplate-modified paper strip for colorimetric determination of iodine and of iodine-interacting compounds. <i>Mikrochimica Acta</i> , 2019, 186, 188.	2.5	15
20	Spectroscopic methods for determination of catecholamines: A mini-review. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 631-652.	3.4	12
21	A dynamic gas extraction-assisted paper-based method for colorimetric determination of bromides. <i>Analytical Methods</i> , 2020, 12, 587-594.	1.3	12
22	Composable paper-based analytical devices for determination of flavonoids. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129398.	4.0	12
23	Chemical reactions of terminal groups in polyurethane foams. <i>Mendeleev Communications</i> , 2000, 10, 244-245.	0.6	11
24	A colorimetric probe based on desensitized ionene-stabilized gold nanoparticles for single-step test for sulfate ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 335-341.	2.0	11
25	Silver triangular nanoplates as a colorimetric probe for sensing thiols: Characterization in the interaction with structurally related thiols of different functionality. <i>Microchemical Journal</i> , 2019, 147, 979-984.	2.3	11
26	An improved step-by-step airflow/paper-based colorimetric method for highly selective determination of halides in complex matrices. <i>Talanta</i> , 2020, 219, 121254.	2.9	10
27	Preconcentration of flavonoids on polyurethane foam and their direct determination by diffuse reflectance spectroscopy. <i>Talanta</i> , 2012, 102, 132-136.	2.9	9
28	Fast and Sensitive Determination of Bioflavonoids Using a New Analytical System Based on Label-Free Silver Triangular Nanoplates. <i>Sensors</i> , 2022, 22, 843.	2.1	9
29	Label-free silver triangular nanoplates for spectrophotometric determination of catecholamines and their metabolites. <i>Mikrochimica Acta</i> , 2020, 187, 610.	2.5	8
30	Assessment of condensation of aromatic aldehydes with polyurethane foam for their determination in waters by diffuse reflectance spectroscopy and colorimetry. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 775-783.	1.8	7
31	A new nanocomposite optical sensor based on polyurethane foam and gold nanorods for solid-phase spectroscopic determination of catecholamines. <i>Gold Bulletin</i> , 2019, 52, 115-124.	1.1	7
32	Recognition of hydroxybenzoic acids and their esters by molecularly imprinted polymers. <i>Mendeleev Communications</i> , 2008, 18, 315-317.	0.6	6
33	Evaluation of the hydrophobicity of polyurethane foams. <i>Mendeleev Communications</i> , 1999, 9, 32-33.	0.6	5
34	6,6-ionene-stabilized gold nanoparticles: synthesis, characterization and prospects of use. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2015, 6, 025002.	0.7	4
35	A Comparative Study on the Oxidation of Label-Free Silver Triangular Nanoplates by Peroxides: Main Effects and Sensing Applications. <i>Sensors</i> , 2020, 20, 4832.	2.1	4
36	Borohydride-modified polyurethane foam: a new form of a widely known reducing agent in synthesis of metal nanoparticles for sensing applications. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1023-1033.	1.6	4

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37	A Three-Reagent "Green" Paper-Based Analytical Device for Solid-Phase Spectrometric and Colorimetric Determination of Dihydroquercetin. <i>Sensors</i> , 2022, 22, 2893.	2.1	4
38	A Monitor Calibrator as a Portable Tool for Determination of Luminescent Compounds. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-10.	2.4	2
39	Application of gold nanoparticles in the methods of optical molecular absorption spectroscopy: main effecting factors. <i>Pure and Applied Chemistry</i> , 2020, 92, 1135-1145.	0.9	1
40	Sorption of sodium dodecylsulfate and cetyltrimethylammonium bromide on polyurethane foams. <i>Mendeleev Communications</i> , 1996, 6, 137-139.	0.6	0