

Stanislava G Dmitrienko

List of Publications by Year in Descending Order

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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.

39
papers

668
citations

15
h-index

25
g-index

41
ext. papers

782
ext. citations

4.8
avg, IF

4.02
L-index

#	Paper	IF	Citations
39	Composable paper-based analytical devices for determination of flavonoids. <i>Sensors and Actuators B: Chemical</i> , 2021 , 331, 129398	8.5	2
38	Determination of nitrofuran metabolites in honey using a new derivatization reagent, magnetic solid-phase extraction and LC-MS/MS. <i>Talanta</i> , 2021 , 230, 122310	6.2	4
37	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-10	5.2	0
36	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	6.2	5
35	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	3.3	4
34	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	2.1	
33	A dynamic gas extraction-assisted paper-based method for colorimetric determination of bromides. <i>Analytical Methods</i> , 2020 , 12, 587-594	3.2	5
32	Label-free silver triangular nanoplates for spectrophotometric determination of catecholamines and their metabolites. <i>Mikrochimica Acta</i> , 2020 , 187, 610	5.8	2
31	A Comparative Study on the Oxidation of Label-Free Silver Triangular Nanoplates by Peroxides: Main Effects and Sensing Applications. <i>Sensors</i> , 2020 , 20,	3.8	1
30	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	4.8	4
29	Spectroscopic methods for determination of catecholamines: A mini-review. <i>Applied Spectroscopy Reviews</i> , 2019 , 54, 631-652	4.5	7
28	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	5.8	8
27	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	1.6	5
26	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	4.8	11
25	Label-free gold nanoparticle-based sensing of cysteine: New peculiarities and prospects. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 953-961	8.5	22
24	Selective determination of chloride ions using silver triangular nanoplates and dynamic gas extraction. <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 699-705	8.5	17
23	Adsorption of catecholamines from their aqueous solutions on hypercrosslinked polystyrene. <i>Reactive and Functional Polymers</i> , 2018 , 131, 56-63	4.6	9

22	Nanoanalytics 2018 ,		6
21	Towards highly selective detection using metal nanoparticles: A case of silver triangular nanoplates and chlorine. <i>Talanta</i> , 2018 , 176, 406-411	6.2	22
20	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	8.5	20
19	Towards the development of solid-state platform optical sensors: aggregation of gold nanoparticles on polyurethane foam. <i>Talanta</i> , 2016 , 161, 780-788	6.2	18
18	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, 203-10	6.2	87
17	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, 51-6	8.5	48
16	6,6-ionene-stabilized gold nanoparticles: synthesis, characterization and prospects of use. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2015 , 6, 025002	1.6	2
15	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, 335-41	4.4	11
14	Recent advances in sample preparation techniques and methods of sulfonamides detection - A review. <i>Analytica Chimica Acta</i> , 2014 , 850, 6-25	6.6	153
13	Unusual application of common digital devices: Potentialities of Eye-One Pro mini-spectrophotometer as 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	8.5	25
12	Label-free gold nanoparticles for the determination of neomycin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 115, 416-20	4.4	24
11	Preconcentration of flavonoids on polyurethane foam and their direct determination by diffuse reflectance spectroscopy. <i>Talanta</i> , 2012 , 102, 132-6	6.2	7
10	Determination of cysteamine using label-free gold nanoparticles. <i>Analytical Methods</i> , 2012 , 4, 3193	3.2	30
9	Methylxanthines: properties and determination in various objects. <i>Russian Chemical Reviews</i> , 2012 , 81, 397-414	6.8	17
8	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	6
7	Recognition of hydroxybenzoic acids and their esters by molecularly imprinted polymers. <i>Mendeleev Communications</i> , 2008 , 18, 315-317	1.9	6
6	Sorption preconcentration of microcomponents for chemical analysis. <i>Russian Chemical Reviews</i> , 2005 , 74, 37-60	6.8	24
5	Polyurethane foams in chemical analysis: sorption of various substances and its analytical applications. <i>Russian Chemical Reviews</i> , 2002 , 71, 159-174	6.8	25

4	Chemical reactions of terminal groups in polyurethane foams. <i>Mendeleev Communications</i> , 2000 , 10, 244-245	1.9	9
3	Evaluation of the hydrophobicity of polyurethane foams. <i>Mendeleev Communications</i> , 1999 , 9, 32-33	1.9	5
2	Sorption of sodium dodecylsulfate and cetyltrimethylammonium bromide on polyurethane foams. <i>Mendeleev Communications</i> , 1996 , 6, 137-139	1.9	
1	Utilization of Polyurethane Foams in Sorption Photometric Analysis. <i>Mendeleev Communications</i> , 1991 , 1, 75-77	1.9	16