Stanislava G Dmitrienko

List of Publications by Citations

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	Recent advances in sample preparation techniques and methods of sulfonamides detection - A review. *Analytica Chimica Acta*, **2014**, 850, 6-25	6.6	153
38	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. *Talanta*, **2016**, 152, 203-10	6.2	87
37	Determination of the total content of some sulfonamides in milk using solid-phase extraction coupled with off-line derivatization and spectrophotometric detection. *Food Chemistry*, **2015**, 188, 51-6	8.5	48
36	Determination of cysteamine using label-free gold nanoparticles. *Analytical Methods*, **2012**, 4, 3193	3.2	30
35	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. *Sensors and Actuators B: Chemical*, **2013**,	8.5	25
34	Polyurethane foams in chemical analysis: sorption of various substances and its analytical applications. *Russian Chemical Reviews*, **2002**, 71, 159-174	6.8	25
33	Label-free gold nanoparticles for the determination of neomycin. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 115, 416-20	4.4	24
32	Sorption preconcentration of microcomponents for chemical analysis. *Russian Chemical Reviews*, **2005**, 74, 37-60	6.8	24
31	Label-free gold nanoparticle-based sensing of cysteine: New peculiarities and prospects. *Sensors and Actuators B: Chemical*, **2018**, 260, 953-961	8.5	22
30	Towards highly selective detection using metal nanoparticles: A case of silver triangular nanoplates and chlorine. *Talanta*, **2018**, 176, 406-411	6.2	22
29	Simple and rapid method for screening of pyrophosphate using 6,6-ionene-stabilized gold and silver nanoparticles. *Sensors and Actuators B: Chemical*, **2017**, 241, 390-397	8.5	20
28	Towards the development of solid-state platform optical sensors: aggregation of gold nanoparticles on polyurethane foam. *Talanta*, **2016**, 161, 780-788	6.2	18
27	Selective determination of chloride ions using silver triangular nanoplates and dynamic gas extraction. *Sensors and Actuators B: Chemical*, **2018**, 256, 699-705	8.5	17
26	Methylxanthines: properties and determination in various objects. *Russian Chemical Reviews*, **2012**, 81, 397-414	6.8	17
25	Utilization of Polyurethane Foams in Sorption Photometric Analysis. *Mendeleev Communications*, **1991**, 1, 75-77	1.9	16
24	A colorimetric probe based on desensitized ionene-stabilized gold nanoparticles for single-step test for sulfate ions. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 139, 335-41	4.4	11
23	Determination of iodide based on dynamic gas extraction and colorimetric detection by paper modified with silver triangular nanoplates. *Microchemical Journal*, **2019**, 145, 729-736	4.8	11

22	Adsorption of catecholamines from their aqueous solutions on hypercrosslinked polystyrene. *Reactive and Functional Polymers*, **2018**, 131, 56-63	4.6	9
21	Chemical reactions of terminal groups in polyurethane foams. *Mendeleev Communications*, **2000**, 10, 244-245	1.9	9
20	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. *Mikrochimica Acta*, **2019**, 186, 188	5.8	8
19	Spectroscopic methods for determination of catecholamines: A mini-review. *Applied Spectroscopy Reviews*, **2019**, 54, 631-652	4.5	7
18	Preconcentration of flavonoids on polyurethane foam and their direct determination by diffuse reflectance spectroscopy. *Talanta*, **2012**, 102, 132-6	6.2	7
17	Assessment of condensation of aromatic aldehydes with polyurethane foam for their determination in waters by diffuse reflectance spectroscopy and colorimetry. *International Journal of Environmental Analytical Chemistry*, **2009**, 89, 775-783	1.8	6
16	Recognition of hydroxybenzoic acids and their esters by molecularly imprinted polymers. *Mendeleev Communications*, **2008**, 18, 315-317	1.9	6
15	Nanoanalytics **2018**,		6
14	An improved step-by-step airflow/paper-based colorimetric method for highly selective determination of halides in complex matrices. *Talanta*, **2020**, 219, 121254	6.2	5
13	Evaluation of the hydrophobicity of polyurethane foams. *Mendeleev Communications*, **1999**, 9, 32-33	1.9	5
12	A dynamic gas extraction-assisted paper-based method for colorimetric determination of bromides. *Analytical Methods*, **2020**, 12, 587-594	3.2	5
11	A new nanocomposite optical sensor based on polyurethane foam and gold nanorods for solid-phase spectroscopic determination of catecholamines. *Gold Bulletin*, **2019**, 52, 115-124	1.6	5
10	Silver triangular nanoplates as a colorimetric probe for sensing thiols: Characterization in the interaction with structurally related thiols of different functionality. *Microchemical Journal*, **2019**, 147, 979-984	4.8	4
9	Borohydride-modified polyurethane foam: a new form of a widely known reducing agent in synthesis of metal nanoparticles for sensing applications. *Applied Nanoscience (Switzerland)*, **2020**, 10, 1023-1033	3.3	4
8	Determination of nitrofuran metabolites in honey using a new derivatization reagent, magnetic solid-phase extraction and LC-MS/MS. *Talanta*, **2021**, 230, 122310	6.2	4
7	6,6-ionene-stabilized gold nanoparticles: synthesis, characterization and prospects of use. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, **2015**, 6, 025002	1.6	2
6	Label-free silver triangular nanoplates for spectrophotometric determination of catecholamines and their metabolites. *Mikrochimica Acta*, **2020**, 187, 610	5.8	2
5	Composable paper-based analytical devices for determination of flavonoids. *Sensors and Actuators B: Chemical*, **2021**, 331, 129398	8.5	2

4	A Comparative Study on the Oxidation of Label-Free Silver Triangular Nanoplates by Peroxides: Main Effects and Sensing Applications. *Sensors*, **2020**, 20,	3.8	1
3	. *IEEE Transactions on Instrumentation and Measurement*, **2021**, 70, 1-10	5.2	0
2	Application of gold nanoparticles in the methods of optical molecular absorption spectroscopy: main effecting factors. *Pure and Applied Chemistry*, **2020**, 92, 1135-1145	2.1	
1	Sorption of sodium dodecylsulfate and cetyltrimethylammonium bromide on polyurethane foams. *Mendeleev Communications*, **1996**, 6, 137-139	1.9	