Aleksei Furletov

List of Publications by Citations

22 papers	371 citations	8 h-index	19 g-index
24 ext. papers	460 ext. citations	3.8 avg, IF	3.58 L-index

#	Paper	IF	Citations
22	Recent advances in sample preparation techniques and methods of sulfonamides detection - A review. *Analytica Chimica Acta*, **2014**, 850, 6-25	6.6	153
21	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
20	Towards highly selective detection using metal nanoparticles: A case of silver triangular nanoplates and chlorine. *Talanta*, **2018**, 176, 406-411	6.2	22
19	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
18	Triangular silver nanoplates as a spectrophotometric reagent for the determination of mercury(II). *Journal of Analytical Chemistry*, **2017**, 72, 1203-1207	1.1	14
17	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
16	Gold and Silver Nanoparticles in Optical Molecular Absorption Spectroscopy. *Journal of Analytical Chemistry*, **2019**, 74, 21-32	1.1	10
15	Adsorption of catecholamines from their aqueous solutions on hypercrosslinked polystyrene. *Reactive and Functional Polymers*, **2018**, 131, 56-63	4.6	9
14	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
13	Preparation of reagent indicator papers with silver triangular nanoplates for chemical analysis. *Moscow University Chemistry Bulletin*, **2017**, 72, 167-173	0.5	7
12	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
11	Sorption of Triangular Silver Nanoplates on Polyurethane Foam. *Russian Journal of Physical Chemistry A*, **2018**, 92, 357-360	0.7	5
10	A dynamic gas extraction-assisted paper-based method for colorimetric determination of bromides. *Analytical Methods*, **2020**, 12, 587-594	3.2	5
9	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
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	Label-free silver triangular nanoplates for spectrophotometric determination of catecholamines and their metabolites. *Mikrochimica Acta*, **2020**, 187, 610	5.8	2
6	Composable paper-based analytical devices for determination of flavonoids. *Sensors and Actuators B: Chemical*, **2021**, 331, 129398	8.5	2

5	NEW NANOCOMPOSITE MATERIAL BASED ON POLYURETHANE FOAM MODIFIED WITH SILVER TRIANGULAR NANOPLATES AS A SOLID-PHASE ANALYTICAL REAGENT FOR DETERMINATION OF MERCURY(II). *Nanotechnologies in Russia*, **2019**, 14, 91-97	0.6	2
4	Spectrophotometric determination of epinephrine using new analytical systems based on label-free silver triangular nanoplates. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012021	0.4	1
3	Kinetics of the Interaction between Thio-Compounds and Triangular Silver Nanoplates in an Aqueous Solution. *Russian Journal of Physical Chemistry A*, **2020**, 94, 1092-1097	0.7	1
2	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
1	Plasmon enhancement of fluorescence of phthalocyanines metallocomplexes in solutions of silver nanoparticles. *EPJ Web of Conferences*, **2019**, 220, 03003	0.3	0