

# Aleksei Furletov

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

557  
citations

759055

12  
h-index

610775

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

659  
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 nitrofuran 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
4	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
5	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
6	Triangular silver nanoplates as a spectrophotometric reagent for the determination of mercury(II). <i>Journal of Analytical Chemistry</i> , 2017, 72, 1203-1207.	0.4	20
7	Adsorption of catecholamines from their aqueous solutions on hypercrosslinked polystyrene. <i>Reactive and Functional Polymers</i> , 2018, 131, 56-63.	2.0	17
8	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
9	Gold and Silver Nanoparticles in Optical Molecular Absorption Spectroscopy. <i>Journal of Analytical Chemistry</i> , 2019, 74, 21-32.	0.4	15
10	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
11	Preparation of reagent indicator papers with silver triangular nanoplates for chemical analysis. <i>Moscow University Chemistry Bulletin</i> , 2017, 72, 167-173.	0.2	12
12	A dynamic gas extraction-assisted paper-based method for colorimetric determination of bromides. <i>Analytical Methods</i> , 2020, 12, 587-594.	1.3	12
13	Composable paper-based analytical devices for determination of flavonoids. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129398.	4.0	12
14	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
15	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
16	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
17	Label-free silver triangular nanoplates for spectrophotometric determination of catecholamines and their metabolites. <i>Mikrochimica Acta</i> , 2020, 187, 610.	2.5	8
18	Sorption of Triangular Silver Nanoplates on Polyurethane Foam. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 357-360.	0.1	6

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	NEW NANOCOMPOSITE MATERIAL BASED ON POLYURETHANE FOAM MODIFIED WITH SILVER TRIANGULAR NANOPLATES AS A SOLID-PHASE ANALYTICAL REAGENT FOR DETERMINATION OF MERCURY(II). <i>Nanotechnologies in Russia</i> , 2019, 14, 91-97.	0.7	3
22	Spectrophotometric determination of epinephrine using new analytical systems based on label-free silver triangular nanoplates. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 848, 012021.	0.3	3
23	Plasmon enhancement of fluorescence of phthalocyanines metallocomplexes in solutions of silver nanoparticles. <i>EPJ Web of Conferences</i> , 2019, 220, 03003.	0.1	2
24	Kinetics of the Interaction between Thio-Compounds and Triangular Silver Nanoplates in an Aqueous Solution. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 1092-1097.	0.1	1