

Aleksei Furletov

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.

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	Composable paper-based analytical devices for determination of flavonoids. <i>Sensors and Actuators B: Chemical</i> , 2021 , 331, 129398	8.5	2
21	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	6.2	4
20	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	0.4	1
19	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
18	A dynamic gas extraction-assisted paper-based method for colorimetric determination of bromides. <i>Analytical Methods</i> , 2020 , 12, 587-594	3.2	5
17	Label-free silver triangular nanoplates for spectrophotometric determination of catecholamines and their metabolites. <i>Mikrochimica Acta</i> , 2020 , 187, 610	5.8	2
16	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	0.7	1
15	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
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	4.8	4
13	Gold and Silver Nanoparticles in Optical Molecular Absorption Spectroscopy. <i>Journal of Analytical Chemistry</i> , 2019 , 74, 21-32	1.1	10
12	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
11	Plasmon enhancement of fluorescence of phthalocyanines metallocomplexes in solutions of silver nanoparticles. <i>EPJ Web of Conferences</i> , 2019 , 220, 03003	0.3	0
10	NEW NANOCOMPOSITE MATERIAL BASED ON POLYURETHANE FOAM MODIFIED WITH SILVER TRIANGULAR NANOPATES AS A SOLID-PHASE ANALYTICAL REAGENT FOR DETERMINATION OF MERCURY(II). <i>Nanotechnologies in Russia</i> , 2019 , 14, 91-97	0.6	2
9	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
8	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
7	Adsorption of catecholamines from their aqueous solutions on hypercrosslinked polystyrene. <i>Reactive and Functional Polymers</i> , 2018 , 131, 56-63	4.6	9
6	Sorption of Triangular Silver Nanoplates on Polyurethane Foam. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 357-360	0.7	5

5	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
4	Triangular silver nanoplates as a spectrophotometric reagent for the determination of mercury(II). <i>Journal of Analytical Chemistry</i> , 2017 , 72, 1203-1207	1.1	14
3	Preparation of reagent indicator papers with silver triangular nanoplates for chemical analysis. <i>Moscow University Chemistry Bulletin</i> , 2017 , 72, 167-173	0.5	7
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, 203-10	6.2	87
1	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