

Andrey Bulatov

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2646466/andrey-bulatov-publications-by-year.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

1,571
citations

24
h-index

37
g-index

67
ext. papers

1,983
ext. citations

5.9
avg, IF

5.52
L-index

#	Paper	IF	Citations
67	Hydrolysis of triglycerides in milk to provide fatty acids as precursors in the formation of deep eutectic solvent for extraction of polycyclic aromatic hydrocarbons. <i>Talanta</i> , 2022 , 237, 122968	6.2	2
66	Deep eutectic solvents based on carboxylic acids for metals separation from plant samples: Elemental analysis by ICP-OES. <i>Food Chemistry</i> , 2022 , 366, 130634	8.5	5
65	Deep Eutectic Solvents or Eutectic Mixtures? Characterization of Tetrabutylammonium Bromide and Nonanoic Acid Mixtures. <i>Journal of Physical Chemistry B</i> , 2022 , 126, 3889-3896	3.4	0
64	A surfactant-mediated microextraction of synthetic dyes from solid-phase food samples into the primary amine-based supramolecular solvent.. <i>Food Chemistry</i> , 2021 , 380, 131812	8.5	2
63	Reversed-phase dispersive liquid-liquid microextraction based on decomposition of deep eutectic solvent for the determination of lead and cadmium in vegetable oil. <i>Food Chemistry</i> , 2021 , 373, 131456	8.5	6
62	Behavior of quaternary ammonium salts and terpenoids-based deep eutectic solvents in aqueous phase. <i>Journal of Molecular Liquids</i> , 2021 , 347, 117987	6	5
61	Stir flat sheet membrane liquid phase microextraction for the selective chemiluminescence determination of ofloxacin and fleroxacin in human urine. <i>Microchemical Journal</i> , 2021 , 163, 105913	4.8	5
60	p-Dimethylaminobenzaldehyde-based chemosensor for on-site sensing of ammonia precursor in concrete. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 253, 119556	4.4	1
59	A rotating disk sorptive extraction based on hydrophilic deep eutectic solvent formation. <i>Analytica Chimica Acta</i> , 2021 , 1141, 163-172	6.6	6
58	In-a-syringe surfactant-assisted dispersive liquid-liquid microextraction of polycyclic aromatic hydrocarbons in supramolecular solvent from tea infusion. <i>Talanta</i> , 2021 , 224, 121888	6.2	8
57	Flow-based methods and their applications in chemical analysis. <i>ChemTexts</i> , 2021 , 7, 1	2.2	0
56	Microstructured optical fibers sensor modified by deep eutectic solvent: Liquid-phase microextraction and detection in one analytical device. <i>Talanta</i> , 2021 , 232, 122305	6.2	2
55	Chemical and computational strategy for design of "switchable" sorbent based on hydroxyapatite nanoparticles for dispersive micro-solid phase extraction of tetracyclines. <i>Journal of Hazardous Materials</i> , 2021 , 419, 126504	12.8	3
54	Automated liquid-liquid microextraction and determination of sulfonamides in urine samples based on Schiff bases formation in natural deep eutectic solvent media. <i>Talanta</i> , 2021 , 234, 122660	6.2	10
53	A derivatization and microextraction procedure with organic phase solidification on a paper template: Spectrofluorometric determination of formaldehyde in milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 263, 120160	4.4	1
52	Deep eutectic solvent decomposition-based microextraction for chromium determination in aqueous environments by atomic absorption spectrometry with electrothermal atomization. <i>Analyst, The</i> , 2021 , 146, 5081-5088	5	4
51	A synergistic effect of hydrophobic deep eutectic solvents based on terpenoids and carboxylic acids for tetracycline microextraction. <i>Analyst, The</i> , 2021 , 146, 3449-3453	5	4

50	Deep eutectic solvents are not only effective extractants. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 129, 115956	14.6	75
49	Microextraction of sulfonamides from chicken meat samples in three-component deep eutectic solvent. <i>Microchemical Journal</i> , 2020 , 158, 105274	4.8	11
48	Effect of surfactant coating of FeO nanoparticles on magnetic dispersive micro-solid phase extraction of tetracyclines from human serum. <i>Talanta</i> , 2020 , 214, 120861	6.2	16
47	Deep eutectic mixture membrane-based microextraction: HPLC-FLD determination of phenols in smoked food samples. <i>Food Chemistry</i> , 2020 , 314, 126097	8.5	25
46	Magnetic headspace adsorptive microextraction using Fe ₃ O ₄ @Cr(OH) ₃ nanoparticles for effective determination of volatile phenols. <i>New Journal of Chemistry</i> , 2020 , 44, 8778-8783	3.6	
45	An effervescence-assisted dispersive liquid-liquid microextraction based on deep eutectic solvent decomposition: Determination of ketoprofen and diclofenac in liver. <i>Microchemical Journal</i> , 2020 , 156, 104837	4.8	28
44	Cobalt-doped hydroxyapatite nanoparticles as a new eco-friendly catalyst of luminol-HO based chemiluminescence reaction: Study of key factors, improvement the activity and analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 237, 118382	4.4	8
43	Decomposition of deep eutectic solvents based on choline chloride and phenol in aqueous phase. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112380	6	21
42	An automated in-syringe switchable hydrophilicity solvent-based microextraction. <i>Talanta</i> , 2020 , 209, 120587	6.2	18
41	Stir membrane liquid phase microextraction of tetracyclines using switchable hydrophilicity solvents followed by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2020 , 1615, 460743	4.5	10
40	Department of Analytical Chemistry of Saint Petersburg State University Celebrates One Hundred and Fifty Years Anniversary: International Year of the Periodic Table of Chemical Elements. <i>Talanta</i> , 2020 , 206, 119759	6.2	1
39	In-syringe dispersive liquid-liquid microextraction using deep eutectic solvent as disperser: Determination of chromium (VI) in beverages. <i>Talanta</i> , 2020 , 206, 120209	6.2	49
38	Supramolecular solvents formation in aqueous solutions containing primary amine and monoterpenoid compound: Liquid phase microextraction of sulfonamides. <i>Talanta</i> , 2020 , 216, 120992	6.2	13
37	Reversed-phase chromatomembrane extraction as a novel approach for automated sample pretreatment: Anions determination in biodiesel by ion chromatography with conductivity detection. <i>Analytica Chimica Acta</i> , 2019 , 1087, 62-68	6.6	3
36	Homogeneous liquid-liquid microextraction based on primary amine phase separation: A novel approach for sample pretreatment. <i>Analytica Chimica Acta</i> , 2019 , 1074, 117-122	6.6	7
35	In situ decomposition of deep eutectic solvent as a novel approach in liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , 2019 , 1065, 49-55	6.6	47
34	A chemiluminescence method for screening of fluoroquinolones in milk samples based on a multi-pumping flow system. <i>Food Chemistry</i> , 2019 , 270, 10-16	8.5	25
33	A rotating cotton-based disk packed with a cation-exchange resin: Separation of ofloxacin from biological fluids followed by chemiluminescence determination. <i>Talanta</i> , 2019 , 196, 117-123	6.2	12

32	A simple and highly-available microextraction of benzoic and sorbic acids in beverages and soy sauce samples for high performance liquid chromatography with ultraviolet detection. <i>Journal of Chromatography A</i> , 2019 , 1588, 1-7	4.5	15
31	An automated homogeneous liquid-liquid microextraction based on deep eutectic solvent for the HPLC-UV determination of caffeine in beverages. <i>Microchemical Journal</i> , 2019 , 144, 469-473	4.8	53
30	Tin oxide nanoparticles modified by copper as novel catalysts for the luminol-HO based chemiluminescence system. <i>Analyst, The</i> , 2018 , 144, 148-151	5	10
29	FeO-based composite magnetic nanoparticles for volatile compound sorption in the gas phase: determination of selenium(iv). <i>Analyst, The</i> , 2018 , 144, 152-156	5	7
28	An automated salting-out assisted liquid-liquid microextraction approach using 1-octylamine: On-line separation of tetracycline in urine samples followed by HPLC-UV determination. <i>Talanta</i> , 2018 , 184, 122-127	6.2	36
27	An automated continuous homogeneous microextraction for the determination of selenium and arsenic by hydride generation atomic fluorescence spectrometry. <i>Talanta</i> , 2018 , 181, 359-365	6.2	24
26	A paper-based analytical device for the determination of hydrogen sulfide in fuel oils based on headspace liquid-phase microextraction and cyclic voltammetry. <i>Talanta</i> , 2018 , 183, 290-296	6.2	19
25	An automated magnetic dispersive micro-solid phase extraction in a fluidized reactor for the determination of fluoroquinolones in baby food samples. <i>Analytica Chimica Acta</i> , 2018 , 1001, 59-69	6.6	47
24	Deep eutectic solvents as a new kind of dispersive solvent for dispersive liquid-liquid microextraction.. <i>RSC Advances</i> , 2018 , 8, 38146-38149	3.7	28
23	Surfactant-mediated microextraction approach using switchable hydrophilicity solvent: HPLC-UV determination of Sudan dyes in solid food samples. <i>Journal of Molecular Liquids</i> , 2018 , 271, 807-814	6	28
22	On-line in-syringe sugaring-out liquid-liquid extraction coupled with HPLC-MS/MS for the determination of pesticides in fruit and berry juices. <i>Talanta</i> , 2017 , 167, 761-767	6.2	54
21	Automated sugaring-out liquid-liquid extraction based on flow system coupled with HPLC-UV for the determination of procainamide in urine. <i>Talanta</i> , 2017 , 167, 709-713	6.2	18
20	An automatic chemiluminescence method based on the multi-pumping flow system coupled with the fluidized reactor and direct-injection detector: Determination of uric acid in saliva samples. <i>Talanta</i> , 2017 , 167, 725-732	6.2	28
19	Switchable hydrophilicity solvent membrane-based microextraction: HPLC-FLD determination of fluoroquinolones in shrimps. <i>Analytica Chimica Acta</i> , 2017 , 976, 35-44	6.6	31
18	Sub-1min separation in sequential injection chromatography for determination of synthetic water-soluble dyes in pharmaceutical formulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 143, 123-129	3.5	11
17	Automated alkaline-induced salting-out homogeneous liquid-liquid extraction coupled with in-line organic-phase detection by an optical probe for the determination of diclofenac. <i>Talanta</i> , 2017 , 169, 156-162	6.2	26
16	Flow method based on liquid-liquid extraction using deep eutectic solvent for the spectrofluorimetric determination of procainamide in human saliva. <i>Talanta</i> , 2017 , 168, 307-312	6.2	35
15	A dispersive liquid-liquid microextraction using a switchable polarity dispersive solvent. Automated HPLC-FLD determination of ofloxacin in chicken meat. <i>Analytica Chimica Acta</i> , 2017 , 949, 35-42	6.6	48

14	Application of deep eutectic solvents in analytical chemistry. A review. <i>Microchemical Journal</i> , 2017 , 135, 33-38	4.8	311
13	A novel flow injection chemiluminescence method for automated and miniaturized determination of phenols in smoked food samples. <i>Food Chemistry</i> , 2017 , 237, 929-935	8.5	9
12	An evaporation-assisted dispersive liquid-liquid microextraction technique as a simple tool for high performance liquid chromatography tandem-mass spectrometry determination of insecticides in wine. <i>Journal of Chromatography A</i> , 2017 , 1512, 107-114	4.5	17
11	Effervescence assisted dispersive liquid-liquid microextraction followed by microvolume UV-Vis spectrophotometric determination of surfactants in water. <i>Toxicological and Environmental Chemistry</i> , 2017 , 99, 613-623	1.4	6
10	Flow Analysis: A Novel Approach For Classification. <i>Critical Reviews in Analytical Chemistry</i> , 2016 , 46, 374-388	5.8	25
9	Vapor permeation-stepwise injection simultaneous determination of methanol and ethanol in biodiesel with voltammetric detection. <i>Talanta</i> , 2016 , 148, 666-72	6.2	21
8	Determination of curcumin in biologically active supplements and food spices using a mesofluidic platform with fluorescence detection. <i>Talanta</i> , 2016 , 159, 300-306	6.2	9
7	Flow method based on cloud point extraction for fluorometric determination of epinephrine in human urine. <i>Analytica Chimica Acta</i> , 2016 , 911, 69-74	6.6	23
6	A fully automated effervescence assisted dispersive liquid-liquid microextraction based on a stepwise injection system. Determination of antipyrine in saliva samples. <i>Analytica Chimica Acta</i> , 2016 , 902, 129-134	6.6	31
5	Interfacial reaction using particle-immobilized reagents in a fluidized reactor. Determination of glycerol in biodiesel. <i>Analytica Chimica Acta</i> , 2016 , 914, 75-80	6.6	13
4	A fully automated effervescence-assisted switchable solvent-based liquid phase microextraction procedure: Liquid chromatographic determination of ofloxacin in human urine samples. <i>Analytica Chimica Acta</i> , 2016 , 907, 54-9	6.6	79
3	Simultaneous determination of iron (II) and ascorbic acid in pharmaceuticals based on flow sandwich technique. <i>Journal of Pharmaceutical and Toxicological Methods</i> , 2015 , 73, 56-62	1.7	8
2	Automated procedure for determination of ammonia in concrete with headspace single-drop micro-extraction by stepwise injection spectrophotometric analysis. <i>Talanta</i> , 2015 , 133, 34-7	6.2	36
1	Determination of antipyrine in saliva using the dispersive liquid-liquid microextraction based on a stepwise injection system. <i>Talanta</i> , 2015 , 133, 66-70	6.2	32