

# Andrey Bulatov

## List of Publications by Citations

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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.

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	Application of deep eutectic solvents in analytical chemistry. A review. <i>Microchemical Journal</i> , <b>2017</b> , 135, 33-38	4.8	311
66	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> , <b>2016</b> , 907, 54-9	6.6	79
65	Deep eutectic solvents are not only effective extractants. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 129, 115956	14.6	75
64	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> , <b>2017</b> , 167, 761-767	6.2	54
63	An automated homogeneous liquid-liquid microextraction based on deep eutectic solvent for the HPLC-UV determination of caffeine in beverages. <i>Microchemical Journal</i> , <b>2019</b> , 144, 469-473	4.8	53
62	In-syringe dispersive liquid-liquid microextraction using deep eutectic solvent as disperser: Determination of chromium (VI) in beverages. <i>Talanta</i> , <b>2020</b> , 206, 120209	6.2	49
61	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> , <b>2017</b> , 949, 35-42	6.6	48
60	In situ decomposition of deep eutectic solvent as a novel approach in liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1065, 49-55	6.6	47
59	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> , <b>2018</b> , 1001, 59-69	6.6	47
58	Automated procedure for determination of ammonia in concrete with headspace single-drop micro-extraction by stepwise injection spectrophotometric analysis. <i>Talanta</i> , <b>2015</b> , 133, 34-7	6.2	36
57	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> , <b>2018</b> , 184, 122-127	6.2	36
56	Flow method based on liquid-liquid extraction using deep eutectic solvent for the spectrofluorimetric determination of procainamide in human saliva. <i>Talanta</i> , <b>2017</b> , 168, 307-312	6.2	35
55	Determination of antipyrine in saliva using the dispersive liquid-liquid microextraction based on a stepwise injection system. <i>Talanta</i> , <b>2015</b> , 133, 66-70	6.2	32
54	Switchable hydrophilicity solvent membrane-based microextraction: HPLC-FLD determination of fluoroquinolones in shrimps. <i>Analytica Chimica Acta</i> , <b>2017</b> , 976, 35-44	6.6	31
53	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> , <b>2016</b> , 902, 129-134	6.6	31
52	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> , <b>2017</b> , 167, 725-732	6.2	28
51	An effervescence-assisted dispersive liquid-liquid microextraction based on deep eutectic solvent decomposition: Determination of ketoprofen and diclofenac in liver. <i>Microchemical Journal</i> , <b>2020</b> , 156, 104837	4.8	28

50	Deep eutectic solvents as a new kind of dispersive solvent for dispersive liquid-liquid microextraction.. <i>RSC Advances</i> , <b>2018</b> , 8, 38146-38149	3.7	28
49	Surfactant-mediated microextraction approach using switchable hydrophilicity solvent: HPLC-UV determination of Sudan dyes in solid food samples. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 271, 807-814	6	28
48	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> , <b>2017</b> , 169, 156-162	6.2	26
47	Flow Analysis: A Novel Approach For Classification. <i>Critical Reviews in Analytical Chemistry</i> , <b>2016</b> , 46, 374-388	5.8	25
46	Deep eutectic mixture membrane-based microextraction: HPLC-FLD determination of phenols in smoked food samples. <i>Food Chemistry</i> , <b>2020</b> , 314, 126097	8.5	25
45	A chemiluminescence method for screening of fluoroquinolones in milk samples based on a multi-pumping flow system. <i>Food Chemistry</i> , <b>2019</b> , 270, 10-16	8.5	25
44	An automated continuous homogeneous microextraction for the determination of selenium and arsenic by hydride generation atomic fluorescence spectrometry. <i>Talanta</i> , <b>2018</b> , 181, 359-365	6.2	24
43	Flow method based on cloud point extraction for fluorometric determination of epinephrine in human urine. <i>Analytica Chimica Acta</i> , <b>2016</b> , 911, 69-74	6.6	23
42	Vapor permeation-stepwise injection simultaneous determination of methanol and ethanol in biodiesel with voltammetric detection. <i>Talanta</i> , <b>2016</b> , 148, 666-72	6.2	21
41	Decomposition of deep eutectic solvents based on choline chloride and phenol in aqueous phase. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 301, 112380	6	21
40	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> , <b>2018</b> , 183, 290-296	6.2	19
39	Automated sugaring-out liquid-liquid extraction based on flow system coupled with HPLC-UV for the determination of procainamide in urine. <i>Talanta</i> , <b>2017</b> , 167, 709-713	6.2	18
38	An automated in-syringe switchable hydrophilicity solvent-based microextraction. <i>Talanta</i> , <b>2020</b> , 209, 120587	6.2	18
37	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> , <b>2017</b> , 1512, 107-114	4.5	17
36	Effect of surfactant coating of FeO nanoparticles on magnetic dispersive micro-solid phase extraction of tetracyclines from human serum. <i>Talanta</i> , <b>2020</b> , 214, 120861	6.2	16
35	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> , <b>2019</b> , 1588, 1-7	4.5	15
34	Interfacial reaction using particle-immobilized reagents in a fluidized reactor. Determination of glycerol in biodiesel. <i>Analytica Chimica Acta</i> , <b>2016</b> , 914, 75-80	6.6	13
33	Supramolecular solvents formation in aqueous solutions containing primary amine and monoterpenoid compound: Liquid phase microextraction of sulfonamides. <i>Talanta</i> , <b>2020</b> , 216, 120992	6.2	13

32	A rotating cotton-based disk packed with a cation-exchange resin: Separation of ofloxacin from biological fluids followed by chemiluminescence determination. <i>Talanta</i> , <b>2019</b> , 196, 117-123	6.2	12
31	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> , <b>2017</b> , 143, 123-129	3.5	11
30	Microextraction of sulfonamides from chicken meat samples in three-component deep eutectic solvent. <i>Microchemical Journal</i> , <b>2020</b> , 158, 105274	4.8	11
29	Tin oxide nanoparticles modified by copper as novel catalysts for the luminol-HO based chemiluminescence system. <i>Analyst, The</i> , <b>2018</b> , 144, 148-151	5	10
28	Stir membrane liquid phase microextraction of tetracyclines using switchable hydrophilicity solvents followed by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2020</b> , 1615, 460743	4.5	10
27	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> , <b>2021</b> , 234, 122660	6.2	10
26	Determination of curcumin in biologically active supplements and food spices using a mesofluidic platform with fluorescence detection. <i>Talanta</i> , <b>2016</b> , 159, 300-306	6.2	9
25	A novel flow injection chemiluminescence method for automated and miniaturized determination of phenols in smoked food samples. <i>Food Chemistry</i> , <b>2017</b> , 237, 929-935	8.5	9
24	Simultaneous determination of iron (II) and ascorbic acid in pharmaceuticals based on flow sandwich technique. <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2015</b> , 73, 56-62	1.7	8
23	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> , <b>2020</b> , 237, 118382	4.4	8
22	In-a-syringe surfactant-assisted dispersive liquid-liquid microextraction of polycyclic aromatic hydrocarbons in supramolecular solvent from tea infusion. <i>Talanta</i> , <b>2021</b> , 224, 121888	6.2	8
21	FeO-based composite magnetic nanoparticles for volatile compound sorption in the gas phase: determination of selenium(IV). <i>Analyst, The</i> , <b>2018</b> , 144, 152-156	5	7
20	Homogeneous liquid-liquid microextraction based on primary amine phase separation: A novel approach for sample pretreatment. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1074, 117-122	6.6	7
19	Effervescence assisted dispersive liquid-liquid microextraction followed by microvolume UV-Vis spectrophotometric determination of surfactants in water. <i>Toxicological and Environmental Chemistry</i> , <b>2017</b> , 99, 613-623	1.4	6
18	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> , <b>2021</b> , 373, 131456	8.5	6
17	A rotating disk sorptive extraction based on hydrophilic deep eutectic solvent formation. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1141, 163-172	6.6	6
16	Behavior of quaternary ammonium salts and terpenoids-based deep eutectic solvents in aqueous phase. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 347, 117987	6	5
15	Stir flat sheet membrane liquid phase microextraction for the selective chemiluminescence determination of ofloxacin and fleroxacin in human urine. <i>Microchemical Journal</i> , <b>2021</b> , 163, 105913	4.8	5

14	Deep eutectic solvents based on carboxylic acids for metals separation from plant samples: Elemental analysis by ICP-OES. <i>Food Chemistry</i> , <b>2022</b> , 366, 130634	8.5	5
13	Deep eutectic solvent decomposition-based microextraction for chromium determination in aqueous environments by atomic absorption spectrometry with electrothermal atomization. <i>Analyst, The</i> , <b>2021</b> , 146, 5081-5088	5	4
12	A synergistic effect of hydrophobic deep eutectic solvents based on terpenoids and carboxylic acids for tetracycline microextraction. <i>Analyst, The</i> , <b>2021</b> , 146, 3449-3453	5	4
11	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> , <b>2019</b> , 1087, 62-68	6.6	3
10	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> , <b>2021</b> , 419, 126504	12.8	3
9	A surfactant-mediated microextraction of synthetic dyes from solid-phase food samples into the primary amine-based supramolecular solvent.. <i>Food Chemistry</i> , <b>2021</b> , 380, 131812	8.5	2
8	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> , <b>2022</b> , 237, 122968	6.2	2
7	Microstructured optical fibers sensor modified by deep eutectic solvent: Liquid-phase microextraction and detection in one analytical device. <i>Talanta</i> , <b>2021</b> , 232, 122305	6.2	2
6	p-Dimethylaminobenzaldehyde-based chemosensor for on-site sensing of ammonia precursor in concrete. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 253, 119556	4.4	1
5	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> , <b>2020</b> , 206, 119759	6.2	1
4	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> , <b>2021</b> , 263, 120160	4.4	1
3	Flow-based methods and their applications in chemical analysis. <i>ChemTexts</i> , <b>2021</b> , 7, 1	2.2	0
2	Deep Eutectic Solvents or Eutectic Mixtures? Characterization of Tetrabutylammonium Bromide and Nonanoic Acid Mixtures. <i>Journal of Physical Chemistry B</i> , <b>2022</b> , 126, 3889-3896	3.4	0
1	Magnetic headspace adsorptive microextraction using Fe <sub>3</sub> O <sub>4</sub> @Cr(OH) <sub>3</sub> nanoparticles for effective determination of volatile phenols. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 8778-8783	3.6	