Andrey Yu Shishov

List of Publications by Year
in descending order

47	1,709	304368	288905
papers	citations	22 h-index	40 g-index

47	47	47	1311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of deep eutectic solvents in analytical chemistry. A review. Microchemical Journal, 2017, 135, 33-38.	2.3	442
2	Deep eutectic solvents are not only effective extractants. TrAC - Trends in Analytical Chemistry, 2020, 129, 115956.	5.8	144
3	On-line in-syringe sugaring-out liquid-liquid extraction coupled with HPLC-MS/MS for the determination of pesticides in fruit and berry juices. Talanta, 2017, 167, 761-767.	2.9	79
4	In-syringe dispersive liquid-liquid microextraction using deep eutectic solvent as disperser: Determination of chromium (VI) in beverages. Talanta, 2020, 206, 120209.	2.9	77
5	An automated homogeneous liquid-liquid microextraction based on deep eutectic solvent for the HPLC-UV determination of caffeine in beverages. Microchemical Journal, 2019, 144, 469-473.	2.3	72
6	In situ decomposition of deep eutectic solvent as a novel approach in liquid-liquid microextraction. Analytica Chimica Acta, 2019, 1065, 49-55.	2.6	69
7	An effervescence tablet-assisted switchable solvent-based microextraction: On-site preconcentration of steroid hormones in water samples followed by HPLC-UV determination. Journal of Molecular Liquids, 2017, 247, 246-253.	2.3	52
8	An effervescence-assisted dispersive liquidâ€“liquid microextraction based on deep eutectic solvent decomposition: Determination of ketoprofen and diclofenac in liver. Microchemical Journal, 2020, 156, 104837.	2.3	50
9	Deep eutectic solvents as a new kind of dispersive solvent for dispersive liquidâ€“liquid microextraction. RSC Advances, 2018, 8, 38146-38149.	1.7	42
10	Deep eutectic mixture membrane-based microextraction: HPLC-FLD determination of phenols in smoked food samples. Food Chemistry, 2020, 314, 126097.	4.2	39
11	Flow method based on liquid-liquid extraction using deep eutectic solvent for the spectrofluorimetric determination of procainamide in human saliva. Talanta, 2017, 168, 307-312.	2.9	38
12	HPLC-MS/MS determination of non-steroidal anti-inflammatory drugs in bovine milk based on simultaneous deep eutectic solvents formation and its solidification. Microchemical Journal, 2019, 150, 104080.	2.3	38
13	Decomposition of deep eutectic solvents based on choline chloride and phenol in aqueous phase. Journal of Molecular Liquids, 2020, 301, 112380.	2.3	38
14	Deep eutectic solvents based on carboxylic acids for metals separation from plant samples: Elemental analysis by ICP-OES. Food Chemistry, 2022, 366, 130634.	4.2	33
15	Vapor permeation-stepwise injection simultaneous determination of methanol and ethanol in biodiesel with voltammetric detection. Talanta, 2016, 148, 666-672.	2.9	31
16	An automated continuous homogeneous microextraction for the determination of selenium and arsenic by hydride generation atomic fluorescence spectrometry. Talanta, 2018, 181, 359-365.	2.9	31
17	Microextraction of sulfonamides from milk samples based on hydrophobic deep eutectic solvent formation by pH adjusting. Journal of Molecular Liquids, 2021, 339, 116827.	2.3	31
18	Reversed-phase dispersive liquid-liquid microextraction based on decomposition of deep eutectic solvent for the determination of lead and cadmium in vegetable oil. Food Chemistry, 2022, 373, 131456.	4.2	31

#	Article	IF	Citations
19	Automated liquid-liquid microextraction and determination of sulfonamides in urine samples based on Schiff bases formation in natural deep eutectic solvent media. Talanta, 2021, 234, 122660.	2.9	30
20	Deep eutectic solvent-based extraction of metals from oil samples for elemental analysis by ICP-OES. Microchemical Journal, 2022, 179, 107456.	2.3	27
21	Microextraction of sulfonamides from chicken meat samples in three-component deep eutectic solvent. Microchemical Journal, 2020, 158, 105274.	2.3	25
22	A paper-based analytical device for the determination of hydrogen sulfide in fuel oils based on headspace liquid-phase microextraction and cyclic voltammetry. Talanta, 2018, 183, 290-296.	2.9	24
23	Behavior of quaternary ammonium salts and terpenoids-based deep eutectic solvents in aqueous phase. Journal of Molecular Liquids, 2022, 347, 117987.	2.3	23
24	Deep Eutectic Solvents or Eutectic Mixtures? Characterization of Tetrabutylammonium Bromide and Nonanoic Acid Mixtures. Journal of Physical Chemistry B, 2022, 126, 3889-3896.	1.2	22
25	A synergistic effect of hydrophobic deep eutectic solvents based on terpenoids and carboxylic acids for tetracycline microextraction. Analyst, The, 2021, 146, 3449-3453.	1.7	20
26	Determination of silicon, phosphorus, iron and aluminum in biodiesel by multicommutated stepwise injection analysis with Ñlassical least squares method. Fuel, 2014, 135, 198-204.	3.4	19
27	Interfacial reaction using particle-immobilized reagents in a fluidized reactor. Determination of glycerol in biodiesel. Analytica Chimica Acta, 2016, 914, 75-80.	2.6	17
28	Fully automated spectrophotometric procedure for simultaneous determination of calcium and magnesium in biodiesel. Talanta, 2015, 135, 133-137.	2.9	16
29	Automated IR determination of petroleum products in water based on sequential injection analysis. Talanta, 2016, 148, 661-665.	2.9	16
30	A rotating disk sorptive extraction based on hydrophilic deep eutectic solvent formation. Analytica Chimica Acta, 2021, 1141, 163-172.	2.6	15
31	Hydrolysis of triglycerides in milk to provide fatty acids as precursors in the formation of deep eutectic solvent for extraction of polycyclic aromatic hydrocarbons. Talanta, 2022, 237, 122968.	2.9	14
32	A reversed-phase air-assisted dispersive liquid-liquid microextraction coupled with colorimetric paper-based analytical device for the determination of glycerol, calcium and magnesium in biodiesel samples. Microchemical Journal, 2019, 150, 104134.	2.3	13
33	Deep eutectic solvent decomposition-based microextraction for chromium determination in aqueous environments by atomic absorption spectrometry with electrothermal atomization. Analyst, The, 2021, 146, 5081-5088.	1.7	12
34	High rate laser deposition of conductive copper microstructures from deep eutectic solvents. Chemical Communications, 2019, 55, 9626-9628.	2.2	11
35	Fluoroquinolones extraction from meat samples based on deep eutectic solvent formation. Journal of Food Composition and Analysis, 2020, 93, 103589.	1.9	11
36	Microstructured optical fibers sensor modified by deep eutectic solvent: Liquid-phase microextraction and detection in one analytical device. Talanta, 2021, 232, 122305.	2.9	9

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37	A new hydrophobic deep eutectic solvent based on thymol and 4-(dimethylamino)benzaldehyde: Derivatization and microextraction of urea. Journal of Molecular Liquids, 2022, 353, 118820.	2.3	9
38	Automated solid sample dissolution coupled with sugaring-out homogenous liquid-liquid extraction. Application for the analysis of throat lozenge samples. Journal of Molecular Liquids, 2017, 233, 149-155.	2.3	8
39	Laser-induced deposition of copper from deep eutectic solvents: optimization of chemical and physical parameters. New Journal of Chemistry, 2021, 45, 21896-21904.	1.4	7
40	Simultaneous cyclic-injection spectrophotometric determination of aluminum and iron in petroleum products. Journal of Analytical Chemistry, 2014, 69, 1159-1164.	0.4	6
41	Flow-based methods and their applications in chemical analysis. ChemTexts, 2021, 7, 1.	1.0	6
42	Direct Laser Writing of Copper Micropatterns from Deep Eutectic Solvents Using Pulsed near-IR Radiation. Nanomaterials, 2022, 12, 1127.	1.9	5
43	Reversed-phase chromatomembrane extraction as a novel approach for automated sample pretreatment: Anions determination in biodiesel by ion chromatography with conductivity detection. Analytica Chimica Acta, 2019, 1087, 62-68.	2.6	3
44	Fast flow-based method for automated and miniaturized determination of ferrocene in gasoline. Microchemical Journal, 2017, 130, 185-190.	2.3	2
45	Fast and energy-effective deep eutectic solvent-based microextraction approach for the ICP-OES determination of catalysts in biodiesel. Chemical Thermodynamics and Thermal Analysis, 2022, 7, 100071.	0.7	2
46	Stepwise injection photometric determination of phosphorus in light oil products. Journal of Analytical Chemistry, 2011, 66, 946-950.	0.4	0
47	Cyclic injection photometric determination of silicon in oil products. Journal of Analytical Chemistry, 2013, 68, 148-151.	0.4	0