Merve Firat

List of Publications by Year
in descending order

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25 papers	240 citations	1306789 7 h-index	996533 15 g-index
25 all docs	25 docs citations	25 times ranked	253 citing authors

#	Article	IF	Citations
1	Validation of ultrasonic-assisted switchable solvent liquid phase microextraction for trace determination of hormones and organochlorine pesticides by GCâ€“MS and combination with QuEChERS. Food Chemistry, 2020, 305, 125487.	4.2	47
2	Accurate and sensitive determination of selected hormones, endocrine disruptors, and pesticides by gas chromatographyâ€“mass spectrometry after the multivariate optimization of switchable solvent liquidâ€phase microextraction. Journal of Separation Science, 2018, 41, 2895-2902.	1.3	27
3	Vortex-assisted switchable liquid-liquid microextraction for the preconcentration of cadmium in environmental samples prior to its determination with flame atomic absorption spectrometry. Environmental Monitoring and Assessment, 2018, 190, 393.	1.3	26
4	Determination of Cadmium in Tap, Sea and Waste Water Samples by Vortex-Assisted Dispersive Liquid-Liquid-Solidified Floating Organic Drop Microextraction and Slotted Quartz Tube FAAS After Complexation with a Imidazole Based Ligand. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	17
5	An accurate and sensitive analytical strategy for the determination of palladium in aqueous samples: slotted quartz tube flame atomic absorption spectrometry with switchable liquidâ€“liquid microextraction after preconcentration using a Schiff base ligand. Environmental Monitoring and Assessment, 2019, 191, 129.	1.3	17
6	Arsenic speciation in water and biota samples at trace levels by ion chromatography inductively coupled plasma-mass spectrometry. International Journal of Environmental Analytical Chemistry, 2017, 97, 684-693.	1.8	12
7	Development of a sensitive and accurate method for the simultaneous determination of selected insecticides and herbicide in tap water and wastewater samples using vortex-assisted switchable solvent-based liquid-phase microextraction prior to determination by gas chromatography-mass spectrometry. Environmental Monitoring and Assessment, 2020, 192, 275.	1.3	12
8	Determination of copper in traditional coffee pot water samples by flame atomic absorption spectrometry and matrix matching calibration strategy after switchable solvent based liquid-phase microextraction. Environmental Monitoring and Assessment, 2021, 193, 5.	1.3	8
9	Development of an Accurate and Sensitive Analytical Method for the Determination of Cadmium at Trace Levels Using Dispersive Liquidâ€“Liquid Microextraction Based on the Solidification of Floating Organic Drops Combined with Slotted Quartz Tube Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2018, 101, 843-847.	0.7	7
10	Accurate and Sensitive Analytical Strategy for the Determination of Antimony: Hydrogen Assisted T-Shaped Slotted Quartz Tube-Atom Trap-Flame Atomic Absorption Spectrometry. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 122-127.	1.3	7
11	Development and Validation of a Sensitive Method for Trace Nickel Determination by Slotted Quartz Tube Flame Atomic Absorption Spectrometry After Dispersive Liquidâ€“Liquid Microextraction. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 715-719.	1.3	6
12	Accurate and simple determination of oxcarbazepine in human plasma and urine samples using switchableâ€hydrophilicity solvent in GCâ€“MS. Biomedical Chromatography, 2020, 34, e4915.	0.8	6
13	Determination of Trace Amounts of Gold in Electroplating Rinsing Bath by Slotted Quartz Tube Flame Atomic Absorption Spectrometry with Matrix Matching Calibration Strategy after Preconcentration with Vortex Assisted Dispersive Liquidâ€“Liquid Microextraction. Analytical Letters, 2020, 53, 2191-2201.	1.0	6
14	Combination of vortex assisted binary solvent microextraction and QuEChERS for the determination of prothiofos, oxadiargyl, and gamma-cyhalothrin in water and pineapple samples by gas chromatography mass spectrometry. Environmental Monitoring and Assessment, 2020, 192, 273.	1.3	6
15	Accurate Quantification of Nervous System Drugs in Aqueous Samples at Trace Levels by Binary Solvent Dispersive Liquidâ€“Liquid Microextractionâ€Gas Chromatography Mass Spectrometry. Environmental Toxicology and Chemistry, 2021, 40, 1570-1575.	2.2	6
16	Trace level determination of eleven nervous systemâ€“active pharmaceutical ingredients by switchable solvent-based liquid-phase microextraction and gas chromatographyâ€“mass spectrometry with matrix matching calibration strategy. Environmental Monitoring and Assessment, 2022, 194, 58.	1.3	6
17	Combination of Slotted Quartz Tube Flame Atomic Absorption Spectrometry and Dispersive Liquidâ€“Liquid Microextraction for the Trace Determination of Silver in Electroplating Rinse Bath. Analytical Letters, 2021, 54, 761-771.	1.0	5
18	Analytical protocol for determination of endosulfan beta, propham, chlorpyrifos, and acibenzolar-s-methyl in lake water and wastewater samples by gas chromatographyâ€“mass spectrometry after dispersive liquidâ€“liquid microextraction. Environmental Monitoring and Assessment, 2020, 192, 253.	1.3	4

#	Article	IF	Citations
19	Dispersive Liquid-Liquid Microextraction Based Preconcentration of Selected Pesticides and Escitalopram Oxalate, Haloperidol, and Olanzapine from Wastewater Samples Prior to Determination by GC-MS. Journal of AOAC INTERNATIONAL, 2021, 104, 91-97.	0.7	4
20	Multivariate Optimization of Binary Solvent Microextraction for the Simultaneous Determination of Endocrine Disruptive Phenolic Compounds and Organochlorine Pesticides in Wastewater and Sludge Samples by GC-MS. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	3
21	Surface modified iron magnetic nanoparticles assisted Fenton digestion and extraction method for cadmium determination. Analytical Biochemistry, 2021, 629, 114309.	1.1	3
22	Accurate determination of pesticides, hormones and endocrine disruptor compounds in complex environmental samples using matrix dilution and matrix matching with dispersive liquidâ€“liquid microextraction. Pure and Applied Chemistry, 2018, 90, 1703-1711.	0.9	2
23	Removal of selected pesticides, alkylphenols, hormones and bisphenol A from domestic wastewater by electrooxidation process. Water Science and Technology, 2022, 85, 220-228.	1.2	2
24	Development and validation of dispersive liquidâ€“liquid microextraction method for the determination of 15 polycyclic aromatic hydrocarbons in 200 Antarctica samples by gas chromatography mass spectrometry. Environmental Monitoring and Assessment, 2022, 194, 328.	1.3	1
25	Dispersive liquid-liquid microextraction based preconcentration of selected pesticides and escitalopram oxalate, haloperidol and olanzapine from wastewater samples prior to determination by GC-MS. Journal of AOAC INTERNATIONAL, 2020, , .	0.7	0