Sezgin BakÄ±rdere

List of Publications by Year
in descending order

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262	3,401	201674	302126
papers	citations	27 h-index	39 g-index

262	262	262	2730
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic Nanoparticles Based Solid Phase Extraction Methods for the Determination of Trace Elements. Critical Reviews in Analytical Chemistry, 2022, 52, 231-249.	3.5	46
2	Zirconium nanoparticles based solid phase extraction-slotted quartz tube-flame atomic absorption spectrophotometry for the determination of cadmium in wastewater samples and evaluation of green profile. International Journal of Environmental Analytical Chemistry, 2022, 102, 935-944.	3.3	10
3	Nanoparticles Based Extraction Strategies for Accurate and Sensitive Determination of Different Pesticides. Critical Reviews in Analytical Chemistry, 2022, 52, 1370-1385.	3.5	5
4	Atrazine: From Detection to Remediation â€“ A Minireview. Analytical Letters, 2022, 55, 411-426.	1.8	3
5	Zirconium Nanoparticles Based Vortex Assisted Ligandless Dispersive Solid Phase Extraction for Trace Determination of Lead in Domestic Wastewater using Flame Atomic Absorption Spectrophotometry. Bulletin of Environmental Contamination and Toxicology, 2022, 108, 324-330.	2.7	7
6	Determination of Four Priority Polycyclic Aromatic Hydrocarbons in Food Samples by Gas Chromatography â€“ Mass Spectrometry (GC-MS) after Vortex Assisted Dispersive Liquid-Liquid Microextraction (DLLME). Analytical Letters, 2022, 55, 237-245.	1.8	2
7	Determination of Trace Nickel after Complexation with a Schiff Base by Switchable Solvent â€“ Liquid Phase Microextraction (SS-LPME) and Flame Atomic Absorption Spectrometry (FAAS). Analytical Letters, 2022, 55, 1017-1026.	1.8	4
8	One step derivatization and dispersive liquid-liquid microextraction of hydroxychloroquine sulfate for its sensitive and accurate determination using GCâ€“MS. Journal of Pharmacological and Toxicological Methods, 2022, 113, 107130.	0.7	5
9	Bioaccessibility and bioavailability of selenium species in Se-enriched leeks (Allium Porrum) cultivated by hydroponically. Food Chemistry, 2022, 372, 131314.	8.2	14
10	Determination of Silver in Metal Plating Wastewater by Slotted Quartz Tube Flame Atomic Absorption Spectrometry (SQT-FAAS) after Preconcentration with Stearic Acid-Coated Magnetite Nanoparticle-Based Solid-Phase Microextraction (SA-MNP-SPME). Analytical Letters, 2022, 55, 1104-1118.	1.8	4
11	Development of a double-monitoring method for the determination of total antioxidant capacity as ascorbic acid equivalent using CUPRAC assay with RP-HPLC and digital image-based colorimetric detection. European Food Research and Technology, 2022, 248, 707-713.	3.3	7
12	Dispersive solid phase extraction based on reduced graphene oxide modified Fe3O4 nanocomposite for trace determination of parabens in rock, soil, moss, seaweed, feces, and water samples from Horseshoe and Faure Islands. Journal of Hazardous Materials, 2022, 426, 127819.	12.4	13
13	Trace Determination of Rhodium in Coating Wastewater by Vortex Assisted Magnetic Nanoparticle Based Solid Phase Microextraction (MNP-SPME) Combined with Slotted Quartz Tubeâ€“Flame Atomic Absorption Spectrometry (SQT-FAAS) with Matrix Matching Calibration. Analytical Letters, 2022, 55, 1672-1684.	1.8	3
14	Determination of levetiracetam by GC-MS and effects of storage conditions and gastric digestive systems on drug samples. Bioanalysis, 2022, , .	1.5	0
15	Development of a metal sieve-linked double syringe liquid phase microextraction method for the determination of copper in olive leaf extract samples by flame atomic absorption spectrometry. Food Chemistry, 2022, 377, 132057.	8.2	7
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.	2.7	6
17	Accurate determination of amino acids by quadruple isotope dilution-reverse phase liquid Chromatography-Tandem mass spectrometry after derivatization with 2-Naphthoyl chloride. Journal of Chromatography A, 2022, 1667, 462870.	3.7	4
18	Determination of gold at trace levels in gold plating wastewater samples by vortex-assisted amidosulfonic acid-coated magnetic nanoparticle-based solid-phase microextraction method prior to slotted quartz tube flame atomic absorption spectrometric measurements. Chemical Papers, 2022, 76, 3437-3445.	2.2	4

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19	Performance Evaluation of A/O Membrane Bioreactor System in the Effective Removal of Endocrine-Disrupting Chemicals: the Effect of SRT and Flux Rate. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	3
20	Polystyrene-coated magnetic nanoparticles based dispersive solid phase extraction for the determination of cadmium in cigarette ash prior to slotted quartz tube flame atomic absorption spectrometry system. Analytical Sciences, 2022, 38, 843-849.	1.6	8
21	Polystyreneâ€Coated Magnetite Nanoparticles Based Dispersive Microâ€Solid Phase Extraction of Active Pharmaceutical Ingredients of Antidepressant Drugs and Determination by GCâ€MS. ChemistrySelect, 2022, 7, .	1.5	5
22	A simple and efficient derivatization strategy combined with switchable solvent liquidâ€“liquid microextraction hydroxychloroquine methyl acetateâ€d₃â€based quadruple isotope dilution gas chromatography mass spectrometry for the determination of hydroxychloroquine sulfate in biological fluids. Rapid Communications in Mass Spectrometry, 2022, 36, e9282.	1.5	2
23	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.	2.7	1
24	Removal of selected pesticides, alkylphenols, hormones and bisphenol A from domestic wastewater by electrooxidation process. Water Science and Technology, 2022, 85, 220-228.	2.5	2
25	A Binary Solvent Dispersive Liquidâ€“Liquid Microextraction Method for the Determination of Four Endocrine Disruptor Compounds by Gas Chromatography with Flame Ionization Detector. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	0
26	Performance evaluation of ceramic membrane bioreactor: effect of operational parameters on micropollutant removal and membrane fouling. Environmental Science and Pollution Research, 2022, 29, 68306-68319.	5.3	3
27	Magnetic Nanoparticle-Based Dispersive Solid-Phase Microextraction of Three UV Blockers Prior to Their Determination by HPLC-DAD. International Journal of Environmental Research and Public Health, 2022, 19, 6037.	2.6	3
28	Combination of high performance liquid chromatography and flame atomic absorption spectrophotometry using a novel nebulizer interface supported T shaped slotted quartz tube for the determination of Vitamin B12. Journal of Pharmaceutical and Biomedical Analysis, 2022, 217, 114855.	2.8	4
29	Determination of trace cadmium in seawater using combination of polystyrene coated magnetic nanoparticles based DSPE and triethylamine assisted Mg(OH)2 method. Microchemical Journal, 2022, 179, 107662.	4.5	4
30	Accurate and Sensitive Determination of Concentrations of Twenty-Two Elements in the Surface Water from West Antarctica. Water, Air, and Soil Pollution, 2022, 233, .	2.4	2
31	Development of copper nanoflowers based dispersive solid-phase extraction method for cadmium determination in shalgam juice samples using slotted quartz tube atomic absorption spectrometry. Food Chemistry, 2022, 396, 133669.	8.2	13
32	Sodium, Magnesium, Calcium, Manganese, Iron, Copper, and Zinc in Serums of Beta Thalassemia Major Patients. Biological Trace Element Research, 2021, 199, 888-894.	3.5	7
33	Determination of Pyridaphenthion in Aqueous and Food Samples by Reverse Phase High Performance Liquid Chromatography (HPLC) after QuEChERS Extraction and Degradation Studies under Ultraviolet (UV) Radiation. Analytical Letters, 2021, 54, 637-645.	1.8	0
34	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.	1.8	5
35	Determination of Manganese in Coffee and Wastewater Using Deep Eutectic Solvent Based Extraction and Flame Atomic Absorption Spectrometry. Analytical Letters, 2021, 54, 979-989.	1.8	14
36	Ultrasonic assisted glass bead loaded gas liquid separator-photochemical vapor generation-T-shaped slotted quartz tube-flame atomic absorption spectrophotometry system for antimony determination in tap water and wastewater samples. Chemical Papers, 2021, 75, 1377-1386.	2.2	5

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37	Combination of an Efficient Photochemical Vapor Generation System and Flame Atomic Absorption Spectrophotometry for Trace Nickel Determination in Wastewater Samples. Analytical Letters, 2021, 54, 1457-1469.	1.8	4
38	A miniaturized sprayâ€assisted fineâ€dropletâ€formationâ€based liquidâ€phase microextraction method for the simultaneous determination of fenpiclonil, nitrofen and fenoxapropâ€ethyl as pesticides in soil samples. Rapid Communications in Mass Spectrometry, 2021, 35, e8943.	1.5	3
39	Determination of pyridaphenthion in soybean sprout samples by gas chromatography mass spectrometry with matrix matching calibration strategy after metal sieve linked double syringe based liquid-phase microextraction. Food Chemistry, 2021, 342, 128294.	8.2	6
40	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.	2.7	8
41	Photochemical Vapor Generation Based Accurate Determination of Cadmium in Wastewater Using Novel Photoreactor and Gas-Liquid Separators Using Flame Atomic Absorption Spectrometry with Matrix Matching Calibration. Analytical Letters, 2021, 54, 2315-2326.	1.8	5
42	Removal of Heavy Metals by a Membrane Bioreactor Combined with Activated Carbon. Analytical Letters, 2021, 54, 1616-1626.	1.8	3
43	Influence of Hydraulic Retention Time (HRT) upon the Treatment of Wastewater by a Laboratory-Scale Membrane Bioreactor (MBR). Analytical Letters, 2021, 54, 1578-1587.	1.8	8
44	Simple and Green Vortex-Assisted Switchable Solvent Liquid Phase Microextraction for the Determination of Indium in Soil with Matrix Matching and Slotted Quartz Tube (SQT) â€“ Flame Atomic Absorption Spectrometry (FAAS). Analytical Letters, 2021, 54, 1627-1638.	1.8	2
45	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.	1.5	4
46	A novel hydrogen fluoride assisted â€“ glass surface etching based liquid phase microextraction for the determination of 4-n-nonylphenol in water by gas chromatography-mass spectrometry with matrix matching strategy. Analytical Sciences, 2021, 37, 1433-1438.	1.6	0
47	An accurate and sensitive effervescence-assisted liquid phase microextraction method for the determination of cobalt after a Schiff base complexation by slotted quartz tube-flame atomic absorption spectrophotometry in urine samples. Analytical Methods, 2021, 13, 703-711.	2.7	5
48	Accurate and sensitive determination of cobalt in urine samples using deep eutectic solvent-assisted magnetic colloidal gel-based dispersive solid phase extraction prior to slotted quartz tube equipped flame atomic absorption spectrometry. Chemical Papers, 2021, 75, 2937-2944.	2.2	11
49	Implementation of a spraying-assisted fine droplet formation-based simultaneous liquid-phase microextraction method for the determination of copper in clove extract samples. Chemical Papers, 2021, 75, 2929-2935.	2.2	4
50	A Simple and Efficient Extraction Method for the Preconcentration of Copper in Tap Water and Linden Tea Samples Prior to FAAS Measurement. ChemistrySelect, 2021, 6, 2906-2912.	1.5	3
51	Cloud point extractionâ€slotted quartz tube with fourâ€exit holesâ€flame atomic absorption spectrometry combination for the determination of cobalt at trace levels in fennel tea samples after complexation with a Schiff base ligand. Journal of Food Measurement and Characterization, 2021, 15, 2943-2950.	3.2	3
52	A rapid, sensitive and accurate determination of cobalamin with double monitoring system: HPLC-UV and HPLC-ICP-OES. Food Chemistry, 2021, 340, 127945.	8.2	7
53	An accurate analytical method for the determination of antimony in tea and tap water samples: photochemical vapor generation-atom trapping prior to FAAS measurement. Chemical Papers, 2021, 75, 3309-3316.	2.2	6
54	Determination of seventeen free amino acids in human urine and plasma samples using quadruple isotope dilution mass spectrometry combined with hydrophilic interaction liquid chromatography â€“ Tandem mass spectrometry. Journal of Chromatography A, 2021, 1641, 461970.	3.7	9

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55	Development of an easy and rapid analytical method for the extraction and preconcentration of chloroquine phosphate from human biofluids prior to GCâ€“MS analysis. Journal of Pharmacological and Toxicological Methods, 2021, 108, 106949.	0.7	9
56	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.	4.3	6
57	Preconcentration of tellurium using magnetic hydrogel-assisted dispersive solid-phase extraction and its determination by slotted quartz tube-flame atomic absorption spectrophotometry. Chemical Papers, 2021, 75, 4261-4267.	2.2	7
58	Accurate and sensitive analytical method for trace iron determination in clove tea and tap water samples by slotted quartz tube-flame atomic absorption spectrometry after its preconcentration with supramolecular solvent-based liquid-phase microextraction. Chemical Papers, 2021, 75, 4157-4164.	2.2	3
59	An accurate analytical method for the determination of cadmium: Ultraviolet based photochemical vapor generation-slotted quartz tube based atom trap-flame atomic absorption spectrophotometry. Measurement: Journal of the International Measurement Confederation, 2021, 176, 109192.	5.0	9
60	Quantification of palladium in wastewater samples by matrix-matching calibration strategy assisted deep eutectic solvent based microextraction. Environmental Monitoring and Assessment, 2021, 193, 344.	2.7	4
61	Determination of selenite and selenomethionine in kefir grains by reversedâ€phase highâ€performance liquid chromatographyâ€“inductively coupled plasmaâ€optical emission spectrometry. Journal of Separation Science, 2021, 44, 3031-3040.	2.5	5
62	Serum Levels of Selected Elements in Patients with Beta Thalassemia Major. Biological Trace Element Research, 2021, , 1.	3.5	0
63	Sensitive, Accurate and Selective Determination of Cd(II) Using Anodic Stripping Voltammetry with inâ€situ Hgâ€Bi Film Modified Pencil Graphite Electrode After Magnetic Dispersive Solid Phase Microextraction. Electroanalysis, 2021, 33, 2161-2168.	2.9	3
64	A Sensitive Microextraction Method Using Effervescence Tablets to Disperse Fe₃O₄ Nanoparticles for Cadmium Determination in Lake Water Samples. ChemistrySelect, 2021, 6, 6797-6802.	1.5	1
65	Effervescence-assisted liquid phase microextraction prior to slotted quartz tube-flame atomic absorption spectrometry for cadmium determination in domestic wastewater samples. Chemical Papers, 2021, 75, 6307-6314.	2.2	2
66	An effective and rapid magnetic nanoparticle based dispersive solid phase extraction method for the extraction and preconcentration of cadmium from edible oil samples before ICP OES measurement. Journal of Food Composition and Analysis, 2021, 101, 103978.	3.9	24
67	Quadruple isotope dilution gas chromatography-mass spectrometry after simultaneous derivatization and spraying based fine droplet formation liquid phase microextraction method for the accurate and sensitive quantification of chloroquine phosphate in human serum, urine and saliva samples at trace levels. Journal of Chromatography A, 2021, 1651, 462273.	3.7	4
68	Surface modified iron magnetic nanoparticles assisted Fenton digestion and extraction method for cadmium determination. Analytical Biochemistry, 2021, 629, 114309.	2.4	3
69	Development of a switchable solvent liquid phase extraction method for the determination of chlorthiamid, ethyl parathion, penconazole and fludioxonil pesticides in well, tap and lake water samples by gas chromatography mass spectrometry. Microchemical Journal, 2021, 168, 106381.	4.5	12
70	Arsenic speciation in rice samples for trace level determination by high performance liquid chromatography-inductively coupled plasma-mass spectrometry. Food Chemistry, 2021, 356, 129706.	8.2	18
71	Determination of nickel in daphne tea extract and lake water samples by flame atomic absorption spectrophotometry with a zirconium-coated T-shaped slotted quartz tube-atom trap and photochemical vapor generation sample introduction. Environmental Monitoring and Assessment, 2021, 193, 627.	2.7	4
72	A basic and effective liquid phase microextraction with a novel automated mixing system for the determination of cobalt in quince samples by flame atomic absorption spectrometry. Food Chemistry, 2021, 361, 130097.	8.2	10

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73	Determination of trace cadmium in saliva samples using spray assisted droplet formation-liquid phase microextraction prior to the measurement by slotted quartz tube-flame atomic absorption spectrophotometry. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126859.	3.0	4
74	Determination of copper in human blood serum by flame atomic absorption spectrometry after UV-assisted Fenton digestion using binary magnetite nanoparticles. Measurement: Journal of the International Measurement Confederation, 2021, 186, 110108.	5.0	3
75	Accurate and sensitive determination of hydroxychloroquine sulfate used on COVID-19 patients in human urine, serum and saliva samples by GC-MS. Journal of Pharmaceutical Analysis, 2021, 11, 278-283.	5.3	17
76	Determination of Cadmium in Mineral Water Samples by Slotted Quartz Tube-Flame Atomic Absorption Spectrometry After Peristaltic Pump Assisted Silica Nanoparticle Based Pipette Tip Solid Phase Extraction. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	1
77	Simultaneous Complexation and Microextraction Using Verbenone Hydrazone as the Ligand with Slotted Quartz Tube-Flame Atomic Absorption Spectrometry (FAAS) for the Sensitive Determination of Copper. Analytical Letters, 2021, 54, 2376-2386.	1.8	1
78	Preliminary study testing the effects of tea and coffee on sludge characteristics and N-butyryl-l-homoserine lactone in an MBR system. Environmental Technology (United Kingdom), 2020, 41, 2085-2095.	2.2	3
79	Analysis of Conventionally and Magnetic-Field Dried Fruit and Nuts for Mycotoxins by High-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry (HPLC-MS/MS) and Trace Elements by Inductively Coupled Plasmaâ€“Mass Spectrometry (ICP-MS). Analytical Letters, 2020, 53, 735-745.	1.8	6
80	Optimization of atrazine removal from synthetic groundwater by electrooxidation process using titanium dioxide and graphite electrodes. Separation Science and Technology, 2020, 55, 3036-3045.	2.5	11
81	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.	8.2	47
82	Application of oleic acid functionalized magnetic nanoparticles for a highly sensitive and efficient dispersive magnetic solid phase extraction of fenazaquin in almond samples for determination by gas chromatrography mass spectrometry. Microchemical Journal, 2020, 153, 104329.	4.5	11
83	Combination of stearic acid coated magnetic nanoparticle based sonication assisted dispersive solid phase extraction and slotted quartz tube-flame atomic absorption spectrophotometry for the accurate and sensitive determination of lead in red pepper samples and assessment of green profile. Food Chemistry, 2020, 303, 125396.	8.2	29
84	Development of a sensitive microextraction strategy for the accurate determination of tebuconazole and etrimfos by gas chromatography-mass spectrometry. International Journal of Environmental Analytical Chemistry, 2020, 100, 1197-1208.	3.3	1
85	An accurate determination method for cobalt in sage tea and cobalamin: Slotted quartz tube-flame atomic absorption spectrometry after preconcentration with switchable liquid-liquid microextraction using a Schiff base. Food Chemistry, 2020, 302, 125336.	8.2	17
86	Accurate and Precise Determination of Gold in Plating Bath Solution: Deep Eutectic Solvent Based Liquid Phase Microextraction â€“ Slotted Quartz Tube â€“ Flame Atomic Absorption Spectrometry. Analytical Letters, 2020, 53, 165-173.	1.8	6
87	A novel determination method for diuron in seaweed samples: Combination of quadruple isotope dilution strategy with liquid chromatography - quadrupole time of flight - tandem mass spectrometry for superior accuracy and precision. Journal of Chromatography A, 2020, 1611, 460612.	3.7	9
88	Traceable and accurate quantification of iron in seawater using isotope dilution calibration strategies by triple quadrupole ICP-MS/MS: Characterization measurements of iron in a candidate seawater CRM. Talanta, 2020, 209, 120503.	5.5	10
89	Determination of fenazaquin in water and tomato matrices by GC-MS after a combined QuEChERS and switchable solvent liquid phase microextraction. Environmental Monitoring and Assessment, 2020, 192, 72.	2.7	14
90	Rapid, Accurate and Sensitive Determination of Fenpropathrin as Insecticide in Dried Strawberry Samples by High Performance Liquid Chromatography, and In Vivo Stability and Behavior under Gastric Conditions. Chemistry Letters, 2020, 49, 17-19.	1.3	2

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91	Combination of ultrasoundâ€assisted ethyl chloroformate derivatization and switchable solvent liquidâ€phase microextraction for the sensitive determination of l â€methionine in human plasma by GCâ€“MS. Journal of Separation Science, 2020, 43, 1100-1106.	2.5	11
92	Optimization of T-shape slotted quartz tube with exit holes-atom trap-flame atomic absorption spectrophotometry system for the accurate and sensitive determination of tellurium in tap water. Environmental Monitoring and Assessment, 2020, 192, 61.	2.7	1
93	A green, accurate and sensitive analytical method based on vortex assisted deep eutectic solvent-liquid phase microextraction for the determination of cobalt by slotted quartz tube flame atomic absorption spectrometry. Food Chemistry, 2020, 310, 125825.	8.2	27
94	Accurate and Sensitive Reverse Phase High-Performance Liquid Chromatographic Determination of Arbutin in Blueberries and Characterization of Its Stability in Simulated Gastric Fluid and under Ultraviolet Irradiation. Analytical Letters, 2020, 53, 1504-1511.	1.8	3
95	A powerful combination of quadruple isotope dilution strategy with dispersive magnetic solid phase extraction for the accurate and precise multi-analyte determination of tadalafil, sildenafil, avanafil and vardenafil in human plasma and urine samples using LC-ESI-Tandem MS. Microchemical Journal, 2020, 152, 104302.	4.5	6
96	Simple, Accurate and Precise Determination of the Fungicide Zoxamide in Wine and the Characterization of its Stability in Gastric Conditions by Reverse-Phase High-Performance Liquid Chromatography (RP-HPLC). Analytical Letters, 2020, 53, 1053-1060.	1.8	2
97	A sensitive determination method for trace bisphenol A in bottled water and wastewater samples: Binary solvent liquid phase microextraction-quadrupole isotope dilution-gas chromatography-mass spectrometry. Microchemical Journal, 2020, 159, 105532.	4.5	20
98	Assessment of different isotope dilution strategies and their combination with switchable solvent-based liquid phase microextraction prior to the quantification of bisphenol A at trace levels via GC-MS. New Journal of Chemistry, 2020, 44, 13685-13691.	2.8	4
99	A novel and rapid extraction protocol for sensitive and accurate determination of prochloraz in orange juice samples: Vortexâ€assisted sprayingâ€based fine droplet formation liquidâ€phase microextraction before gas chromatographyâ€“mass spectrometry. Journal of Mass Spectrometry, 2020, 55, e4622.	1.6	16
100	Accurate, sensitive determination of omegaâ€6 and omegaâ€3 polyunsaturated fatty acids in human plasma, urine samples. Biomedical Chromatography, 2020, 34, e4951.	1.7	1
101	Development of sensitive analytical methods for the determination of thallium at trace levels by slotted quartz tube flame atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 171, 105937.	2.9	7
102	Nano-sized magnetic Ni particles based dispersive solid-phase extraction of trace Cd before the determination by flame atomic absorption spectrometry with slotted quartz tube: a new, accurate, and sensitive quantification method. Environmental Monitoring and Assessment, 2020, 192, 583.	2.7	6
103	Simultaneous Determination of Harmful Aromatic Amine Products of Azo Dyes by Gas Chromatographyâ€“Mass Spectrometry. Journal of Analytical Chemistry, 2020, 75, 1330-1334.	0.9	4
104	Ultra-trace cadmium determination in eucalyptus and rosemary tea samples using a novel method: deep eutectic solvent based magnetic nanofluid liquid phase microextraction-slotted quartz tube-flame atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2020, 35, 2565-2572.	3.0	23
105	Sensitive Determination of Acetochlor, Alachlor, Metolachlor and Fenthion Utilizing Mechanical Shaking Assisted Dispersive Liquidâ€“Liquid Microextraction Prior to Gas Chromatographyâ€“Mass Spectrometry. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 460-467.	2.7	13
106	A Simple and Green Vortex-Assisted Switchable Solvent-Based Microextraction Method by Using Schiff Base Ligand Complexation for Iron Determination in Mineral Spring Water Samples Prior to Slotted Quartz Tube Flame Atomic Absorption Spectrophotometry. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	4
107	Determination of fipronil and bixafen pesticides residues using gas chromatography mass spectroscopy with matrix matching calibration strategy after binary dispersive liquid-liquid microextraction. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 1041-1047.	1.5	9
108	A Simultaneous Dispersive Liquidâ€“Liquid Microextraction-complexation Method to Determine Trace Cobalt in Chamomile Tea Extract Prior to Slotted Quartz Tube Flame Atomic Absorption Spectrometry. Chemistry Letters, 2020, 49, 991-994.	1.3	5

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109	A primary reference method for the characterization of Cd, Cr, Cu, Ni, Pb and Zn in a candidate certified reference seawater material: TEA/Mg(OH)2 assisted ID3MS by triple quadrupole ICP-MS/MS. Analytica Chimica Acta, 2020, 1140, 178-189.	5.4	8
110	Removal of Selected Micropollutants from Synthetic Wastewater by Electrooxidation Using Oxidized Titanium and Graphite Electrodes. Clean - Soil, Air, Water, 2020, 48, 1900378.	1.1	8
111	Liquid phase microextraction strategies and their application in the determination of endocrine disruptive compounds in food samples. TrAC - Trends in Analytical Chemistry, 2020, 128, 115917.	11.4	31
112	Fe3O4/reduced graphene oxide nanocomposites based dispersive solid phase microextraction for trace determination of profenofos in white rice flour samples. Journal of Food Composition and Analysis, 2020, 91, 103516.	3.9	19
113	Zirconium nanoparticles based dispersive solid phase extraction prior to slotted quartz tube-flame atomic absorption spectrophotometry for the determination of selenium in green tea samples. Food Chemistry, 2020, 329, 127210.	8.2	11
114	Determination of Copper in Quince Samples with a Matrix Matching Strategy Using Vortex Assisted Deep Eutectic Solvent-Based Emulsification Liquid Phase Microextraction â€“ Slotted Quartz Tube â€“ Flame Atomic Absorption Spectrometry. Analytical Letters, 2020, 53, 2748-2760.	1.8	8
115	Sensitive Determination of Selected Drug Active Compounds in Wastewater Matrices by LC-QTOF-MS/MS after Vortex Assisted Binary Solvents Dispersive Liquid-Liquid Microextraction. Chemistry Letters, 2020, 49, 546-549.	1.3	2
116	An accurate and sensitive analytical method for the simultaneous determination of glycine, methionine and homocysteine in biological matrices by matrix matching strategy and LCâ€“quadrupole-time-of-flight-MS/MS. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 239, 118394.	3.9	7
117	Accurate and simple determination of oxcarbazepine in human plasma and urine samples using switchableâ€hydrophilicity solvent in GCâ€“MS. Biomedical Chromatography, 2020, 34, e4915.	1.7	6
118	Accurate and Sensitive Determination of Atraton in Dried Tomato and Corn Flour by High-Performance Liquid Chromatography (HPLC) and Characterization of Its Stability in Gastric Conditions and by Ultraviolet Radiation. Analytical Letters, 2020, 53, 2047-2059.	1.8	1
119	Simple, Sensitive, and Selective High Performance Liquid Chromatographic (HPLC) Method for the Determination of Buturon in Herbal Tea, Dried Blueberry, and Cranberry Samples and Evaluation of Its Stability in Gastric Conditions. Analytical Letters, 2020, 53, 1525-1535.	1.8	0
120	Accurate and Sensitive Analytical Method for the Determination of Cyclanilide in Cotton and Cosmetic Pads at Trace Levels Using the Combination of Vortex Assisted Iron(II,III)/Reduced Graphene Oxide Nanocomposite Based Dispersive Solid Phase Extraction and High Performance Liquid Chromatography (HPLC). Analytical Letters, 2020, 53, 2278-2291.	1.8	1
121	A sensitive and accurate analytical method for the determination of cadmium in food samples: Molybdenum coated T-shape slotted quartz tube flame atomic absorption spectrophotometry. Food Chemistry, 2020, 319, 126572.	8.2	11
122	Zirconium nanoparticles based ligandless dispersive solid phase extraction for the determination of antimony in bergamot and mint tea samples by slotted quartz tube-flame atomic absorption spectrophotometry. Journal of Food Composition and Analysis, 2020, 92, 103583.	3.9	8
123	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, , .	1.5	0
124	Chitosan magnetic hydrogel based ligandless magnetic solid phase extraction for the accurate and sensitive determination of thallium by slotted-quartz tube flame atomic absorption spectrophotometry with matrix matching calibration strategy. Microchemical Journal, 2020, 158, 105231.	4.5	14
125	Peristaltic pump-assisted zirconium nanoparticle-based pipette-tip solid phase extraction for the determination of cobalt by slotted quartz tube-flame atomic absorption spectrophotometry. Analytical Methods, 2020, 12, 1244-1249.	2.7	11
126	Liquid phase microextraction based sensitive analytical strategy for the determination of 22 hazardous aromatic amine products of azo dyes in wastewater and tap water samples by GC-MS system. Microchemical Journal, 2020, 155, 104712.	4.5	23

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127	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.	1.8	6
128	Determination of Indium in Lettuce Samples Using Hydrogen Supported-T-cut-slotted Quartz Tube-atom Trap-flame Atomic Absorption Spectrometry. Chemistry Letters, 2020, 49, 276-279.	1.3	0
129	A new derivatization method for the determination of propineb in black tea and infant formula samples using dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. Talanta, 2020, 213, 120846.	5.5	6
130	Determination of trace nickel in chamomile tea and coffee samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with dispersive liquid-liquid microextraction method using a Schiff base ligand. Journal of Food Composition and Analysis, 2020, 88, 103454.	3.9	15
131	A simple and efficient preconcentration method based on vortex assisted reduced graphene oxide magnetic nanoparticles for the sensitive determination of endocrine disrupting compounds in different water and baby food samples by GC-FID. Journal of Food Composition and Analysis, 2020, 88, 103431.	3.9	11
132	A sieve-conducted two-syringe-based pressurized liquid-phase microextraction for the determination of indium by slotted quartz tube-flame atomic absorption spectrometry. Environmental Monitoring and Assessment, 2020, 192, 133.	2.7	5
133	Feasibility studies on the uptake and bioaccessibility of pesticides, hormones and endocrine disruptive compounds in plants, and simulation of gastric and intestinal conditions. Microchemical Journal, 2020, 155, 104669.	4.5	10
134	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.	2.7	12
135	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.	2.7	4
136	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.	2.7	6
137	Determination of iron in hair samples by slotted quartz tube-flame atomic absorption spectrometry after switchable solvent liquid phase extraction. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113274.	2.8	13
138	Reverse phase dispersive liquidâ€“liquid microextraction coupled to slotted quartz tube flame atomic absorption spectrometry as a new analytical strategy for trace determination of cadmium in fish and olive oil samples. Journal of Food Composition and Analysis, 2020, 90, 103486.	3.9	15
139	Hydride generation-flame atomic absorption spectrometric quantification of trace lead after the extraction by fatty acid functionalized Fe₃O₄ nanoparticles assisted dispersive solid-phase extraction: a sensitive, precise and accurate analytical method. Journal of Analytical Atomic Spectrometry, 2020, 35, 961-966.	3.0	3
140	Feasibility Studies on the Effect of Natural Plant Compounds on Sludge Characteristics in a Batch-Type Aerobic Reactor and N-butyryl-L Homoserine Lactone. Analytical Letters, 2020, 53, 2431-2444.	1.8	3
141	Experimental Design of Vortex Assisted Switchable Solvent Homogeneous Liquid-Liquid Microextraction for Simultaneous Determination of Four Pesticides in Wastewater. Journal of AOAC INTERNATIONAL, 2020, 103, 1250-1255.	1.5	1
142	A new microextraction method for trace nickel determination in green tea samples: Solventless dispersion based dispersive liquid-liquid microextraction combined with slotted quartz tube- flame atomic absorption spectrophotometry. Journal of Food Composition and Analysis, 2020, 94, 103623.	3.9	13
143	Determination of trace manganese in soil samples by using eco-friendly switchable solvent based liquid phase microextraction-3 holes cut slotted quartz tube-flame atomic absorption spectrometry. Microchemical Journal, 2020, 157, 104981.	4.5	17
144	Determination of Bismuth in Bottled and Mineral Water Samples at Trace Levels by T-Shaped Slotted Quartz tube-Atom Trap-Flame Atomic Absorption Spectrometry. Analytical Letters, 2019, 52, 539-549.	1.8	7

#	Article	IF	Citations
145	Simultaneous Determination of Chromium Species in Water and Plant Samples at Trace Levels by Ion Chromatographyâ€“Inductively Coupled Plasma-Mass Spectrometry. Analytical Letters, 2019, 52, 761-771.	1.8	17
146	Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4â€‘nâ€‘nonylphenol in municipal wastewater. Microchemical Journal, 2019, 144, 1-5.	4.5	14
147	Determination of cadmium at trace levels in parsley samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with cloud point extraction. Measurement: Journal of the International Measurement Confederation, 2019, 147, 106841.	5.0	23
148	Determination of butyltin compounds in fish and mussel samples at trace levels by vortex assisted dispersive liquid-liquid microextraction-gas chromatography mass spectrometry. Journal of Food Composition and Analysis, 2019, 82, 103248.	3.9	15
149	Determination of glycine in body fluids at trace levels using the combination of quadrupole isotope dilution strategy and Liquid Chromatography-Quadrupole Time of Flight-Tandem Mass Spectrometry. Measurement: Journal of the International Measurement Confederation, 2019, 146, 606-612.	5.0	6
150	Determination of lead in milk samples using vortex assisted deep eutectic solvent based liquid phase microextraction-slotted quartz tube-flame atomic absorption spectrometry system. Food Chemistry, 2019, 299, 125065.	8.2	49
151	Radiation interaction parameters for blood samples of breast cancer patients: an MCNP study. Radiation and Environmental Biophysics, 2019, 58, 531-537.	1.4	2
152	Simultaneous determination of drug active compound, hormones, pesticides, and endocrine disruptor compounds in wastewater samples by GC-MS with direct calibration and matrix matching strategies after preconcentration with dispersive liquid-liquid microextraction. Environmental Monitoring and Assessment, 2019, 191, 653.	2.7	9
153	Binary Dispersive Liquid-Liquid Microextraction Strategy for Accurate and Precise Determination of Micropollutants in Lake, Well and Wastewater Matrices. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 841-847.	2.7	0
154	An analytical strategy for propoxur determination in raisin samples with matrix matching method after dispersive liquid-liquid microextraction. Journal of Food Composition and Analysis, 2019, 84, 103315.	3.9	5
155	Determination of palladium in soil samples by slotted quartz tube-flame atomic absorption spectrophotometry after vortex-assisted ligandless preconcentration with magnetic nanoparticleâ€“based dispersive solid-phase microextraction. Environmental Monitoring and Assessment, 2019, 191, 692.	2.7	8
156	Experimental design of switchable solventâ€“based liquid phase microextraction for the accurate determination of etrimfos from water and food samples at trace levels by GC-MS. Environmental Monitoring and Assessment, 2019, 191, 619.	2.7	8
157	Application of supercritical gel drying method on fabrication of mechanically improved and biologically safe three-component scaffold composed of graphene oxide/chitosan/hydroxyapatite and characterization studies. Journal of Materials Research and Technology, 2019, 8, 5201-5216.	5.8	25
158	Determination of endocrine disruptive phenolic compounds by gas chromatography mass spectrometry after multivariate optimization of switchable liquid-liquid microextraction and assessment of green profile. Chemosphere, 2019, 235, 205-210.	8.2	20
159	Accurate and sensitive determination of lead in black tea samples using cobalt magnetic particles based dispersive solid-phase microextraction prior to slotted quartz tube-flame atomic absorption spectrometry. Food Chemistry, 2019, 297, 124947.	8.2	21
160	Accurate, sensitive, and precise determination of cobalt in soil matrices by the combination of batch type gas-liquid separator-assisted photochemical vapor generation and atomic absorption spectrophotometry. Environmental Monitoring and Assessment, 2019, 191, 313.	2.7	7
161	Magnetic cobalt particleâ€“assisted solid phase extraction of tellurium prior to its determination by slotted quartz tube-flame atomic absorption spectrophotometry. Environmental Monitoring and Assessment, 2019, 191, 339.	2.7	8
162	Accurate and Sensitive Determination Method for Procymidone and Chlorflurenol in Municipal Wastewater, Medical Wastewater and Irrigation Canal Water by GCâ€“MS After Vortex Assisted Switchable Solvent Liquid Phase Microextraction. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 848-853.	2.7	17

#	Article	IF	Citations
163	Determination of micropollutants in wastewater matrix using gas chromatographyâ€“mass spectrometry after optimization of dispersive liquidâ€“liquid microextraction. International Journal of Environmental Science and Technology, 2019, 16, 7285-7292.	3.5	4
164	Ultrasound assisted deep eutectic solvent based microextraction-slotted quartz tube-flame atomic absorption spectrometry for the determination of cadmium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 155, 1-3.	2.9	19
165	Development of an analytical method based on citric acid coated magnetite nanoparticles assisted dispersive magnetic solid-phase extraction for the enrichment and extraction of sildenafil, tadalafil, vardenafil and avanafil in human plasma and urine prior to determination by LC-MS/MS. Microchemical Journal, 2019, 147, 269-276.	4.5	30
166	Simultaneous determination of 4-tert-octylphenol, chlorpyrifos-ethyl and penconazole by GCâ€“MS after sensitive and selective preconcentration with stearic acid coated magnetic nanoparticles. Microchemical Journal, 2019, 146, 1190-1194.	4.5	21
167	Determination of Vitamin B12 and cobalt in egg yolk using vortex assisted switchable solvent based liquid phase microextraction prior to slotted quartz tube flame atomic absorption spectrometry. Food Chemistry, 2019, 286, 500-505.	8.2	35
168	Oleic and stearic acid-coated magnetite nanoparticles for sonication-assisted binary micro-solid phase extraction of endocrine disrupting compounds, and their quantification by GC-MS. Mikrochimica Acta, 2019, 186, 849.	5.0	4
169	Simultaneous Determination of Fluoxetine, Estrone, Pesticides, and Endocrine Disruptors in Wastewater by Gas Chromatographyâ€“Mass Spectrometry (GCâ€“MS) Following Switchable Solventâ€“Liquid Phase Microextraction (SSâ€“LPME). Analytical Letters, 2019, 52, 869-878.	1.8	28
170	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.	2.7	7
171	Evaluation of magnetic field assisted sun drying of food samples on drying time and mycotoxin production. Innovative Food Science and Emerging Technologies, 2019, 52, 237-243.	5.6	9
172	Ultrasound-assisted dispersive solid phase extraction based on Fe3O4/reduced graphene oxide nanocomposites for the determination of 4-tert octylphenol and atrazine by gas chromatographyâ€“mass spectrometry. Microchemical Journal, 2019, 146, 423-428.	4.5	36
173	Accurate and sensitive determination of sildenafil, tadalafil, vardenafil, and avanafil in illicit erectile dysfunction medications and human urine by LC with quadrupoleâ€TOFâ€MS/MS and their behaviors in simulated gastric conditions. Journal of Separation Science, 2019, 42, 475-483.	2.5	27
174	Accurate and sensitive determination of harmful aromatic amine products of azo dyes in wastewater and textile samples by GCâ€“MS after multivariate optimization of binary solvent dispersive liquid-liquid microextraction. Microchemical Journal, 2019, 145, 84-89.	4.5	22
175	Sensitive and Accurate Determination of Cobalt at Trace Levels by Slotted Quartz Tube-Flame Atomic Absorption Spectrometry Following Preconcentration with Dispersive Liquidâ€“Liquid Microextraction. Analytical Letters, 2019, 52, 745-753.	1.8	6
176	A rapid and sensitive reversed phaseâ€HPLC method for simultaneous determination of ibuprofen and paracetamol in drug samples and their behaviors in simulated gastric conditions. Journal of Separation Science, 2019, 42, 678-683.	2.5	31
177	Development of a sensitive closed batch vessel hydride generation atomic absorption spectrometry method for the determination of cadmium in aqueous samples. Instrumentation Science and Technology, 2018, 46, 645-655.	1.8	0
178	Sensitive determination of cadmium in lake water, municipal wastewater and onion samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with microextraction strategy. Measurement: Journal of the International Measurement Confederation, 2018, 125, 219-223.	5.0	10
179	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.	2.7	6
180	A sensitive and selective analytical method for the simultaneous determination of sildenafil and tadalafil in water, energy drinks and sewage sludge matrices by LC-QTOF-MS/MS. Measurement: Journal of the International Measurement Confederation, 2018, 124, 64-71.	5.0	7

#	Article	IF	Citations
181	Development of an Analytical Method for the Determination of Amoxicillin in Commercial Drugs and Wastewater Samples, and Assessing its Stability in Simulated Gastric Digestion. Journal of Chromatographic Science, 2018, 56, 36-40.	1.4	32
182	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.	2.4	17
183	A novel analytical approach for the determination of parathion methyl in water: quadrupole isotope dilution mass spectrometry-dispersive liquidâ€“liquid microextraction using multivariate optimization. Analyst, The, 2018, 143, 1141-1146.	3.5	13
184	Simultaneous determination of estrone and selected pesticides in water medium by GC-MS after multivariate optimization of microextraction strategy. Environmental Monitoring and Assessment, 2018, 190, 252.	2.7	18
185	A novel analytical method for sensitive determination of lead: Hydrogen assisted T-shape slotted quartz tube-atom trap-flame atomic absorption spectrometry. Microchemical Journal, 2018, 137, 155-159.	4.5	24
186	A new combination for the determination of ultratrace cadmium: solid-phase microextraction by stearic acid-coated magnetic nanoparticles prior to batch-type hydride generation atomic absorption spectrometry. Environmental Monitoring and Assessment, 2018, 190, 589.	2.7	9
187	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.	1.9	2
188	Simultaneous determination of iprodione, procymidone, and chlorflurenol in lake water and wastewater matrices by GC-MS after multivariate optimization of binary dispersive liquid-liquid microextraction. Environmental Monitoring and Assessment, 2018, 190, 607.	2.7	13
189	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.	2.4	3
190	A novel analytical method for the determination of cadmium in sorrel and rocket plants at ultratrace levels: Magnetic chitosan hydrogels based solid phase microextraction-slotted quartz tube-flame atomic absorption spectrophotometry. Microchemical Journal, 2018, 143, 393-399.	4.5	35
191	Selenium speciation in chicken breast samples from inorganic and organic selenium fed chickens using high performance liquid chromatography-inductively coupled plasma-mass spectrometry. Journal of Food Composition and Analysis, 2018, 71, 28-35.	3.9	20
192	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.	2.5	27
193	Development of an efficient and sensitive analytical method for the determination of copper at trace levels by slotted quartz tube atomic absorption spectrometry after vortex-assisted dispersive liquid-liquid microextraction in biota and water samples using a novel ligand. Environmental Monitoring and Assessment, 2018, 190, 437.	2.7	10
194	Development of a sensitive analytical method for the determination of cadmium using hydrogen assisted T-shape slotted quartz tube-atom trap-flame atomic absorption spectrophotometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 147, 9-12.	2.9	8
195	Trace determination of nickel in water samples by slotted quartz tube-flame atomic absorption spectrometry after dispersive assisted simultaneous complexation and extraction strategy. Environmental Monitoring and Assessment, 2018, 190, 498.	2.7	7
196	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.	1.5	7
197	Trace determination of cobalt in biological fluids based on preconcentration with a new competitive ligand using dispersive liquid-liquid microextraction combined with slotted quartz tubeâ€“flame atomic absorption spectrophotometry. Journal of Trace Elements in Medicine and Biology, 2018, 49, 13-18.	3.0	18
198	Determination of indium using vortex assisted solid phase microextraction based on oleic acid coated magnetic nanoparticles combined with slotted quartz tube-flame atomic absorption spectrometry. Microchemical Journal, 2018, 141, 7-11.	4.5	21

#	Article	IF	Citations
199	Simultaneous Determination of Phorate and Oxyfluorfen in Well Water Samples with High Accuracy by GC-MS After Binary Dispersive Liquid-Liquid Microextraction. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	7
200	Correlation between Na/K ratio and electron densities in blood samples of breast cancer patients. BioMetals, 2018, 31, 673-678.	4.1	2
201	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.	2.7	26
202	Principles and Recent Advancements in Microextraction Techniques. Comprehensive Analytical Chemistry, 2018, , 257-294.	1.3	15
203	Determination of trace amount of cadmium using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 129, 37-41.	2.9	42
204	Sensitive determination of copper in water samples using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry. Microchemical Journal, 2017, 132, 406-410.	4.5	66
205	Determination of nickel in water and soil samples at trace levels using photochemical vapor generation-batch type ultrasonication assisted gas liquid separator-atomic absorption spectrometry. Microchemical Journal, 2017, 132, 167-171.	4.5	31
206	Simultaneous determination of selected hormones, endocrine disruptor compounds, and pesticides in water medium at trace levels by GC-MS after dispersive liquid-liquid microextraction. Environmental Monitoring and Assessment, 2017, 189, 277.	2.7	36
207	A Novel Liquidâ€“Liquid Extraction for the Determination of Sertraline in Tap Water and Waste Water at Trace Levels by GCâ€“MS. Bulletin of Environmental Contamination and Toxicology, 2017, 99, 354-359.	2.7	10
208	Quorum sensing: Little talks for an effective bacterial coordination. TrAC - Trends in Analytical Chemistry, 2017, 91, 1-11.	11.4	88
209	Determination of cadmium at ultratrace levels by dispersive liquid-liquid microextraction and batch type hydride generation atomic absorption spectrometry. Microchemical Journal, 2017, 133, 144-148.	4.5	36
210	A novel liquid-liquid extraction for the determination of naphthalene by GC-MS with deuterated anthracene as internal standard. Environmental Monitoring and Assessment, 2017, 189, 528.	2.7	1
211	Determination of lead at trace levels in mussel and sea water samples using vortex assisted dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry. Chemosphere, 2017, 189, 180-185.	8.2	37
212	Multivariate optimization of dispersive liquidâ€“liquid microextraction for the determination of paclobutrazol and triflumizole in water by GCâ€“MS. Journal of Separation Science, 2017, 40, 4541-4548.	2.5	14
213	Sensitive determination of cadmium using solidified floating organic drop microextraction-slotted quartz tube-flame atomic absorption spectroscopy. Environmental Monitoring and Assessment, 2017, 189, 513.	2.7	27
214	A new method for the determination of cadmium at ultratrace levels using slotted quartz tube-flame atomic absorption spectrometry after preconcentration with stearic acid coated magnetite nanoparticles. Journal of Analytical Atomic Spectrometry, 2017, 32, 2433-2438.	3.0	22
215	Simultaneous determination of niacin and pyridoxine at trace levels by using diode array highâ€performance liquid chromatography and liquid chromatography with quadrupole timeâ€ofâ€flight tandem mass spectrometry. Journal of Separation Science, 2017, 40, 4740-4746.	2.5	9
216	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.	3.3	12

#	Article	IF	Citations
217	Isotopic ratio analysis of cattle tail hair: A potential tool in building the database for cow milk geographical traceability. Food Chemistry, 2017, 217, 438-444.	8.2	15
218	Comparison of EDCs removal in full and pilot scale membrane bioreactor plants: Effect of flux rate on EDCs removal in short SRT. Journal of Environmental Management, 2017, 203, 847-852.	7.8	15
219	Simultaneous Determination of Sildenafil and Tadalafil in Legal Drugs, Illicit/Counterfeit Drugs, and Wastewater Samples by High-Performance Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2016, 99, 923-928.	1.5	10
220	Sensitive Determination of Sertraline in Commercial Drugs and Its Stability Check in Simulated Gastric Juice. Journal of AOAC INTERNATIONAL, 2016, 99, 1527-1532.	1.5	2
221	A Novel Liquidâ€“Liquid Extraction for the Determination of Nicotine in Tap Water, Wastewater, and Saliva at Trace Levels by GC-MS. Journal of AOAC INTERNATIONAL, 2016, 99, 806-812.	1.5	21
222	Development of an analytical method for the determination of valsartan in commercial drug and sewage sludge samples by HPLC and evaluation of its stability under simulated gastric conditions. Journal of Liquid Chromatography and Related Technologies, 2016, 39, 526-531.	1.0	5
223	A simple design for microwave assisted digestion vessel with low reagent consumption suitable for food and environmental samples. Scientific Reports, 2016, 6, 37186.	3.3	13
224	Determination of contamination levels of Pb, Cd, Cu, Ni, and Mn caused by former lead mining gallery. Environmental Monitoring and Assessment, 2016, 188, 132.	2.7	10
225	Determination of Lead in Drinking and Wastewater by Hydride Generation Atomic Absorption Spectrometry. Analytical Letters, 2016, 49, 1917-1925.	1.8	21
226	Study of the electron densities of some food products dried using the new method. Drying Technology, 2016, 34, 1445-1454.	3.1	3
227	Speciation of Arsenic in Fish by High-Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry. Analytical Letters, 2016, 49, 2501-2512.	1.8	12
228	Development of a sensitive liquidâ€“liquid extraction method for the determination of N-butyryl-<scp>l</scp>-homoserine lactone produced in a submerged membrane bioreactor by gas chromatography mass spectrometry and deuterated anthracene as the internal standard. Analytical Methods, 2016, 8, 2660-2665.	2.7	22
229	Sensitive determination of lead, cadmium and nickel in soil, water, vegetable and fruit samples using STAT-FAAS after preconcentration with activated carbon. Toxicology and Industrial Health, 2015, 31, 881-889.	1.4	15
230	Lead determination at ng/mL level by flame atomic absorption spectrometry using a tantalum coated slotted quartz tube atom trap. Talanta, 2015, 138, 218-224.	5.5	44
231	Occurrence, fate and removal of endocrine disrupting compounds (EDCs) in Turkish wastewater treatment plants. Chemical Engineering Journal, 2015, 277, 202-208.	12.7	79
232	Speciation of Selenium in Supplements by High Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry. Analytical Letters, 2015, 48, 1511-1523.	1.8	18
233	Molecular characterization of silverâ€“stearate nanoparticles (AgStNPs): A hydrophobic and antimicrobial material against foodborne pathogens. Food Research International, 2015, 76, 439-448.	6.2	16
234	Determination of trace aflatoxin M1 levels in milk and milk products consumed in Turkey by using enzyme-linked immunosorbent assay. Food and Agricultural Immunology, 2014, 25, 61-69.	1.4	13

#	Article	IF	Citations
235	In situ atom trapping of Bi on W-coated slotted quartz tube flame atomic absorption spectrometry and interference studies. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 89, 14-19.	2.9	14
236	Gas-Screen Slotted Quartz Tube Atomic Absorption Spectrometry: A Remedy for Reducing Interference Effects of Calcium and Chromium. Analytical Letters, 2013, 46, 959-968.	1.8	2
237	Determination of As, Cd, and Pb in Tap Water and Bottled Water Samples by Using Optimized GFAAS System with Pd-Mg and Ni as Matrix Modifiers. Journal of Spectroscopy, 2013, 2013, 1-7.	1.3	27
238	Nonlinear Signal Response in Electrospray Mass Spectrometry: Implications for Quantitation of Arsenobetaine Using Stable Isotope Labeling by Liquid Chromatography and Electrospray Orbitrap Mass Spectrometry. Analytical Chemistry, 2012, 84, 3958-3964.	6.5	17
239	Sensitive determination of bismuth by flame atomic absorption spectrometry using atom trapping in a slotted quartz tube and revolatilization with organic solvent pulse. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2012, 73, 84-88.	2.9	32
240	Determination of selected natural hormones and endocrine disrupting compounds in domestic wastewater treatment plants by liquid chromatographyelectrospray ionizationtandem mass spectrometry after solid phase extraction. Analyst, The, 2012, 137, 884-889.	3.5	25
241	Determination of Selected Endocrine Disrupter Compounds at Trace Levels in Sewage Sludge Samples. Clean - Soil, Air, Water, 2012, 40, 980-985.	1.1	8
242	Simultaneous determination of selected endocrine disrupter compounds in wastewater samples in ultra trace levels using HPLC-ES-MS/MS. Environmental Monitoring and Assessment, 2012, 184, 5215-5224.	2.7	17
243	Aflatoxin species: their health effects and determination methods in different foodstuffs. Open Chemistry, 2012, 10, 675-685.	1.9	19
244	Trace level determination of beryllium in natural and flavored mineral waters after pre-concentration using activated carbon. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2011, 28, 455-460.	2.3	16
245	Determination of Arsenobetaine in Fish Tissue by Species Specific Isotope Dilution LC-LTQ-Orbitrap-MS and Standard Addition LC-ICPMS. Analytical Chemistry, 2011, 83, 3371-3378.	6.5	18
246	From mg/kg to pg/kg Levels: A Story of Trace Element Determination: A Review. Applied Spectroscopy Reviews, 2011, 46, 38-66.	6.7	34
247	Determination of Zinc, Copper, Iron, and Manganese in Different Regions of Lamb Brain. Biological Trace Element Research, 2011, 142, 492-499.	3.5	11
248	Speciation of selenium in vitamin tablets using spectrofluorometry following cloud point extraction. Food Chemistry, 2011, 129, 1793-1799.	8.2	42
249	Speciation and determination of thiols in biological samples using high performance liquid chromatographyâ€“inductively coupled plasma-mass spectrometry and high performance liquid chromatographyâ€“Orbitrap MS. Analytica Chimica Acta, 2010, 680, 41-47.	5.4	28
250	Determination and interference studies of bismuth by tungsten trap hydride generation atomic absorption spectrometryâ€†. Talanta, 2009, 80, 127-132.	5.5	34
251	A novel analytical system involving hydride generation and gold-coated W-coil trapping atomic absorption spectrometry for selenium determination at ng lâ€“1 level. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 856-860.	2.9	34
252	Determination of antimony by using tungsten trap atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 875-879.	2.9	27

#	Article	IF	Citations
253	Determination of lead, cadmium and copper in roadside soil and plants in Elazig, Turkey. Environmental Monitoring and Assessment, 2007, 136, 401-410.	2.7	115
254	Comparison of Dry, Wet, and Microwave Ashing Methods for the Determination of Al, Zn, and Fe in Yogurt Samples by Atomic Absorption Spectrometry. Spectroscopy Letters, 2005, 38, 405-417.	1.0	8
255	Comparison of Trace Metal Concentrations in Malign and Benign Human Prostate. Journal of Medicinal Chemistry, 2005, 48, 630-634.	6.4	82
256	Identification of Chemical Forms of Lead, Cadmium and Nickel in Sewage Sludge of Waste Water Treatment Facilities. Mikrochimica Acta, 2003, 141, 47-54.	5.0	21
257	Determination of Palladium in Precious Metal Waste by Sieve Conducted Two Syringes Pressurized Liquid Phase Microextraction (SCTS-PLPME) and Slotted Quartz Tube Flame Atomic Absorption Spectrometry (SQT-FAAS). Analytical Letters, 0, , 1-11.	1.8	2
258	Removal of twelve endocrine disrupting compounds from wastewater using two laboratory-scale batch-type bioreactors. International Journal of Environmental Science and Technology, 0, , 1.	3.5	0
259	Sensitive Determination of 4-n-Nonylphenol in Domestic Wastewater and Liquid Detergent by Binary Solvent Microextraction (BSME) and Gas Chromatographyâ€“Mass Spectrometry (GC-MS) with Matrix Matching Calibration. Analytical Letters, 0, , 1-13.	1.8	0
260	Novel Salicylic Acid Modified Magnetic Nanoparticles Based Ligandless Extraction for the Accurate Determination of Bismuth in Urine Samples by Flame Atomic Absorption Spectrophotometry. Analytical Letters, 0, , 1-12.	1.8	3
261	Quantification of Seventeen Elements in Musical Drumheads and the Extractability of Arsenic, Lead and Chromium with Determination by Inductively Coupled Plasma â€“ Mass Spectrometry (ICP-MS). Analytical Letters, 0, , 1-19.	1.8	0
262	Stearic Acid Functionalized Iron Nanoparticle Based Magnetic Solid-Phase Extraction (MSPE) for the Determination of Oxadiazon in Purslane by High-Performance Liquid Chromatography (HPLC). Analytical Letters, 0, , 1-12.	1.8	0