

Sezgin BakÄ±rdere

List of Publications by Year in descending order

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262
papers

3,401
citations

201674

27
h-index

302126

39
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262
all docs

262
docs citations

262
times ranked

2730
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of lead, cadmium and copper in roadside soil and plants in Elazig, Turkey. <i>Environmental Monitoring and Assessment</i> , 2007, 136, 401-410.	2.7	115
2	Quorum sensing: Little talks for an effective bacterial coordination. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 91, 1-11.	11.4	88
3	Comparison of Trace Metal Concentrations in Malign and Benign Human Prostate. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 630-634.	6.4	82
4	Occurrence, fate and removal of endocrine disrupting compounds (EDCs) in Turkish wastewater treatment plants. <i>Chemical Engineering Journal</i> , 2015, 277, 202-208.	12.7	79
5	Sensitive determination of copper in water samples using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2017, 132, 406-410.	4.5	66
6	Determination of lead in milk samples using vortex assisted deep eutectic solvent based liquid phase microextraction-slotted quartz tube-flame atomic absorption spectrometry system. <i>Food Chemistry</i> , 2019, 299, 125065.	8.2	49
7	Validation of ultrasonic-assisted switchable solvent liquid phase microextraction for trace determination of hormones and organochlorine pesticides by GC-MS and combination with QuEChERS. <i>Food Chemistry</i> , 2020, 305, 125487.	8.2	47
8	Magnetic Nanoparticles Based Solid Phase Extraction Methods for the Determination of Trace Elements. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 231-249.	3.5	46
9	Lead determination at ng/mL level by flame atomic absorption spectrometry using a tantalum coated slotted quartz tube atom trap. <i>Talanta</i> , 2015, 138, 218-224.	5.5	44
10	Speciation of selenium in vitamin tablets using spectrofluorometry following cloud point extraction. <i>Food Chemistry</i> , 2011, 129, 1793-1799.	8.2	42
11	Determination of trace amount of cadmium using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 129, 37-41.	2.9	42
12	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. <i>Chemosphere</i> , 2017, 189, 180-185.	8.2	37
13	Simultaneous determination of selected hormones, endocrine disruptor compounds, and pesticides in water medium at trace levels by GC-MS after dispersive liquid-liquid microextraction. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 277.	2.7	36
14	Determination of cadmium at ultratrace levels by dispersive liquid-liquid microextraction and batch type hydride generation atomic absorption spectrometry. <i>Microchemical Journal</i> , 2017, 133, 144-148.	4.5	36
15	Ultrasound-assisted dispersive solid phase extraction based on Fe ₃ O ₄ /reduced graphene oxide nanocomposites for the determination of 4-tert octylphenol and atrazine by gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2019, 146, 423-428.	4.5	36
16	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. <i>Microchemical Journal</i> , 2018, 143, 393-399.	4.5	35
17	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. <i>Food Chemistry</i> , 2019, 286, 500-505.	8.2	35
18	A novel analytical system involving hydride generation and gold-coated W-coil trapping atomic absorption spectrometry for selenium determination at ng l ⁻¹ level. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 856-860.	2.9	34

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19	Determination and interference studies of bismuth by tungsten trap hydride generation atomic absorption spectrometry. <i>Talanta</i> , 2009, 80, 127-132.	5.5	34
20	From mg/kg to pg/kg Levels: A Story of Trace Element Determination: A Review. <i>Applied Spectroscopy Reviews</i> , 2011, 46, 38-66.	6.7	34
21	Sensitive determination of bismuth by flame atomic absorption spectrometry using atom trapping in a slotted quartz tube and volatilization with organic solvent pulse. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 73, 84-88.	2.9	32
22	Development of an Analytical Method for the Determination of Amoxicillin in Commercial Drugs and Wastewater Samples, and Assessing its Stability in Simulated Gastric Digestion. <i>Journal of Chromatographic Science</i> , 2018, 56, 36-40.	1.4	32
23	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. <i>Microchemical Journal</i> , 2017, 132, 167-171.	4.5	31
24	A rapid and sensitive reversed phase-HPLC method for simultaneous determination of ibuprofen and paracetamol in drug samples and their behaviors in simulated gastric conditions. <i>Journal of Separation Science</i> , 2019, 42, 678-683.	2.5	31
25	Liquid phase microextraction strategies and their application in the determination of endocrine disruptive compounds in food samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115917.	11.4	31
26	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. <i>Microchemical Journal</i> , 2019, 147, 269-276.	4.5	30
27	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. <i>Food Chemistry</i> , 2020, 303, 125396.	8.2	29
28	Speciation and determination of thiols in biological samples using high performance liquid chromatography-inductively coupled plasma-mass spectrometry and high performance liquid chromatography-Orbitrap MS. <i>Analytica Chimica Acta</i> , 2010, 680, 41-47.	5.4	28
29	Simultaneous Determination of Fluoxetine, Estrone, Pesticides, and Endocrine Disruptors in Wastewater by Gas Chromatography-Mass Spectrometry (GC-MS) Following Switchable Solvent-Liquid Phase Microextraction (SS-LPME). <i>Analytical Letters</i> , 2019, 52, 869-878.	1.8	28
30	Determination of antimony by using tungsten trap atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 875-879.	2.9	27
31	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. <i>Journal of Spectroscopy</i> , 2013, 2013, 1-7.	1.3	27
32	Sensitive determination of cadmium using solidified floating organic drop microextraction-slotted quartz tube-flame atomic absorption spectrometry. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 513.	2.7	27
33	Accurate and sensitive determination of selected hormones, endocrine disruptors, and pesticides by gas chromatography-mass spectrometry after the multivariate optimization of switchable solvent liquid-phase microextraction. <i>Journal of Separation Science</i> , 2018, 41, 2895-2902.	2.5	27
34	Accurate and sensitive determination of sildenafil, tadalafil, vardenafil, and avanafil in illicit erectile dysfunction medications and human urine by LC with quadrupole-TOF-MS/MS and their behaviors in simulated gastric conditions. <i>Journal of Separation Science</i> , 2019, 42, 475-483.	2.5	27
35	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. <i>Food Chemistry</i> , 2020, 310, 125825.	8.2	27
36	Vortex-assisted switchable liquid-liquid microextraction for the preconcentration of cadmium in environmental samples prior to its determination with flame atomic absorption spectrometry. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 393.	2.7	26

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37	Determination of selected natural hormones and endocrine disrupting compounds in domestic wastewater treatment plants by liquid chromatography-electrospray ionization-tandem mass spectrometry after solid phase extraction. <i>Analyst</i> , The, 2012, 137, 884-889.	3.5	25
38	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. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5201-5216.	5.8	25
39	A novel analytical method for sensitive determination of lead: Hydrogen assisted T-shape slotted quartz tube-atom trap-flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2018, 137, 155-159.	4.5	24
40	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. <i>Journal of Food Composition and Analysis</i> , 2021, 101, 103978.	3.9	24
41	Determination of cadmium at trace levels in parsley samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with cloud point extraction. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 147, 106841.	5.0	23
42	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2565-2572.	3.0	23
43	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. <i>Microchemical Journal</i> , 2020, 155, 104712.	4.5	23
44	Development of a sensitive liquid-liquid extraction method for the determination of N-butryl-homoserine lactone produced in a submerged membrane bioreactor by gas chromatography mass spectrometry and deuterated anthracene as the internal standard. <i>Analytical Methods</i> , 2016, 8, 2660-2665.	2.7	22
45	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 2433-2438.	3.0	22
46	Accurate and sensitive determination of harmful aromatic amine products of azo dyes in wastewater and textile samples by GC-MS after multivariate optimization of binary solvent dispersive liquid-liquid microextraction. <i>Microchemical Journal</i> , 2019, 145, 84-89.	4.5	22
47	Identification of Chemical Forms of Lead, Cadmium and Nickel in Sewage Sludge of Waste Water Treatment Facilities. <i>Mikrochimica Acta</i> , 2003, 141, 47-54.	5.0	21
48	A Novel Liquid-Liquid Extraction for the Determination of Nicotine in Tap Water, Wastewater, and Saliva at Trace Levels by GC-MS. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 806-812.	1.5	21
49	Determination of Lead in Drinking and Wastewater by Hydride Generation Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2016, 49, 1917-1925.	1.8	21
50	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. <i>Microchemical Journal</i> , 2018, 141, 7-11.	4.5	21
51	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. <i>Food Chemistry</i> , 2019, 297, 124947.	8.2	21
52	Simultaneous determination of 4-tert-octylphenol, chlorpyrifos-ethyl and penconazole by GC-MS after sensitive and selective preconcentration with stearic acid coated magnetic nanoparticles. <i>Microchemical Journal</i> , 2019, 146, 1190-1194.	4.5	21
53	Selenium speciation in chicken breast samples from inorganic and organic selenium fed chickens using high performance liquid chromatography-inductively coupled plasma-mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2018, 71, 28-35.	3.9	20
54	Determination of endocrine disruptive phenolic compounds by gas chromatography mass spectrometry after multivariate optimization of switchable liquid-liquid microextraction and assessment of green profile. <i>Chemosphere</i> , 2019, 235, 205-210.	8.2	20

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55	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. <i>Microchemical Journal</i> , 2020, 159, 105532.	4.5	20
56	Aflatoxin species: their health effects and determination methods in different foodstuffs. <i>Open Chemistry</i> , 2012, 10, 675-685.	1.9	19
57	Ultrasound assisted deep eutectic solvent based microextraction-slotted quartz tube-flame atomic absorption spectrometry for the determination of cadmium. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 155, 1-3.	2.9	19
58	Fe ₃ O ₄ /reduced graphene oxide nanocomposites based dispersive solid phase microextraction for trace determination of profenofos in white rice flour samples. <i>Journal of Food Composition and Analysis</i> , 2020, 91, 103516.	3.9	19
59	Determination of Arsenobetaine in Fish Tissue by Species Specific Isotope Dilution LC-LTQ-Orbitrap-MS and Standard Addition LC-ICPMS. <i>Analytical Chemistry</i> , 2011, 83, 3371-3378.	6.5	18
60	Speciation of Selenium in Supplements by High Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry. <i>Analytical Letters</i> , 2015, 48, 1511-1523.	1.8	18
61	Simultaneous determination of estrone and selected pesticides in water medium by GC-MS after multivariate optimization of microextraction strategy. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 252.	2.7	18
62	Trace determination of cobalt in biological fluids based on preconcentration with a new competitive ligand using dispersive liquid-liquid microextraction combined with slotted quartz tube-flame atomic absorption spectrophotometry. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 13-18.	3.0	18
63	Arsenic speciation in rice samples for trace level determination by high performance liquid chromatography-inductively coupled plasma-mass spectrometry. <i>Food Chemistry</i> , 2021, 356, 129706.	8.2	18
64	Nonlinear Signal Response in Electrospray Mass Spectrometry: Implications for Quantitation of Arsenobetaine Using Stable Isotope Labeling by Liquid Chromatography and Electrospray Orbitrap Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 3958-3964.	6.5	17
65	Simultaneous determination of selected endocrine disrupter compounds in wastewater samples in ultra trace levels using HPLC-ES-MS/MS. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 5215-5224.	2.7	17
66	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. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	17
67	Simultaneous Determination of Chromium Species in Water and Plant Samples at Trace Levels by Ion Chromatography-Inductively Coupled Plasma-Mass Spectrometry. <i>Analytical Letters</i> , 2019, 52, 761-771.	1.8	17
68	Accurate and Sensitive Determination Method for Procymidone and Chlorflurenol in Municipal Wastewater, Medical Wastewater and Irrigation Canal Water by GC-MS After Vortex Assisted Switchable Solvent Liquid Phase Microextraction. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 848-853.	2.7	17
69	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. <i>Food Chemistry</i> , 2020, 302, 125336.	8.2	17
70	Accurate and sensitive determination of hydroxychloroquine sulfate used on COVID-19 patients in human urine, serum and saliva samples by GC-MS. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 278-283.	5.3	17
71	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. <i>Microchemical Journal</i> , 2020, 157, 104981.	4.5	17
72	Trace level determination of beryllium in natural and flavored mineral waters after pre-concentration using activated carbon. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 455-460.	2.3	16

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73	Molecular characterization of silverâ€‘stearate nanoparticles (AgStNPs): A hydrophobic and antimicrobial material against foodborne pathogens. <i>Food Research International</i> , 2015, 76, 439-448.	6.2	16
74	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. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4622.	1.6	16
75	Sensitive determination of lead, cadmium and nickel in soil, water, vegetable and fruit samples using STAT-FAAS after preconcentration with activated carbon. <i>Toxicology and Industrial Health</i> , 2015, 31, 881-889.	1.4	15
76	Isotopic ratio analysis of cattle tail hair: A potential tool in building the database for cow milk geographical traceability. <i>Food Chemistry</i> , 2017, 217, 438-444.	8.2	15
77	Comparison of EDCs removal in full and pilot scale membrane bioreactor plants: Effect of flux rate on EDCs removal in short SRT. <i>Journal of Environmental Management</i> , 2017, 203, 847-852.	7.8	15
78	Principles and Recent Advancements in Microextraction Techniques. <i>Comprehensive Analytical Chemistry</i> , 2018, , 257-294.	1.3	15
79	Determination of butyltin compounds in fish and mussel samples at trace levels by vortex assisted dispersive liquid-liquid microextraction-gas chromatography mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2019, 82, 103248.	3.9	15
80	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. <i>Journal of Food Composition and Analysis</i> , 2020, 88, 103454.	3.9	15
81	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. <i>Journal of Food Composition and Analysis</i> , 2020, 90, 103486.	3.9	15
82	In situ atom trapping of Bi on W-coated slotted quartz tube flame atomic absorption spectrometry and interference studies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 89, 14-19.	2.9	14
83	Multivariate optimization of dispersive liquidâ€‘liquid microextraction for the determination of paclobutrazol and triflumizole in water by GCâ€‘MS. <i>Journal of Separation Science</i> , 2017, 40, 4541-4548.	2.5	14
84	Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4â€‘nonylphenol in municipal wastewater. <i>Microchemical Journal</i> , 2019, 144, 1-5.	4.5	14
85	Determination of fenazaquin in water and tomato matrices by GC-MS after a combined QuEChERS and switchable solvent liquid phase microextraction. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 72.	2.7	14
86	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. <i>Microchemical Journal</i> , 2020, 158, 105231.	4.5	14
87	Determination of Manganese in Coffee and Wastewater Using Deep Eutectic Solvent Based Extraction and Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2021, 54, 979-989.	1.8	14
88	Bioaccessibility and bioavailability of selenium species in Se-enriched leeks (<i>Allium Porrum</i>) cultivated by hydroponically. <i>Food Chemistry</i> , 2022, 372, 131314.	8.2	14
89	Determination of trace aflatoxin M1 levels in milk and milk products consumed in Turkey by using enzyme-linked immunosorbent assay. <i>Food and Agricultural Immunology</i> , 2014, 25, 61-69.	1.4	13
90	A simple design for microwave assisted digestion vessel with low reagent consumption suitable for food and environmental samples. <i>Scientific Reports</i> , 2016, 6, 37186.	3.3	13

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91	A novel analytical approach for the determination of parathion methyl in water: quadrupole isotope dilution mass spectrometry-dispersive liquid-liquid microextraction using multivariate optimization. <i>Analyst</i> , 2018, 143, 1141-1146.	3.5	13
92	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. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 607.	2.7	13
93	Sensitive Determination of Acetochlor, Alachlor, Metolachlor and Fenthion Utilizing Mechanical Shaking Assisted Dispersive Liquid-Liquid Microextraction Prior to Gas Chromatography-Mass Spectrometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 460-467.	2.7	13
94	Determination of iron in hair samples by slotted quartz tube-flame atomic absorption spectrometry after switchable solvent liquid phase extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113274.	2.8	13
95	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. <i>Journal of Food Composition and Analysis</i> , 2020, 94, 103623.	3.9	13
96	Dispersive solid phase extraction based on reduced graphene oxide modified Fe ₃ O ₄ nanocomposite for trace determination of parabens in rock, soil, moss, seaweed, feces, and water samples from Horseshoe and Faure Islands. <i>Journal of Hazardous Materials</i> , 2022, 426, 127819.	12.4	13
97	Development of copper nanoflowers based dispersive solid-phase extraction method for cadmium determination in shalgam juice samples using slotted quartz tube atomic absorption spectrometry. <i>Food Chemistry</i> , 2022, 396, 133669.	8.2	13
98	Speciation of Arsenic in Fish by High-Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry. <i>Analytical Letters</i> , 2016, 49, 2501-2512.	1.8	12
99	Arsenic speciation in water and biota samples at trace levels by ion chromatography inductively coupled plasma-mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 684-693.	3.3	12
100	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. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 275.	2.7	12
101	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. <i>Microchemical Journal</i> , 2021, 168, 106381.	4.5	12
102	Determination of Zinc, Copper, Iron, and Manganese in Different Regions of Lamb Brain. <i>Biological Trace Element Research</i> , 2011, 142, 492-499.	3.5	11
103	Optimization of atrazine removal from synthetic groundwater by electrooxidation process using titanium dioxide and graphite electrodes. <i>Separation Science and Technology</i> , 2020, 55, 3036-3045.	2.5	11
104	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 chromatography mass spectrometry. <i>Microchemical Journal</i> , 2020, 153, 104329.	4.5	11
105	Combination of ultrasound-assisted ethyl chloroformate derivatization and switchable solvent liquid-liquid phase microextraction for the sensitive determination of l-methionine in human plasma by GC-MS. <i>Journal of Separation Science</i> , 2020, 43, 1100-1106.	2.5	11
106	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. <i>Food Chemistry</i> , 2020, 329, 127210.	8.2	11
107	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. <i>Food Chemistry</i> , 2020, 319, 126572.	8.2	11
108	Peristaltic pump-assisted zirconium nanoparticle-based pipette-tip solid phase extraction for the determination of cobalt by slotted quartz tube-flame atomic absorption spectrophotometry. <i>Analytical Methods</i> , 2020, 12, 1244-1249.	2.7	11

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109	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. <i>Journal of Food Composition and Analysis</i> , 2020, 88, 103431.	3.9	11
110	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. <i>Chemical Papers</i> , 2021, 75, 2937-2944.	2.2	11
111	Simultaneous Determination of Sildenafil and Tadalafil in Legal Drugs, Illicit/Counterfeit Drugs, and Wastewater Samples by High-Performance Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 923-928.	1.5	10
112	Determination of contamination levels of Pb, Cd, Cu, Ni, and Mn caused by former lead mining gallery. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 132.	2.7	10
113	A Novel Liquidâ€“Liquid Extraction for the Determination of Sertraline in Tap Water and Waste Water at Trace Levels by GCâ€“MS. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 354-359.	2.7	10
114	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. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 125, 219-223.	5.0	10
115	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. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 437.	2.7	10
116	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. <i>Talanta</i> , 2020, 209, 120503.	5.5	10
117	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. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 935-944.	3.3	10
118	Feasibility studies on the uptake and bioaccessibility of pesticides, hormones and endocrine disruptive compounds in plants, and simulation of gastric and intestinal conditions. <i>Microchemical Journal</i> , 2020, 155, 104669.	4.5	10
119	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. <i>Food Chemistry</i> , 2021, 361, 130097.	8.2	10
120	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. <i>Journal of Separation Science</i> , 2017, 40, 4740-4746.	2.5	9
121	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. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 589.	2.7	9
122	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. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 653.	2.7	9
123	Evaluation of magnetic field assisted sun drying of food samples on drying time and mycotoxin production. <i>Innovative Food Science and Emerging Technologies</i> , 2019, 52, 237-243.	5.6	9
124	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. <i>Journal of Chromatography A</i> , 2020, 1611, 460612.	3.7	9
125	Determination of fipronil and bixafen pesticides residues using gas chromatography mass spectroscopy with matrix matching calibration strategy after binary dispersive liquid-liquid microextraction. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020, 55, 1041-1047.	1.5	9
126	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. <i>Journal of Chromatography A</i> , 2021, 1641, 461970.	3.7	9

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129	Comparison of Dry, Wet, and Microwave Ashing Methods for the Determination of Al, Zn, and Fe in Yogurt Samples by Atomic Absorption Spectrometry. <i>Spectroscopy Letters</i> , 2005, 38, 405-417.	1.0	8
130	Determination of Selected Endocrine Disrupter Compounds at Trace Levels in Sewage Sludge Samples. <i>Clean - Soil, Air, Water</i> , 2012, 40, 980-985.	1.1	8
131	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 147, 9-12.	2.9	8
132	Determination of palladium in soil samples by slotted quartz tube-flame atomic absorption spectrophotometry after vortex-assisted ligandless pre-concentration with magnetic nanoparticle-based dispersive solid-phase microextraction. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 692.	2.7	8
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135	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. <i>Analytica Chimica Acta</i> , 2020, 1140, 178-189.	5.4	8
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146	Determination of Bismuth in Bottled and Mineral Water Samples at Trace Levels by T-Shaped Slotted Quartz tube-Atom Trap-Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2019, 52, 539-549.	1.8	7
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