

Nail Altunay

List of Publications by Year in descending order

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109
papers

2,159
citations

218381
26
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all docs

109
docs citations

109
times ranked

1432
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticorrosive Effects of Some Thiophene Derivatives Against the Corrosion of Iron: A Computational Study. <i>Frontiers in Chemistry</i> , 2018, 6, 155.	1.8	144
2	Monitoring of some trace metals in honeys by flame atomic absorption spectrometry after ultrasound assisted-dispersive liquid liquid microextraction using natural deep eutectic solvent. <i>Microchemical Journal</i> , 2019, 147, 49-59.	2.3	80
3	Preparation and application of alcohol based deep eutectic solvents for extraction of curcumin in food samples prior to its spectrophotometric determination. <i>Food Chemistry</i> , 2020, 310, 125933.	4.2	53
4	Preconcentration and determination of vanadium and molybdenum in milk, vegetables and foodstuffs by ultrasonic-thermostatic-assisted cloud point extraction coupled to flame atomic absorption spectrometry. <i>Talanta</i> , 2016, 155, 38-46.	2.9	52
5	A new cloud point extraction procedure for determination of inorganic antimony species in beverages and biological samples by flame atomic absorption spectrometry. <i>Food Chemistry</i> , 2015, 175, 507-515.	4.2	49
6	Development of a simple, sensitive and inexpensive ion-pairing cloud point extraction approach for the determination of trace inorganic arsenic species in spring water, beverage and rice samples by UV-Vis spectrophotometry. <i>Food Chemistry</i> , 2015, 180, 32-41.	4.2	46
7	Vortex assisted-ionic liquid based dispersive liquid liquid microextraction of low levels of nickel and cobalt in chocolate-based samples and their determination by FAAS. <i>Microchemical Journal</i> , 2019, 147, 277-285.	2.3	45
8	Innovative and practical deep eutectic solvent based vortex assisted microextraction procedure for separation and preconcentration of low levels of arsenic and antimony from sample matrix prior to analysis by hydride generation-atomic absorption spectrometry. <i>Food Chemistry</i> , 2019, 293, 378-386.	4.2	43
9	Extraction and preconcentration of trace Al and Cr from vegetable samples by vortex-assisted ionic liquid-based dispersive liquid-liquid microextraction prior to atomic absorption spectrometric determination. <i>Food Chemistry</i> , 2018, 245, 586-594.	4.2	42
10	Determination of paracetamol in synthetic urea and pharmaceutical samples by shaker-assisted deep eutectic solvent microextraction and spectrophotometry. <i>Microchemical Journal</i> , 2020, 154, 104645.	2.3	41
11	Assessment of arsenic in water, rice and honey samples using new and green vortex-assisted liquid phase microextraction procedure based on deep eutectic solvent: Multivariate study. <i>Microchemical Journal</i> , 2022, 179, 107541.	2.3	41
12	Quantification of 5-hydroxymethylfurfural in honey samples and acidic beverages using spectrophotometry coupled with ultrasonic-assisted cloud point extraction. <i>Journal of Food Composition and Analysis</i> , 2015, 42, 141-151.	1.9	40
13	A simple and green ultrasound liquid-liquid microextraction method based on low viscous hydrophobic deep eutectic solvent for the preconcentration and separation of selenium in water and food samples prior to HG-AAS detection. <i>Food Chemistry</i> , 2021, 364, 130371.	4.2	40
14	A new analytical approach for preconcentration, separation and determination of Pb(II) and Cd(II) in real samples using a new adsorbent: Synthesis, characterization and application. <i>Food Chemistry</i> , 2021, 359, 129923.	4.2	38
15	A new simple UV-Vis spectrophotometric method for determination of sulfite species in vegetables and dried fruits using a preconcentration process. <i>Analytical Methods</i> , 2016, 8, 342-352.	1.3	34
16	Experimental and theoretical investigation for the spectrophotometric determination of thiabendazole in fruit samples. <i>Microchemical Journal</i> , 2021, 168, 106488.	2.3	33
17	Ultrasound-assisted supramolecular solvent dispersive liquid-liquid microextraction for preconcentration and determination of Cr(VI) in waters and total chromium in beverages and vegetables. <i>Journal of Molecular Liquids</i> , 2021, 329, 115556.	2.3	32
18	Factorial design, physical studies and rapid arsenic adsorption using newly prepared polymer modified perlite adsorbent. <i>Chemical Engineering Research and Design</i> , 2022, 183, 181-191.	2.7	31

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19	Optimization of green and rapid analytical procedure for the extraction of patulin in fruit juice and dried fruit samples by air-assisted natural deep eutectic solvent-based solidified homogeneous liquid phase microextraction using experimental design and computational chemistry approach. <i>Food Chemistry</i> , 2021, 358, 129817.	4.2	30
20	Experimental and density functional theoretical modeling of triazole pesticides extraction by Ti2C nanosheets as a sorbent in dispersive solid phase extraction method before HPLC-MS/MS analysis. <i>Microchemical Journal</i> , 2022, 178, 107331.	2.3	30
21	Microextraction and preconcentration of Mn and Cd from vegetables, grains and nuts prior to their determination by flame atomic absorption spectrometry using room temperature ionic liquid. <i>Journal of Molecular Liquids</i> , 2017, 247, 262-268.	2.3	29
22	Experimental design of ligandless sonication-assisted liquid- phases microextraction based on hydrophobic deep eutectic solvents for accurate determination of Pb(II) and Cd(II) from waters and food samples at trace levels. <i>Food Chemistry</i> , 2022, 371, 131138.	4.2	29
23	Separation/preconcentration of ultra-trace levels of inorganic Sb and Se from different sample matrices by charge transfer sensitized ion-pairing using ultrasonic-assisted cloud point extraction prior to their speciation and determination by hydride generation AAS. <i>Talanta</i> , 2016, 159, 344-355.	2.9	28
24	Development of vortex-assisted ionic liquid-dispersive microextraction methodology for vanillin monitoring in food products using ultraviolet-visible spectrophotometry. <i>LWT - Food Science and Technology</i> , 2018, 93, 9-15.	2.5	28
25	Indirect determination of the flavor enhancer maltol in foods and beverages through flame atomic absorption spectrometry after ultrasound assisted-cloud point extraction. <i>Food Chemistry</i> , 2017, 235, 308-317.	4.2	27
26	Application of simple, fast and eco-friendly ultrasound-assisted-cloud point extraction for pre-concentration of zinc, nickel and cobalt from foods and vegetables prior to their flame atomic absorption spectrometric determinations. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 655-675.	1.8	27
27	A novel, green and safe ultrasound-assisted emulsification liquid phase microextraction based on alcohol-based deep eutectic solvent for determination of patulin in fruit juices by spectrophotometry. <i>Journal of Food Composition and Analysis</i> , 2019, 82, 103256.	1.9	27
28	A green and efficient vortex-assisted liquid-phase microextraction based on supramolecular solvent for UV-VIS determination of nitrite in processed meat and chicken products. <i>Food Chemistry</i> , 2020, 332, 127395.	4.2	27
29	Theoretical and experimental insights about the adsorption of uranyl ion on a new designed Vermiculite-Polymer composite. <i>Journal of Molecular Liquids</i> , 2022, 352, 118727.	2.3	27
30	Utility of ultrasound assisted-cloud point extraction and spectrophotometry as a preconcentration and determination tool for the sensitive quantification of mercury species in fish samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 167-175.	2.0	26
31	Development of a New Methodology for Indirect Determination of Nitrite, Nitrate, and Total Nitrite in the Selected Two Groups of Foods by Spectrophotometry. <i>Food Analytical Methods</i> , 2017, 10, 2194-2206.	1.3	25
32	Vortex assisted-ionic liquid dispersive liquid-liquid microextraction and spectrophotometric determination of quercetin in tea, honey, fruit juice and wine samples after optimization based on response surface methodology. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 221, 117166.	2.0	25
33	Determination of total Sn in some canned beverages by FAAS after separation and preconcentration. <i>Food Chemistry</i> , 2015, 177, 102-110.	4.2	24
34	A new ultrasonic-assisted cloud-point-extraction procedure for pre-concentration and determination of ultra-trace levels of copper in selected beverages and foods by flame atomic absorption spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1475-1487.	1.1	23
35	Ultrasonic-assisted supramolecular solvent liquid-liquid microextraction for determination of manganese and zinc at trace levels in vegetables: Experimental and theoretical studies. <i>Journal of Molecular Liquids</i> , 2020, 310, 113192.	2.3	23
36	Combination of Ultrasonic-Assisted Cloud Point Extraction with Flame AAS for Preconcentration and Determination of Trace Amounts of Silver and Cadmium in Dried Nut and Vegetable Samples. <i>Food Analytical Methods</i> , 2016, 9, 3218-3229.	1.3	22

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37	Developing a new and simple natural deep eutectic solvent based ultrasonic-assisted microextraction procedure for determination and preconcentration of As and Se from rice samples. <i>Analytical Methods</i> , 2019, 11, 3429-3438.	1.3	22
38	Ultrasound-Assisted Low-Density Solvent-Based Dispersive Liquid-Liquid Microextraction Coupled to Spectrophotometry for the Determination of Low Levels of Histamine in Fish and Meat Products. <i>Food Analytical Methods</i> , 2019, 12, 489-502.	1.3	22
39	Poly(styrene)-co-2-vinylpyridine copolymer as a novel solid-phase adsorbent for determination of manganese and zinc in foods and vegetables by FAAS. <i>Food Chemistry</i> , 2020, 333, 127504.	4.2	22
40	Ionic hydrophobic deep eutectic solvents in developing air-assisted liquid-phase microextraction based on experimental design: Application to flame atomic absorption spectrometry determination of cobalt in liquid and solid samples. <i>Food Chemistry</i> , 2021, 350, 129237.	4.2	22
41	Synthesis of carbon modified with polymer of diethylenetriamine and trimesoyl chloride for the dual removal of Hg (II) and methyl mercury ([CH ₃ Hg] ⁺) from wastewater: Theoretical and experimental analyses. <i>Materials Chemistry and Physics</i> , 2022, 277, 125501.	2.0	22
42	Natural deep eutectic solvent-based ultrasound-assisted-microextraction for extraction, pre-concentration and analysis of methylmercury and total mercury in fish and environmental waters by spectrophotometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 1079-1097.	1.1	21
43	Ultrasound-assisted alkanol-based nanostructured supramolecular solvent for extraction and determination of cadmium in food and environmental samples: Experimental design methodology. <i>Microchemical Journal</i> , 2021, 164, 105958.	2.3	21
44	Usage of the newly synthesized poly(3-hydroxy butyrate)-b-poly(vinyl benzyl xanthate) block copolymer for vortex-assisted solid-phase microextraction of cobalt (II) and nickel (II) in canned foodstuffs. <i>Food Chemistry</i> , 2020, 321, 126690.	4.2	20
45	Simple and Green Heat-Induced Deep Eutectic Solvent Microextraction for Determination of Lead and Cadmium in Vegetable Samples by Flame Atomic Absorption Spectrometry: a Multivariate Study. <i>Biological Trace Element Research</i> , 2020, 198, 324-331.	1.9	20
46	Optimization of ultrasound-assisted dispersive liquid-liquid microextraction of niacinamide in pharmaceutical and cosmetic samples using experimental design. <i>Microchemical Journal</i> , 2021, 170, 106659.	2.3	20
47	Ion pair vortex assisted-ionic liquid based dispersive liquid-liquid microextraction for selective separation and preconcentration of 4-methylimidazole from caramel colour drinks and foodstuffs prior to its spectrophotometric determination. <i>Microchemical Journal</i> , 2019, 147, 999-1009.	2.3	19
48	Alcohol-DES based vortex assisted homogenous liquid-liquid microextraction approach for the determination of total selenium in food samples by hydride generation AAS: Insights from theoretical and experimental studies. <i>Talanta</i> , 2020, 215, 120903.	2.9	19
49	Optimization of vortex-assisted ionic liquid dispersive liquid-liquid microextraction by experimental design prior to hydride generation atomic absorption spectrometry for determination of selenium species in food, beverage and water samples. <i>Journal of Food Composition and Analysis</i> , 2021, 99, 103871.	1.9	19
50	Air-assisted liquid-liquid microextraction of total 3-monochloropropane-1,2-diol from refined edible oils based on a natural deep eutectic solvent and its determination by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1656, 462559.	1.8	19
51	A preconcentration method for indirect determination of acrylamide from chips, crackers and cereal-based baby foods using flame atomic absorption spectrometry. <i>Talanta</i> , 2016, 161, 143-150.	2.9	18
52	A New Ultrasound Assisted-Cloud Point Extraction Method for the Determination of Trace Levels of Tin and Antimony in Food and Beverages by Flame Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2016, 9, 2960-2971.	1.3	18
53	A new method of UA_CPE coupled with spectrophotometry for the faster and cost-effective detection of proline in fruit juice, honey, and wine. <i>Food Chemistry</i> , 2018, 255, 31-40.	4.2	18
54	Extraction and reliable determination of acrylamide from thermally processed foods using ionic liquid-based ultrasound-assisted selective microextraction combined with spectrophotometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 222-232.	1.1	18

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55	Synthesis of polystyrene-polyricinoleic acid copolymer containing silver nano particles for dispersive solid phase microextraction of molybdenum in water and food samples. <i>Food Chemistry</i> , 2022, 369, 130973.	4.2	18
56	Towards green analysis of curcumin from tea, honey and spices: Extraction by deep eutectic solvent assisted emulsification liquid-liquid microextraction method based on response surface design. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 869-881.	1.1	17
57	Optimization of an ultrasound-assisted alcohol-based deep eutectic solvent dispersive liquid-phase microextraction for separation and preconcentration of quercetin in wine and food samples with response surface methodology. <i>Journal of Separation Science</i> , 2021, 44, 1998-2005.	1.3	17
58	Indirect Determination of Free, Total, and Reversibly Bound Sulfite in Selected Beverages by Spectrophotometry Using Ultrasonic-Assisted Cloud Point Extraction as a Preconcentration Step. <i>Food Analytical Methods</i> , 2015, 8, 2094-2106.	1.3	16
59	Optimization and application of ultrasound-assisted sugar based deep eutectic solvent dispersive liquid-liquid microextraction for the determination and extraction of aflatoxin M1 in milk samples. <i>Microchemical Journal</i> , 2022, 172, 106974.	2.3	15
60	Determination of sub-ng levels of total inorganic arsenic and selenium in foods by hydride-generation atomic absorption spectrometry after pre-concentration. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 390-403.	1.1	14
61	Preconcentration and indirect quantification of trace nitrite, nitrate and total nitrite in selected beverage and milk samples using ion-pairing cloud-point extraction with acridine orange. <i>Journal of Food Composition and Analysis</i> , 2018, 69, 129-139.	1.9	14
62	Spectrophotometric determination of aflatoxin B1 in food sample: Chemometric optimization and theoretical supports for reaction mechanisms and binding regions. <i>Journal of Food Composition and Analysis</i> , 2020, 94, 103646.	1.9	13
63	An optimization approach for fast, simple and accurate determination of indigo-carmin in food samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119791.	2.0	13
64	Development of a chemometric-assisted deep eutectic solvent-based microextraction procedure for extraction of caffeine in foods and beverages. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 1139-1150.	1.1	12
65	A simple and efficient ultrasonic-assisted extraction procedure combined with UV-Vis spectrophotometry for the pre-concentration and determination of folic acid (vitamin) <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1127-1138.	1.1	11
66	Ionic liquid based ion-pairing microextraction combined with spectrophotometry for preconcentration and quantitation of melamine in milk and milk-based products. <i>LWT - Food Science and Technology</i> , 2017, 86, 352-360.	2.5	11
67	Simple and fast spectrophotometric determination of low levels of thiabendazole residues in fruit and vegetables after pre-concentration with ionic liquid phase microextraction. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1139-1154.	1.1	11
68	A simple and quick ionic liquid-based ultrasonic-assisted microextraction for determination of melamine residues in dairy products: Theoretical and experimental approaches. <i>Food Chemistry</i> , 2020, 326, 126988.	4.2	11
69	Synthesized of a novel xanthate functionalized polypropylene as adsorbent for dispersive solid phase microextraction of caffeine using orbital shaker in mixed beverage matrices. <i>Food Chemistry</i> , 2022, 393, 133464.	4.2	11
70	Synthesized of poly(vinyl benzyl dithiocarbonate-dimethyl amino ethyl methacrylate) block copolymer as adsorbent for the vortex-assisted dispersive solid phase microextraction of patulin from apple products and dried fruits. <i>Food Chemistry</i> , 2022, 395, 133607.	4.2	11
71	A new atomic absorption-based method development for indirect determination of histamine in fish samples, dairy products, and alcoholic beverages by flame AAS. <i>Analytical Methods</i> , 2016, 8, 5142-5151.	1.3	10
72	A New Ultrasonic Thermo-static-Assisted Cloud Point Extraction/Spectrophotometric Method for the Preconcentration and Determination of Bisphenol A in Food, Milk, and Water Samples in Contact with Plastic Products. <i>Food Analytical Methods</i> , 2017, 10, 1765-1776.	1.3	10

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73	Chemometric approach for the spectrophotometric determination of chloramphenicol in various food matrices: Using natural deep eutectic solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121198.	2.0	10
74	Determination of Trace Cd in Alcoholic and Nonalcoholic Beverages by Coupling Cloud Point Extraction with Spectrophotometry. <i>Polish Journal of Food and Nutrition Sciences</i> , 2013, 63, 253-260.	0.6	9
75	An Inexpensive and Sensitive Method for Speciative Determination of Sn(IV), Sn(II), and Total Sn as Sn(IV) in Selected Beverages by Micellar Improved Spectrophotometry. <i>Food Analytical Methods</i> , 2015, 8, 994-1004.	1.3	9
76	A simple and efficient approach for preconcentration of some heavy metals in cosmetic products before their determinations by flame atomic absorption spectrometry. <i>Turkish Journal of Chemistry</i> , 2016, 40, 988-1001.	0.5	9
77	Development of sensitive and accurate solid-phase microextraction procedure for preconcentration of As(III) ions in real samples. <i>Scientific Reports</i> , 2021, 11, 5481.	1.6	9
78	A simple, inexpensive and convenient procedure for determination of inorganic Sb species in milk and beverage samples in PET containers by flame atomic absorption spectrometry. <i>Analytical Methods</i> , 2015, 7, 9850-9860.	1.3	8
79	Ultrasound-assisted cloud point extraction of manganese, zinc and tin from digested food samples for their determination by FAAS. <i>Analytical Methods</i> , 2016, 8, 5930-5939.	1.3	8
80	Extraction, preconcentration and spectrophotometric determination of trace levels of thiosulfate in environmental waters. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1033-1049.	1.2	8
81	Ultrasound assisted-cloud point extraction combined with flame atomic absorption spectrometry for selective preconcentration and determination of As(v) in selected water and beverage samples. <i>Analytical Methods</i> , 2015, 7, 6629-6639.	1.3	7
82	A Novel Preconcentration Procedure Using Neutral Red as Ion-Pairing Reagent for Determination of Inorganic Dissolved Arsenic Species in Different Water and Beverages by Spectrophotometry. <i>Food Analytical Methods</i> , 2015, 8, 1637-1651.	1.3	7
83	Ultrasound assisted extraction and spectrophotometric determination of trace selenium in water, food and vegetable samples. <i>Analytical Methods</i> , 2016, 8, 8208-8218.	1.3	7
84	Analysis of Zinc and Chromium in Grain Samples Using Ionic Liquid-Based Ultrasound-Assisted Microextraction Followed by Flame-AAS After Microwave Digestion. <i>Biological Trace Element Research</i> , 2020, 198, 697-706.	1.9	7
85	Tergitol@SiO ₂ @Fe ₃ O ₄ magnetic nano-material and experimental design methodology: An effective and selective adsorbent for solid phase microextraction and flame atomic absorption spectrometric analysis of lead in different matrixes. <i>Microchemical Journal</i> , 2021, 170, 106765.	2.3	7
86	Theoretical and experimental studies aimed at the development of vortex-assisted supramolecular solvent microextraction for determination of nickel in plant samples by FAAS. <i>Microchemical Journal</i> , 2020, 159, 105491.	2.3	7
87	A reliable method of quantification of trace copper in beverages with and without alcohol by spectrophotometry after cloud point extraction. <i>Quimica Nova</i> , 2013, 36, 1146-1154.	0.3	7
88	Preconcentration of sulfite from food and beverage matrices by ultrasonic assisted-cloud point extraction prior to its indirect determination by flame atomic absorption spectrometry. <i>RSC Advances</i> , 2016, 6, 20961-20970.	1.7	6
89	Determination of low levels of Cd(ii) in cosmetic products by spectrophotometry after separation/preconcentration with cloud point extraction. <i>Analytical Methods</i> , 2016, 8, 2673-2683.	1.3	6
90	A Simple, Low-Cost, and Useful Preconcentration Method for Quantification of Soluble, Insoluble, and Total Oxalate in Selected Vegetables Through Spectrophotometry. <i>Food Analytical Methods</i> , 2016, 9, 950-965.	1.3	6

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91	Air-Assisted Alkanol-Based Nanostructured Supramolecular Liquidâ€“Liquid Microextraction for Extraction and Spectrophotometric Determination of Morin in Fruit and Beverage Samples. <i>Food Analytical Methods</i> , 2022, 15, 243-251.	1.3	6
92	A reliable determination of zinc levels in beverages with and without alcohol by flame atomic absorption spectrometry after cloud point extraction. <i>Analytical Methods</i> , 2013, 5, 1755.	1.3	5
93	A new preconcentration procedure to quantify total acid hydrolyzed fluoride in selected beverages and foods by spectrophotometry. <i>Analytical Methods</i> , 2015, 7, 5081-5091.	1.3	5
94	A Simple and Green Microextraction Procedure for Extraction of Morin in Food and Beverages Using Ionic Liquid. <i>Food Analytical Methods</i> , 2019, 12, 1747-1758.	1.3	5
95	Determination of Se content of 78 sesame accessions with different geographical origin. <i>Journal of Food Composition and Analysis</i> , 2020, 94, 103621.	1.9	5
96	Investigations of Hg(II) analysis in real samples via computational chemistry, experimental design, and green microextraction approach. <i>Journal of Food Composition and Analysis</i> , 2021, 102, 104042.	1.9	5
97	Simultaneous determination of antimony and boron in beverage and dairy products by flame atomic absorption spectrometry after separation and pre-concentration by cloud point extraction. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 271-81.	1.1	4
98	Flame atomic absorption spectrometric determination of total chromium and cadmium in bean samples after ultrasonic-assisted microextraction using ionic liquid Aliquat-336. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 117-127.	1.2	4
99	Feasibility of supramolecular nanosized solvent based microsyringe-assisted liquid-phase microextraction for preconcentration and separation of Vitamin B12 from infant formula, food supplement, and dairy products: Spectrophotometric analysis and chemometric optimization. <i>Microchemical Journal</i> , 2021, 165, 106105.	2.3	4
100	Application of a new dithizone grafted polymeric adsorbent for solid phase microextraction of manganese and copper prior to FAAS in fortified vegetables and barbecue samples. <i>Chemical Papers</i> , 2022, 76, 6153-6165.	1.0	4
101	A Simple and Cheap Ultrasound-Assisted Microextraction Procedure For Extraction of Tartrazine in Soft Drinks and Foodstuff. <i>Cumhuriyet Science Journal</i> , 2019, 40, 275-284.	0.1	3
102	Synthesis, characterization, and application of polyacrylamide/carmine polymer nanomaterial as an effective solid-phase material for ultrasonic-assisted solid-phase microextraction of aluminum and chromium in vegetable samples. <i>Chemical Papers</i> , 2022, 76, 1553-1565.	1.0	3
103	Optimization of magnetic ionic based dispersive liquid-liquid microextraction of cadmium in water and food samples using experimental design prior to flame atomic absorption spectrophotometry. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 27, 100697.	1.6	3
104	Inâ€“situ sorbent formation for the extraction of pesticides from honey. <i>Journal of Separation Science</i> , 2022, 45, 2652-2662.	1.3	3
105	Spectrophotometric determination of low levels arsenic species in beverages after ion-pairing vortex-assisted cloud-point extraction with acridine red. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 33, 1-12.	1.1	2
106	A New Micellar Mediated Cloud-Point Extraction Procedure for Sensitive and Selective Determination of Trace Amounts of Total Iodine in Milk-Based Nutritional Products by Means of Indirect Spectrophotometry. <i>Food Analytical Methods</i> , 2016, 9, 505-518.	1.3	2
107	Determination of Trace Levels of Nitrite in Beverages Samples Through Micellar Improved Catalytic Kinetic Spectrophotometry. <i>Cumhuriyet Science Journal</i> , 2017, 38, 400-411.	0.1	2
108	Chemometric-Based Optimization of Ionic Liquid-Based Dispersive Liquid-Liquid Microextraction for Separation and Preconcentration of Erythrosine from Real Matrices. <i>Cumhuriyet Science Journal</i> , 2022, 43, 53-60.	0.1	1

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109	Comparison of traditional and fullerene-based adsorbents for extraction of 1,4-dioxane and 2-methyl-1,3-dioxolane from milk. Letters on Materials, 2021, 11, 442-446.	0.2	0