

Erkan Yilmaz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

149
papers

3,963
citations

37
h-index

55
g-index

157
ext. papers

4,642
ext. citations

4.1
avg, IF

6.49
L-index

#	Paper	IF	Citations
149	Use of magnetic hybrid nanomaterials in environmental applications 2022 , 187-211		
148	Vortex-assisted restricted access-based supramolecular solvent microextraction of trace Pb(II) ions with 4-(benzimidazolisonitrosoacetyl)biphenyl as a complexing agent before microsampling flame AAS analysis. <i>Talanta</i> , 2022 , 248, 123651	6.2	1
147	An easy and green amine-based microextraction strategy combined UV-Vis spectrophotometric detection for mercury in natural water samples. <i>Journal of the Iranian Chemical Society</i> , 2021 , 18, 3069	2	1
146	Application of magnetic nanomaterials in bioanalysis. <i>Talanta</i> , 2021 , 229, 122285	6.2	8
145	A new strategy for the combination of supramolecular liquid phase microextraction and UV-Vis spectrophotometric determination for traces of maneb in food and water samples. <i>Food Chemistry</i> , 2021 , 338, 128068	8.5	9
144	Fabrication of superhydrophobic Ag@ZnO@Bi ₂ WO ₆ membrane disc as flexible and photocatalytic active reusable SERS substrate. <i>Journal of Molecular Structure</i> , 2021 , 1223, 129258	3.4	10
143	An environment-friendly and rapid liquid-liquid microextraction based on new synthesized hydrophobic deep eutectic solvent for separation and preconcentration of erythrosine (E127) in biological and pharmaceutical samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 244, 118842	4.4	20
142	Nanotechnological Developments in Nanofiber-Based Membranes Used for Water Treatment Applications. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 205-259	0.8	
141	Sensitive determination of Fluoxetine and Citalopram antidepressants in urine and wastewater samples by liquid chromatography coupled with photodiode array detector. <i>Journal of Chromatography A</i> , 2021 , 1648, 462215	4.5	6
140	Determination of chloramphenicol and tetracycline residues in milk samples by means of nanofiber coated magnetic particles prior to high-performance liquid chromatography-diode array detection. <i>Talanta</i> , 2021 , 230, 122307	6.2	23
139	Hydrolytic enzyme modified magnetic nanoparticles: An innovative and green microextraction system for inorganic species in food samples. <i>Analytica Chimica Acta</i> , 2021 , 1178, 338808	6.6	3
138	Magnetic solid phase extraction of erythrosine (E127) in pharmaceutical samples with Fe ₃ O ₄ /C-nanodots hybrid material prior to spectrophotometric analysis. <i>Microchemical Journal</i> , 2021 , 170, 106766	4.8	2
137	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	4.8	1
136	Magnetic nanoparticle-polymer hybrid materials 2021 , 139-182		0
135	Antibacterial, Antiviral, and Self-Cleaning Mats with Sensing Capabilities Based on Electrospun Nanofibers Decorated with ZnO Nanorods and Ag Nanoparticles for Protective Clothing Applications. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 5678-5690	9.5	49
134	Deep Eutectic Solvent-Based Microextraction of Lead(II) Traces from Water and Aqueous Extracts before FAAS Measurements. <i>Molecules</i> , 2020 , 25,	4.8	7
133	Type of new generation separation and preconcentration methods 2020 , 75-148		0

132	Switchable solvents in separation and preconcentration of organic and inorganic species 2020 , 347-380		2
131	Thiomalic acid/ferric chloride-based deep eutectic solvent for microextraction of chromium in natural water samples prior to FAAS analysis. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-9	1.8	10
130	Association between polymorphisms in HLA-A, HLA-B, HLA-DR, and DQ genes from gastric cancer and duodenal ulcer patients and cagL among cagA-positive <i>Helicobacter pylori</i> strains: The first study in a Turkish population. <i>Infection, Genetics and Evolution</i> , 2020 , 82, 104288	4.5	1
129	Development of combined-supramolecular microextraction with ultra-performance liquid chromatography-tandem mass spectrometry procedures for ultra-trace analysis of carbaryl in water, fruits and vegetables. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-11	1.8	8
128	Fabrication and characterization of SiO ₂ @Fe ₃ O ₄ @nanodiamonds for vortex-assisted magnetic solid-phase extraction of lead in cigarette samples prior to FAAS detection. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 1627-1634	2	14
127	Graphene-like MoS ₂ -modified magnetic C-dot nanoflowers: an efficient magnetic solid-phase extraction adsorbent for monitoring of trace amounts of ibuprofen. <i>Analytical Methods</i> , 2020 , 12, 1570-1578	3.2	12
126	TiO nanoparticles and C-Nanofibers modified magnetic FeO nanospheres (TiO@FeO@C-NF): A multifunctional hybrid material for magnetic solid-phase extraction of ibuprofen and photocatalytic degradation of drug molecules and azo dye. <i>Talanta</i> , 2020 , 213, 120813	6.2	33
125	Low bandgap microsphere-like magnetic nanocomposite: An enhanced photocatalyst for degradation of organic contaminants and fabrication of SERS-active surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 589, 124436	5.1	10
124	Pyrocatechol violet impregnated magnetic graphene oxide for magnetic solid phase microextraction of copper in water, black tea and diet supplements. <i>Food Chemistry</i> , 2020 , 321, 126737	8.5	31
123	Simple and sensitive determination of vitamin A and E in the milk and egg yolk samples by using dispersive solid phase extraction with newly synthesized polymeric material. <i>Journal of Food Composition and Analysis</i> , 2020 , 90, 103482	4.1	17
122	Micelle-based restricted access ion-pair microextraction of phosphate at trace levels in water samples for separation, preconcentration and determination. <i>The EuroBiotech Journal</i> , 2020 , 4, 89-96	1.5	8
121	Association between human leukocyte antigen gene polymorphisms and multiple EPIYA-C repeats in gastrointestinal disorders. <i>World Journal of Gastroenterology</i> , 2020 , 26, 4817-4832	5.6	0
120	Type of green solvents used in separation and preconcentration methods 2020 , 207-266		5
119	Synthesis of Ag and TiO modified polycaprolactone electrospun nanofibers (PCL/TiO-Ag NFs) as a multifunctional material for SERS, photocatalysis and antibacterial applications. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 188, 109856	7	30
118	Functionalized nanomaterials for sample preparation methods 2020 , 375-413		17
117	SERS-active hydrophobic substrates fabricated by surface growth of Cu nanostructures. <i>Microchemical Journal</i> , 2020 , 154, 104628	4.8	13
116	A novel deep eutectic solvent microextraction procedure for enrichment, separation and atomic absorption spectrometric determination of palladium at ultra-trace levels in environmental samples. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020 , 153, 107394	4.6	28
115	Green synthesis of magnetic carbon nanodot/graphene oxide hybrid material (Fe ₃ O ₄ @C-nanodot@GO) for magnetic solid phase extraction of ibuprofen in human blood samples prior to HPLC-DAD determination. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 178, 113001	3.5	33

114	Switchable-hydrophilicity solvent liquid-liquid microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 131, 116025	14.6	23
113	An environmentally friendly and novel amine-based liquid phase microextraction of quercetin in food samples prior to its determination by UV-vis spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 243, 118806	4.4	16
112	Trace analysis of quercetin in tea samples by HPLC-DAD system by means of a new nanocomposite including magnetic core-shell. <i>Separation Science and Technology</i> , 2020 , 55, 2025-2036	2.5	9
111	Photocatalytic green fabrication of Au nanoparticles on ZnO nanorods modified membrane as flexible and photocatalytic active reusable SERS substrates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 585, 124088	5.1	26
110	CuO-CuO ball like/multiwalled carbon nanotube hybrid for fast and effective ultrasound-assisted solid phase extraction of uranium at ultra-trace level prior to ICP-MS detection. <i>Talanta</i> , 2020 , 207, 120295	6.2	26
109	Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on <i>Coprinus atramentaria</i> . <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 100, 992-1003	1.8	6
108	A hybrid material composed of multiwalled carbon nanotubes and MoSe nanorods as a sorbent for ultrasound-assisted solid-phase extraction of lead(II) and copper(II). <i>Mikrochimica Acta</i> , 2019 , 186, 666	5.8	10
107	Trace determination of vitamin B12 in food samples by using Fe ₃ O ₄ magnetic particles including multi-walled carbon nanotubes and nanodiamonds. <i>Analytical Methods</i> , 2019 , 11, 5108-5117	3.2	19
106	Application of deep eutectic solvent in ultrasound-assisted emulsification microextraction of quercetin from some fruits and vegetables. <i>Journal of Molecular Liquids</i> , 2019 , 279, 571-577	6	46
105	Separation, enrichment and spectrophotometric determination of erythrosine (E127) in drug, cosmetic and food samples by heat-induced homogeneous liquid-liquid microextraction method. <i>International Journal of Environmental Analytical Chemistry</i> , 2019 , 99, 1135-1147	1.8	14
104	A new amine based microextraction of lead (II) in real water samples using flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2019 , 148, 214-219	4.8	19
103	Magnetic solid-phase extraction of quercetin on magnetic-activated carbon cloth (MACC). <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 1365-1372	2	9
102	A flower-like hybrid material composed of FeO, graphene oxide and CdSe nanodots for magnetic solid phase extraction of ibuprofen prior to its quantification by HPLC detection. <i>Mikrochimica Acta</i> , 2019 , 186, 744	5.8	15
101	Supramolecular solvent microextraction and ultra-performance liquid chromatography-tandem mass spectrometry combination for the preconcentration and determination of malathion in environmental samples 2019 , 144, 166-171		19
100	Analytical Methodology for Trace Determination of Propoxur and Fenitrothion Pesticide Residues by Decanoic Acid Modified Magnetic Nanoparticles. <i>Molecules</i> , 2019 , 24,	4.8	9
99	A sensitive and selective deep eutectic solvent-based ultrasound-assisted liquid phase microextraction procedure for separation-preconcentration and determination of copper in olive oil and water samples. <i>Separation Science and Technology</i> , 2019 , 54, 2431-2439	2.5	17
98	Magnetic solid phase extraction of trace paracetamol and caffeine in synthetic urine and wastewater samples by a using core shell hybrid material consisting of graphene oxide/multiwalled carbon nanotube/Fe ₃ O ₄ /SiO ₂ . <i>Microchemical Journal</i> , 2019 , 145, 843-851	4.8	50
97	A green ultrasonic-assisted liquid-liquid microextraction technique based on deep eutectic solvents for flame atomic absorption spectrometer determination of trace level of lead in tobacco and food samples. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 687-694	2	11

96	Deep eutectic solvent based liquid phase microextraction of nickel at trace level as its diethyldithiocarbamate chelate from environmental samples. <i>Microchemical Journal</i> , 2019 , 145, 745-750	4.8	36
95	Developing a new and simple ultrasound-assisted emulsification liquid phase microextraction method built upon deep eutectic solvents for Patent Blue V in syrup and water samples. <i>Microchemical Journal</i> , 2019 , 145, 813-818	4.8	31
94	Development of an ultrasonic-assisted restricted access supramolecular solvent-based liquid phase microextraction (UA-RAS-LPME) method for separation-preconcentration and UV-VIS spectrophotometric detection of curcumin. <i>Separation Science and Technology</i> , 2018 , 53, 2612-2621	2.5	11
93	Activated carbon cloth filled pipette tip for solid phase extraction of nickel(II), lead(II), cadmium(II), copper(II) and cobalt(II) as 1,3,4-thiadiazole-2,5-dithiol chelates for ultra-trace detection by FAAS. <i>International Journal of Environmental Analytical Chemistry</i> , 2018 , 98, 171-181	1.8	47
92	Synthesis and characterization of Pd nanoparticle-modified magnetic Sm ₂ O ₃ /rGO as effective multifunctional catalyst for reduction of 2-nitrophenol and degradation of organic dyes. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 1721-1731	2	14
91	Nanomaterial@ based chromium speciation in environmental samples: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 44-55	14.6	39
90	A new magnetic nanodiamond/graphene oxide hybrid (FeO@ND@GO) material for pre-concentration and sensitive determination of sildenafil in alleged herbal aphrodisiacs by HPLC-DAD system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1084, 113-121	3.2	42
89	Vortex assisted deep eutectic solvent (DES)-emulsification liquid-liquid microextraction of trace curcumin in food and herbal tea samples. <i>Food Chemistry</i> , 2018 , 243, 442-447	8.5	113
88	Use of hydrolytic enzymes as green and effective extraction agents for ultrasound assisted-enzyme based hydrolytic water phase microextraction of arsenic in food samples. <i>Talanta</i> , 2018 , 189, 302-307	6.2	11
87	A novel and simple deep eutectic solvent based liquid phase microextraction method for rhodamine B in cosmetic products and water samples prior to its spectrophotometric determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 202, 81-86	4.4	42
86	Usage of deep eutectic solvents for the digestion and ultrasound-assisted liquid phase microextraction of copper in liver samples. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 2307-2314	2	16
85	Exhaled breath condensate magnesium levels of infants with bronchiolitis. <i>Turkish Journal of Pediatrics</i> , 2018 , 60, 535-539	0.7	3
84	Ultrasound-assisted Supramolecular Microextraction of Copper in Water, Food, Hair, and Tobacco Samples Prior to Microsampling Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2018 , 39, 106-111	2.8	12
83	Dispersive Liquid-Liquid Microextraction of Lead(II) as Tropaeolin OOO Chelates From Environmental Samples Prior to Microsampling Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2018 , 39, 112-117	2.8	5
82	Increased mitochondrial common deletion in platelets from patients with type 2 diabetes is not associated with abnormal platelet activity or mitochondrial function. <i>Molecular Medicine Reports</i> , 2018 , 18, 3529-3536	2.9	1
81	A simple and novel deep eutectic solvent based ultrasound-assisted emulsification liquid phase microextraction method for malachite green in farmed and ornamental aquarium fish water samples. <i>Microchemical Journal</i> , 2017 , 132, 280-285	4.8	104
80	Ligandless switchable solvent based liquid phase microextraction of nickel from food and cigarette samples prior to its micro-sampling flame atomic absorption spectrometric determination. <i>Journal of Molecular Liquids</i> , 2017 , 237, 236-241	6	37
79	The Frequency and Associated Factors for BK Virus Infection in a Center Performing Mainly Living Kidney Transplantations. <i>Progress in Transplantation</i> , 2017 , 27, 152-159	1.1	3

78	Nanodiamond/MoS ₂ nanorod composite as a novel sorbent for fast and effective vortex-assisted micro solid phase extraction of lead(II) and copper(II) for their flame atomic absorption spectrometric detection. <i>Journal of Molecular Liquids</i> , 2017 , 234, 260-267	6	46
77	Switchable solvent based green liquid phase microextraction method for cobalt in tobacco and food samples prior to flame atomic absorption spectrometric determination. <i>Journal of Molecular Liquids</i> , 2017 , 229, 459-464	6	60
76	Trace elements in blood samples of smoker and nonsmoker active pulmonary tuberculosis patients from Jamshoro, Pakistan. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 26513-26520	5.1	8
75	Magnetic Graphene Oxide as an Efficient Adsorbent for the Separation and Preconcentration of Cu(II), Pb(II), and Cd(II) From Environmental Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 1544-1550	1.7	24
74	Association of HLA antigens with the clinical course of sarcoidosis and familial disease. <i>Monaldi Archives for Chest Disease</i> , 2017 , 87, 835	2.7	7
73	Supramolecular solvent microextraction of uranium at trace levels from water and soil samples. <i>Turkish Journal of Chemistry</i> , 2017 , 41, 61-69	1	8
72	Vortex assisted solid-phase extraction of lead(II) using orthorhombic nanosized BiWO ₄ as a sorbent. <i>Mikrochimica Acta</i> , 2017 , 185, 34	5.8	10
71	Multivariate statistical design optimization for ultrasonic-assisted restricted access supramolecular solvent-based liquid phase microextraction of quercetin in food samples. <i>Journal of the Iranian Chemical Society</i> , 2017 , 14, 2521-2528	2	20
70	Facile and green solvothermal synthesis of palladium nanoparticle-nanodiamond-graphene oxide material with improved bifunctional catalytic properties. <i>Journal of the Iranian Chemical Society</i> , 2017 , 14, 2503-2512	2	17
69	A magnetic MoS ₂ -Fe ₃ O ₄ nanocomposite as an effective adsorbent for dispersive solid-phase microextraction of lead(II) and copper(II) prior to their determination by FAAS. <i>Mikrochimica Acta</i> , 2017 , 184, 3969-3976	5.8	46
68	One step hydrothermal synthesis and characterization of moss like MWCNT-BiS nanomaterial for solid phase extraction of copper. <i>Talanta</i> , 2017 , 174, 645-651	6.2	6
67	Innovative, simple and green ultrasound assisted-enzyme based hydrolytic microextraction method for manganese at trace levels in food samples. <i>Talanta</i> , 2017 , 174, 605-609	6.2	11
66	Switchable solvent based liquid phase microextraction of palladium coupled with determination by flame atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2017 , 97, 1315-1327	1.8	15
65	Application of Supramolecular Microextraction and Flame Atomic Absorption Spectrometry for Ultra-trace Determination of Cadmium in Food and Water Samples. <i>Atomic Spectroscopy</i> , 2017 , 38, 51-56	2.8	4
64	1-nitroso-2-naphthol impregnated multiwalled carbon nanotubes (NNMWCNTs) for the separation-enrichment and flame atomic absorption spectrometric detection of copper and lead in hair, water, and food samples 2017 , 87, 285-291		9
63	Preparation and characterization of magnetic allylamine modified graphene oxide-poly(vinyl acetate-co-divinylbenzene) nanocomposite for vortex assisted magnetic solid phase extraction of some metal ions. <i>Talanta</i> , 2016 , 146, 130-7	6.2	107
62	Ultrasonic-assisted supramolecular solvent-based liquid phase microextraction of mercury as 1-(2-pyridylazo)-2-naphthol complexes from water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2016 , 96, 1356-1366	1.8	16
61	Ultrasonic supramolecular microextraction of nickel (II) as N,N'-Dihydroxy-1,2-cyclohexanedimine chelates from water, tobacco and fertilizer samples before FAAS determination. <i>Journal of Molecular Liquids</i> , 2016 , 221, 773-777	6	12

60	Solid-phase extraction of copper and zinc in water samples using diethylamine-modified phosphorus-containing polymer. <i>Desalination and Water Treatment</i> , 2016 , 57, 2834-2842		4
59	Bovine serum albumin-Cu(II) hybrid nanoflowers: An effective adsorbent for solid phase extraction and slurry sampling flame atomic absorption spectrometric analysis of cadmium and lead in water, hair, food and cigarette samples. <i>Analytica Chimica Acta</i> , 2016 , 906, 110-117	6.6	59
58	Switchable solvent based liquid phase microextraction of uranium in environmental samples: a green approach. <i>Analytical Methods</i> , 2016 , 8, 979-986	3.2	41
57	Supramolecular Solvent-based Microextraction of Copper at Trace Levels Before Determination by Microsampling Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2016 , 37, 158-163	2.8	4
56	Latest trends, green aspects, and innovations in liquid-phase-based microextraction techniques: a review. <i>Turkish Journal of Chemistry</i> , 2016 , 40, 868-893	1	48
55	Combination of dispersive liquid-liquid microextraction and multivariate optimization for separation-enrichment of traces lead by flame atomic absorption spectrometry. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 37, 306-311	6.3	11
54	A green, novel and simple microprecipitation technique for separation and preconcentration of cadmium with 1-(2-thiazolylazo)-2-naphthol in food samples and determination by microsampling flame atomic absorption spectrometry. <i>Analytical Methods</i> , 2016 , 8, 3545-3549	3.2	8
53	Preparation and characterization of magnetic carboxylated nanodiamonds for vortex-assisted magnetic solid-phase extraction of ziram in food and water samples. <i>Talanta</i> , 2016 , 158, 152-158	6.2	56
52	Deep eutectic solvent based ultrasonic assisted liquid phase microextraction for the FAAS determination of cobalt. <i>Journal of Molecular Liquids</i> , 2016 , 224, 538-543	6	97
51	Vortex assisted magnetic solid phase extraction of lead(II) and cobalt(II) on silica coated magnetic multiwalled carbon nanotubes impregnated with 1-(2-pyridylazo)-2-naphthol. <i>Journal of Molecular Liquids</i> , 2016 , 224, 639-647	6	45
50	Ultrasound assisted-deep eutectic solvent based on emulsification liquid phase microextraction combined with microsample injection flame atomic absorption spectrometry for valence speciation of chromium(III/VI) in environmental samples. <i>Talanta</i> , 2016 , 160, 680-685	6.2	125
49	Switchable polarity solvent for liquid phase microextraction of Cd(II) as pyrrolidinedithiocarbamate chelates from environmental samples. <i>Analytica Chimica Acta</i> , 2015 , 886, 75-82	6.6	64
48	Solid-phase extraction of iridium from soil and water samples by using activated carbon cloth prior to its spectrophotometric determination. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 501	3.1	8
47	Lead preconcentration as rac-(E,E)-N,N'-bis(2-chlorobenzylidene)cyclohexane-1,2-diamine complexes from water and tobacco samples by dispersive liquid-liquid microextraction. <i>Journal of Analytical Chemistry</i> , 2015 , 70, 691-695	1.1	9
46	Supramolecular microextraction of cobalt from water samples before its microsampling flame atomic absorption spectrometric detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2015 , 95, 1311-1320	1.8	25
45	Supramolecular solvent-based microextraction method for cobalt traces in food samples with optimization Plackett-Burman and central composite experimental design. <i>RSC Advances</i> , 2015 , 5, 94879-94886 ¹⁶	3.7	16
44	Triethylenetetramine modified multiwalled carbon nanotubes for the efficient preconcentration of Pb(II), Cu(II), Ni(II) and Cd(II) before FAAS detection. <i>RSC Advances</i> , 2015 , 5, 106905-106911	3.7	14
43	Solid phase extraction of metal ions in environmental samples on 1-(2-pyridylazo)-2-naphthol impregnated activated carbon cloth. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 112, 74-9	7	56

42	Characterization of Heavy Metal Fractions in Agricultural Soils by Sequential Extraction Procedure: The Relationship Between Soil Properties and Heavy Metal Fractions. <i>Soil and Sediment Contamination</i> , 2015 , 24, 1-15	3.2	99
41	Separation and preconcentration of lead(II), cobalt(II), and nickel(II) on EDTA immobilized activated carbon cloth prior to flame atomic absorption spectrometric determination in environmental samples. <i>Turkish Journal of Chemistry</i> , 2015 , 39, 1038-1049	1	23
40	Supramolecular solvent-based dispersive liquid-liquid microextraction of copper from water and hair samples. <i>RSC Advances</i> , 2015 , 5, 40422-40428	3.7	47
39	Switchable solvent-based liquid phase microextraction of copper(II): optimization and application to environmental samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1629-1635	3.7	69
38	Magnetic solid phase extraction of lead(II) and cadmium(II) on a magnetic phosphorus-containing polymer (M-PhCP) for their microsampling flame atomic absorption spectrometric determinations. <i>RSC Advances</i> , 2015 , 5, 33801-33808	3.7	48
37	Ultrasound assisted-deep eutectic solvent extraction of iron from sheep, bovine and chicken liver samples. <i>Talanta</i> , 2015 , 136, 170-3	6.2	59
36	Determination of Cadmium in Fruit and Vegetables by Ionic Liquid Magnetic Microextraction and Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2015 , 48, 464-476	2.2	29
35	Development a novel supramolecular solvent microextraction procedure for copper in environmental samples and its determination by microsampling flame atomic absorption spectrometry. <i>Talanta</i> , 2014 , 126, 191-5	6.2	62
34	Polypyrrole/multi-walled carbon nanotube composite for the solid phase extraction of lead(II) in water samples. <i>Talanta</i> , 2014 , 119, 447-51	6.2	68
33	Solid phase extraction of Cd, Pb, Ni, Cu, and Zn in environmental samples on multiwalled carbon nanotubes. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 5461-8	3.1	40
32	Supramolecular solvent microextraction of gold prior to its determination by microsample injection system coupled with flame atomic absorption spectrometry. <i>RSC Advances</i> , 2014 , 4, 47396-47401	3.7	25
31	Flame atomic absorption spectrometric determination of Cd, Pb, and Cu in food samples after pre-concentration using 4-(2-thiazolylazo) resorcinol-modified activated carbon. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 3989-3993	6.3	38
30	Helicobacter pylori infection and skin disorders. <i>Hong Kong Medical Journal</i> , 2014 , 20, 317-24	0.7	16
29	Enrichment of copper as 1-(2-pyridylazo)-2-naphthol complex by the combination of dispersive liquid-liquid microextraction/flame atomic absorption spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 205-10	1.7	12
28	Vortex Assisted Liquid-Liquid Microextraction Using Triton X-114 for Ultratrace Cadmium Prior to Analysis. <i>Clean - Soil, Air, Water</i> , 2014 , 42, 1083-1088	1.6	12
27	Ligandless temperature-controlled ionic liquid-phase microextraction of lead(II) ion prior to its determination by FAAS. <i>Mikrochimica Acta</i> , 2013 , 180, 669-674	5.8	30
26	Ionic liquid-linked dual magnetic microextraction of lead(II) from environmental samples prior to its micro-sampling flame atomic absorption spectrometric determination. <i>Talanta</i> , 2013 , 116, 882-6	6.2	120
25	Heavy metal contents of organically produced, harvested, and dried fruit samples from Kayseri, Turkey. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 2577-83	3.1	14

24	Development of a dispersive liquid-liquid microextraction combined with flame atomic absorption spectrometry using a microinjection system for the enrichment, separation, and determination of nickel in water samples. <i>Desalination and Water Treatment</i> , 2013 , 51, 6770-6776		15
23	A dispersive liquid-liquid microextraction methodology for copper (II) in environmental samples prior to determination using microsample injection flame atomic absorption spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2013 , 96, 1425-9	1.7	11
22	Ionic Liquid-based Method for Microextraction-Enrichment of Gold from Real Samples and Determination by Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2013 , 34, 15-19	2.8	21
21	Dispersive Liquid-Liquid Microextraction and Microsample Injection Flame Atomic Absorption Spectrometry Combination for Copper(II)-3-hydroxy-4-methyl-2(3H)-thiazolethione Chelates. <i>Atomic Spectroscopy</i> , 2013 , 34, 175-180	2.8	9
20	Evaluation of trace metals in tea samples from Jeddah and Jazan, Saudi Arabia by atomic absorption spectrometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012 , 89, 1216-9	2.7	24
19	Vortex-assisted liquid-liquid microextraction coupled to flame atomic absorption spectrometry for lead determination: ionic liquid based microextraction using Triton X-100 as dispersant. <i>Analytical Methods</i> , 2012 , 4, 4091	3.2	35
18	Evaluation of trace element contents of some herbal plants and spices retailed in Kayseri, Turkey. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 3455-61	3.1	13
17	Solid phase extraction of Cd(II), Pb(II), Zn(II) and Ni(II) from food samples using multiwalled carbon nanotubes impregnated with 4-(2-thiazolylazo)resorcinol. <i>Mikrochimica Acta</i> , 2012 , 177, 397-403	5.8	124
16	Cloud point extraction and flame atomic absorption spectrometry determination of lead (II) in environmental and food samples. <i>Journal of AOAC INTERNATIONAL</i> , 2012 , 95, 1797-802	1.7	32
15	Sorbent extraction of Pb(II), Cu(II), Ni(II), and Fe(III) ions as 2-(5-bromo-2-pyridylazo)-5-diethylamino-phenol chelates on single-walled carbon nanotube disks prior to their flame atomic absorption spectrometric determinations in animal feeds and natural water samples. <i>Journal of AOAC INTERNATIONAL</i> , 2012 , 95, 1205-10	1.7	20
14	Speciation of Chromium after Coprecipitation with Cu-Violuric Acid and Determination by Flame Atomic Absorption Spectrometry. <i>Current Analytical Chemistry</i> , 2012 , 8, 358-364	1.7	21
13	Determination of rhodamine B in soft drink, waste water and lipstick samples after solid phase extraction. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1796-9	4.7	154
12	Solid phase extraction on multiwalled carbon nanotubes and flame atomic absorption spectrometry combination for determination of some metal ions in environmental and food samples. <i>Toxicological and Environmental Chemistry</i> , 2011 , 93, 873-885	1.4	37
11	Ionic liquid dispersive liquid-liquid microextraction of lead as pyrrolidinedithiocarbamate chelate prior to its flame atomic absorption spectrometric determination. <i>Desalination</i> , 2011 , 275, 297-301	10.3	124
10	Relations between human leukocyte antigens and autoimmune hepatitis in Turkish children. <i>Turkish Journal of Gastroenterology</i> , 2011 , 22, 42-46	1	3
9	Sorbent extraction of 4-(2-thiazolylazo) resorcinol (TAR)-metal chelates on Diaion SP-850 adsorption resin in order to preconcentration/separation. <i>Journal of Hazardous Materials</i> , 2010 , 182, 704-9	12.8	19
8	The relationship between human leukocyte antigens (HLA) and renal cell carcinoma. <i>Bosnian Journal of Basic Medical Sciences</i> , 2010 , 10, 282-6	3.3	1
7	Cerebral cavernomas and human leukocyte antigens: preliminary clinical results. <i>World Neurosurgery</i> , 2007 , 68, 164-6; discussion 167		4

6	Analysis of HLA antigens in Turkish sarcoidosis patients. <i>Southern Medical Journal</i> , 2007 , 100, 356-9	0.6	4
5	Familial acromegaly: a familial report and review of the literature. <i>Endocrine Research</i> , 2004 , 30, 239-45	1.9	2
4	Kidney Allocation Expert System with Case-Based Reasoning. <i>Lecture Notes in Computer Science</i> , 2004 , 489-498	0.9	
3	An association between mesial temporal lobe epilepsy with hippocampal sclerosis and human leukocyte antigens. <i>Epilepsia</i> , 2002 , 43, 236-9	6.4	23
2	The relation between human leukocyte antigen (HLA) distribution and intestinal obstruction and adhesions in childhood: preliminary report. <i>Pediatric Surgery International</i> , 2000 , 16, 374-6	2.1	10
1	Cadmium selenide and carbon nanodots modified magnetite nanospheres for the magnetic solid-phase extraction (MSPE) of malachite green prior to spectrophotometric determination. <i>Instrumentation Science and Technology</i> , 1-15	1.4	0