

Erkan Yilmaz

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1898439/erkan-yilmaz-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
148	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
147	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
146	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
145	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
144	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
143	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
142	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
141	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
140	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
139	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
138	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
137	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
136	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
135	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
134	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
133	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

132	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
131	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
130	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
129	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
128	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
127	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
126	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
125	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
124	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
123	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
122	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
121	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
120	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
119	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
118	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
117	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
116	Nanomaterial@ based chromium speciation in environmental samples: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 44-55	14.6	39
115	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

114	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
113	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
112	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
111	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
110	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
109	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 , 179, 113201	3.5	33
108	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
107	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
106	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
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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

96	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
95	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
94	An association between mesial temporal lobe epilepsy with hippocampal sclerosis and human leukocyte antigens. <i>Epilepsia</i> , 2002 , 43, 236-9	6.4	23
93	Switchable-hydrophilicity solvent liquid-liquid microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 131, 116025	14.6	23
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	Functionalized nanomaterials for sample preparation methods 2020 , 375-413		17
79	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

78	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	3.7	16
77	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
76	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
75	Helicobacter pylori infection and skin disorders. <i>Hong Kong Medical Journal</i> , 2014 , 20, 317-24	0.7	16
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	Synthesis and characterization of Pd nanoparticle-modified magnetic Sm ₂ O ₃ /ZrO ₂ 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
66	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
65	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
64	SERS-active hydrophobic substrates fabricated by surface growth of Cu nanostructures. <i>Microchemical Journal</i> , 2020 , 154, 104628	4.8	13
63	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
62	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
61	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

60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	Vortex assisted solid-phase extraction of lead(II) using orthorhombic nanosized BiWO as a sorbent. <i>Mikrochimica Acta</i> , 2017 , 185, 34	5.8	10
48	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
47	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
46	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
45	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
44	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
43	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

42	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
41	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
40	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
39	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
38	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
37	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
36	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
35	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
34	Application of magnetic nanomaterials in bioanalysis. <i>Talanta</i> , 2021 , 229, 122285	6.2	8
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	Type of green solvents used in separation and preconcentration methods 2020 , 207-266		5
25	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

24	Cerebral cavernomas and human leukocyte antigens: preliminary clinical results. <i>World Neurosurgery</i> , 2007 , 68, 164-6; discussion 167		4
23	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
22	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
21	Analysis of HLA antigens in Turkish sarcoidosis patients. <i>Southern Medical Journal</i> , 2007 , 100, 356-9	0.6	4
20	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
19	Exhaled breath condensate magnesium levels of infants with bronchiolitis. <i>Turkish Journal of Pediatrics</i> , 2018 , 60, 535-539	0.7	3
18	Relations between human leukocyte antigens and autoimmune hepatitis in Turkish children. <i>Turkish Journal of Gastroenterology</i> , 2011 , 22, 42-46	1	3
17	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
16	Switchable solvents in separation and preconcentration of organic and inorganic species 2020 , 347-380		2
15	Familial acromegaly: a familial report and review of the literature. <i>Endocrine Research</i> , 2004 , 30, 239-45	1.9	2
14	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
13	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 Helicobacter pylori strains: The first study in a Turkish population. <i>Infection, Genetics and Evolution</i> , 2020 , 82, 104288	4.5	1
12	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
11	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
10	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
9	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
8	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
7	Type of new generation separation and preconcentration methods 2020 , 75-148		0

6	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	o
5	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	o
4	Magnetic nanoparticle-polymer hybrid materials 2021 , 139-182		o
3	Use of magnetic hybrid nanomaterials in environmental applications 2022 , 187-211		
2	Kidney Allocation Expert System with Case-Based Reasoning. <i>Lecture Notes in Computer Science</i> , 2004 , 489-498	0.9	
1	Nanotechnological Developments in Nanofiber-Based Membranes Used for Water Treatment Applications. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 205-259	0.8	