

# Elif ztrk Er

## List of Publications by Citations

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30  
papers

224  
citations

9  
h-index

14  
g-index

30  
ext. papers

287  
ext. citations

3.7  
avg, IF

3.97  
L-index

#	Paper	IF	Citations
30	Ultrasound-assisted dispersive solid phase extraction based on Fe <sub>3</sub> O <sub>4</sub> /reduced graphene oxide nanocomposites for the determination of 4-tert octylphenol and atrazine by gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , <b>2019</b> , 146, 423-428	4.8	26
29	Development of an analytical method based on citric acid coated magnetite nanoparticles assisted dispersive magnetic solid-phase extraction for the enrichment and extraction of sildenafil, tadalafil, vardenafil and avanafil in human plasma and urine prior to determination by LC-MS/MS. <i>Microchemical Journal</i> , <b>2019</b> , 147, 269-276	4.8	22
28	Accurate and sensitive determination of sildenafil, tadalafil, vardenafil, and avanafil in illicit erectile dysfunction medications and human urine by LC with quadrupole-TOF-MS/MS and their behaviors in simulated gastric conditions. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 475-483	3.4	21
27	A novel analytical method for the determination of cadmium in sorrel and rocket plants at ultratrace levels: Magnetic chitosan hydrogels based solid phase microextraction-slotted quartz tube-flame atomic absorption spectrophotometry. <i>Microchemical Journal</i> , <b>2018</b> , 143, 393-399	4.8	20
26	Magnetic Nanoparticles Based Solid Phase Extraction Methods for the Determination of Trace Elements. <i>Critical Reviews in Analytical Chemistry</i> , <b>2020</b> , 1-19	5.2	18
25	Application of supercritical gel drying method on fabrication of mechanically improved and biologically safe three-component scaffold composed of graphene oxide/chitosan/hydroxyapatite and characterization studies. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 5201-5216	5.5	16
24	Trace determination of cobalt in biological fluids based on preconcentration with a new competitive ligand using dispersive liquid-liquid microextraction combined with slotted quartz tube-flame atomic absorption spectrophotometry. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2019</b> , 13, 13-18	4.1	16
23	Production of biologically safe and mechanically improved reduced graphene oxide/hydroxyapatite composites. <i>Materials Research Express</i> , <b>2017</b> , 4, 015601	1.7	14
22	A novel analytical approach for the determination of parathion methyl in water: quadrupole isotope dilution mass spectrometry-dispersive liquid-liquid microextraction using multivariate optimization. <i>Analyst, The</i> , <b>2018</b> , 143, 1141-1146	5	12
21	Chitosan magnetic hydrogel based ligandless magnetic solid phase extraction for the accurate and sensitive determination of thallium by slotted-quartz tube flame atomic absorption spectrophotometry with matrix matching calibration strategy. <i>Microchemical Journal</i> , <b>2020</b> , 158, 105231	4.8	9
20	Combination of ultrasound-assisted ethyl chloroformate derivatization and switchable solvent liquid-phase microextraction for the sensitive determination of l-methionine in human plasma by GC-MS. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 1100-1106	3.4	6
19	Simultaneous determination of niacin and pyridoxine at trace levels by using diode array high-performance liquid chromatography and liquid chromatography with quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 4740-4746	3.4	5
18	A novel determination method for diuron in seaweed samples: Combination of quadrupole isotope dilution strategy with liquid chromatography - quadrupole time of flight - tandem mass spectrometry for superior accuracy and precision. <i>Journal of Chromatography A</i> , <b>2020</b> , 1611, 460612	4.5	5
17	Simultaneous Determination of Phorate and Oxyfluorfen in Well Water Samples with High Accuracy by GC-MS After Binary Dispersive Liquid-Liquid Microextraction. <i>Water, Air, and Soil Pollution</i> , <b>2018</b> , 229, 1	2.6	4
16	Determination of glycine in body fluids at trace levels using the combination of quadrupole isotope dilution strategy and Liquid Chromatography-Quadrupole Time of Flight-Tandem Mass Spectrometry. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2019</b> , 146, 606-612	4.6	4
15	Sodium, Magnesium, Calcium, Manganese, Iron, Copper, and Zinc in Serums of Beta Thalassemia Major Patients. <i>Biological Trace Element Research</i> , <b>2021</b> , 199, 888-894	4.5	4
14	Magnetic cobalt particle-assisted solid phase extraction of tellurium prior to its determination by slotted quartz tube-flame atomic absorption spectrophotometry. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 339	3.1	3

## LIST OF PUBLICATIONS

13	An accurate and sensitive analytical method for the simultaneous determination of glycine, methionine and homocysteine in biological matrices by matrix matching strategy and LC-quadrupole-time-of-flight-MS/MS. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 239, 118394.	4.4	3
12	A sensitive and selective analytical method for the simultaneous determination of sildenafil and tadalafil in water, energy drinks and sewage sludge matrices by LC-QTOF-MS/MS. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2018</b> , 124, 64-71	4.6	3
11	A powerful combination of quadruple isotope dilution strategy with dispersive magnetic solid phase extraction for the accurate and precise multi-analyte determination of tadalafil, sildenafil, avanafil and vardenafil in human plasma and urine samples using LC-ESI-Tandem MS. <i>Microchemical Journal</i> , <b>2020</b> , 152, 104302.	4.8	3
10	Determination of seventeen free amino acids in human urine and plasma samples using quadruple isotope dilution mass spectrometry combined with hydrophilic interaction liquid chromatography - Tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2021</b> , 1641, 461970	4.5	2
9	Preconcentration of tellurium using magnetic hydrogel-assisted dispersive solid-phase extraction and its determination by slotted quartz tube-flame atomic absorption spectrophotometry. <i>Chemical Papers</i> , <b>2021</b> , 75, 4261-4267	1.9	2
8	Hydride generation-flame atomic absorption spectrometric quantification of trace lead after the extraction by fatty acid functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles assisted dispersive solid-phase extraction: a sensitive, precise and accurate analytical method. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2020</b> , 35, 911-916	3.7	2
7	A Simple and Efficient Extraction Method for the Preconcentration of Copper in Tap Water and Linden Tea Samples Prior to FAAS Measurement. <i>ChemistrySelect</i> , <b>2021</b> , 6, 2906-2912	1.8	2
6	Novel Salicylic Acid Modified Magnetic Nanoparticles Based Ligandless Extraction for the Accurate Determination of Bismuth in Urine Samples by Flame Atomic Absorption Spectrophotometry. <i>Analytical Letters</i> , <b>1</b> -12	2.2	1
5	Accurate determination of amino acids by quadruple isotope dilution-reverse phase liquid Chromatography-Tandem mass spectrometry after derivatization with 2-Naphthoyl chloride.. <i>Journal of Chromatography A</i> , <b>2022</b> , 1667, 462870	4.5	1
4	Sensitive Determination of Selected Drug Active Compounds in Wastewater Matrices by LC-QTOF-MS/MS after Vortex Assisted Binary Solvents Dispersive Liquid-Liquid Microextraction. <i>Chemistry Letters</i> , <b>2020</b> , 49, 546-549	1.7	0
3	Accurate and Sensitive Analytical Method for the Determination of Cyclanilide in Cotton and Cosmetic Pads at Trace Levels Using the Combination of Vortex Assisted Iron(II,III)/Reduced Graphene Oxide Nanocomposite Based Dispersive Solid Phase Extraction and High Performance Liquid Chromatography (HPLC). <i>Analytical Letters</i> , <b>2020</b> , 53, 2278-2291	2.2	
2	Accurate, sensitive determination of omega-6 and omega-3 polyunsaturated fatty acids in human plasma, urine samples. <i>Biomedical Chromatography</i> , <b>2020</b> , 34, e4951	1.7	
1	Serum Levels of Selected Elements in Patients with Beta Thalassemia Major. <i>Biological Trace Element Research</i> , <b>2021</b> , 1	4.5	