

Elif ztrk Er

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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.

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	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> , 2022 , 1667, 462870	4.5	1
29	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> , 2021 , 1641, 461970	4.5	2
28	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> , 2021 , 75, 4261-4267	1.9	2
27	Serum Levels of Selected Elements in Patients with Beta Thalassemia Major. <i>Biological Trace Element Research</i> , 2021 , 1	4.5	
26	Sodium, Magnesium, Calcium, Manganese, Iron, Copper, and Zinc in Serums of Beta Thalassemia Major Patients. <i>Biological Trace Element Research</i> , 2021 , 199, 888-894	4.5	4
25	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> , 2021 , 6, 2906-2912	1.8	2
24	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> , 2020 , 49, 546-549	1.7	0
23	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> , 2020 , 239, 118394	4.4	3
22	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-Tandem Mass Spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1611, 460612	2.2	
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> , 2020 , 158, 105231	4.8	9
20	A novel determination method for diuron in seaweed samples: Combination of quadruple isotope dilution strategy with liquid chromatography - quadrupole time of flight - tandem mass spectrometry for superior accuracy and precision. <i>Journal of Chromatography A</i> , 2020 , 1611, 460612	4.5	5
19	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> , 2020 , 43, 1100-1106	3.4	6
18	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> , 2020 , 152, 104302	4.8	3
17	Magnetic Nanoparticles Based Solid Phase Extraction Methods for the Determination of Trace Elements. <i>Critical Reviews in Analytical Chemistry</i> , 2020 , 1-19	5.2	18
16	Accurate, sensitive determination of omega-6 and omega-3 polyunsaturated fatty acids in human plasma, urine samples. <i>Biomedical Chromatography</i> , 2020 , 34, e4951	1.7	
15	Hydride generation-flame atomic absorption spectrometric quantification of trace lead after the extraction by fatty acid functionalized Fe ₃ O ₄ nanoparticles assisted dispersive solid-phase extraction: a sensitive, precise and accurate analytical method. <i>Journal of Analytical Atomic Spectrometry</i> , 2020 , 35, 961-966	3.7	2
14	Application of supercritical gel drying method on fabrication of mechanically improved and biologically safe three-component scaffold composed of graphene oxide/chitosan/hydroxyapatite and characterization studies. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 5201-5216	5.5	16

13	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> , 2019 , 191, 339	3.1	3
12	Development of an analytical method based on citric acid coated magnetite nanoparticles assisted dispersive magnetic solid-phase extraction for the enrichment and extraction of sildenafil, tadalafil, vardenafil and avanafil in human plasma and urine prior to determination by LC-MS/MS. <i>Microchemical Journal</i> , 2019 , 146, 606-612	4.8	22
11	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> , 2019 , 146, 606-612	4.6	4
10	Ultrasound-assisted dispersive solid phase extraction based on Fe ₃ O ₄ /reduced graphene oxide nanocomposites for the determination of 4-tert octylphenol and atrazine by gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2019 , 146, 423-428	4.8	26
9	Accurate and sensitive determination of sildenafil, tadalafil, vardenafil, and avanafil in illicit erectile dysfunction medications and human urine by LC with quadrupole-TOF-MS/MS and their behaviors in simulated gastric conditions. <i>Journal of Separation Science</i> , 2019 , 42, 475-483	3.4	21
8	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> , 2018 , 124, 64-71	4.6	3
7	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> , 2018 , 143, 1141-1146	5	12
6	Trace determination of cobalt in biological fluids based on preconcentration with a new competitive ligand using dispersive liquid-liquid microextraction combined with slotted quartz tube-flame atomic absorption spectrophotometry. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 50, 12-18	4.1	16
5	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> , 2018 , 229, 1	2.6	4
4	A novel analytical method for the determination of cadmium in sorrel and rocket plants at ultratrace levels: Magnetic chitosan hydrogels based solid phase microextraction-slotted quartz tube-flame atomic absorption spectrophotometry. <i>Microchemical Journal</i> , 2018 , 143, 393-399	4.8	20
3	Production of biologically safe and mechanically improved reduced graphene oxide/hydroxyapatite composites. <i>Materials Research Express</i> , 2017 , 4, 015601	1.7	14
2	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> , 2017 , 40, 4740-4746	3.4	5
1	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> , 1-12	2.2	1