

# Massoud Kaykhaii

## List of Publications by Year in descending order

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149  
papers

7,392  
citations

136740

32  
h-index

58464

82  
g-index

153  
all docs

153  
docs citations

153  
times ranked

7054  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkyl Monolayers on Silicon Prepared from 1-Alkenes and Hydrogen-Terminated Silicon. <i>Journal of the American Chemical Society</i> , 1995, 117, 3145-3155.	6.6	1,093
2	Superhydrophobic Aligned Polystyrene Nanotube Films with High Adhesive Force. <i>Advanced Materials</i> , 2005, 17, 1977-1981.	11.1	681
3	Statistical theory of component overlap in multicomponent chromatograms. <i>Analytical Chemistry</i> , 1983, 55, 418-424.	3.2	536
4	Peer Reviewed: A Practical Guide to Analytical Method Validation. <i>Analytical Chemistry</i> , 1996, 68, 305A-309A.	3.2	480
5	Functionalized polypyrroles. New molecular materials for electrocatalysis and related applications. <i>Accounts of Chemical Research</i> , 1989, 22, 249-255.	7.6	309
6	Headspace Solvent Microextraction. <i>Analytical Chemistry</i> , 2001, 73, 5651-5654.	3.2	305
7	1-(2-Pyridylazo)-2-naphthol as Possible Analytical Reagent. <i>Analytical Chemistry</i> , 1955, 27, 782-785.	3.2	245
8	In-Tube Molecularly Imprinted Polymer Solid-Phase Microextraction for the Selective Determination of Propranolol. <i>Analytical Chemistry</i> , 2001, 73, 2383-2389.	3.2	215
9	Headspace Liquid-Phase Microextraction of Chlorobenzenes in Soil with Gas Chromatography-Electron Capture Detection. <i>Analytical Chemistry</i> , 2003, 75, 98-103.	3.2	190
10	Essential oils and volatiles: sample preparation and analysis. A review.. <i>Flavour and Fragrance Journal</i> , 2010, 25, 282-290.	1.2	132
11	Extraction of mass spectra free of background and neighboring component contributions from gas chromatography/mass spectrometry data. <i>Analytical Chemistry</i> , 1976, 48, 1368-1375.	3.2	124
12	Solid Phase Photocatalytic Reaction on the Soot/TiO <sub>2</sub> Interface: The Role of Migrating OH Radicals. <i>Journal of Physical Chemistry B</i> , 2002, 106, 11818-11822.	1.2	119
13	Comprehensive two-dimensional gas chromatography-mass spectrometry: Recent evolution and current trends. <i>Mass Spectrometry Reviews</i> , 2016, 35, 524-534.	2.8	100
14	Removal of Dyes from the Environment by Adsorption Process. <i>Chemical and Materials Engineering</i> , 2018, 6, 31-35.	0.7	96
15	Disposable pipette tips extraction: Fundamentals, applications and state of the art. <i>Journal of Separation Science</i> , 2016, 39, 1168-1172.	1.3	91
16	Uptake, tissue distribution, and metabolism of malachite green in the channel catfish ( <i>Ictalurus</i> )	0.7	89
17	Synthesis of UiO-66-OH zirconium metal-organic framework and its application for selective extraction and trace determination of thorium in water samples by spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 194, 76-82.	2.0	80
18	Method for Determination of Methyltert-Butyl Ether and Its Degradation Products in Water. <i>Environmental Science &amp; Technology</i> , 1997, 31, 3723-3726.	4.6	74

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19	Determination of aliphatic amines in water by gas chromatography using headspace solvent microextraction. <i>Talanta</i> , 2005, 65, 223-228.	2.9	72
20	Application of Micro-cloud point extraction for spectrophotometric determination of Malachite green, Crystal violet and Rhodamine B in aqueous samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 164, 93-97.	2.0	72
21	Magnetic Molecularly Imprinted Polymer Particles Synthesized by Suspension Polymerization in Silicone Oil. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1180-1184.	2.0	69
22	A novel green one-step synthesis of gold nanoparticles using crocin and their anti-cancer activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 159, 237-242.	1.7	66
23	Miniaturization and Automation of an Internally Cooled Coated Fiber Device. <i>Analytical Chemistry</i> , 2006, 78, 5222-5226.	3.2	63
24	Application of PSO-artificial neural network and response surface methodology for removal of methylene blue using silver nanoparticles from water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1624-1630.	2.9	63
25	Application of Taguchi L16 design method for comparative study of ability of 3A zeolite in removal of Rhodamine B and Malachite green from environmental water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 164-169.	2.0	57
26	The Mesoporous Porphyrinic Zirconium Metal-Organic Framework for Pipette-Tip Solid-Phase Extraction of Mercury from Fish Samples Followed by Cold Vapor Atomic Absorption Spectrometric Determination. <i>Food Analytical Methods</i> , 2017, 10, 2175-2184.	1.3	45
27	Evaluation of the suitability of low hazard surfactants for the separation of phenols and carotenoids from red-flesh orange juice and olive mill wastewater using cloud point extraction. <i>Journal of Separation Science</i> , 2012, 35, 2665-2670.	1.3	44
28	Comparison of two novel in-syringe dispersive liquid-liquid microextraction techniques for the determination of iodide in water samples using spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 173-179.	2.0	39
29	Recent Developments in Methods of Analysis for Fluoride Determination. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 106-121.	1.8	39
30	The X-ray photoelectron spectroscopy of surface composition of aged mixed copper manganese oxide catalysts. <i>Applied Surface Science</i> , 2005, 239, 246-254.	3.1	37
31	Antioxidant Activity, Phenolic Content, and Peroxide Value of Essential Oil and Extracts of Some Medicinal and Aromatic Plants Used as Condiments and Herbal Teas in Turkey. <i>Journal of Medicinal Food</i> , 2009, 12, 198-202.	0.8	36
32	Application of response surface methodology for silver nanoparticle stir bar sorptive extraction of heavy metals from drinking water samples: a Box-Behnken design. <i>Analyst</i> , 2019, 144, 3525-3532.	1.7	35
33	Supramolecular deep eutectic solvents and their applications. <i>Green Chemistry</i> , 2022, 24, 5035-5045.	4.6	35
34	Comparison of Headspace Solid-phase Microextraction, Headspace Single-drop Microextraction and Hydrodistillation for Chemical Screening of Volatiles in <i>Myrtus Communis</i> L. <i>Phytochemical Analysis</i> , 2012, 23, 379-386.	1.2	31
35	Room temperature ionic liquid-based dispersive liquid-liquid microextraction of uranium in water samples before spectrophotometric determination. <i>Analytical Methods</i> , 2013, 5, 5260.	1.3	31
36	Application of Box-Behnken design in response surface methodology for the molecularly imprinted polymer pipette-tip solid phase extraction of methyl red from seawater samples and its determination by spectrophotometry. <i>Marine Pollution Bulletin</i> , 2018, 137, 306-314.	2.3	31

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37	Preparation and evaluation of solid-phase microextraction fibres based on functionalized latex nanoparticle coatings for trace analysis of inorganic anions. <i>Journal of Chromatography A</i> , 2010, 1217, 3452-3456.	1.8	30
38	Separation of zinc from aqueous samples using a molecular imprinting technique. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 981-992.	1.8	29
39	Rapid and sensitive determination of fluoride in toothpaste and water samples using headspace single drop microextraction-gas chromatography. <i>Analytical Methods</i> , 2013, 5, 5622.	1.3	29
40	Application of Box-Behnken design in the optimization of a simple graphene oxide/zinc oxide nanocomposite-based pipette tip micro-solid phase extraction for the determination of Rhodamine B and Malachite green in seawater samples by spectrophotometry. <i>Analytical Methods</i> , 2018, 10, 5707-5714.	1.3	29
41	Determination of carbamazepine in urine and water samples using amino-functionalized metal-organic framework as sorbent. <i>Chemistry Central Journal</i> , 2018, 12, 77.	2.6	29
42	Quantitative determination of diazepam, nitrazepam and flunitrazepam in tablets using thin-layer chromatography-densitometry technique. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 1185-1189.	1.4	28
43	Determination of methylcyclopentadienyl-manganese tricarbonyl in gasoline and water via ionic-liquid headspace single drop microextraction and electrothermal atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2011, 174, 413-419.	2.5	28
44	Application of ionic liquid-based microwave-assisted extraction of malachite green and crystal violet from water samples. <i>Journal of Separation Science</i> , 2013, 36, 1112-1118.	1.3	28
45	Enantioselective comprehensive two-dimensional gas chromatography. A route to elucidate the authenticity and origin of <i>Rosa damascena</i> Miller essential oils. <i>Journal of Separation Science</i> , 2015, 38, 3397-3403.	1.3	28
46	A simple graphene-based pipette tip solid-phase extraction of malondialdehyde from human plasma and its determination by spectrofluorometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4907-4915.	1.9	28
47	Application of response surface methodology for optimization of metal-organic framework based pipette-tip solid phase extraction of organic dyes from seawater and their determination with HPLC. <i>BMC Chemistry</i> , 2019, 13, 59.	1.6	28
48	Azo dyes: Sources, occurrence, toxicity, sampling, analysis, and their removal methods. , 2022, , 267-287.		28
49	Separation and determination of ciprofloxacin in seawater, human blood plasma and tablet samples using molecularly imprinted polymer pipette tip solid phase extraction and its optimization by response surface methodology. <i>Journal of Separation Science</i> , 2020, 43, 505-513.	1.3	27
50	Molecularly imprinted stir bar sorptive extraction coupled with high-performance liquid chromatography for trace analysis of naphthalene sulfonates in seawater. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 733-741.	1.2	26
51	Box-Behnken design optimization of pipette tip solid phase extraction for methyl orange and acid red determination by spectrophotometry in seawater samples using graphite based magnetic NiFe <sub>2</sub> O <sub>4</sub> decorated exfoliated as sorbent. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 218-227.	2.0	26
52	Imprinted polymer particles for iron uptake: Synthesis, characterization and analytical applications. <i>Polymer Science - Series B</i> , 2009, 51, 344-351.	0.3	25
53	Determination of fluoroacetate and fluoride in blood serum by capillary zone electrophoresis using capacitively coupled contactless conductivity detection. <i>Electrophoresis</i> , 2011, 32, 896-899.	1.3	25
54	Molecularly Imprinted Polymers for Stir Bar Sorptive Extraction: Synthesis, Characterization, and Application. <i>Analytical Letters</i> , 2015, 48, 1815-1829.	1.0	25

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55	New trends in the analysis of the volatile fraction of matrices of vegetable origin: a short overview. A review.. <i>Flavour and Fragrance Journal</i> , 2011, 26, n/a-n/a.	1.2	24
56	Molecularly imprinted stir bar sorptive extraction coupled with atomic absorption spectrometry for trace analysis of copper in drinking water samples. <i>Analytical Methods</i> , 2013, 5, 2778.	1.3	24
57	Alkyl Monolayers on Silica Surfaces Prepared Using Neat, Heated Dimethylmonochlorosilanes with Low Vapor Pressures. <i>Langmuir</i> , 2003, 19, 5169-5171.	1.6	23
58	Determination of fluoride as fluorosilane derivative using reversed-phase HPLC with UV detection for determination of total organic fluorine. <i>Journal of Separation Science</i> , 2010, 33, 2636-2644.	1.3	23
59	Application of a smartphone based spectrophotometer for rapid in-field determination of nitrite and chlorine in environmental water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117672.	2.0	23
60	Salt saturated single drop microextraction of gold from water samples and its determination by graphite furnace atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 875.	1.6	22
61	Porous, High Capacity Coatings for Solid Phase Microextraction by Sputtering. <i>Analytical Chemistry</i> , 2016, 88, 1593-1600.	3.2	22
62	Application of response surface methodology to optimize pipette tip micro-solid phase extraction of dyes from seawater by molecularly imprinted polymer and their determination by HPLC. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2613-2627.	1.2	22
63	Multidimensional Gas Chromatography in Essential Oil Analysis. Part 2: Application to Characterisation and Identification. <i>Chromatographia</i> , 2019, 82, 399-414.	0.7	22
64	Solid-Phase Microextraction for the Determination of Inorganic Ions: Applications and Possibilities. <i>Analytical Letters</i> , 2010, 43, 1546-1555.	1.0	21
65	Developing a New Micro Cloud Point Extraction Method for Simultaneous Preconcentration and Spectrophotometric Determination of Uranium and Vanadium in Brine. <i>Analytical Sciences</i> , 2015, 31, 407-411.	0.8	21
66	Determination of nicotine in saliva, urine and wastewater samples using tantalum metal organic framework pipette tip micro-solid phase extraction. <i>Analytical Methods</i> , 2019, 11, 6168-6175.	1.3	21
67	Rapid and sensitive determination of acrylamide in potato crisps using reversed-phase direct immersion single drop microextraction-gas chromatography. <i>Analytical Methods</i> , 2013, 5, 1289.	1.3	20
68	Fischer-Tropsch synthesis: Studies effect of reduction variables on the performance of Fe-Ni-Co catalyst. <i>Journal of Natural Gas Science and Engineering</i> , 2014, 18, 484-491.	2.1	20
69	Multidimensional Gas Chromatography in Essential Oil Analysis. Part 1: Technical Developments. <i>Chromatographia</i> , 2019, 82, 377-398.	0.7	20
70	Liquid Crystals in Analytical Chemistry: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2019, 49, 243-255.	1.8	20
71	Determination of Zinc, Copper, and Mercury in Water Samples by Using Novel Micro Cloud Point Extraction and UV-Vis Spectrophotometry. <i>Eurasian Journal of Analytical Chemistry</i> , 2016, 12, 313-324.	0.4	20
72	Solid-phase microextraction and ion chromatographic analysis of anions based on polypyrrole electrode. <i>Journal of Applied Polymer Science</i> , 2008, 108, 3298-3304.	1.3	19

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73	Magnetic molecularly imprinted polymer nanoparticles for selective extraction of copper from aqueous solutions prior to its flame atomic absorption determination. <i>Journal of Analytical Chemistry</i> , 2015, 70, 1325-1329.	0.4	19
74	A Fast and Validated Method for the Determination of Malondialdehyde in Fish Liver Using High-Performance Liquid Chromatography with a Photodiode Array Detector. <i>Journal of Food Science</i> , 2014, 79, C484-8.	1.5	18
75	A rapid spectrofluorimetric method for the determination of malondialdehyde in human plasma after its derivatization with thiobarbituric acid and vortex assisted liquid-liquid microextraction. <i>RSC Advances</i> , 2016, 6, 2361-2367.	1.7	18
76	Analysis of essential oils through comprehensive two-dimensional gas chromatography: General utility. <i>Flavour and Fragrance Journal</i> , 2017, 32, 218-227.	1.2	18
77	Headspace liquid phase microextraction for quantitation of hexanal in potato crisps by gas chromatography. <i>Journal of Separation Science</i> , 2007, 30, 573-578.	1.3	17
78	Application of In-Syringe Dispersive Liquid-Liquid Microextraction and Narrow-Bore Tube Dispersive Liquid-Liquid Microextraction for the Determination of Trace Amounts of BTEX in Water Samples. <i>Journal of Chromatographic Science</i> , 2015, 53, 1210-1216.	0.7	17
79	Determination of mefenamic acid in urine and pharmaceutical samples by HPLC after pipette-tip solid phase microextraction using zinc sulfide modified carbon nanotubes. <i>Analytical Methods</i> , 2016, 8, 5978-5983.	1.3	17
80	Simultaneous determination of droxidopa and carbidopa by carbon paste electrode functionalized with NiFe <sub>2</sub> O <sub>4</sub> nanoparticle and 2-(4-ferrocenyl-[1,2,3]triazol-1-yl)-1-(naphthalen-2-yl) ethanone. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 155, 107522.	2.5	17
81	Recent developments in the determination of residual solvents in pharmaceutical products by microextraction methods. <i>Analytical Methods</i> , 2015, 7, 8511-8523.	1.3	16
82	Particle swarm optimization-artificial neural network modeling and optimization of leachable zinc from flour samples by miniaturized homogenous liquid-liquid microextraction. <i>Journal of Food Composition and Analysis</i> , 2014, 33, 32-38.	1.9	15
83	Development of UV/H <sub>2</sub> O <sub>2</sub> /TiO <sub>2</sub> -LECA hybrid process based on operating cost: Application of an effective fixed bed photo-catalytic recycled reactor. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 44, 90-98.	2.9	15
84	Fabrication of a Smartphone-Based Spectrophotometer and Its Application in Monitoring Concentrations of Organic Dyes. <i>ACS Omega</i> , 2020, 5, 31450-31455.	1.6	15
85	Continuous Monitoring of Thermooxidative Degradation Products of Polystyrene by Membrane Extraction with Sorbent Interface and Gas Chromatography. <i>Journal of Chromatographic Science</i> , 2002, 40, 350-354.	0.7	14
86	Polyallylamine as an Adhesion Promoter for SU-8 Photoresist. <i>Microscopy and Microanalysis</i> , 2016, 22, 964-970.	0.2	14
87	Enantioselective comprehensive two-dimensional gas chromatography of lavender essential oil. <i>Journal of Separation Science</i> , 2016, 39, 4765-4772.	1.3	14
88	Nanoparticle coatings for stir bar sorptive extraction, synthesis, characterization and application. <i>Talanta</i> , 2021, 221, 121568.	2.9	14
89	Selective Photocatalytic Oxidation of 4-Methoxybenzyl Alcohol to p-Anisaldehyde in Organic-Free Water in a Continuous Annular Fixed Bed Reactor. <i>International Journal of Chemical Reactor Engineering</i> , 2007, 5, .	0.6	13
90	Application of Microextraction Techniques Including SPME and MESI to the Thermal Degradation of Polymers: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 172-186.	1.8	13

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91	Investigating the Essential Oil Composition of <i>Rosmarinus officinalis</i> Before and After Fertilizing with Vermicompost. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 1413-1417.	0.7	13
92	Highly Sensitive Determination of Bisphenol A in Bottled Water Samples by HPLC after Its Extraction by a Novel Th-MOF Pipette-Tip Micro-SPE. <i>Journal of Chromatographic Science</i> , 2020, 58, 373-382.	0.7	13
93	Sputtered silicon solid phase microextraction fibers with a polydimethylsiloxane stationary phase with negligible carry-over and phase bleed. <i>Journal of Chromatography A</i> , 2020, 1623, 461065.	1.8	13
94	Antiaflatoxic activity of <i>Carum copticum</i> essential oil. <i>Environmental Chemistry Letters</i> , 2014, 12, 231-234.	8.3	12
95	Comparison of Air-Assisted, Vortex-Assisted and Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction for the Determination of BTEX Compounds in Water Samples Prior to GC-FID Analysis. <i>Chromatographia</i> , 2017, 80, 109-117.	0.7	12
96	Evaluation of Eucalyptus leaves as an adsorbent for decolorization of Methyl Violet (2B) dye in contaminated waters: Thermodynamic and Kinetics model. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 825-829.	1.9	12
97	SPECTROPHOTOMETRIC DETERMINATION OF FOUR NAPHTHALENE SULFONATES IN SEAWATER AFTER THEIR MOLECULARLY IMPRINTED STIR BAR SORPTIVE EXTRACTION. <i>Journal of the Chilean Chemical Society</i> , 2018, 63, 4057-4063.	0.5	12
98	Direct Screening of Water Samples for Benzene Hydrocarbon Compounds by Headspace Liquid-Phase Microextraction-Gas Chromatography. <i>Journal of Chromatographic Science</i> , 2008, 46, 413-418.	0.7	11
99	Salt saturated single-drop microextraction of malondialdehyde from human plasma before its determination by gas chromatography. <i>Analytical Methods</i> , 2016, 8, 2456-2462.	1.3	11
100	DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL SAMPLES USING ULTRASONIC PROBE AND SALT-ASSISTED LIQUID-LIQUID EXTRACTION COUPLED WITH HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of the Chilean Chemical Society</i> , 2019, 64, 4332-4336.	0.5	11
101	Application of an iron-based porphyrinic metal-organic framework for removal of warfarin from aqueous solutions. <i>Analytical Methods</i> , 2020, 12, 651-656.	1.3	11
102	Application of molecularly imprinted polymer pipette tip micro-solid phase extraction of nalidixic acid and acetaminophen from pills and seawater samples and their determination by spectrophotometry. <i>Chemical Papers</i> , 2020, 74, 4009-4023.	1.0	11
103	Direct screening of ground water samples for fuel oxygenates by headspace liquid phase microextraction-gas chromatography. <i>Environmental Monitoring and Assessment</i> , 2008, 147, 211-222.	1.3	10
104	Carbon-Coated Tellurium for Optical Data Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 2373-2376.	4.0	10
105	Determination of butyltin stabilizers in PVC using Liquid-Phase microextraction with electrothermal atomic absorption spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 374-381.	1.2	10
106	Developments in Methods of Analysis for Naphthalene Sulfonates. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 127-137.	1.8	10
107	Using pattern recognition entropy to select mass chromatograms to prepare total ion current chromatograms from raw liquid chromatography-mass spectrometry data. <i>Journal of Chromatography A</i> , 2018, 1558, 21-28.	1.8	10
108	Simultaneous elimination of Malachite Green, Rhodamine B and Cresol Red from aqueous sample with Sistan sand, optimized by Taguchi L16 and Plackett-Burman experiment design methods. <i>Chemistry Central Journal</i> , 2018, 12, 116.	2.6	10

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109	Carbon Paste Electrode Modified with ZrO <sub>2</sub> Nanoparticles and Ionic Liquid for Sensing of Dopamine in the Presence of Uric Acid. <i>Journal of Analytical Chemistry</i> , 2018, 73, 685-694.	0.4	10
110	An electrochemical interface for direct analysis of amlodipine in tablets and human blood samples. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 263, 114868.	1.7	10
111	Membrane extraction with sorbent interface-gas chromatography as an effective and fast means for continuous monitoring of thermal degradation products of polyacrylonitrile. <i>Analyst</i> , The, 2002, 127, 912-916.	1.7	9
112	Comparison of single best artificial neural network and neural network ensemble in modeling of palladium microextraction. <i>Monatshefte für Chemie</i> , 2015, 146, 1217-1227.	0.9	9
113	The simultaneous detection of food dyes from different samples in a 96-well plate by spectrophotometry. <i>Analytical Methods</i> , 2019, 11, 5793-5802.	1.3	8
114	Determination of profenofos in seawater and foodstuff samples after its molecularly imprinted polymer pipette-tip micro solid phase extraction optimized by response surface methodology. <i>BMC Chemistry</i> , 2022, 16, 12.	1.6	8
115	Comparison of Headspace-Single Drop Microextraction and Dispersive Liquid-Liquid Microextraction for Determination of Benzene in Juice Drinks Containing Vitamin C. <i>Chromatographia</i> , 2016, 79, 781-785.	0.7	7
116	Determination of ( <i>S</i> )-warfarin using an activated screen printed gold electrode modified with gold nanoparticles and an enantioselective molecularly imprinted polymer. <i>Analytical Methods</i> , 2017, 9, 6583-6589.	1.3	7
117	Fast determination of bisphenol A in spiked juice and drinking water samples by pipette tip solid phase extraction using cobalt metal organic framework as sorbent. <i>Bulletin of the Chemical Society of Ethiopia</i> , 2018, 32, 595.	0.5	7
118	A Novel Electrochemical Sensor Based on Graphene Oxide Nanosheets and Ionic Liquid Binder for Differential Pulse Voltammetric Determination of Droxidopa in Pharmaceutical and Urine Samples. <i>Russian Journal of Electrochemistry</i> , 2019, 55, 1229-1236.	0.3	7
119	PCN-222 metal-organic framework: a selective and highly efficient sorbent for the extraction of aspartame from gum, juice, and diet soft drink before its spectrophotometric determination. <i>BMC Chemistry</i> , 2020, 14, 19.	1.6	7
120	Rapid assessment of iron in blood plasma and serum by spectrophotometry with cloud-point extraction. <i>F1000Research</i> , 2015, 4, 623.	0.8	7
121	Chromium-based metal organic framework for pipette tip micro-solid phase extraction: an effective approach for determination of methyl and propyl parabens in wastewater and shampoo samples. <i>BMC Chemistry</i> , 2021, 15, 60.	1.6	7
122	Development of a solventless stir bar sorptive extraction/thermal desorption large volume injection capillary gas chromatographic-mass spectrometric method for ultra-trace determination of pyrethroids pesticides in river and tap water samples. <i>Open Chemistry</i> , 2020, 18, 1339-1348.	1.0	7
123	Essential Oil Analysis of Irradiated Spices by Using Comprehensive Two-Dimensional Gas Chromatography. <i>ChemPlusChem</i> , 2014, 79, 798-803.	1.3	6
124	Micro-cloud point extraction for preconcentration of Aspirin in commercial tablets prior to spectrophotometric determination. <i>Journal of Analytical Chemistry</i> , 2016, 71, 844-848.	0.4	6
125	Simultaneous Removal of Heavy Metals from Wastewater Using Modified Sodium Montmorillonite Nanoclay. <i>Analytical Sciences</i> , 2020, 36, 1039-1043.	0.8	6
126	APPLICATION OF RESPONSE SURFACE MODELING FOR OPTIMIZATION AND DETERMINATION OF MALONDIALDEHYDE BY VORTEX-ASSISTED DISPERSIVE LIQUID-LIQUID MICROEXTRACTION AND GC-FID. <i>Journal of the Chilean Chemical Society</i> , 2019, 64, 4531-4537.	0.5	6



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127	Synthesis, characterization and application of a zirconium-based MOF-808 functionalized with isonicotinic acid for fast and efficient solid phase extraction of uranium(VI) from wastewater prior to its spectrophotometric determination. <i>BMC Chemistry</i> , 2022, 16, 27.	1.6	6
128	Co-microprecipitation/flotation of trace amounts of cadmium from environmental samples through its complexation with iodide and neutralization with cetyltrimethylammonium bromide in the presence of perchlorate ions. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 1365-1374.	1.8	5
129	Surface-orientated platinum nanoparticles electrodeposited on a carbon substrate as a high performance electrocatalyst for glucose oxidation reaction in alkaline media. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 268, 115147.	1.7	5
130	Application of Dispersive Liquid-Liquid Microextraction in Narrow-Bore Tube for Preconcentration and Spectrophotometric Determination of Cadmium in Aqueous Samples. <i>Eurasian Journal of Analytical Chemistry</i> , 2016, 12, 197-209.	0.4	5
131	Optimization of Affective Parameter on Cadmium Removal From an Aqueous Solution by <i>Citrullus colocynthis</i> Powdered Fruits by Response Surface. <i>Health Scope</i> , 2015, 4, .	0.4	5
132	Modern Sample Preparation Techniques: A Brief Introduction. , 0, , .		5
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