Rouhollah Heydari

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Graphene oxide/polydopamine-polyacrylamide nanocomposite as a sorbent for dispersive micro-solid phase extraction of diazinon from environmental and food samples and its determination by HPLC-UV detection. International Journal of Environmental Analytical Chemistry, 2023, 103, 7431-7446.	3.3	4
2	Fouling alleviation and enhanced salt rejection in NF membranes via incorporation of 5-amino-1-phenyl-3-(thiophen-2-yl)-1H-pyrazole-4‑carbonitrile functionalized pectin in PES matrix. Journal of Water Process Engineering, 2022, 48, 102888.	5.6	4
3	Determination of 2,4-Dichlorophenoxyacetic Acid in Water and Edible Seeds Samples Using Salt-Assisted Liquid-Liquid Extraction Coupled with High-Performance Liquid Chromatography. Food Analytical Methods, 2021, 14, 561-567.	2.6	7
4	Spectrophotometric determination of trace amounts of Sb(III) and Sb(V) in water and biological samples by in-tube dispersive liquid–liquid microextraction and air-assisted liquid–liquid microextraction. Chemical Papers, 2021, 75, 6499-6508.	2.2	13
5	High-performance nanofiltration membranes consisting of the new functionalized mesoporous for enhanced antifouling attributes and simultaneous removal of salts, dyes and heavy metals. Environmental Technology and Innovation, 2021, 24, 101929.	6.1	11
6	Dispersive micro-solid phase extraction in micro-channel. Microchemical Journal, 2021, 170, 106676.	4.5	26
7	Determination of paraquat in environmental samples using salt-assisted liquid-liquid extraction coupled with microchannel and HPLC. International Journal of Environmental Analytical Chemistry, 2020, 100, 1325-1335.	3.3	11
8	Determination of 2,4-Dichlorophenoxyacetic acid in food and water samples using a modified graphene oxide sorbent and high-performance liquid chromatography. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 293-300.	1.5	30
9	Determination of diazinon in water and food samples using magnetic solidâ€phase extraction coupled with liquid chromatography. Separation Science Plus, 2020, 3, 428-437.	0.6	6
10	Simultaneous determination of paracetamol and caffeine in aqueous samples by ultrasoundâ€assisted emulsification microextraction coupled with highâ€performance liquid chromatography. Separation Science Plus, 2020, 3, 561-570.	0.6	7
11	Synthesis, X-ray crystal structure, thermal behavior and evaluation as an <i>inÂvitro</i> cytotoxic agent of a tin(IV) complex containing dipicolinic acid. Journal of Coordination Chemistry, 2020, 73, 2347-2362.	2.2	15
12	Synthesis, crystallographic studies, electrochemical and in vitro cytotoxicity properties of two Mn‌(II) and U(IV) complexes containing dipicolinic acid and 4-dimethylaminopyridine. Polyhedron, 2020, 181, 114477.	2.2	17
13	REMOVAL OF REACTIVE RED 198 FROM AQUEOUS SOLUTIONS USING MODIFIED CLAY: OPTIMIZATION, KINETIC AND ISOTHERM. Journal of the Chilean Chemical Society, 2020, 65, 4958-4961.	1.2	7
14	Saltâ€assisted liquid–liquid extraction in microchannel. Journal of Separation Science, 2019, 42, 3217-3224.	2.5	19
15	Study of angiotensin-converting enzyme insertion/deletion polymorphism, enzyme activity and oxidized low density lipoprotein in Western Iranians with atherosclerosis: a case-control study. BMC Cardiovascular Disorders, 2019, 19, 184.	1.7	9
16	Ultrasound-Assisted Matrix Solid-Phase Dispersion Coupled with Reversed-Phase Dispersive Liquid–Liquid Microextraction for Determination of Vitamin C in Various Matrices. Food Analytical Methods, 2019, 12, 1949-1956.	2.6	27
17	Determination of quercetin using a molecularly imprinted polymer as solid-phase microextraction sorbent and high-performance liquid chromatography. Microchemical Journal, 2019, 148, 433-441.	4.5	62
18	Spanish olive leaf extractâ€loaded nanostructured lipid carriers: Production and physicochemical characterization by Zetasizer, FTâ€lR, DTA/TGA, FEâ€SEM and XRD. Journal of Food Processing and Preservation, 2019, 43, e13994.	2.0	8

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19	DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL SAMPLES USING ULTRASONIC PROBE AND SALT-ASSISTED LIQUID-LIQUID EXTRACTION COUPLED WITH HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. Journal of the Chilean Chemical Society, 2019, 64, 4332-4336.	1.2	11
20	Pectin/Chitosan/Tripolyphosphate Nanoparticles: Efficient Carriers for Reducing Soil Sorption, Cytotoxicity, and Mutagenicity of Paraquat and Enhancing Its Herbicide Activity. Journal of Agricultural and Food Chemistry, 2019, 67, 5736-5745.	5.2	76
21	Photocatalytic Degradation of Diazinon in Aqueous Solutions Using Immobilized MgO Nanoparticles on Concrete. International Journal of Chemical Reactor Engineering, 2019, 17, .	1.1	12
22	Energy consumption and photochemical degradation of Imipenem/Cilastatin antibiotic by process of UVC/ Fe2+/ H2O2 through response surface methodology. Optik, 2019, 182, 1194-1203.	2.9	29
23	Antibacterial Activity of Fe ₃ O ₄ /Cu Nanocomposite: Green Synthesis Using <i>Carum carvi L</i> . Seeds Aqueous Extract. ChemistrySelect, 2019, 4, 531-535.	1.5	27
24	Salt-assisted liquid–liquid extraction coupled with reversed-phase dispersive liquid–liquid microextraction for sensitive HPLC determination of paraquat in environmental and food samples. Journal of Food Measurement and Characterization, 2019, 13, 269-276.	3.2	43
25	Phytochemical Profiles and Antibacterial Activities of Hydroalcoholic Extracts of Origanum vulgare and Hypericum perforatum and Carvacrol and Hypericin as a Promising Anti-Staphylococcus aureus. Mini-Reviews in Medicinal Chemistry, 2019, 19, 923-932.	2.4	11
26	Synthesis and evaluation of the antibacterial effect of titanium dioxide nanoparticles in comparison with ampicillin, colistin, and ertapenem on Staphylococcus aureus. Journal of Pharmaceutical Negative Results, 2019, 10, 16.	0.2	10
27	Investigating the physicochemical, sensory and microbial properties of plant-based protein products (meat-free burgers) formulated using various Vicia ervilia (L.) Willd. protein isolates. Plant Science Today, 2019, 6, 346-355.	0.7	2
28	Determination of Cu, Cd, Ni, Pb and Zn in Edible Oils Using Reversed-Phase Ultrasonic Assisted Liquid–Liquid Microextraction and Flame Atomic Absorption Spectrometry. Journal of Analytical Chemistry, 2018, 73, 30-35.	0.9	44
29	Cationic Surfactant-modified Clay as an Adsorbent for the Removal of Synthetic Dyes from Aqueous Solutions. International Journal of Chemical Reactor Engineering, 2018, 16, .	1.1	24
30	Polyaniline/graphene oxide nanocomposite as a sorbent for extraction and determination of nicotine using headspace solid-phase microextraction and gas chromatography–flame ionization detector. Journal of the Iranian Chemical Society, 2018, 15, 1593-1601.	2.2	29
31	Experimental data of electric coagulation and photo-electro-phenton process efficiency in the removal of metronidazole antibiotic from aqueous solution. Data in Brief, 2018, 18, 96-101.	1.0	16
32	Simultaneous Determination of Zidovudine and Lamivudine in Plasma Samples Using Miniaturized Homogenous Liquid–Liquid Extraction and High-Performance Liquid Chromatography. Journal of Analytical Chemistry, 2018, 73, 1105-1110.	0.9	19
33	Data on the bisphenol A adsorption from aqueous solutions on PAC and MgO~PAC crystals. Data in Brief, 2018, 21, 746-752.	1.0	23
34	Semi-automated salt-assisted liquid–liquid extraction coupled to high-performance liquid chromatography to determine three aromatic hydrocarbons in aqueous samples. Journal of the Iranian Chemical Society, 2017, 14, 1691-1698.	2.2	9
35	Solvent-vapor-assisted liquid-liquid microextraction: A novel method for the determination of phthalate esters in aqueous samples using GC-MS. Journal of Separation Science, 2017, 40, 4394-4402.	2.5	17
36	Determination of the Fatty Acid Composition of Amygdalus scoparia Kernels from Iran Using Gas Chromatography-Mass Spectrometry. Chemistry of Natural Compounds, 2017, 53, 538-539.	0.8	4

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37	Two Synthetic Methods for Preparation of Chiral Stationary Phases Using Crystalline Degradation Products of Vancomycin: Column Performance for Enantioseparation of Acidic and Basic Drugs. AAPS PharmSciTech, 2017, 18, 1855-1862.	3.3	5
38	SIMULTANEOUS DETERMINATION OF SACCHARINE, CAFFEINE, SALICYLIC ACID AND BENZOIC ACID IN DIFFERENT MATRIXES BY SALT AND AIR-ASSISTED HOMOGENEOUS LIQUID-LIQUID EXTRACTION AND HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. Journal of the Chilean Chemical Society, 2016, 61, 3090-3094.	1.2	21
39	Monitoring the oleuropein content of olive leaves and fruits using ultrasound―and saltâ€assisted liquid–liquid extraction optimized by response surface methodology and highâ€performance liquid chromatography. Journal of Separation Science, 2016, 39, 405-411.	2.5	33
40	Binding studies of the antiâ€retroviral drug, efavirenz to calf thymus DNA using spectroscopic and voltammetric techniques. Luminescence, 2016, 31, 108-117.	2.9	33
41	Low-cost sorbent for the removal of aniline and methyl orange from liquid-phase: Aloe Vera leaves wastes. Journal of the Taiwan Institute of Chemical Engineers, 2016, 68, 90-98.	5.3	55
42	Preparation of a novel pH optical sensor using orange (II) based on agarose membrane as support. Materials Science and Engineering C, 2016, 61, 333-337.	7.3	16
43	Enantiomeric Separation and Quantitation of Tenofovir Disoproxil Fumarate Using Amylose-Based Chiral Stationary Phases by High-Performance Liquid Chromatography. Acta Chromatographica, 2015, 27, 583-595.	1.3	8
44	Green Synthesis of Silver Nanoparticles Using Extract of Oak Fruit Hull (Jaft): Synthesis and In Vitro Cytotoxic Effect on MCF-7 Cells. International Journal of Breast Cancer, 2015, 2015, 1-6.	1.2	122
45	Ultrasound and salt-assisted liquid–liquid extraction as an efficient method for natural product extraction. Analytical Methods, 2015, 7, 3253-3259.	2.7	34
46	Rapid Enantiomeric Separation and Quantitation of Levetiracetam on α-Acid Glycoprotein (AGP) Chiral Stationary Phase by High-Performance Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2015, 98, 1529-1534.	1.5	4
47	A simple method for determination of carmine in food samples based on cloud point extraction and spectrophotometric detection. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 786-791.	3.9	45
48	Oleuropein extraction using microfluidic system. Chemical Engineering and Processing: Process Intensification, 2015, 92, 1-6.	3.6	26
49	Reversedâ€phase vortexâ€assisted liquid–liquid microextraction: A new sample preparation method for the determination of amygdalin in oil and kernel samples. Journal of Separation Science, 2015, 38, 663-669.	2.5	35
50	Rapid monitoring of carvacrol in plants and herbal medicines using matrix solid-phase dispersion and gas chromatography flame ionisation detector. Natural Product Research, 2015, 29, 621-627.	1.8	24
51	Rapid Monitoring and Determination of Class 1 Residual Solvents in Pharmaceuticals Using Dispersive Liquid–Liquid Microextraction and Gas Chromatography–Mass Spectrometry. Journal of Chromatographic Science, 2015, 53, 1020-1025.	1.4	23
52	Polyethersulfone membrane enhanced with iron oxide nanoparticles for copper removal from water: Application of new functionalized Fe3O4 nanoparticles. Chemical Engineering Journal, 2015, 263, 101-112.	12.7	229
53	Rapid Screening of Oleuropein from Olive Leaves Using Matrix Solid-Phase Dispersion and High-Performance Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2014, 97, 1109-1113.	1.5	24
54	A novel pH optical sensor using methyl orange based on triacetylcellulose membranes as support. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 864-867.	3.9	21

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55	Ion-pair cloud-point extraction: A new method for the determination of water-soluble vitamins in plasma and urine. Journal of Separation Science, 2014, 37, 2724-2731.	2.5	39
56	Development of combined salt- and air-assisted liquid–liquid microextraction as a novel sample preparation technique. Analytical Methods, 2014, 6, 8469-8475.	2.7	38
57	Vortex and air assisted liquid–liquid microextraction as a sample preparation method for high-performed liquid chromatography determinations. Talanta, 2014, 130, 171-176.	5.5	42
58	Biosynthesis of silver nanoparticles using extract of olive leaf: synthesis and in vitro cytotoxic effect on MCF-7 cells. Journal of Nanostructure in Chemistry, 2014, 4, 1.	9.1	51
59	Determination of Efavirenz in Plasma by Dispersive Liquid-Liquid Microextraction Coupled to High-Performance Liquid Chromatography. Current Analytical Chemistry, 2014, 10, 280-287.	1.2	32
60	Simultaneous Determination of EDTA, Sorbic Acid, and Diclofenac Sodium in Pharmaceutical Preparations Using High-Performance Liquid Chromatography. AAPS PharmSciTech, 2013, 14, 764-769.	3.3	13
61	Determination of gabapentin in human plasma using simultaneous cloud point extraction and precolumn derivatization by HPLC. Monatshefte FÃ1/4r Chemie, 2013, 144, 773-779.	1.8	21
62	Thermal Stability and Decomposition Kinetic Studies of Acyclovir and Zidovudine Drug Compounds. AAPS PharmSciTech, 2013, 14, 287-293.	3.3	48
63	Residual Solvents Determination in Pharmaceuticals by Static Headspace-Gas Chromatography and Headspace Liquid-Phase Microextraction Gas Chromatography. Analytical Letters, 2012, 45, 1875-1884.	1.8	28
64	Oleuropein protects against ethanol-induced oxidative stress and modulates sperm quality in the rat testis. Mediterranean Journal of Nutrition and Metabolism, 2012, 5, 205-211.	0.5	31
65	Simultaneous determination of carbazole-based explosives in environmental waters by dispersive liquid—liquid microextraction coupled to HPLC with UV-Vis detection. Mikrochimica Acta, 2012, 177, 145-152.	5.0	52
66	DEVELOPMENT AND VALIDATION OF A NEW HIGH PERFORMANCE LIQUID CHROMATOGRAPHIC METHOD FOR ENANTIOSEPARATION OF DORZOLAMIDE HYDROCHLORIDE ON A COATED CELLULOSE PHENYLCARBAMATE CHIRAL STATIONARY PHASE. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 1367-1380	1.0	8
67	A New Spectrophotometric Method for Determination of Selenium in Cosmetic and Pharmaceutical Preparations after Preconcentration with Cloud Point Extraction. International Journal of Analytical Chemistry, 2011, 2011, 1-8.	1.0	28
68	Chiral separation and quantitation of dorzolamide hydrochloride enantiomers by highâ€performance liquid chromatography. Journal of Separation Science, 2010, 33, 2328-2333.	2.5	5
69	A New HPLC Method for the Simultaneous Determination of Acetaminophen, Phenylephrine, Dextromethorphan and Chlorpheniramine in Pharmaceutical Formulations. Analytical Letters, 2008, 41, 965-976.	1.8	38
70	Study of New Extraction Methods for Separation of Anthocyanins from Red Grape Skins: Analysis by HPLC and LC-MS/MS. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 2686-2703.	1.0	45
71	Rapid essential oil screening ofRosmarinus officinalis L. by hydrodistillation–headspace solvent microextraction. Flavour and Fragrance Journal, 2007, 22, 280-285.	2.6	18
72	Determination of N-vinyl-2-pyrrolidone and N-methyl-2-pyrrolidone in drugs using polypyrrole-based headspace solid-phase microextraction and gas chromatography–nitrogen-phosphorous detection. Analytica Chimica Acta, 2007, 587, 82-88.	5.4	34

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73	Hydrodistillation-headspace solvent microextraction, a new method for analysis of the essential oil components of Lavandula angustifolia Mill Journal of Chromatography A, 2005, 1098, 14-18.	3.7	110
74	Composition of the Essential Oil of Rhabdosciadium strausii from Iran. Chemistry of Natural Compounds, 2005, 41, 413-414.	0.8	7
75	Catalytic ozonation process using MgO-PAC to degrade bisphenol A from aqueous solutions. , 0, 184, 232-242.		3
76	Determination of 2,4â€dichlorophenoxyacetic acid in environmental and food samples using saltâ€assisted liquidâ€liquid extraction coupled with microâ€channel and highâ€performance liquid chromatography. Separation Science Plus, 0, , .	0.6	1
77	Composition of the essential oils, antioxidant and antibacterial activities of the methanolic extract of <i>Prangos uloptera</i> . Immunopathologia Persa, 0, , .	0.9	0