Azizollah Nezhadali

List of Publications by Year
in descending order

52 papers	942 citations

361413

20 h-index	

477307

29 g-index	

52 all docs	52 docs citations	52 times ranked	1022 citing authors

#	Article	IF	Citations
1	Nanomolar detection of lansoprazole: computational–assisted to monomer–templet complex study based on molecularly imprinted polymer and electrochemical determination. Chemical Papers, 2022, 76, 1185-1198.	2.2	3
2	Application of gas flow headspace liquid phase micro extraction coupled with gas chromatography-mass spectrometry for determination of 4-methylimidazole in food samples employing experimental design optimization. BMC Chemistry, 2022, 16, 29.	3.8	3
3	Combining of modified QuEChERS and dispersive liquid–liquid microextraction as an efficient sample preparation method for extraction of acetamiprid and imidacloprid from pistachio samples. Journal of the Iranian Chemical Society, 2021, 18, 641-649.	2.2	13
4	Determination of salicylic acid using a highly sensitive and new electroanalytical sensor. Current Analytical Chemistry, 2021, 17, .	1.2	2
5	Ultrasound-Assisted Dispersive Liquid–Liquid Microextraction (DLLME) Based on Solidification of Floating Organic Drop Using a Deep Eutectic Solvent for Simultaneous Preconcentration and Determination of Nickel and Cobalt in Food and Water Samples. Analytical Letters, 2021, 54, 2863-2873.	1.8	15
6	Synthesis of polypyrrole – chitosan magnetic nanocomposite for the removal of carbamazepine from wastewater: Adsorption isotherm and kinetic study. Journal of Environmental Chemical Engineering, 2021, 9, 105648.	6.7	52
7	Computer-aided study and multivariate optimization of nanomolar metformin hydrochloride analysis using molecularly imprinted polymer electrochemical sensor based on silver nanoparticles. Journal of Materials Science: Materials in Electronics, 2021, 32, 27171-27183.	2.2	5
8	A new molecularly imprinted polymer for selective extraction and pre–concentration of guaifenesin in different samples: Adsorption studies and kinetic modeling. Journal of Separation Science, 2020, 43, 1164-1172.	2.5	4
9	Selective determination of closantel by artificial neural network-genetic algorithm optimized molecularly imprinted polypyrrole using UV–visible spectrophotometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 243, 118779.	3.9	9
10	Application of the Taguchi Method and Central Composite Design for the Highly Selective and Efficient Extraction of Cu(II) ions from an Aqueous Solution Containing Mn(II), Co(II), Ni(II), Zn(II), Cu(II), and Pb(II) ions Mixture Using Benzyl Bis(thiosemicarbazone). Chemistry Africa, 2020, 3, 1001-1008.	2.4	1
11	Melamine Recognition: Molecularly Imprinted Polymer for Selective and Sensitive Determination of Melamine in Food Samples. International Journal of Analytical Chemistry, 2020, 2020, 1-10.	1.0	11
12	Anti–cancer combination therapy by co–delivery of hydrophilic and hydrophobic using dual temperature and pH–responsive liposomes. Micro and Nano Letters, 2020, 15, 1065-1070.	1.3	6
13	A Conductometric Study of Complexation Reactions between Kryptofix5 with Al3+, Fe3+, Cu2+, and Ca2+ Metal Cations in Acetonitrile–Ethanol Binary Solvent Solutions. Russian Journal of Physical Chemistry A, 2020, 94, 2703-2709.	0.6	0
14	Multivariate optimization of mebeverine analysis using molecularly imprinted polymer electrochemical sensor based on silver nanoparticles. Journal of Food and Drug Analysis, 2019, 27, 305-314.	1.9	25
15	An overview on pollutants removal from aqueous solutions via bulk liquid membranes (BLMs): Parameters that influence the effectiveness, selectivity and transport kinetic. Journal of Environmental Chemical Engineering, 2019, 7, 103339.	6.7	13
16	Nanogram/mL detection of nortriptyline: Preparation of a molecularly imprinted polymer for spectrophotometric determination of nortriptyline based on multivariate optimization methods. Journal of Separation Science, 2019, 42, 3479-3486.	2.5	4
17	Screen printed carbon electrode sensor with thiol graphene quantum dots and gold nanoparticles for voltammetric determination of solatol. Heliyon, 2019, 5, e01984.	3.2	23
18	Investigation of copper corrosion in sodium chloride solution by using a new coating of polystyrene/g-C3N4. Journal of Materials Science: Materials in Electronics, 2019, 30, 6300-6310.	2.2	11

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19	Method development for simultaneous determination of active ingredients in cough and cold pharmaceuticals by high performance liquid chromatography. Heliyon, 2019, 5, e02871.	3.2	6
20	Graphitic Carbon Nitride as a New Sensitive Material for Electrochemical Determination of Trace Amounts of Tartrazine in Food Samples. Food Analytical Methods, 2018, 11, 2907-2915.	2.6	37
21	Determination of methimazole based on electropolymerized-molecularly imprinted polypyrrole modified pencil graphite sensor. Materials Science and Engineering C, 2018, 85, 225-232.	7.3	34
22	Spectrophotometric determination of fluoxetine by molecularly imprinted polypyrrole and optimization by experimental design, artificial neural network and genetic algorithm. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 190, 181-187.	3.9	20
23	An electrochemical chlorpyrifos aptasensor based on the use of a glassy carbon electrode modified with an electropolymerized aptamer-imprinted polymer and gold nanorods. Mikrochimica Acta, 2018, 185, 551.	5.0	56
24	A novel electrochemical sensor based on electrode modified with gold nanoparticles and molecularly imprinted polymer for rapid determination of trazosin. Colloids and Surfaces B: Biointerfaces, 2018, 172, 594-600.	5.0	29
25	HPLC Determination of Hexythiazox in Food Samples by MISPE Extraction. Chromatographia, 2017, 80, 437-446.	1.3	4
26	Experimental design-artificial neural network-genetic algorithm optimization and computer-assisted design of celecoxib molecularly imprinted polymer/carbon nanotube sensor. Journal of Electroanalytical Chemistry, 2017, 795, 32-40.	3.8	24
27	Development of novel electrochemical sensor on the base of molecular imprinted polymer decorated on SiC nanoparticles modified glassy carbon electrode for selective determination of loratadine. Materials Science and Engineering C, 2017, 71, 1106-1114.	7.3	32
28	Mechanistic study of in vitro chemical interaction of trimipramine drug with barbituric derivative after its oxidation: Electrochemical synthesis of new dibenzazepine derivative. Materials Science and Engineering C, 2017, 76, 153-160.	7.3	5
29	Selective Extraction of Cholesterol from Dairy Samples Using a Polypyrrole Molecularly Imprinted Polymer and Determination by Gas Chromatography. Food Analytical Methods, 2017, 10, 1397-1407.	2.6	9
30	An innovative method for analysis of Pb (II) in rice, milk and water samples based on TiO2 reinforced caprylic acid hollow fiber solid/liquid phase microextraction. Food Chemistry, 2017, 221, 1904-1910.	8.2	38
31	Computational design and multivariate optimization of an electrochemical metoprolol sensor based on molecular imprinting in combination with carbon nanotubes. Analytica Chimica Acta, 2016, 924, 86-98.	5.4	56
32	Magnetically responsive polycaprolactone nanoparticles for progesterone screening in biological and environmental samples using gas chromatography. Analytical and Bioanalytical Chemistry, 2016, 408, 5537-5549.	3.7	14
33	1,4-dihydroxyanthraquinone electrochemical sensor based on molecularly imprinted polymer using multi-walled carbon nanotubes and multivariate optimization method. Talanta, 2016, 146, 525-532.	5.5	36
34	Selective transport of Cu(II) ions from a mixture of Mn(II), Co(II), Ni(II), Cu(II), Zn(II), and Pb(II) cations through a bulk liquid membrane using benzyl bis(thiosemicarbazone) as carrier. Desalination and Water Treatment, 2016, 57, 13818-13828.	1.0	6
35	Electrochemical Oxidation of Desipramine Drug in the Presence of 4,6â€Dimethylpyrimidineâ€2â€thiol Nucleophile in Aqueous Acidic Medium. Electroanalysis, 2015, 27, 1693-1698.	2.9	4
36	A Molecularly Imprinted Polymer for the Selective Extraction and Determination of Fenvalerate from Food Samples Using High-Performance Liquid Chromatography. Food Analytical Methods, 2015, 8, 1225-1237.	2.6	23

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37	Fabrication of an electrochemical molecularly imprinted polymer triamterene sensor based on multivariate optimization using multi-walled carbon nanotubes. Journal of Electroanalytical Chemistry, 2015, 744, 85-94.	3.8	43
38	Fluorene functionalized nanoporous SBA-15 incorporated into carbon paste electrode for trace copper determination. Journal of Porous Materials, 2015, 22, 1655-1661.	2.6	3
39	Electrochemical preparation of a molecularly imprinted polypyrrole modified pencil graphite electrode for the determination of phenothiazine in model and real biological samples. Talanta, 2015, 144, 456-465.	5.5	31
40	[PMIM]Br@TiO2 nanocomposite reinforced hollow fiber solid/liquid phase microextraction: An effective extraction technique for measurement of benzodiazepines in hair, urine and wastewater samples combined with high-performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 980, 55-64.	2.3	31
41	Effects of external magnetic field on the pulse electrosynthesis of iron nanoparticles. Journal of Magnetism and Magnetic Materials, 2015, 379, 270-273.	2.3	3
42	Computational study and multivariate optimization of hydrochlorothiazide analysis using molecularly imprinted polymer electrochemical sensor based on carbon nanotube/polypyrrole film. Sensors and Actuators B: Chemical, 2014, 190, 829-837.	7.8	73
43	Neuro-genetic multi-objective optimization and computer-aided design of pantoprazole molecularly imprinted polypyrrole sensor. Sensors and Actuators B: Chemical, 2014, 202, 240-251.	7.8	30
44	Computer-assisted sensor design and analysis of 2-aminobenzimidazole in biological model samples based on electropolymerized-molecularly imprinted polypyrrole modified pencil graphite electrode. Sensors and Actuators B: Chemical, 2013, 185, 17-23.	7.8	19
45	Computer-aided sensor design and analysis of thiocarbohydrazide in biological matrices using electropolymerized-molecularly imprinted polypyrrole modified pencil graphite electrode. Sensors and Actuators B: Chemical, 2013, 177, 871-878.	7.8	31
46	Chemical Composition of the Essential Oil of *Thymus vulgaris* L. from Iran. Journal of Essential Oil-bearing Plants: JEOP, 2012, 15, 368-372.	1.9	9
47	Essential Oil Composition and Antibacterial Activity ofNepeta glomerulosaBoiss from Iran. Journal of Essential Oil-bearing Plants: JEOP, 2011, 14, 241-244.	1.9	6
48	Chemical Composition of the Essential Oil of *Artemisia santolina*. Journal of Essential Oil-bearing Plants: JEOP, 2010, 13, 738-741.	1.9	2
49	Chemical Composition of Essential Oil and Antibacterial Activity of *Dracocephalum subcapitatum*. Journal of Essential Oil-bearing Plants: JEOP, 2010, 13, 112-117.	1.9	9
50	Comparison of Volatile Organic Compounds of *Thymus Vulgaris* Using Hydrodistillation and Headspace Solid Phase Microextraction Gas Chromatography Mass Spectrometry. Journal of the Chinese Chemical Society, 2010, 57, 40-43.	1.4	9
51	Study of Complex Formation between 5,7â€Diiodoâ€8â€hydroxyquinoline and Zn^{2+}, Cd^{2+}, Pb^{2+} and Tl^{+} Cations in Binary Nonâ€Aqueous Solvents Using Square Wave Polarography Technique (SWP). Journal of the Chinese Chemical Society, 2008, 55, 271-275.	1.4	5
52	Conductometric Study of Complex Formation Between Cu(II) Ion and 4-Amino-3-ethyl-1,2,4-triazol-5-thione in Binary Ethanol / Water Mixtures. E-Journal of Chemistry, 2008, 5, 551-556.	0.5	5