

Ghadamali Bagherian

List of Publications by Year in descending order

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38
papers

607
citations

687363

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h-index

642732

23
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38
all docs

38
docs citations

38
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Ag-ZnO with multiple rods (multipods) morphology and its application in the simultaneous photo-catalytic degradation of methyl orange and methylene blue. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 230-237.	3.9	62
2	Application of linear and non-linear methods for modeling removal efficiency of textile dyes from aqueous solutions using magnetic Fe ₃ O ₄ impregnated onto walnut shell. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 268-279.	3.9	43
3	Determination of copper(II) by flame atomic absorption spectrometry after its preconcentration by a highly selective and environmentally friendly dispersive liquid-liquid microextraction technique. <i>Journal of Analytical Science and Technology</i> , 2019, 10, .	2.1	42
4	Prediction of cytotoxicity data (CC50) of anti-HIV 5-phenyl-1-phenylamino-1H-imidazole derivatives by artificial neural network trained with Levenberg-Marquardt algorithm. <i>Journal of Molecular Graphics and Modelling</i> , 2007, 26, 360-367.	2.4	38
5	Determination of ultra-trace palladium (II) in water, soil, and food samples by dispersive liquid-liquid microextraction-atomic absorption spectrometry using 2-mercaptobenzimidazole as a complexing agent. <i>Microchemical Journal</i> , 2016, 127, 46-51.	4.5	38
6	Synthesis and application of chloromethylated polystyrene modified with 1-phenyl-1,2-propanedione-2-oxime thiosemicarbazone (PPDOT) as a new sorbent for the on-line preconcentration and determination of copper in water, soil, and food samples by FAAS. <i>Journal of Hazardous Materials</i> , 2011, 192, 1641-1649.	12.4	37
7	Synthesis and application of multiple rods gold-zinc oxide nanostructures in the photocatalytic degradation of methyl orange. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 151-160.	3.5	36
8	Synthesis and characterization of a new magnetic bio-adsorbent using walnut shell powder and its application in ultrasonic assisted removal of lead. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1429-1437.	6.7	36
9	Optimization of ultrasound-assisted dispersive liquid-liquid microextraction based on solidification of floating organic droplets by experimental design methodologies for determination of three anti-anxiety drugs in human serum and urine samples by high performance liquid chromatography. <i>Microchemical Journal</i> , 2016, 128, 47-54.	4.5	34
10	Application of multiwalled carbon nanotubes for the preconcentration and determination of organochlorine pesticides in water samples by gas chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 4219-4226.	2.5	27
11	Construction and characterization a non-amalgamation voltammetric flow sensor for online simultaneous determination of lead and cadmium ions. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 124-136.	7.8	26
12	Synthesis of pyrano[2,3-d]pyrimidines and pyrido[2,3-d]pyrimidines in the magnetized deionized water based on UV-visible study. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 839-852.	2.2	16
13	Artificial neural network and multiple linear regression for modeling sorption of Pb ²⁺ ions from aqueous solutions onto modified walnut shell. <i>Separation Science and Technology</i> , 2020, 55, 222-233.	2.5	15
14	Kinetic Spectrophotometric Method for the Determination of Trace Amounts of Oxalate by an Activation Effect. <i>Analytical Sciences</i> , 2006, 22, 333-336.	1.6	13
15	Application of random forest for modeling batch and continuous fixed-bed removal of crystal violet from aqueous solutions using <i>Gypsophila aretioides</i> stem-based biosorbent. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120292.	3.9	13
16	Effective simultaneous removal of Pb(II) and Cd(II) ions by a new magnetic zeolite prepared from stem sweep. <i>Materials Research Express</i> , 2017, 4, 116104.	1.6	11
17	Double injection/single detection asymmetric flow injection manifold for spectrophotometric determination of ascorbic acid and uric acid: Selection the optimal conditions by MCDM approach based on different criteria weighting methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 174, 203-213.	3.9	11
18	Removal of methylene blue and crystal violet in binary aqueous solution by magnetic Terminalia catappa kernel shell biosorbent using Box-Behnken design. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3769-3781.	2.2	11

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19	Study of the ethanolic tributylmethylammonium aluminosilicate solutions using ²⁷ Al NMR. <i>Journal of Molecular Structure</i> , 2009, 930, 2-8.	3.6	10
20	Silicon-29 NMR Study of Alkaline Aqueous and Alcoholic Tri-butylmethyl Ammonium (TBMA) Silicate Solutions. <i>Spectroscopy Letters</i> , 2009, 42, 20-27.	1.0	10
21	An asymmetric flow injection determination of hydroquinone and catechol: An analytic hierarchy and artificial neural network approach. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 139, 454-466.	5.0	10
22	A new induction period based reaction rate method for determination trace amounts of phenylhydrazine in water samples. <i>Journal of Hazardous Materials</i> , 2009, 166, 701-705.	12.4	9
23	Determination of Three Organochlorine Pesticides in Aqueous Samples by Solid-Phase Extraction Based on Natural Nano Diatomite in Packed Syringe Coupled to Gas Chromatography- ⁶³ Mass Spectrometry. <i>Analytical Sciences</i> , 2017, 33, 1135-1140.	1.6	9
24	Synthesis and application of a functionalized polystyrene resin for on-line preconcentration and determination of cobalt(II) in water samples by flow injection/FAAS. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 525-532.	0.6	8
25	Simultaneous removal of Pb ²⁺ and methylene blue from aqueous solution by a new carboxylic acid functionalized walnut shell: Optimization by multivariate method. <i>Materials Research Express</i> , 2018, 5, 065510.	1.6	8
26	Development of a Simple and Inexpensive Optical Absorption One-Shot Sensor Membrane for Detection and Determination of Cyanide Ions in Water Samples. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 118-125.	1.4	7
27	Application of ²⁹ Si NMR spectroscopy to study of alkaline aqueous and alcoholic tetraoctylammonium (TOA) silicate solutions. <i>Journal of Molecular Structure</i> , 2010, 982, 127-132.	3.6	6
28	Selective spectrophotometric determination of periodate based on its reaction with methylene green and its application to indirect determination of ethylene glycol and glycerol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 29-32.	3.9	5
29	Synthesis and UV-Visible Study of Polyhydroquinolines and 1,4-Dihydropyridines in Magnetized Distilled Water. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 3501-3522.	2.6	5
30	Application of Tandem Dispersive Liquid-Liquid Microextraction as an Efficient Method for Preconcentration of Two Antidepressant Drugs in Real Samples Combined with High Performance Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2021, , .	1.4	3
31	Determination of Piroxicam in Different Pharmaceutical Products by a Simple Kinetic Procedure Based on An Induction Period Effect. <i>Analytical Chemistry Letters</i> , 2012, 2, 44-55.	1.0	2
32	A comparative study of novel spectrophotometric methods for simultaneous determination of nitroaniline isomers in their binary mixtures with highly severe overlapping spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119278.	3.9	2
33	Methylthiouracil-modified Carbon Paste Electrode as a New Voltammetric Sensor Based on a 1,4-Michael Addition Reaction for Detection of Dopamine. <i>Electroanalysis</i> , 2015, 27, 2708-2717.	2.9	1
34	Construction and characterization of GCE/MWCNT/Au-NP as a new impedimetric and voltammetric sensor for determination of gemfibrozil in pharmaceutical and biological samples. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 025029.	1.2	1
35	Application of Allura Red in the construction of a novel amperometric flow sensor for the automatic determination of hydroquinone and catechol using a two-line flow injection manifold with a single-sensor/double-pulse amperometric detection. <i>Measurement Science and Technology</i> , 2019, 30, 025801.	2.6	1
36	Removal of lead ions from aqueous solutions using functionalized pine cone powder. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2369-2379.	2.2	1

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37	H-point Standard Addition Method (HPSAM) for Simultaneous Spectrophotometric Determination of Cu(II) and Pd(II) by 1-(2-thiazolylazo)-2-naphthol (TAN) in Micellar Media. <i>Analytical Chemistry Letters</i> , 2016, 6, 181-192.	1.0	0
38	Comparison of Capabilities of Four Spectrophotometric Techniques for Determining Concentrations of Compounds with Highly Severe Overlapping Spectra. <i>Analytical Chemistry Letters</i> , 2021, 11, 198-214.	1.0	0