Ali Akbari

List of Publications by Year
in descending order

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38 papers	1,454 citations	304743 22 h-index	330143 37 g-index
43 all docs	43 docs citations	43 times ranked	1801 citing authors

#	Article	IF	Citations
1	Homogeneous Liquidâ€“Liquid Microextraction via Flotation Assistance with Thiol Group Chelating Reagents for Rapid and Efficient Determination of Cadmium(II) and Copper(II) Ions in Water Samples. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	201
2	Electrochemical behavior of a carbon paste electrode modified with 5-amino-3â€²,4â€²-dimethyl-biphenyl-2-ol/carbon nanotube and its application for simultaneous determination of isoproterenol, acetaminophen and N-acetylcysteine. Electrochimica Acta, 2012, 68, 220-226.	5.2	115
3	BF3Â·SiO2: an efficient alternative for the synthesis of 14-aryl or alkyl-14H-dibenzo[a,j]xanthenes. Tetrahedron Letters, 2008, 49, 6454-6456.	1.4	83
4	Centrifuge-less deep eutectic solvent based magnetic nanofluid-linked air-agitated liquidâ€“liquid microextraction coupled with electrothermal atomic absorption spectrometry for simultaneous determination of cadmium, lead, copper, and arsenic in food samples and non-alcoholic beverages. Food Chemistry, 2019, 281, 304-311.	8.2	82
5	Application of 2-(3,4-dihydroxyphenyl)-1,3-dithialone self-assembled monolayer on gold electrode as a nanosensor for electrocatalytic determination of dopamine and uric acid. Analyst, The, 2011, 136, 1965.	3.5	80
6	Epinephrine electrochemical sensor based on a carbon paste electrode modified with hydroquinone derivative and graphene oxide nano-sheets: Simultaneous determination of epinephrine, acetaminophen and dopamine. Measurement: Journal of the International Measurement Confederation, 2017, 101, 183-189.	5.0	75
7	Cube-octameric silsesquioxane-mediated cargo copper Schiff base for efficient click reaction in aqueous media. Journal of Molecular Catalysis A, 2016, 414, 47-54.	4.8	59
8	Needle hub in-syringe solid phase extraction based a novel functionalized biopolyamide for simultaneous green separation/preconcentration and determination of cobalt, nickel, and chromium (III) in food and environmental samples with micro sampling flame atomic absorption spectrometry. Microchemical Journal, 2020, 152, 104340.	4.5	58
9	Nano-TiO2: An eco-friendly and re-usable catalyst for the synthesis of 14-Aryl or alkyl-14H-dibenzo[a,j]xanthenes. Journal of the Iranian Chemical Society, 2011, 8, S129-S134.	2.2	57
10	Simultaneous determination of hydrazine and hydroxylamine on a magnetic bar carbon paste electrode modified with reduced graphene oxide/Fe3O4 nanoparticles and a heterogeneous mediator. Journal of Electroanalytical Chemistry, 2015, 758, 68-77.	3.8	54
11	Nano-TiO2: An eco-friendly alternative for the synthesis of quinoxalines. Chinese Chemical Letters, 2011, 22, 753-756.	9.0	39
12	Green synthesis of Ag2S nanoparticles on cellulose/Fe3O4 nanocomposite template for catalytic degradation of organic dyes. Cellulose, 2019, 26, 6797-6812.	4.9	35
13	One-pot synthesis of 3,4-Dihydropyrimidin-2(1H)-ones (thiones) promoted by nano-BF3.SiO2. Journal of the Iranian Chemical Society, 2011, 8, S135-S140.	2.2	34
14	Adsorption of cadmium(<scp>ii</scp>) and copper(<scp>ii</scp>) from soil and water samples onto a magnetic organozeolite modified with 2-(3,4-dihydroxyphenyl)-1,3-dithiane using an artificial neural network and analysed by flame atomic absorption spectrometry. Analytical Methods, 2015, 7, 6012-6020.	2.7	34
15	Tri(1-butyl-3-methylimidazolium) gadolinium hexachloride, ([bmim]3[GdCl6]), a magnetic ionic liquid as a green salt and reusable catalyst for the synthesis of tetrasubstituted imidazoles. Tetrahedron Letters, 2016, 57, 431-434.	1.4	33
16	New voltammetric strategy for simultaneous determination of norepinephrine, acetaminophen, and folic acid using a 5-amino-3â€²,4â€²-dimethoxy-biphenyl-2-ol/carbon nanotube paste electrode. Ionics, 2012, 18, 703-710.	2.4	31
17	Nanomolar determination of hydrazine by TiO2 nanoparticles modified carbon paste electrode. Journal of Solid State Electrochemistry, 2010, 14, 2285-2292.	2.5	30
18	Highly Sensitive Nanostructured Electrochemical Sensor Based on Carbon Nanotubes-Pt Nanoparticles Paste Electrode for Simultaneous Determination of Levodopa and Tyramine. Russian Journal of Electrochemistry, 2018, 54, 292-301.	0.9	28

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19	New voltammetric strategy for determination of dopamine in the presence of high concentrations of acetaminophen, folic acid and N-acetylcysteine. Journal of Molecular Liquids, 2012, 169, 130-135.	4.9	27
20	Nano-BF3Â·SIO2: a reusable and eco-friendly catalyst for synthesis of quinoxalines. Chemistry of Heterocyclic Compounds, 2011, 47, 487-491.	1.2	25
21	Application of a modified carbon nanotube paste electrode for simultaneous determination of epinephrine, uric acid and folic acid. Analytical Methods, 2012, 4, 1029.	2.7	25
22	A comparative study of various electrochemical sensors for hydrazine detection based on imidazole derivative and different nano-materials of MCM-41, RGO and MWCNTs: Using net analyte signal (NAS) for simultaneous determination of hydrazine and phenol. Journal of Electroanalytical Chemistry, 2017, 787, 145-157.	3.8	24
23	Green ultrasound assisted magnetic nanofluid-based liquid phase microextraction coupled with gas chromatography-mass spectrometry for determination of permethrin, deltamethrin, and cypermethrin residues. Mikrochimica Acta, 2019, 186, 674.	5.0	23
24	Nano-TiO₂: an Eco-friendly and Re-usable Catalyst for the One-pot Synthesis of Î²-Acetamido Ketones. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 347-350.	0.7	22
25	Voltammetric determination of isoproterenol using a 5-amino-2â€²,4â€²-dimethoxybiphenyl-2-ol modified carbon nanotube paste electrode. Chinese Chemical Letters, 2012, 23, 719-722.	9.0	20
26	Novel sustainable metal complex based deep eutectic solvents for extractive desulphurisation of fuel. Journal of Molecular Liquids, 2020, 301, 112364.	4.9	17
27	Deep eutectic solvent-based ligandless ultrasound-assisted liquid-phase microextraction for extraction of cobalt ions from food samples prior to spectrophotometric determination. Journal of the Iranian Chemical Society, 2021, 18, 893-902.	2.2	17
28	A Hydrophobic Deep Eutectic Solvent-Based Ultrasound-Assisted Dispersive Liquidâ€“Liquid Microextraction for Determination of Î²-Lactam Antibiotics Residues in Food Samples. Food Analytical Methods, 2022, 15, 391-400.	2.6	17
29	Voltammetric sensor for simultaneous determination of ascorbic acid, acetaminophen, and tryptophan in pharmaceutical products. Ionics, 2014, 20, 729-737.	2.4	16
30	Sonodecoration of magnetic phosphonated-functionalized sporopollenin as a novel green nanocomposite for stir bar sorptive dispersive microextraction of melamine in milk and milk-based food products. Food Chemistry, 2021, 341, 128460.	8.2	15
31	BF3.SiO2: an efficient catalyst for the synthesis of azo dyes at room temperature. Current Chemistry Letters, 2012, 1, 109-114.	1.6	14
32	Nanomolar Determination of Methyldopa in the Presence of Large Amounts of Hydrochlorothiazide Using a Carbon Paste Electrode Modified with Graphene Oxide Nanosheets and 3â€(4â€²â€Aminoâ€3â€²â€hydroxyâ€biphenylâ€4â€yl)â€acrylic Acid. Electroanalysis, 2015, 27, 2421-2430.	2.9	14
33	Synthesis of 14-aryl or alkyl-14H-dibenzo[a,j]xanthenes promoted by Mg(HSO4)2. Chinese Chemical Letters, 2011, 22, 45-48.	9.0	13
34	Homogeneous liquid-liquid microextraction via flotation assistance coupled with gas chromatography-mass spectrometry for determination of myclobutanil in cucumber, tomato, grape, and strawberry using genetic algorithm. International Journal of Environmental Analytical Chemistry, 2018, 98, 271-285.	3.3	11
35	Biological evaluation and simple method for the synthesis of tetrahydrobenzo[a]xanthenes-11-one derivatives. Journal of Saudi Chemical Society, 2017, 21, S7-S11.	5.2	10
36	One-pot synthesis of dihydropyrano[c]chromene derivatives by using BF₃â€¢SiO₂ as catalyst. Heterocyclic Communications, 2013, 19, 425-427.	1.2	8

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37	Synthesis and Biological Evaluation of 2-Amino-4H-pyran-3,4,5-tricarboxylate Salt Derivatives. Journal of the Korean Chemical Society, 2013, 57, 455-460.	0.2	8
38	Photochemical synthesis of benzo[f]chromene. Photochemical and Photobiological Sciences, 2017, 16, 1778-1783.	2.9	0