

Alireza Mohadesi

List of Publications by Year in descending order

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44
papers

966
citations

516710

16
h-index

454955

30
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44
all docs

44
docs citations

44
times ranked

1106
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical behavior of a carbon paste electrode modified with 5-amino-3,4-dimethyl-biphenyl-2-ol/carbon nanotube and its application for simultaneous determination of isoproterenol, acetaminophen and N-acetylcysteine. <i>Electrochimica Acta</i> , 2012, 68, 220-226.	5.2	115
2	Voltammetric determination of Cu(II) in natural waters and human hair at a meso-2,3-dimercaptosuccinic acid self-assembled gold electrode. <i>Talanta</i> , 2007, 72, 95-100.	5.5	106
3	Electrochemical Behaviour of a Modified Carbon Nanotube Paste Electrode and Its Application for Simultaneous Determination of Epinephrine, Uric Acid and Folic Acid. <i>Sensor Letters</i> , 2013, 11, 388-394.	0.4	83
4	Stripping voltammetric determination of silver(I) at carbon paste electrode modified with 3-amino-2-mercapto quinazolin-4(3H)-one. <i>Talanta</i> , 2007, 71, 615-619.	5.5	64
5	Determination of silver(I) by flame atomic absorption spectrometry after separation/preconcentration using modified magnetite nanoparticles. <i>Scientia Iranica</i> , 2011, 18, 790-796.	0.4	50
6	Electrochemical behavior of Naphthol green B doped in polypyrrole film and its application for electrocatalytic oxidation of ascorbic acid. <i>Sensors and Actuators B: Chemical</i> , 2007, 123, 733-739.	7.8	46
7	Separation of trace amount of silver using dispersive liquid-liquid based on solidification of floating organic drop microextraction. <i>Analytica Chimica Acta</i> , 2011, 684, 54-58.	5.4	41
8	Multiwalled carbon nanotube modified with 1-(2-pyridylazo)-2-naphthol for stripping voltammetric determination of Pb(ii). <i>Analyst</i> , The, 2010, 135, 1686.	3.5	34
9	New voltammetric strategy for simultaneous determination of norepinephrine, acetaminophen, and folic acid using a 5-amino-3,4-dimethoxy-biphenyl-2-ol/carbon nanotube paste electrode. <i>Ionics</i> , 2012, 18, 703-710.	2.4	31
10	A highly selective and sensitive electrochemical sensor based on graphene oxide and molecularly imprinted polymer magnetic nanocomposite for patulin determination. <i>Microchemical Journal</i> , 2022, 177, 107215.	4.5	28
11	New voltammetric strategy for determination of dopamine in the presence of high concentrations of acetaminophen, folic acid and N-acetylcysteine. <i>Journal of Molecular Liquids</i> , 2012, 169, 130-135.	4.9	27
12	Solvent-free synthesis of mercury oxide nanoparticles by a simple thermal decomposition method. <i>Superlattices and Microstructures</i> , 2014, 66, 48-53.	3.1	27
13	Application of a modified carbon nanotube paste electrode for simultaneous determination of epinephrine, uric acid and folic acid. <i>Analytical Methods</i> , 2012, 4, 1029.	2.7	25
14	Solid phase extraction of trace amounts of silver (I) using dithizone-immobilized alumina-coated magnetite nanoparticles prior to determination by flame atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1325-1340.	3.3	23
15	Electrochemical and catalytic investigations of levodopa and folic acid by modified carbon nanotube paste electrode. <i>Analytical Methods</i> , 2011, 3, 2562.	2.7	21
16	Solid phase extraction of trace amounts of Pb(II) in opium, heroin, lipstick, plants and water samples using modified magnetite nanoparticles prior to its atomic absorption determination. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 171-180.	2.2	19
17	Electrocatalytic measurement of methionine concentration with a carbon nanotube paste electrode modified with benzoylferrocene. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1333-1338.	14.0	18
18	A new diosgenin sensor based on molecularly imprinted polymer of para aminobenzoic acid selected by computer-aided design. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 552-560.	2.8	17

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19	Voltammetric sensor for simultaneous determination of ascorbic acid, acetaminophen, and tryptophan in pharmaceutical products. <i>Ionics</i> , 2014, 20, 729-737.	2.4	16
20	Indirect Determination of Trace Copper(II) by Adsorptive Stripping Voltammetry with Zincon at a Carbon Paste Electrode. <i>Electroanalysis</i> , 2008, 20, 374-378.	2.9	15
21	Separation/Preconcentration and Speciation Analysis of Trace Amounts of Arsenate and Arsenite in Water Samples Using Modified Magnetite Nanoparticles and Molybdenum Blue Method. <i>Journal of Chemistry</i> , 2014, 2014, 1-9.	1.9	15
22	Stripping voltammetric determination of Cd(II) based on multiwalled carbon nanotube functionalized with 1-(2-pyridylazo)-2-naphthol. <i>Chinese Chemical Letters</i> , 2011, 22, 1469-1472.	9.0	13
23	Ultrasound-Assisted Emulsification Microextraction Based on Solidification Floating Organic Drop Trace Amounts of Manganese Prior to Graphite Furnace Atomic Absorption Spectrometry Determination. <i>Scientific World Journal</i> , The, 2012, 2012, 1-5.	2.1	12
24	Determination of Nickel in Water, Food, and Biological Samples by Electrothermal Atomic Absorption Spectrometry After Preconcentration on Modified Carbon Nanotubes. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 225-231.	1.5	12
25	Determination of ciprofloxacin drug with molecularly imprinted polymer/co- metal organic framework nanofiber on modified glassy carbon electrode (GCE). <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 3180-3190.	2.2	12
26	Stripping voltammetric determination of copper (II) on an overoxidized polypyrrole functionalized with Nitroso-R. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 956-962.	0.6	11
27	A new sorbent based on MWCNTs modification for separation/preconcentration of trace amounts of Cd(II), Cr(III), Cu(II), Ni(II), and Pb(II) and their determination by flame atomic absorption spectrometry. <i>Journal of Analytical Science and Technology</i> , 2015, 6, .	2.1	11
28	Overoxidized Polypyrrole Doped with 4,5-Dihydroxy-3-(p-sulfophenylazo)-2,7-naphthalene Disulfonic Acid as a Selective and Regenerable Film for the Stripping Detection of Copper(II). <i>Analytical Sciences</i> , 2007, 23, 969-974.	1.6	10
29	Computational Design and Electropolymerization of Molecularly Imprinted Poly(<i>p</i> -aminobenzoic acid-co-Dapsone) Using Multivariate Optimization for Tetradifon Residue Analysis. <i>ChemistrySelect</i> , 2019, 4, 12236-12244.	1.5	8
30	Electrochemical synthesis, characterization, and spectroelectrochemical evaluation of poly(para) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Electronics, 2019, 30, 8686-8697.	2.2	7
31	Simultaneous Determination of Nickel and Copper by H-Point Standard Addition Method First-Order Derivative Spectrophotometry in Plant Samples After Separation and Preconcentration on Modified Natural Clinoptilolite as a New Sorbent. <i>Journal of AOAC INTERNATIONAL</i> , 2008, 91, 637-645.	1.5	6
32	Ultrasound-Assisted Ion-Pair Dispersive Liquid-Liquid Microextraction of Trace Amounts of Lead in Water Samples Prior to Graphite Furnace Atomic Absorption Spectrometry Determination. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 161-165.	1.5	6
33	Synthesis and characterization of TiO ₂ nanoparticles by microwave method and investigation its photovoltaic property. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 862-866.	2.2	6
34	Determination of Buprenorphine (BUP) with Molecularly Imprinted Polymer Zn/La ³⁺ Metal Organic Framework on Modified Glassy Carbon Electrode (GCE). <i>Electroanalysis</i> , 2022, 34, 1012-1020.	2.9	6
35	Stripping voltammetric determination of copper(II) in natural waters and human hairs based on the adsorption of its complex with Kryptofix 22 on the carbon paste electrode. <i>Journal of Analytical Chemistry</i> , 2011, 66, 207-211.	0.9	5
36	Synthesis of AgInS ₂ nanostructure by microwave-ultrasonic method and characterization and photocatalytic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 522-525.	2.2	4

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37	Cathodic adsorptive stripping voltammetric determination of trace amounts of uranium (VI) based on its complex with Chromazorul-S. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 927-32.	1.5	4
38	4-Aminohippuric Acid-functionalized Carbon Nanotubes for Stripping Voltammetric Determination of Copper(II) Ions. <i>Electrochemistry</i> , 2016, 84, 138-142.	1.4	3
39	Electrochemical and electrocatalytic behaviors of Safranin O/Nafion film deposited on the glassy carbon electrode. <i>Russian Journal of Electrochemistry</i> , 2009, 45, 1156-1161.	0.9	2
40	BaTiO ₃ /Ba ₄ Ti ₁₃ O ₃₀ nanocomposite: synthesis, characterization, and its photovoltaic application via two-step sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9996-10001.	2.2	2
41	ultrasonic production of the chitosan/lactose/C ₃ N ₄ nanocomposites with lactose as a biological capping agent: Photocatalytic activity study. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1205-1213.	1.4	2
42	Preparation and evaluation of Ca/Mg-layered double hydroxide as a novel modifier for electrochemical determination of gibberellic acid. <i>Journal of Molecular Structure</i> , 2021, 1246, 131200.	3.6	2
43	Synthesis and characterization of gold nanoparticles with the aid of green reducing agent through the free surfactant microwave method. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 9073-9077.	2.2	1
44	A selective and sensitive film for electrocatalysis of ascorbic acid based on polypyrrole doped with nitroso-R(1-nitroso-2-naphthol-3,6-disulfonic acid disodium). <i>Russian Journal of Electrochemistry</i> , 2010, 46, 904-911.	0.9	0