

Lida Fotouhi

List of Publications by Year in descending order

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papers

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201674

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#	ARTICLE	IF	CITATIONS
1	Voltage-step pulsed electromembrane extraction followed by high performance liquid chromatography analysis for simultaneous determination of paracetamol and codeine. <i>Separation Science and Technology</i> , 2022, 57, 768-776.	2.5	3
2	Electrodeposited nickel nanocone/NiMoO ₄ nanocomposite designed as superior electrode materials for high performance supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 5220-5229.	7.1	18
3	Smartphone-Based Electrochemiluminescence for Visual Simultaneous Detection of <i>RASSF1A</i> and <i>SLC5A8</i> Tumor Suppressor Gene Methylation in Thyroid Cancer Patient Plasma. <i>Analytical Chemistry</i> , 2022, 94, 8005-8013.	6.5	34
4	Electropolymerized Film of L-Cysteine in the Presence of Deep Eutectic Solvent on NaOH Nanorods Glassy Carbon Electrode for Sensitive Determination of Acyclovir in Biological Fluids. <i>IEEE Sensors Journal</i> , 2021, 21, 1324-1331.	4.7	6
5	Impedimetric Paper-Based Enzymatic Biosensor Using Electrospun Cellulose Acetate Nanofiber and Reduced Graphene Oxide for Detection of Glucose From Whole Blood. <i>IEEE Sensors Journal</i> , 2021, 21, 9210-9217.	4.7	40
6	Electrochemiluminescence paper-based screen-printed electrode for HbA1c detection using two-dimensional zirconium metal-organic framework/Fe ₃ O ₄ nanosheet composites decorated with Au nanoclusters. <i>Mikrochimica Acta</i> , 2021, 188, 296.	5.0	30
7	Signal Amplification Based on a Polymeric Film Decorated With Nanocomposites for Sensitive Determination of Propranolol in Biological and Pharmaceutical Samples. <i>IEEE Sensors Journal</i> , 2021, 21, 20850-20856.	4.7	1
8	Electrosynthesised CdS@ZnS quantum dots decorated multi walled carbon nanotubes for analysis of propranolol in biological fluids and pharmaceutical samples. <i>Microchemical Journal</i> , 2021, 168, 106453.	4.5	12
9	Improved Performance for Acyclovir Sensing in the Presence of Deep Eutectic Solvent and Nanostructures and Polymer. <i>IEEE Sensors Journal</i> , 2020, 20, 623-630.	4.7	8
10	Signal amplification for simultaneous determination of two proton pump inhibitors in biological matrix based on newly synthesized metal organic framework and polymeric film. <i>Journal of Electroanalytical Chemistry</i> , 2020, 860, 113923.	3.8	4
11	An electrochemical sensor based on an Eriochrome Black T polymer and deep eutectic solvent for the simultaneous determination of omeprazole and lansoprazole. <i>Analytical Methods</i> , 2020, 12, 4072-4079.	2.7	10
12	In situ electro-synthesis of a copper-based metal-organic framework as nanosorbent for headspace solid-phase microextraction of methamphetamine in urine with GC-FID analysis. <i>Mikrochimica Acta</i> , 2020, 187, 548.	5.0	27
13	An amplified electrochemical sensor employing a polymeric film and graphene quantum dots/multiwall carbon nanotubes in a deep eutectic solvent for sensitive analysis of paracetamol and 4-aminophenol. <i>New Journal of Chemistry</i> , 2020, 44, 15742-15751.	2.8	19
14	Sensitive Nonenzymatic Electrochemiluminescence Determination of Hydrogen Peroxide in Dental Products using a Polypyrrole/Polyaluminum/Titanium Dioxide Nanocomposite. <i>Analytical Letters</i> , 2019, 52, 633-648.	1.8	18
15	Introduction of electropolymerization of pyrrole as a coating method for stir bar sorptive extraction of estradiol followed by gas chromatography. <i>Journal of Chromatography A</i> , 2019, 1604, 460478.	3.7	18
16	Voltammetric determination of adefovir dipivoxil by using a nanocomposite prepared from molecularly imprinted poly(o-phenylenediamine), multi-walled carbon nanotubes and carbon nitride. <i>Mikrochimica Acta</i> , 2019, 186, 427.	5.0	10
17	Recent Progress in the Development of Conducting Polymer-Based Nanocomposites for Electrochemical Biosensors Applications: A Mini-Review. <i>Chemical Record</i> , 2018, 18, 599-618.	5.8	112
18	A promising electrochemical sensing platform based on copper nanoparticles-decorated polymer in carbon nanotube electrode for monitoring methimazole. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 905-913.	2.2	7

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19	Lipase Encapsulation onto ZIF-8: A Comparison between Biocatalysts Obtained at Low and High Zinc/2-Methylimidazole Molar Ratio in Aqueous Medium. <i>ChemCatChem</i> , 2018, 10, 1578-1585.	3.7	44
20	Electrochemical Sensor Based on Nanocomposite of Multi-Walled Carbon Nanotubes / TiO ₂ Nanoparticles in Chitosan Matrix for Simultaneous and Separate Determination of Dihydroxybenzene Isomers. <i>Journal of the Electrochemical Society</i> , 2018, 165, B202-B211.	2.9	26
21	ZnO/Polytyramine nanocomposite film: Facile electrosynthesis and high performance electrocatalytic activity toward methanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 6987-6996.	7.1	7
22	Electrochemically Induced Michael Addition Reaction: An Overview. <i>Chemical Record</i> , 2018, 18, 1633-1657.	5.8	20
23	Improved effect of deep eutectic solvents on polymeric film of surfactant: application in determination and discrimination of dihydroxybenzene isomers as model molecules. <i>New Journal of Chemistry</i> , 2018, 42, 17659-17664.	2.8	6
24	A new electrochemiluminescence biosensor for the detection of glucose based on polypyrrole/poly(luminol)/Ni(OH) ₂ /C ₃ N ₄ /glucose oxidase-modified graphite electrode. <i>Analytical Methods</i> , 2018, 10, 5723-5730.	2.7	26
25	Lipase and Laccase Encapsulated on Zeolite Imidazolate Framework: Enzyme Activity and Stability from Voltammetric Measurements. <i>ChemCatChem</i> , 2018, 10, 5425-5433.	3.7	40
26	Sensitive Determination of Acyclovir in Biological and Pharmaceutical Samples Based on Polymeric Film Decorated with Nanomaterials on Nanoporous Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2018, 165, B632-B637.	2.9	12
27	Potentiodynamic and electrochemical impedance spectroscopy study of anticorrosive properties of p-type conductive polymer/TiO ₂ nanoparticles. <i>Solid State Ionics</i> , 2018, 324, 138-143.	2.7	28
28	Nanostructured Metal Organic Framework Modified Glassy Carbon Electrode as a High Efficient Non-Enzymatic Amperometric Sensor for Electrochemical Detection of H ₂ O ₂ . <i>Journal of Electrochemical Science and Technology</i> , 2018, 9, 28-36.	2.2	17
29	Synergistic Effect of ZnO Nanoparticles and Carbon Nanotube and Polymeric Film on Electrochemical Oxidation of Acyclovir. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 52-62.	0.5	9
30	Electrochemical fabrication of a novel ZnO/cysteic acid nanocomposite modified electrode and its application to simultaneous determination of sunset yellow and tartrazine. <i>Food Chemistry</i> , 2017, 227, 73-77.	8.2	113
31	Enhancement of corrosion resistance of polypyrrole using metal oxide nanoparticles: Potentiodynamic and electrochemical impedance spectroscopy study. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 213-219.	9.4	79
32	The application of electrochemical detection in capillary electrophoresis. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 717-725.	2.2	10
33	Voltammetric sensor for tartrazine determination in soft drinks using poly (p -aminobenzenesulfonic) Tj ETQq1 1 0.784314 rgBT /Overle 293-301.	1.9	70
34	Optimization of temperature-controlled ionic liquid homogenous liquid phase microextraction followed by high performance liquid chromatography for analysis of diclofenac and mefenamic acid in urine sample. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1289-1299.	2.2	8
35	Facile electrosynthesis of nano flower like metal-organic framework and its nanocomposite with conjugated polymer as a novel and hybrid electrode material for highly capacitive pseudocapacitors. <i>Journal of Colloid and Interface Science</i> , 2016, 484, 314-319.	9.4	77
36	Novel electroactive nanocomposite of POAP for highly efficient energy storage and electrocatalyst: Electrosynthesis and electrochemical performance. <i>Journal of Colloid and Interface Science</i> , 2016, 484, 308-313.	9.4	70

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37	Differential pulse voltammetric determination of nanomolar concentrations of antiviral drug acyclovir at polymer film modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2016, 61, 858-864.	7.3	31
38	Photochemically induced fluorimetry, UV-Vis spectroscopy, and voltammetry on the DNA/MWCNT/GCE to investigate the interaction of sulfamethazine with DNA: determination of DNA. <i>Monatshefte für Chemie</i> , 2016, 147, 837-844.	1.8	8
39	Physicoelectrochemical properties of facilely electrosynthesized reduced graphene oxide/p-type conductive polymer nanocomposite film. <i>New Journal of Chemistry</i> , 2016, 40, 2565-2573.	2.8	24
40	Recent Electroanalytical Studies of Metal-Organic Frameworks: A Mini-Review. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 323-331.	3.5	29
41	Evaluation of pulsed electromembrane extraction for the analysis of diclofenac and mefenamic acid in biological fluids. <i>Analytical Methods</i> , 2015, 7, 2848-2854.	2.7	30
42	Determination of phenazopyridine in biological fluids using electromembrane extraction followed by high-performance liquid chromatography. <i>Canadian Journal of Chemistry</i> , 2015, 93, 702-707.	1.1	12
43	Sensitive amperometric determination of methimazole based on the electrocatalytic effect of rutin/multi-walled carbon nanotube film. <i>Bioelectrochemistry</i> , 2015, 101, 66-74.	4.6	20
44	A study of the interaction tyrosine and DNA using voltammetry and spectroscopy methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 152-156.	3.9	10
45	Novel sensitive electrochemical sensor for simultaneous determination of epinephrine and uric acid by using a nanocomposite of MWCNTs-chitosan and gold nanoparticles attached to thioglycolic acid. <i>Sensors and Actuators B: Chemical</i> , 2014, 200, 251-258.	7.8	53
46	Multi-Walled Carbon Nanotubes (MWCNT)-Ionic Liquid-Modified Carbon Paste Electrode: Probing Furazolidone-DNA Interactions and DNA Determination. <i>Helvetica Chimica Acta</i> , 2014, 97, 1307-1315.	1.6	0
47	Electrochemical behaviour and voltammetric determination of sulphadiazine using a multi-walled carbon nanotube composite film-glassy carbon electrode. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 947-956.	2.4	60
48	MWCNT Modified Glassy Carbon Electrode: Probing Furazolidone-DNA Interactions and DNA Determination. <i>Electroanalysis</i> , 2013, 25, 757-764.	2.9	17
49	Electrochemical thiocyanation of nitrogen-containing aromatic and heteroaromatic compounds. <i>Tetrahedron Letters</i> , 2013, 54, 2903-2905.	1.4	54
50	Interaction of sulfadiazine with DNA on a MWCNT modified glassy carbon electrode: Determination of DNA. <i>International Journal of Biological Macromolecules</i> , 2013, 53, 101-106.	7.5	27
51	Interaction of ciprofloxacin with DNA studied by spectroscopy and voltammetry at MWCNT/DNA modified glassy carbon electrode. <i>Talanta</i> , 2013, 103, 194-200.	5.5	45
52	Comparison of conventional hollow fiber based liquid phase microextraction and electromembrane extraction efficiencies for the extraction of ephedrine from biological fluids. <i>Journal of Chromatography A</i> , 2011, 1218, 8581-8586.	3.7	54
53	Electrochemistry and voltammetric determination of furazolidone with a multi-walled nanotube composite film-glassy carbon electrode. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 137-142.	2.9	55
54	Microextraction of mebendazole across supported liquid membrane forced by pH gradient and electrical field. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1173-1179.	2.8	68

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55	Electrocatalytic activity of 6,7-dihydroxy-3-methyl-9-thia-4,4a-diazafluoren-2-one/multi-wall carbon nanotubes immobilized on carbon paste electrode for NADH oxidation: Application to the trace determination of NADH. <i>Journal of Electroanalytical Chemistry</i> , 2010, 639, 15-20.	3.8	27
56	Electrochemical behavior and analytical application of ciprofloxacin using a multi-walled nanotube composite film-glassy carbon electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 110-114.	5.0	100
57	Estimation of heterogeneous rate constants of reaction of electrochemically generated <i>p</i> -benzoquinones with various nucleophiles containing thiol group. <i>International Journal of Chemical Kinetics</i> , 2009, 41, 426-431.	1.6	10
58	Electrochemical synthesis of copper sulfide nanoparticles. <i>Mikrochimica Acta</i> , 2009, 167, 247-251.	5.0	16
59	Electrochemistry of the interaction of furazolidone and bovine serum albumin. <i>Bioelectrochemistry</i> , 2009, 77, 26-30.	4.6	57
60	Mechanistic study of homogeneous reactions coupled with electrochemical oxidation of catechols. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 448-476.	2.2	68
61	Synthesis of Isobenzofuran-1(3H)-ones with the Aid of Silica-Supported Preyssler Nanoparticles. <i>Synthetic Communications</i> , 2009, 39, 4109-4116.	2.1	15
62	Electrochemical Oxidation of Catechols in the Presence of Pyrimidine-2-thiol: Application to Electrosynthesis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 2749-2757.	1.6	11
63	Novel electrosynthesis of a condensed thioheterocyclic system containing a 1,2,4-triazole ring. <i>Tetrahedron Letters</i> , 2008, 49, 6628-6630.	1.4	12
64	Electrochemical oxidation of catechol and 4-tert-butylcatechol in the presence of 1-Methyl-1H-imidazole-2-thiol: Synthesis and kinetic study. <i>Journal of the Iranian Chemical Society</i> , 2008, 5, 712-717.	2.2	11
65	Electrochemical synthesis and study of coordination compounds part 1: tin(II) catechol complexes. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1744-1750.	2.2	4
66	Synthesis and characterization of [Cu(mb ₂) ₂]ClO ₄ and [Cu(mb ₂) ₂ en](PPh ₃) ₂ : crystal structure of [Cu(mb ₂) ₂ en]ClO ₄ . <i>Journal of Coordination Chemistry</i> , 2008, 61, 455-463.	2.2	7
67	Electrochemical Synthesis of 4-(Dihydroxyphenylthio)-2H-chromen-2-one Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 1562-1566.	1.3	11
68	Electro-Oxidation of 3,4-Dihydroxybenzoic Acid in the Presence of 6-Methyl-1,2,4-Triazine-3-Thione-5-One: Unique Synthesis of 7-H-Thiazolo[3,2-b]1,2,4-Triazin-7-One Derivative in Aqueous Media. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 1163-1166.	1.4	6
69	Electrochemical Synthesis and Structural Characterization of a Novel Mixed-valence Copper (I)-copper (II) Complex: {[Bis(ethylenediamine) Copper (II)] Bis[diiodocuprate (I)]}. <i>Molecules</i> , 2007, 12, 1410-1419.	3.8	8
70	Electrochemical Reduction of 1,2-Di(<i>p</i> -tolylimino)ethane and 1,2-Di(2,4-dimethylphenylimino)ethane in Dimethylformamide. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1577-1580.	4.9	4
71	Study of the oxidation of some catechols in the presence of 4-amino-3-thio-1,2,4-triazole by digital simulation of cyclic voltammograms. <i>International Journal of Chemical Kinetics</i> , 2007, 39, 340-345.	1.6	8
72	Electrogenerated base-promoted synthesis of tetrahydrobenzo[b]pyran derivatives. <i>Tetrahedron Letters</i> , 2007, 48, 5379-5381.	1.4	113

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73	Voltammetric Oxidation of Hantzsch 1,4-Dihydropyridines in Ethanol-Water Media. Letters in Organic Chemistry, 2006, 3, 111-114.	0.5	7
74	Synthesis, Characterization and X-ray Crystal Structures of [Cu(ncaen) ₂ ClO ₄ and [Cu(nca ₂ en)(PPh ₃) ₂]BPh ₄ Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 2321-2325.	1.2	10
75	The effect of metal ions on the electrochemistry of the furazolidone. Electrochemistry Communications, 2006, 8, 565-570.	4.7	9
76	An efficient electrochemical method for a unique synthesis of new derivatives of 7H-thiazolo[3,2-b]-1,2,4-triazin-7-one. Tetrahedron Letters, 2006, 47, 1713-1716.	1.4	20
77	Efficient electrosynthesis of 1,2,4-triazino[3,4-b]-1,3,4-thiadiazine derivatives. Tetrahedron Letters, 2006, 47, 8553-8557.	1.4	30
78	Electrochemical Study of Iodide in the Presence of Phenol and o-Cresol: Application to the Catalytic Determination of Phenol and o-Cresol. Sensors, 2004, 4, 170-180.	3.8	14
79	Voltammetric studies on nitro radical anion formation from furazolidone and kinetic of the coupled chemical reaction. Journal of Electroanalytical Chemistry, 2004, 568, 93-99.	3.8	19
80	Deprotection of Semicarbazones Using Bismuth(III)nitrate Pentahydrate Supported onto Silica Gel. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 155-158.	1.6	7
81	Study the Electrochemical Reduction of Some Triazines in N,N-Dimethylformamide at Glassy Carbon Electrode. Bulletin of the Korean Chemical Society, 2003, 24, 1751-1756.	1.9	8
82	Electrochemical Behavior of Some Thiotriazoles in Aqueous-Alcoholic Media at GCE. Electroanalysis, 2002, 14, 1728-1732.	2.9	11
83	Spectrophotometric Determination of Stability Constants of Ni(II) and Ag(I) Complexes with Some Dithiocarboxylic Acids in Dimethylsulfoxide-Water Mixtures. Microchemical Journal, 1998, 59, 351-355.	4.5	6
84	Electrochemical Behavior of Iron(III)/Iron(II) Couple in Dimethylformamide. Microchemical Journal, 1998, 60, 224-230.	4.5	1
85	Electrochemical reduction of nickel(II) dithiocarboxylates at the mercury electrode. Canadian Journal of Chemistry, 1997, 75, 1023-1029.	1.1	8
86	Kinetic spectrophotometric determination of ascorbic acid by reduction of toluidine blue. Talanta, 1994, 41, 1225-1228.	5.5	27