

# Lida Fotouhi

## List of Publications by Year in descending order

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86  
papers

2,303  
citations

201674

27  
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243625

44  
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95  
docs citations

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times ranked

2515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrogenerated base-promoted synthesis of tetrahydrobenzo[b]pyran derivatives. <i>Tetrahedron Letters</i> , 2007, 48, 5379-5381.	1.4	113
2	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
3	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
4	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
5	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
6	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
7	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
8	Voltammetric sensor for tartrazine determination in soft drinks using poly ( p -aminobenzenesulfonic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 293-301.	1.9	70
9	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
10	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
11	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
12	Electrochemistry of the interaction of furazolidone and bovine serum albumin. <i>Bioelectrochemistry</i> , 2009, 77, 26-30.	4.6	57
13	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
14	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
15	Electrochemical thiocyanation of nitrogen-containing aromatic and heteroaromatic compounds. <i>Tetrahedron Letters</i> , 2013, 54, 2903-2905.	1.4	54
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	Efficient electrosynthesis of 1,2,4-triazino[3,4-b]-1,3,4-thiadiazine derivatives. <i>Tetrahedron Letters</i> , 2006, 47, 8553-8557.	1.4	30
24	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
25	Electrochemiluminescence paper-based screen-printed electrode for HbA1c detection using two-dimensional zirconium metal-organic framework/Fe <sub>3</sub> O <sub>4</sub> nanosheet composites decorated with Au nanoclusters. <i>Mikrochimica Acta</i> , 2021, 188, 296.	5.0	30
26	Recent Electroanalytical Studies of Metal-Organic Frameworks: A Mini-Review. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 323-331.	3.5	29
27	Potentiodynamic and electrochemical impedance spectroscopy study of anticorrosive properties of p-type conductive polymer/TiO <sub>2</sub> nanoparticles. <i>Solid State Ionics</i> , 2018, 324, 138-143.	2.7	28
28	Kinetic spectrophotometric determination of ascorbic acid by reduction of toluidine blue. <i>Talanta</i> , 1994, 41, 1225-1228.	5.5	27
29	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
30	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
31	In situ electrosynthesis 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
32	Electrochemical Sensor Based on Nanocomposite of Multi-Walled Carbon Nanotubes / TiO <sub>2</sub> 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
33	A new electrochemiluminescence biosensor for the detection of glucose based on polypyrrole/polyluminol/Ni(OH) <sub>2</sub> •C <sub>3</sub> N <sub>4</sub> /glucose oxidase-modified graphite electrode. <i>Analytical Methods</i> , 2018, 10, 5723-5730.	2.7	26
34	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
35	An efficient electrochemical method for a unique synthesis of new derivatives of 7H-thiazolo[3,2-b]-1,2,4-triazin-7-one. <i>Tetrahedron Letters</i> , 2006, 47, 1713-1716.	1.4	20
36	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

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37	Electrochemically Induced Michael Addition Reaction: An Overview. <i>Chemical Record</i> , 2018, 18, 1633-1657.	5.8	20
38	Voltammetric studies on nitro radical anion formation from furazolidone and kinetic of the coupled chemical reaction. <i>Journal of Electroanalytical Chemistry</i> , 2004, 568, 93-99.	3.8	19
39	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
40	Sensitive Nonenzymatic Electrochemiluminescence Determination of Hydrogen Peroxide in Dental Products using a Polypyrrole/Polyluminol/Titanium Dioxide Nanocomposite. <i>Analytical Letters</i> , 2019, 52, 633-648.	1.8	18
41	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
42	Electrodeposited nickel nanocone/NiMoO <sub>4</sub> nanocomposite designed as superior electrode materials for high performance supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 5220-5229.	7.1	18
43	MWCNT Modified Glassy Carbon Electrode: Probing Furazolidone-DNA Interactions and DNA Determination. <i>Electroanalysis</i> , 2013, 25, 757-764.	2.9	17
44	Nanostructured Metal Organic Framework Modified Glassy Carbon Electrode as a High Efficient Non-Enzymatic Amperometric Sensor for Electrochemical Detection of H <sub>2</sub> O <sub>2</sub> . <i>Journal of Electrochemical Science and Technology</i> , 2018, 9, 28-36.	2.2	17
45	Electrochemical synthesis of copper sulfide nanoparticles. <i>Mikrochimica Acta</i> , 2009, 167, 247-251.	5.0	16
46	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
47	Electrochemical Study of Iodide in the Presence of Phenol and o-Cresol: Application to the Catalytic Determination of Phenol and o-Cresol. <i>Sensors</i> , 2004, 4, 170-180.	3.8	14
48	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
49	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
50	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
51	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
52	Electrochemical Behavior of Some Thiotriazoles in Aqueous-Alcoholic Media at GCE. <i>Electroanalysis</i> , 2002, 14, 1728-1732.	2.9	11
53	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
54	Electrochemical Synthesis of 4-(Dihydroxyphenylthio)-2H-chromen-2-one Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 1562-1566.	1.3	11

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55	Electrochemical Oxidation of Catechols in the Presence of Pyrimidine-2-thiol: Application to Electrosynthesis. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2749-2757.	1.6	11
56	Synthesis, Characterization and X-ray Crystal Structures of [Cu(ncaen) <sub>2</sub> ]ClO <sub>4</sub> and [Cu(nca <sub>2</sub> en)(PPh <sub>3</sub> ) <sub>2</sub> ]BPh <sub>4</sub> Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 2321-2325.	1.2	10
57	Estimation of heterogeneous rate constants of reaction of electrochemically generated benzoquinones with various nucleophiles containing thiol group. International Journal of Chemical Kinetics, 2009, 41, 426-431.	1.6	10
58	A study of the interaction tyrosine and DNA using voltammetry and spectroscopy methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 121, 152-156.	3.9	10
59	The application of electrochemical detection in capillary electrophoresis. Journal of the Iranian Chemical Society, 2017, 14, 717-725.	2.2	10
60	Voltammetric determination of adefovir dipivoxil by using a nanocomposite prepared from molecularly imprinted poly(o-phenylenediamine), multi-walled carbon nanotubes and carbon nitride. Mikrochimica Acta, 2019, 186, 427.	5.0	10
61	An electrochemical sensor based on an Eriochrome Black T polymer and deep eutectic solvent for the simultaneous determination of omeprazole and lansoprazole. Analytical Methods, 2020, 12, 4072-4079.	2.7	10
62	The effect of metal ions on the electrochemistry of the furazolidone. Electrochemistry Communications, 2006, 8, 565-570.	4.7	9
63	Synergistic Effect of ZnO Nanoparticles and Carbon Nanotube and Polymeric Film on Electrochemical Oxidation of Acyclovir. Iranian Journal of Pharmaceutical Research, 2018, 17, 52-62.	0.5	9
64	Electrochemical reduction of nickel(II) dithiocarboxylates at the mercury electrode. Canadian Journal of Chemistry, 1997, 75, 1023-1029.	1.1	8
65	Electrochemical Synthesis and Structural Characterization of a Novel Mixed-valence Copper (I)-copper (II) Complex: {[Bis(ethylenediamine) Copper (II)] Bis[diiodocuprate (I)]}. Molecules, 2007, 12, 1410-1419.	3.8	8
66	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. International Journal of Chemical Kinetics, 2007, 39, 340-345.	1.6	8
67	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. Journal of the Iranian Chemical Society, 2016, 13, 1289-1299.	2.2	8
68	Photochemically induced fluorimetry, UV-Vis spectroscopy, and voltammetry on the DNA/MWCNT/GCE to investigate the interaction of sulfamethazine with DNA: determination of DNA. Monatshefte für Chemie, 2016, 147, 837-844.	1.8	8
69	Improved Performance for Acyclovir Sensing in the Presence of Deep Eutectic Solvent and Nanostructures and Polymer. IEEE Sensors Journal, 2020, 20, 623-630.	4.7	8
70	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
71	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
72	Voltammetric Oxidation of Hantzsch 1,4-Dihydropyridines in Ethanol-Water Media. Letters in Organic Chemistry, 2006, 3, 111-114.	0.5	7

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73	Synthesis and characterization of [Cu(mb <sub>2</sub> )en] <sub>2</sub> ClO <sub>4</sub> and [Cu(mb <sub>2</sub> )en](PPh <sub>3</sub> ) <sub>2</sub> BPh <sub>4</sub> : crystal structure of [Cu(mb <sub>2</sub> )en] <sub>2</sub> ClO <sub>4</sub> . Journal of Coordination Chemistry, 2008, 61, 455-463.	2.2	7
74	A promising electrochemical sensing platform based on copper nanoparticles-decorated polymer in carbon nanotube electrode for monitoring methimazole. Journal of the Iranian Chemical Society, 2018, 15, 905-913.	2.2	7
75	ZnO/Polytyramine nanocomposite film: Facile electrosynthesis and high performance electrocatalytic activity toward methanol oxidation. International Journal of Hydrogen Energy, 2018, 43, 6987-6996.	7.1	7
76	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
77	Electro-Oxidation of 3,4-Dihydroxybenzoic Acid in the Presence of 6-Methyl-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. 1.4 Journal of the Chinese Chemical Society, 2007, 54, 1163-1166.		6
78	Improved effect of deep eutectic solvents on polymeric film of surfactant: application in determination and discrimination of dihydroxybenzene isomers as model molecules. New Journal of Chemistry, 2018, 42, 17659-17664.	2.8	6
79	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. IEEE Sensors Journal, 2021, 21, 1324-1331.	4.7	6
80	Electrochemical Reduction of 1,2-Di(p-tolylimino)ethane and 1,2-Di(2,4-dimethylphenylimino)ethane in Dimethylformamide. Chinese Journal of Chemistry, 2007, 25, 1577-1580.	4.9	4
81	Electrochemical synthesis and study of coordination compounds part 1: tin(II) catechol complexes. Journal of Coordination Chemistry, 2008, 61, 1744-1750.	2.2	4
82	Signal amplification for simultaneous determination of two proton pump inhibitors in biological matrix based on newly synthesized metal organic framework and polymeric film. Journal of Electroanalytical Chemistry, 2020, 860, 113923.	3.8	4
83	Voltage-step pulsed electromembrane extraction followed by high performance liquid chromatography analysis for simultaneous determination of paracetamol and codeine. Separation Science and Technology, 2022, 57, 768-776.	2.5	3
84	Electrochemical Behavior of Iron(III)/Iron(II) Couple in Dimethylformamide. Microchemical Journal, 1998, 60, 224-230.	4.5	1
85	Signal Amplification Based on a Polymeric Film Decorated With Nanocomposites for Sensitive Determination of Propranolol in Biological and Pharmaceutical Samples. IEEE Sensors Journal, 2021, 21, 20850-20856.	4.7	1
86	Multi-Walled Carbon Nanotubes (MWCNT)-Ionic Liquid-Modified Carbon Paste Electrode: Probing Furazolidone-DNA Interactions and DNA Determination. Helvetica Chimica Acta, 2014, 97, 1307-1315.	1.6	0