

# Mohammad Mazloum-Ardakani

## List of Publications by Year in descending order

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Version: 2024-02-01

231  
papers

7,828  
citations

38742

50  
h-index

76900

74  
g-index

232  
all docs

232  
docs citations

232  
times ranked

6726  
citing authors

#	ARTICLE	IF	CITATIONS
1	MXene-based cytosensor for the detection of HER2-positive cancer cells using CoFe <sub>2</sub> O <sub>4</sub> @Ag magnetic nanohybrids conjugated to the HB5 aptamer. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113626.	10.1	47
2	Optical cytosensors for the detection of circulating tumour cells. <i>Journal of Materials Chemistry B</i> , 2022, 10, 990-1004.	5.8	16
3	Boosted 2D graphene nanosheets by organic-inorganic hybrid cross-linker for an efficient and stable supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 9864-9875.	7.1	3
4	A green protocol for the electrochemical synthesis of a fluorescent dye with antibacterial activity from imipramine oxidation. <i>Scientific Reports</i> , 2022, 12, 4921.	3.3	2
5	Indium based metal-organic framework/carbon nanotubes composite as a template for In <sub>2</sub> O <sub>3</sub> porous hexagonal prisms/carbon nanotubes hybrid structure and their application as promising super-capacitive electrodes. <i>Journal of Energy Storage</i> , 2022, 51, 104238.	8.1	6
6	Design of a nanocytosensor for isolation and electrochemical detection of folate-overexpressed circulating tumor cells. <i>Sensors and Actuators B: Chemical</i> , 2022, 365, 131873.	7.8	9
7	Electrochemical system designed on a paper platform as a label-free immunosensor for cancer derived exosomes based on a mesoporous carbon foam- ternary nanocomposite. <i>Journal of Electroanalytical Chemistry</i> , 2022, 920, 116590.	3.8	5
8	CoFe <sub>2</sub> O <sub>4</sub> @methyl cellulose core-shell nanostructure and their hybrids with functionalized graphene aerogel for high performance asymmetric supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3984-3995.	7.1	19
9	Metal oxide-based gas sensors for the detection of exhaled breath markers. <i>Medical Devices &amp; Sensors</i> , 2021, 4, e10161.	2.7	36
10	Nanofibers modified through carbon and nitrogen co-doping and phase transformation for application in pseudocapacitors. <i>International Journal of Energy Research</i> , 2021, 45, 2343-2352.	4.5	1
11	In situ monitoring of gating approach on mesoporous silica nanoparticles thin-film generated by the EASA method for electrochemical detection of insulin. <i>Biosensors and Bioelectronics</i> , 2021, 180, 113124.	10.1	21
12	A green and template-free electropolymerization of imipramine. The decoration of sponge-like polymer film with gold nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , 2021, 894, 115340.	3.8	8
13	Arginine-functionalized graphene oxide for green and high-performance symmetric supercapacitors. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 30219-30229.	7.1	23
14	Vesicular release dynamics are altered by the interaction between the chemical cargo and vesicle membrane lipids. <i>Chemical Science</i> , 2021, 12, 10273-10278.	7.4	5
15	Novel Fe <sub>2</sub> O <sub>3</sub> @CeO <sub>2</sub> Core-shell-based Electrochemical Nanosensor for the Voltammetric Determination of Norepinephrine. <i>Electroanalysis</i> , 2020, 32, 455-461.	2.9	14
16	Enhance the performance of iron oxide nanoparticles in supercapacitor applications through internal contact of Fe <sub>2</sub> O <sub>3</sub> @CeO <sub>2</sub> core-shell. <i>Journal of Alloys and Compounds</i> , 2020, 819, 152949.	5.5	53
17	Electrochemical and theoretical study of novel functional porous graphene aerogel-supported Sm <sub>2</sub> O <sub>3</sub> nanoparticles for supercapacitor applications. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 571-582.	2.5	16
18	Electrochemical cytosensors for detection of breast cancer cells. <i>Biosensors and Bioelectronics</i> , 2020, 151, 111984.	10.1	69

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19	Application of bifunctional photoanode materials in DSSCs: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110249.	16.4	32
20	Application of a natural antioxidant as an efficient strategy to decrease the oxidation in Sn-based perovskites. <i>Journal of Alloys and Compounds</i> , 2020, 846, 156351.	5.5	13
21	Advances in aptasensor technology. <i>Advances in Clinical Chemistry</i> , 2020, 99, 237-279.	3.7	31
22	Electrocatalytic degradation of dibenzoazepine drugs by fluorine doped $\text{PbO}_2$ electrode: New insight into the electrochemical oxidation and mineralization mechanisms. <i>Journal of Electroanalytical Chemistry</i> , 2020, 862, 114037.	3.8	37
23	A Sensing Platform Using Ag/Pt Core-Shell Nanostructures Supported on Multiwalled Carbon Nanotubes to Detect Hydroxyurea. <i>Electroanalysis</i> , 2020, 32, 2137-2145.	2.9	9
24	Detection of Dexamethasone Sodium Phosphate in Blood Plasma: Application of Hematite in Electrochemical Sensors. <i>Electroanalysis</i> , 2020, 32, 1148-1154.	2.9	7
25	Enhancement of photovoltaic performance using a novel photocathode based on poly(3,4-ethylenedioxythiophene)/Ag-CuO nanocomposite in dye-sensitized solar cells. <i>Comptes Rendus Chimie</i> , 2020, 23, 105-115.	0.5	2
26	Typically used nanomaterials-based noncarbon materials in the fabrication of biosensors. , 2019, , 99-133.		4
27	A distinguished cancer-screening package containing a DNA sensor and an aptasensor for early and certain detection of acute lymphoblastic leukemia. <i>Clinica Chimica Acta</i> , 2019, 497, 41-47.	1.1	17
28	Designing and optimization of an electrochemical substitute for the MTT (3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide) cell viability assay. <i>Scientific Reports</i> , 2019, 9, 14966.	3.3	15
29	Fabrication of a high-performance hybrid supercapacitor using a modified graphene aerogel/cerium oxide nanoparticle composite. <i>Journal of Energy Storage</i> , 2019, 26, 100998.	8.1	22
30	Latest Trends in Electrochemical Sensors for Neurotransmitters: A Review. <i>Sensors</i> , 2019, 19, 2037.	3.8	92
31	Synthesis and application of $\text{Fe}_3\text{O}_4$ @nanocellulose/TiCl <sub>4</sub> as a nanofiller for high performance of quasisolid-state dye-sensitized solar cells. <i>International Journal of Energy Research</i> , 2019, 43, 4483-4494.	4.5	12
32	Synthesis of a porous interconnected nitrogen-doped graphene aerogel matrix incorporated with ytterbium oxide nanoparticles and its application in superior symmetric supercapacitors. <i>Electrochimica Acta</i> , 2019, 306, 480-488.	5.2	33
33	Improving the effective photovoltaic performance in dye-sensitized solar cells using an azobenzenecarboxylic acid-based system. <i>Heliyon</i> , 2019, 5, e01444.	3.2	20
34	Fabrication of an ultrasensitive and selective electrochemical aptasensor to detect carcinoembryonic antigen by using a new nanocomposite. <i>Biosensors and Bioelectronics</i> , 2019, 129, 1-6.	10.1	56
35	Synthesis of 2-amino-4-(4-(methylamino)phenyl)-6-phenylnicotinonitrile as a new additive for the passivation of the TiO <sub>2</sub> surface and retarding recombination in dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2018, 266, 452-459.	5.2	12
36	Investigation of Methanol Behavior at the Designed Electrochemical Sensor based on Ni(II) Complex and Graphene Nanosheets. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 603-612.	1.4	8

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37	Carbon Nanoparticles in High-Performance Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1702719.	19.5	74
38	A new composite consisting of electrosynthesized conducting polymers, graphene sheets and biosynthesized gold nanoparticles for biosensing acute lymphoblastic leukemia. <i>Bioelectrochemistry</i> , 2018, 121, 38-45.	4.6	39
39	Self-assembled monolayers of organosulfur derivative on gold nanoparticles as electrochemical sensor for determination of isoprenaline. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1061-1068.	2.2	7
40	Nickel nitride nanoparticles as efficient electrocatalyst for effective electro-oxidation of ethanol and methanol in alkaline media. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 229, 201-205.	3.5	37
41	Greener, Nonhalogenated Solvent Systems for Highly Efficient Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1800177.	19.5	106
42	Enhanced performance of label-free electrochemical immunosensor for carbohydrate antigen 15-3 based on catalytic activity of cobalt sulfide/graphene nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 580-587.	7.8	65
43	Recent advancements in compact layer development for perovskite solar cells. <i>Heliyon</i> , 2018, 4, e00912.	3.2	20
44	Reducing Surface Recombination by a Poly(4-vinylpyridine) Interlayer in Perovskite Solar Cells with High Open-Circuit Voltage and Efficiency. <i>ACS Omega</i> , 2018, 3, 5038-5043.	3.5	38
45	Simultaneous Determination of Ascorbic Acid, Uric Acid and Tryptophan by Novel Carbon Nanotube Paste Electrode. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 851-863.	0.5	3
46	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. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 101, 183-189.	5.0	75
47	A study of electrochemical behavior of quinazolin derivatives as novel additives and their specific effects on the performance of dye-sensitized solar cells. <i>Ionics</i> , 2017, 23, 1591-1599.	2.4	5
48	Detection of aflD gene in contaminated pistachio with <i>Aspergillus flavus</i> by DNA based electrochemical biosensor. <i>International Journal of Food Properties</i> , 2017, 20, S119-S130.	3.0	7
49	High-performance electrochemical sensor based on electrodeposited iron oxide nanoparticle: catecholamine as analytical probe. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1659-1664.	2.2	8
50	A new electrochemical biosensor based on telomeric G-quadruplex DNA: In silico and experimental study of dihydropyridine derivatives potential effect on telomerase inhibition. <i>Journal of Electroanalytical Chemistry</i> , 2017, 796, 24-32.	3.8	11
51	Graphene sheet for improving the electrocatalytic activity of a benzofuran derivative modified electrode for determination of epinephrine in the presence of serotonin. <i>Journal of Analytical Chemistry</i> , 2017, 72, 689-698.	0.9	5
52	Thiosemicarbazide derivative-functionalized carbon nanotube for simultaneous determination of isoprenaline and piroxicam. <i>Journal of Analytical Science and Technology</i> , 2017, 8, .	2.1	5
53	Different Electrocatalytic Response Related to the Morphological Structure of TiO <sub>2</sub> Nanomaterial: Hydroquinone as an Analytical Probe. <i>Electroanalysis</i> , 2017, 29, 231-237.	2.9	6
54	Electrochemical determination of diazepam in real samples based on fullerene-functionalized carbon nanotubes/ionic liquid nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 125-131.	7.8	74

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55	Influence of Nitrogen Doping on the Electrocatalytic Effect of TiO <sub>2</sub> Nanofibers. Journal of the Electrochemical Society, 2017, 164, H903-H907.	2.9	2
56	Enhanced electro-oxidation of urea based on nickel nanoparticle decorated reduced graphene oxide/PEDOT:PSS composite. Scientia Iranica, 2017, 24, 1678-1685.	0.4	2
57	Application of graphene oxide nanosheets as probe oligonucleotide immobilization platform for DNA sensing. Journal of the Iranian Chemical Society, 2016, 13, 2135-2142.	2.2	4
58	Enhanced activity for non-enzymatic glucose oxidation on nickel nanostructure supported on PEDOT:PSS. Journal of Electroanalytical Chemistry, 2016, 775, 116-120.	3.8	27
59	A comparative investigation for prostate cancer detection using two electrochemical biosensors based on various nanomaterials and the linker of thioglycolic acid. Journal of Electroanalytical Chemistry, 2016, 778, 23-31.	3.8	12
60	Investigation of Electrochemical Oxidation of Methanol at a Carbon Paste Electrode Modified with Ni(II)-BS Complex and Reduced Graphene Oxide Nano Sheets. Electroanalysis, 2016, 28, 2985-2992.	2.9	18
61	A Ruthenium Complex/Carbon Nanotube Based Electrode as the First Electrochemical Sensor for Simultaneous Sensing of D-Aspartic Acid, Penicillamine, Thioguanine and Catecholamines. Electroanalysis, 2016, 28, 1370-1376.	2.9	12
62	Nano composite system based on fullerene-functionalized carbon nanotubes for simultaneous determination of levodopa and acetaminophen. Measurement: Journal of the International Measurement Confederation, 2016, 91, 162-167.	5.0	27
63	Development of a Carbon Paste Electrode Modified with Reduced Graphene Oxide and an Imidazole Derivative for Simultaneous Determination of Biological Species of N-Acetylcysteine, Uric Acid and Dopamine. Electroanalysis, 2016, 28, 1625-1633.	2.9	18
64	A Sensitive Electrochemical Aptasensor for TNF- $\alpha$ Based on Bimetallic Ag@Pt Core-Shell Nanoparticle Functionalized Graphene Nanostructures as Labels for Signal Amplification. Journal of the Electrochemical Society, 2016, 163, B119-B124.	2.9	22
65	Development of an electrode modified on the basis of carbon nanoparticles and reduced graphene oxide for simultaneous determination of isoproterenol, uric acid and tryptophan in real samples. Journal of Electroanalytical Chemistry, 2016, 760, 151-157.	3.8	18
66	Surface passivation of titanium dioxide via an electropolymerization method to improve the performance of dye-sensitized solar cells. RSC Advances, 2016, 6, 12537-12543.	3.6	6
67	An aptasensor for tetracycline using a glassy carbon modified with nanosheets of graphene oxide. Mikrochimica Acta, 2016, 183, 1797-1804.	5.0	46
68	Comparison of impedimetric detection of DNA hybridization on the various biosensors based on modified glassy carbon electrodes with PANHS and nanomaterials of RGO and MWCNTs. Talanta, 2016, 147, 621-627.	5.5	69
69	Detection of the M268T Angiotensinogen A3B2 mutation gene based on screen-printed electrodes modified with a nanocomposite: application to human genomic samples. Mikrochimica Acta, 2016, 183, 219-227.	5.0	9
70	Ultrasensitive Electrochemical Immunosensor for Detection of Tumor Necrosis Factor- $\alpha$ Based on Functionalized MWCNT-Gold Nanoparticle/Ionic Liquid Nanocomposite. Electroanalysis, 2015, 27, 2518-2526.	2.9	33
71	A Highly Sensitive Sensor Based on Reduced Graphene Oxide, Carbon Nanotube and a Co(II) Complex Modified Carbon Paste Electrode: Simultaneous Determination of Isoprenaline, Captopril and Tryptophan. Electroanalysis, 2015, 27, 2792-2799.	2.9	12
72	Quantum-dot biosensor for hybridization and detection of R3500Q mutation of apolipoprotein B-100 gene. Biosensors and Bioelectronics, 2015, 72, 362-369.	10.1	10

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73	Ultrasensitive DNA sensor based on gold nanoparticles/reduced graphene oxide/glassy carbon electrode. <i>Analytical Biochemistry</i> , 2015, 484, 24-30.	2.4	68
74	A highly sensitive and selective electrochemical DNA biosensor to diagnose breast cancer. <i>Journal of Electroanalytical Chemistry</i> , 2015, 750, 57-64.	3.8	77
75	Construction of a nanocomposite sensor by the modification of a carbon-paste electrode with reduced graphene oxide and a hydroquinone derivative: simultaneous determination of glutathione and penicillamine. <i>Analytical Methods</i> , 2015, 7, 5538-5544.	2.7	7
76	Simple and label-free detection of DNA hybridization on a modified graphene nanosheets electrode. <i>Talanta</i> , 2015, 137, 80-86.	5.5	38
77	Electrochemical investigation of graphene/nanoporous carbon black for supercapacitors. <i>Materials Science in Semiconductor Processing</i> , 2015, 33, 89-93.	4.0	8
78	Carbon nanotube electrochemical sensor based on and benzofuran derivative as a mediator for the determination of levodopa, acetaminophen, and tryptophan. <i>Ionics</i> , 2015, 21, 1741-1749.	2.4	25
79	Synthesis and electrocatalytic effect of Ag@Pt core-shell nanoparticles supported on reduced graphene oxide for sensitive and simple label-free electrochemical aptasensor. <i>Biosensors and Bioelectronics</i> , 2015, 74, 30-36.	10.1	63
80	Simultaneous determination of hydrazine and hydroxylamine based on fullerene-functionalized carbon nanotubes/ionic liquid nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2015, 214, 132-137.	7.8	52
81	Label-free electrochemical immunosensor for detection of tumor necrosis factor $\hat{\pm}$ based on fullerene-functionalized carbon nanotubes/ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , 2015, 757, 58-64.	3.8	71
82	Electrocatalytic Properties of Vanadyl Complex in Graphite Nanocomposite and its Enhanced Electrochemical Catalysis Properties for Levodopa Oxidation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1576-1581.	3.7	6
83	Enhanced performance of dye-sensitized solar cells with dual-function coadsorbent: reducing the surface concentration of dye-iodine complexes concomitant with attenuated charge recombination. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22985-22990.	2.8	23
84	A nanocomposite electrocatalyst for the electro-oxidation of isoproterenol and its application as a sensor. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1273-1279.	14.0	4
85	Highly-sensitive label-free immunosensor for tumor necrosis factor $\hat{\pm}$ based on Ag@Pt core-shell nanoparticles supported on MWCNTs as an efficient electrocatalyst nanocomposite. <i>RSC Advances</i> , 2015, 5, 70781-70786.	3.6	24
86	Fabrication of modified glassy carbon electrode using graphene quantum dot, gold nanoparticles and 4-(((4-mercaptophenyl)imino)methyl) benzene-1,2-diol by self-assembly method and investigation of their electrocatalytic activities. <i>Journal of Electroanalytical Chemistry</i> , 2015, 738, 113-122.	3.8	49
87	A self-assembled monolayer on gold nanoparticles modified electrode for simultaneous determination of isoproterenol and uric acid. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015, 62, 88-96.	5.0	24
88	Electrochemical determination of captopril in the presence of acetaminophen, tryptophan, folic acid, and l-cysteine at the surface of modified carbon nanotube paste electrode. <i>Ionics</i> , 2015, 21, 239-250.	2.4	14
89	Electrochemical deposition of gold nanoparticles on reduced graphene oxide modified glassy carbon electrode for simultaneous determination of levodopa, uric acid and folic acid. <i>Journal of Electroanalytical Chemistry</i> , 2015, 736, 22-29.	3.8	70
90	Characterization of new molecular self-assembled monolayers on gold electrode by QCM, EIS, SEM and CV techniques: application for electrocatalytic determination of dopamine in the presence of acetaminophen. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 677-685.	2.2	4

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91	Comparison of impedimetric detection of DNA hybridization on chemically and electrochemically functionalized multi-wall carbon nanotubes modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 673-682.	7.8	39
92	Simultaneous Determination of Isoproterenol, Acetaminophen and Folic Acid Using Nanostructured Electrochemical Sensor Based on Benzofuran Derivative and Carbon Nanotubes. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	1
93	High sensitive sensor based on functionalized carbon nanotube/ionic liquid nanocomposite for simultaneous determination of norepinephrine and serotonin. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 17-23.	3.8	58
94	Preparation of Cu (II) imprinted polymer electrode and its application for potentiometric and voltammetric determination of Cu (II). <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 257-262.	2.2	12
95	Electrocatalytic properties of functionalized carbon nanotubes with titanium dioxide and benzofuran derivative/ionic liquid for simultaneous determination of isoproterenol and serotonin. <i>Electrochimica Acta</i> , 2014, 130, 634-641.	5.2	36
96	Nanomolar detection limit for determination of norepinephrine in the presence of acetaminophen and tryptophan using carbon nanotube-based electrochemical sensor. <i>Ionics</i> , 2014, 20, 431-437.	2.4	8
97	Two kinds of electrochemical immunoassays for the tumor necrosis factor $\hat{\pm}$ in human serum using screen-printed graphite electrodes modified with poly(anthranilic acid). <i>Mikrochimica Acta</i> , 2014, 181, 917-924.	5.0	29
98	High performance electrochemical sensor based on fullerene-functionalized carbon nanotubes/ionic liquid: Determination of some catecholamines. <i>Electrochemistry Communications</i> , 2014, 42, 9-12.	4.7	53
99	Simultaneous determination of the concentrations of isoproterenol, uric acid, and folic acid in solution using a novel nanostructure- based electrochemical sensor. <i>Chinese Journal of Catalysis</i> , 2014, 35, 565-572.	14.0	14
100	Simple and label-free electrochemical impedance Amelogenin gene hybridization biosensing based on reduced graphene oxide. <i>Biosensors and Bioelectronics</i> , 2014, 58, 145-152.	10.1	76
101	Simultaneous Determination of Isoproterenol, Acetaminophen and Folic Acid Using a Novel Nanostructure-Based Electrochemical Sensor. <i>Electroanalysis</i> , 2014, 26, 275-284.	2.9	28
102	Electrocatalysis of dopamine in the presence of uric acid and folic acid on modified carbon nanotube paste electrode. <i>Chinese Journal of Catalysis</i> , 2014, 35, 201-209.	14.0	20
103	Electrochemical and catalytic investigations of epinephrine, acetaminophen and folic acid at the surface of titanium dioxide nanoparticle-modified carbon paste electrode. <i>Ionics</i> , 2014, 20, 1757-1765.	2.4	15
104	A chemically modified electrode with hydroquinone derivative based on carbon nanoparticles for simultaneous determination of isoproterenol, uric acid, folic acid and tryptophan. <i>Analytical Methods</i> , 2014, 6, 4462-4468.	2.7	19
105	Application of graphene to modified ionic liquid graphite composite and its enhanced electrochemical catalysis properties for levodopa oxidation. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 282-288.	7.8	31
106	Thiocyanate ion selective electrode based on bis(N-3-methylphenyl salicylidenediaminato)copper(II) ionophore. <i>Chinese Chemical Letters</i> , 2014, 25, 1639-1642.	9.0	19
107	Screen-printed electrodes for biosensing: a review (2008-2013). <i>Mikrochimica Acta</i> , 2014, 181, 865-891.	5.0	387
108	Electrochemical detection of the MT-ND6 gene and its enzymatic digestion: Application in human genomic sample. <i>Analytical Biochemistry</i> , 2014, 455, 60-64.	2.4	4

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109	Electrochemical immunoassay based on aptamer-protein interaction and functionalized polymer for cancer biomarker detection. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 119-124.	3.8	65
110	Oxidized multiwalled carbon nanotubes for improving the electrocatalytic activity of a Schiff base modified electrode in determination of isoprenaline. <i>Journal of Electroanalytical Chemistry</i> , 2013, 705, 75-80.	3.8	28
111	Carbon nanotubes and (4-((E)-(2-methyl-4-nitrophenylimino) methyl) benzene-1,2-diol) modified glassy carbon electrode as a new electrocatalyst for oxidation of levodopa. <i>Catalysis Science and Technology</i> , 2013, 3, 2634.	4.1	1
112	Selective and Simultaneous Voltammetric Determination of Glutathione, Uric Acid and Penicillamine by a Modified Carbon Nanotube Paste Electrode. <i>Electroanalysis</i> , 2013, 25, 2021-2029.	2.9	35
113	An electrochemical sensor based on carbon nanotubes and a new Schiff base for selective determination of dopamine in the presence of uric acid, folic acid, and acetaminophen. <i>Ionics</i> , 2013, 19, 1663-1671.	2.4	7
114	Nano composite system based on coumarin derivative-titanium dioxide nanoparticles and ionic liquid: Determination of levodopa and carbidopa in human serum and pharmaceutical formulations. <i>Analytica Chimica Acta</i> , 2013, 798, 25-32.	5.4	52
115	Electrochemical behavior of dopamine at a [1,10-bis(2,2,2-trifluoroethyl)-4,4'-diol-modified carbon nanotube paste electrode and the simultaneous determination of dopamine, folic acid and uric acid. <i>Analytical Methods</i> , 2013, 5, 6982.	2.7	10
116	Application of Co(II) complex multi-wall carbon nanotube modified carbon paste electrodes for electrocatalytic determination of hydroxylamine. <i>Analytical Methods</i> , 2013, 5, 6649.	2.7	22
117	Sex determination based on amelogenin DNA by modified electrode with gold nanoparticle. <i>Analytical Biochemistry</i> , 2013, 443, 132-138.	2.4	25
118	MCM/ZrO <sub>2</sub> nanoparticles modified electrode for simultaneous and selective voltammetric determination of epinephrine and acetaminophen. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 1-5.	2.2	17
119	Fabrication of an electrochemical sensor based on nanostructured polyaniline doped with tungstophosphoric acid for simultaneous determination of low concentrations of norepinephrine, acetaminophen and folic acid. <i>Journal of Molecular Liquids</i> , 2013, 178, 63-69.	4.9	29
120	CA...125 Immunosensor Based on Poly-Anthranilic Acid Modified Screen-Printed Electrodes. <i>Electroanalysis</i> , 2013, 25, 269-277.	2.9	58
121	An electrochemical study of benzofuran derivative in modified electrode-based CNT/ionic liquids for determining nanomolar concentrations of hydrazine. <i>Electrochimica Acta</i> , 2013, 103, 77-84.	5.2	68
122	Label free MUC1 aptasensors based on electrodeposition of gold nanoparticles on screen printed electrodes. <i>Electrochemistry Communications</i> , 2013, 33, 127-130.	4.7	75
123	Nanomolar determination of Pb (II) ions by selective templated electrode. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 899-910.	0.8	8
124	Detection of amplified SRY gene by a novel electrochemical biosensor based on gold nanoparticles. <i>Scientia Iranica</i> , 2012, 19, 913-918.	0.4	8
125	Impedimetric and Potentiometric Investigation of a Sulfate Anion-Selective Electrode: Experiment and Simulation. <i>Analytical Chemistry</i> , 2012, 84, 2614-2621.	6.5	14
126	Application of nanosized MCM-41 to fabrication of a nanostructured electrochemical sensor for the simultaneous determination of levodopa and carbidopa. <i>Analyst</i> , 2012, 137, 1950.	3.5	39



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127	Electrochemical Study of Catechol Derivatives in the Presence of $\beta^2$ -diketones: Synthesis of Benzofuran Derivatives. <i>Journal of the Electrochemical Society</i> , 2012, 159, H912-H917.	2.9	17
128	Determination of lead (II) ion by highly selective and sensitive lead (II) membrane electrode based on 2-(((E)-2-((E)-1-(2-hydroxyphenyl) methyliden)hydrazono)methyl)phenol. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1638-1649.	3.3	7
129	Simultaneous determination of captopril, acetaminophen and tryptophan at a modified electrode based on carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , 2012, 686, 12-18.	3.8	44
130	Carbon nanoparticles and a new derivative of hydroquinone for modification of a carbon paste electrode for simultaneous determination of epinephrine and acetaminophen. <i>Analytical Methods</i> , 2012, 4, 2127.	2.7	34
131	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
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147	Electrocatalytic determination of chlorpromazine drug using Alizarin Red S as a mediator on the glassy carbon electrode. <i>Russian Journal of Electrochemistry</i> , 2011, 47, 34-41.	0.9	18
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165	Voltammetric determination of hydroxylamine at the surface of a quinizarine/TiO <sub>2</sub> nanoparticles-modified carbon paste electrode. <i>Analytical Methods</i> , 2010, 2, 1764.	2.7	28
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