

# Mohammad Mazloun-Ardakani

## List of Publications by Citations

**Source:**  
<https://exaly.com/author-pdf/1474231/mohammad-mazloun-ardakani-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

227 papers	6,183 citations	46 h-index	66 g-index
232 ext. papers	6,803 ext. citations	4.8 avg, IF	6.21 L-index

#	Paper	IF	Citations
227	Screen-printed electrodes for biosensing: a review (2008-2013). <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 865-891	5.8	298
226	Electrochemical properties of a tetrabromo-p-benzoquinone modified carbon paste electrode. Application to the simultaneous determination of ascorbic acid, dopamine and uric acid. <i>Journal of Electroanalytical Chemistry</i> , <b>2005</b> , 577, 25-33	4.1	208
225	New strategy for simultaneous and selective voltammetric determination of norepinephrine, acetaminophen and folic acid using ZrO <sub>2</sub> nanoparticles-modified carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , <b>2010</b> , 151, 243-249	8.5	177
224	Novel 2,2R[1,2-ethanediylbis(nitriloethylidyne)]-bis-hydroquinone double-wall carbon nanotube paste electrode for simultaneous determination of epinephrine, uric acid and folic acid. <i>Biosensors and Bioelectronics</i> , <b>2008</b> , 24, 362-8	11.8	172
223	Voltammetric studies of an oracet blue modified glassy carbon electrode and its application for the simultaneous determination of dopamine, ascorbic acid and uric acid. <i>Journal of Electroanalytical Chemistry</i> , <b>2006</b> , 589, 60-69	4.1	148
222	Electrochemical and catalytic investigations of dopamine and uric acid by modified carbon nanotube paste electrode. <i>Bioelectrochemistry</i> , <b>2009</b> , 75, 1-8	5.6	122
221	Solid phase extraction of copper (II) by sorption on octadecyl silica membrane disk modified with a new Schiff base and determination with atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2008</b> , 63, 885-888	3.1	102
220	Simultaneous determination of levodopa, carbidopa and tryptophan using nanostructured electrochemical sensor based on novel hydroquinone and carbon nanotubes: Application to the analysis of some real samples. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 9113-9120	6.7	87
219	Electrocatalytic characteristics of uric acid oxidation at graphite/zeolite-modified electrode doped with iron (III). <i>Journal of Electroanalytical Chemistry</i> , <b>2006</b> , 586, 31-38	4.1	85
218	Mercury selective membrane electrodes using 2-mercaptobenzimidazole, 2-mercaptobenzothiazole, and hexathiacyclooctadecane carriers. <i>Sensors and Actuators B: Chemical</i> , <b>2000</b> , 63, 80-85	8.5	82
217	Greener, Nonhalogenated Solvent Systems for Highly Efficient Perovskite Solar Cells. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1800177	21.8	80
216	A highly sensitive nanostructure-based electrochemical sensor for electrocatalytic determination of norepinephrine in the presence of acetaminophen and tryptophan. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 2102-6	11.8	78
215	Norepinephrine-modified glassy carbon electrode for the simultaneous determination of ascorbic acid and uric acid. <i>Electrochimica Acta</i> , <b>2005</b> , 50, 3495-3502	6.7	78
214	Novel nanostructure electrochemical sensor for electrocatalytic determination of norepinephrine in the presence of high concentrations of acetaminophene and folic acid. <i>Applied Catalysis A: General</i> , <b>2010</b> , 378, 195-201	5.1	76
213	Simple and label-free electrochemical impedance Amelogenin gene hybridization biosensing based on reduced graphene oxide. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 58, 145-52	11.8	68
212	Label-free electrochemical immunosensor for detection of tumor necrosis factor $\alpha$ based on fullerene-functionalized carbon nanotubes/ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 757, 58-64	4.1	65
211	Electrocatalytic oxidation and voltammetric determination of levodopa in the presence of carbidopa at the surface of a nanostructure based electrochemical sensor. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 35, 75-81	11.8	65

210	Electrochemical determination of diazepam in real samples based on fullerene-functionalized carbon nanotubes/ionic liquid nanocomposite. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 240, 125-131	8.5	65
209	Electrochemical sensor for simultaneous determination of norepinephrine, paracetamol and folic acid by a nanostructured mesoporous material. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 171-172, 380-386	8.5	64
208	Simultaneous determination of epinephrine and acetaminophen concentrations using a novel carbon paste electrode prepared with 2,2R[1,2 butanediylbis(nitriloethylidyne)]-bis-hydroquinone and TiO(2) nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2010</b> , 76, 82-7	6	63
207	A highly sensitive and selective electrochemical DNA biosensor to diagnose breast cancer. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 750, 57-64	4.1	62
206	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> , <b>2015</b> , 736, 22-29	4.1	59
205	Carbon Nanoparticles in High-Performance Perovskite Solar Cells. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1702719	21.8	59
204	Label free MUC1 aptasensors based on electrodeposition of gold nanoparticles on screen printed electrodes. <i>Electrochemistry Communications</i> , <b>2013</b> , 33, 127-130	5.1	59
203	Electrocatalytic oxidation and nanomolar determination of guanine at the surface of a molybdenum (VI) complex/TiO2 nanoparticle modified carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2008</b> , 624, 73-78	4.1	58
202	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. <i>Talanta</i> , <b>2016</b> , 147, 621-7	6.2	57
201	Ultrasensitive DNA sensor based on gold nanoparticles/reduced graphene oxide/glassy carbon electrode. <i>Analytical Biochemistry</i> , <b>2015</b> , 484, 24-30	3.1	57
200	Simultaneous determination of epinephrine and uric acid at a gold electrode modified by a 2-(2,3-dihydroxy phenyl)-1, 3-dithiane self-assembled monolayer. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 651, 243-249	4.1	57
199	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. <i>Analyst, The</i> , <b>2011</b> , 136, 1965-70	5	57
198	Electrochemical immunoassay based on aptamer-protein interaction and functionalized polymer for cancer biomarker detection. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 717-718, 119-124	4.1	55
197	An electrochemical study of benzofuran derivative in modified electrode-based CNT/ionic liquids for determining nanomolar concentrations of hydrazine. <i>Electrochimica Acta</i> , <b>2013</b> , 103, 77-84	6.7	55
196	Selective voltammetric determination of d-penicillamine in the presence of tryptophan at a modified carbon paste electrode incorporating TiO2 nanoparticles and quinizarine. <i>Journal of Electroanalytical Chemistry</i> , <b>2010</b> , 644, 1-6	4.1	55
195	Electrochemical behavior of ascorbic acid at a 2,2R[3,6-Dioxa-1,8-octanediylbis(nitriloethylidyne)]-bis-hydroquinone carbon paste electrode. <i>Analytical Sciences</i> , <b>2008</b> , 24, 1039-44	1.7	54
194	Electrochemical properties and electrocatalytic activity of hematoxylin modified carbon paste electrode toward the oxidation of reduced nicotinamide adenine dinucleotide (NADH). <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 120, 288-294	8.5	54
193	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> , <b>2015</b> , 74, 30-6	11.8	53

192	Electrochemical characterization of 2, 2'-[1, 2-ethanediy]bis (nitrioloethylidyne)]-bis-hydroquinone-carbon nanotube paste electrode and its application to simultaneous voltammetric determination of ascorbic acid and uric acid. <i>Journal of Solid State Electrochemistry</i> , <b>2009</b> , 13, 353-363	2.6	53
191	Electrocatalytic hydrazine oxidation on quinizarine modified glassy carbon electrode. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 6118-6124	6.7	53
190	Electrocatalytic oxidation of hydroxylamine at a rutin multi-wall carbon nanotubes modified glassy carbon electrode: Improvement of the catalytic activity. <i>Sensors and Actuators B: Chemical</i> , <b>2007</b> , 126, 641-647	8.5	52
189	Latest Trends in Electrochemical Sensors for Neurotransmitters: A Review. <i>Sensors</i> , <b>2019</b> , 19,	3.8	49
188	CA 125 Immunosensor Based on Poly-Anthranilic Acid Modified Screen-Printed Electrodes. <i>Electroanalysis</i> , <b>2013</b> , 25, 269-277	3	49
187	Electropolymerization of Thin Film Conducting Polymer and Its Application for Simultaneous Determination of Ascorbic Acid, Dopamine and Uric Acid. <i>Electroanalysis</i> , <b>2011</b> , 23, 2822-2831	3	49
186	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> , <b>2017</b> , 101, 183-189	4.6	48
185	High sensitive sensor based on functionalized carbon nanotube/ionic liquid nanocomposite for simultaneous determination of norepinephrine and serotonin. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 717-718, 17-23	4.1	48
184	Highly selective lead(II) coated-wire electrode based on a new Schiff base. <i>Sensors and Actuators B: Chemical</i> , <b>2003</b> , 96, 441-445	8.5	48
183	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> , <b>2018</b> , 255, 580-587	8.5	46
182	High performance electrochemical sensor based on fullerene-functionalized carbon nanotubes/ionic liquid: Determination of some catecholamines. <i>Electrochemistry Communications</i> , <b>2014</b> , 42, 9-12	5.1	46
181	Selective thiocyanate poly(vinyl chloride) membrane based on a 1,8-dibenzyl-1,3,6,8,10,13-hexaazacyclotetradecaneNi(II) perchlorate. <i>Analytica Chimica Acta</i> , <b>2002</b> , 462, 25-30	6.6	46
180	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> , <b>2013</b> , 798, 25-32	6.6	45
179	Fabrication of modified TiO <sub>2</sub> nanoparticle carbon paste electrode for simultaneous determination of dopamine, uric acid, and L-cysteine. <i>Journal of Solid State Electrochemistry</i> , <b>2009</b> , 13, 1433-1440	2.6	45
178	Electrocatalytic determination of hydroxylamine with alizarin red S as a homogenous mediator on the glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 132, 52-59	8.5	44
177	Simultaneous determination of hydrazine and hydroxylamine based on fullerene-functionalized carbon nanotubes/ionic liquid nanocomposite. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 214, 132-137	8.5	43
176	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> , <b>2015</b> , 738, 113-122	4.1	43
175	Determination of silver(I) by flame atomic absorption spectrometry after separation/preconcentration using modified magnetite nanoparticles. <i>Scientia Iranica</i> , <b>2011</b> , 18, 790-796 <sup>1-5</sup>	1.5	43

174	Electrochemical evaluation of coumestan modified carbon paste electrode: Study on its application as a NADH biosensor in presence of uric acid. <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 114, 610-617	8.5	41
173	Simultaneous determination of captopril, acetaminophen and tryptophan at a modified electrode based on carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , <b>2012</b> , 686, 12-18	4.1	40
172	Electrochemical cytosensors for detection of breast cancer cells. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 151, 111984	11.8	39
171	Electrochemical behavior of electrodeposited rutin film on a multi-wall carbon nanotubes modified glassy carbon electrode. Improvement of the electrochemical reversibility and its application as a hydrazine sensor. <i>Journal of Solid State Electrochemistry</i> , <b>2007</b> , 11, 971-979	2.6	38
170	An aptasensor for tetracycline using a glassy carbon modified with nanosheets of graphene oxide. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 1797-1804	5.8	37
169	Application of nanosized MCM-41 to fabrication of a nanostructured electrochemical sensor for the simultaneous determination of levodopa and carbidopa. <i>Analyst, The</i> , <b>2012</b> , 137, 1950-5	5	37
168	Lead ion-selective electrode prepared by sol-gel and PVC membrane techniques. <i>Sensors and Actuators B: Chemical</i> , <b>2005</b> , 107, 438-445	8.5	37
167	Fabrication of an ultrasensitive and selective electrochemical aptasensor to detect carcinoembryonic antigen by using a new nanocomposite. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 129, 1-6	11.8	36
166	Pentacyclooctaza as a neutral carrier in coated-wire ion-selective electrode for nickel(II). <i>Sensors and Actuators B: Chemical</i> , <b>2002</b> , 82, 259-264	8.5	35
165	Simultaneous and selective voltammetric determination of , and at a nanoparticles modified paste electrode. <i>Analytical Methods</i> , <b>2011</b> , 3, 673-677	3.2	34
164	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> , <b>2012</b> , 4, 2127	3.2	33
163	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> , <b>2015</b> , 207, 673-682	8.5	32
162	Simple and label-free detection of DNA hybridization on a modified graphene nanosheets electrode. <i>Talanta</i> , <b>2015</b> , 137, 80-6	6.2	32
161	Highly selective thiocyanate membrane electrode based on butane-2,3-dione bis(salicylhydrazonato)zinc(II) complex. <i>Talanta</i> , <b>2005</b> , 66, 837-43	6.2	32
160	Selective and Simultaneous Voltammetric Determination of Glutathione, Uric Acid and Penicillamine by a Modified Carbon Nanotube Paste Electrode. <i>Electroanalysis</i> , <b>2013</b> , 25, 2021-2029	3	31
159	Ultrasensitive Electrochemical Immunosensor for Detection of Tumor Necrosis Factor- $\alpha$ Based on Functionalized MWCNT-Gold Nanoparticle/Ionic Liquid Nanocomposite. <i>Electroanalysis</i> , <b>2015</b> , 27, 2518-2526	3.3	30
158	Reducing Surface Recombination by a Poly(4-vinylpyridine) Interlayer in Perovskite Solar Cells with High Open-Circuit Voltage and Efficiency. <i>ACS Omega</i> , <b>2018</b> , 3, 5038-5043	3.9	29
157	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> , <b>2014</b> , 204, 282-288	8.5	29

156	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> , <b>2014</b> , 130, 634-641	6.7	29
155	A new composite consisting of electrosynthesized conducting polymers, graphene sheets and biosynthesized gold nanoparticles for biosensing acute lymphoblastic leukemia. <i>Bioelectrochemistry</i> , <b>2018</b> , 121, 38-45	5.6	28
154	Nanomolar concentrations determination of hydrazine by a modified carbon paste electrode incorporating TiO <sub>2</sub> nanoparticles. <i>Nanoscale</i> , <b>2011</b> , 3, 1683-9	7.7	28
153	Electrochemical determination of vitamin C in the presence of uric acid by a novel TiO <sub>2</sub> nanoparticles modified carbon paste electrode. <i>Chinese Chemical Letters</i> , <b>2010</b> , 21, 1471-1474	8.1	27
152	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> , <b>2013</b> , 178, 63-69	6	26
151	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> , <b>2019</b> , 306, 480-488	6.7	25
150	Two kinds of electrochemical immunoassays for the tumor necrosis factor $\alpha$ in human serum using screen-printed graphite electrodes modified with poly(anthranilic acid). <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 917-924	5.8	25
149	Electrocatalytic oxidation of cysteine by quinizarine at glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , <b>2007</b> , 123, 763-768	8.5	25
148	Sex determination based on amelogenin DNA by modified electrode with gold nanoparticle. <i>Analytical Biochemistry</i> , <b>2013</b> , 443, 132-8	3.1	24
147	A copper ion-selective electrode with high selectivity prepared by sol-gel and coated wire techniques. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 378, 1659-65	4.4	24
146	Potentiometric determination of silver(I) by selective membrane electrode based on derivative of porphyrin. <i>Analytical Sciences</i> , <b>2004</b> , 20, 1667-72	1.7	24
145	Nano composite system based on fullerene-functionalized carbon nanotubes for simultaneous determination of levodopa and acetaminophen. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2016</b> , 91, 162-167	4.6	23
144	Simultaneous Determination of Isoproterenol, Acetaminophen and Folic Acid Using a Novel Nanostructure-Based Electrochemical Sensor. <i>Electroanalysis</i> , <b>2014</b> , 26, 275-284	3	23
143	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> , <b>2013</b> , 705, 75-80	4.1	23
142	Flame atomic absorption spectrometric determination of $\mu$ g amounts of Fe (III) ions after solid phase extraction using modified octadecyl silica membrane disks. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2008</b> , 63, 889-892	3.1	23
141	Highly-sensitive label-free immunosensor for tumor necrosis factor $\alpha$ based on Ag@Pt core-shell nanoparticles supported on MWCNTs as an efficient electrocatalyst nanocomposite. <i>RSC Advances</i> , <b>2015</b> , 5, 70781-70786	3.7	22
140	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> , <b>2018</b> , 229, 201-205	3.1	22
139	Carbon nanotube electrochemical sensor based on and benzofuran derivative as a mediator for the determination of levodopa, acetaminophen, and tryptophan. <i>Ionics</i> , <b>2015</b> , 21, 1741-1749	2.7	22



138	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> , <b>2012</b> , 92, 1325-1340	1.8	21
137	Voltammetric determination of hydroxylamine at the surface of a quinizarine/TiO <sub>2</sub> nanoparticles-modified carbon paste electrode. <i>Analytical Methods</i> , <b>2010</b> , 2, 1764	3.2	21
136	Nanomolar determination of hydrazine by TiO <sub>2</sub> nanoparticles modified carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 2285-2292	2.6	21
135	Enhanced activity for non-enzymatic glucose oxidation on nickel nanostructure supported on PEDOT:PSS. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 775, 116-120	4.1	21
134	A Sensitive Electrochemical Aptasensor for TNF- $\alpha$ Based on Bimetallic Ag@Pt Core-Shell Nanoparticle Functionalized Graphene Nanostructures as Labels for Signal Amplification. <i>Journal of the Electrochemical Society</i> , <b>2016</b> , 163, B119-B124	3.9	20
133	Electrocatalysis of dopamine in the presence of uric acid and folic acid on modified carbon nanotube paste electrode. <i>Chinese Journal of Catalysis</i> , <b>2014</b> , 35, 201-209	11.3	20
132	Application of Co(II) complex multi-wall carbon nanotube modified carbon paste electrodes for electrocatalytic determination of hydroxylamine. <i>Analytical Methods</i> , <b>2013</b> , 5, 6649	3.2	19
131	Selective determination of cysteine in the presence of tryptophan by carbon paste electrode modified with quinizarine. <i>Journal of the Iranian Chemical Society</i> , <b>2010</b> , 7, 251-259	2	19
130	Silver-Selective Coated-Wire Electrode Based on Resorcin[4]arene Neutral Carrier. <i>Electroanalysis</i> , <b>2002</b> , 14, 376-381	3	19
129	Coated-wire copper(II)-selective electrode based on phenylglyoxal- $\alpha$ -monoxime ionophore. <i>Analytical and Bioanalytical Chemistry</i> , <b>2002</b> , 372, 718-22	4.4	19
128	Iodide-selective membrane electrode based on salophen complex of cobalt (III). <i>Journal of the Brazilian Chemical Society</i> , <b>2005</b> , 16, 571-577	1.5	19
127	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> , <b>2020</b> , 819, 152949	5.7	19
126	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> , <b>2015</b> , 17, 22985-90	3.6	18
125	Simultaneous determination of levodopa and carbidopa by a novel nanostructure modified carbon paste electrode. <i>Journal of the Iranian Chemical Society</i> , <b>2012</b> , 9, 27-34	2	18
124	Electrochemical Study of Catechol Derivatives in the Presence of $\beta$ -diketones: Synthesis of Benzofuran Derivatives. <i>Journal of the Electrochemical Society</i> , <b>2012</b> , 159, H912-H917	3.9	17
123	Spectrophotometric Determination of Acidity Constants of Alizarine Red S in Mixed Aqueous/Organic Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2006</b> , 51, 1530-1535	2.8	17
122	Perchlorate-selective membrane electrode based on a new complex of uranyl. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 381, 1186-92	4.4	17
121	Lead-Selective Poly(vinyl chloride) Membrane Electrode Based on 1-Phenyl-2-(2-quinolyl)-1,2-dioxo-2-(4-bromo) phenylhydrazine. <i>Bulletin of the Korean Chemical Society</i> , <b>2005</b> , 26, 51-56	1.2	17

120	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> , <b>2015</b> , 62, 88-96	4.6	16
119	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> , <b>2014</b> , 6, 4462-4468	3.2	16
118	Electrocatalytic oxidation of dopamine on 2,2'-[3,6-dioxo-1,8-octanediy]bis(nitriloethylidyne)]-bis-hydroquinone modified carbon paste electrode. <i>Analytical Methods</i> , <b>2010</b> , 2, 149-153	3.2	16
117	A highly selective nitrate electrode based on a tetramethyl cyclotetra-decanato-nickel(II) complex. <i>Journal of Electroanalytical Chemistry</i> , <b>2004</b> , 568, 1-6	4.1	16
116	Thiocyanate ion selective electrode based on bis(N-3-methylphenyl salicylidenaminato)copper(II) ionophore. <i>Chinese Chemical Letters</i> , <b>2014</b> , 25, 1639-1642	8.1	15
115	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> , <b>2019</b> , 497, 41-47	6.2	14
114	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> , <b>2013</b> , 10, 1-5	2	14
113	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> , <b>2012</b> , 9, 171-180	2	14
112	Bis(2-hydroxyacetophenone)ethylenediimine as a neutral carrier in a coated-wire membrane electrode for lead(II). <i>Analytical Sciences</i> , <b>2006</b> , 22, 865-70	1.7	14
111	Selective nitrate poly(vinylchloride) membrane electrode based on bis(2-hydroxyacetophenone)ethylenediimine vanadyl (IV). <i>Sensors and Actuators B: Chemical</i> , <b>2004</b> , 101, 302-307	8.5	14
110	Recent advancements in compact layer development for perovskite solar cells. <i>Heliyon</i> , <b>2018</b> , 4, e00912	3.6	14
109	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> , <b>2015</b> , 21, 239-250	2.7	13
108	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. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 760, 151-157	4.1	13
107	Electrocatalytic determination of chlorpromazine drug using Alizarin Red S as a mediator on the glassy carbon electrode. <i>Russian Journal of Electrochemistry</i> , <b>2011</b> , 47, 34-41	1.2	13
106	Electrocatalytic determination of epinephrine and uric acid using a novel hydroquinone modified carbon paste electrode. <i>Chinese Chemical Letters</i> , <b>2011</b> , 22, 705-708	8.1	13
105	Application of principal component-wavelet neural network in spectrophotometric determination of acidity constants of 4-(2-thiazolylazo)-resorcinol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 78, 1380-5	4.4	13
104	Highly selective oxalate-membrane electrode based on 2,2R[1,4-butandiyle bis(nitrilo propylidene)]bis-1-naphtholato copper(II). <i>Biosensors and Bioelectronics</i> , <b>2006</b> , 21, 1156-62	11.8	13
103	Application of bifunctional photoanode materials in DSSCs: A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 134, 110249	16.2	13



102	Investigation of Electrochemical Oxidation of Methanol at a Carbon Paste Electrode Modified with Ni(II)-BS Complex and Reduced Graphene Oxide Nano Sheets. <i>Electroanalysis</i> , <b>2016</b> , 28, 2985-2992	3	12
101	Development of a Carbon Paste Electrode Modified with Reduced Graphene Oxide and an Imidazole Derivative for Simultaneous Determination of Biological Species of N-acetyl-L-cysteine, Uric Acid and Dopamine. <i>Electroanalysis</i> , <b>2016</b> , 28, 1625-1633	3	12
100	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> , <b>2014</b> , 35, 565-572	11.3	12
99	Electrochemical and catalytic investigations of epinephrine, acetaminophen and folic acid at the surface of titanium dioxide nanoparticle-modified carbon paste electrode. <i>Ionics</i> , <b>2014</b> , 20, 1757-1765	2.7	12
98	Subnanomolar Determination of Indium by Adsorptive Stripping Differential Pulse Voltammetry Using Factorial Design for Optimization. <i>Analytical Letters</i> , <b>2009</b> , 42, 2430-2443	2.2	12
97	Thiocyanate ion-selective PVC membrane electrode based on N,NRethylene-bis(4-methylsalicylidineiminato)nickel(II). <i>Analytical Sciences</i> , <b>2006</b> , 22, 1221-6	1.7	12
96	Novel Coated-Wire Membrane Sensor Based on Bis(Acetylacetonato) Cadmium(II) for the Determination of Chromate Ions. <i>Mikrochimica Acta</i> , <b>2005</b> , 150, 67-72	5.8	12
95	MXene-based cytosensor for the detection of HER2-positive cancer cells using CoFeO@Ag magnetic nanohybrids conjugated to the HB5 aptamer. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 195, 113626	11.8	12
94	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> , <b>2017</b> , 796, 24-32	4.1	11
93	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> , <b>2020</b> , 862, 114037	4.1	11
92	Synthesis of 2-amino-4-(4-(methylamino)phenyl)-6-phenylnicotinonitrile as a new additive for the passivation of the $\text{TiO}_2$ surface and retarding recombination in dye-sensitized solar cells. <i>Electrochimica Acta</i> , <b>2018</b> , 266, 452-459	6.7	11
91	Impedimetric and potentiometric investigation of a sulfate anion-selective electrode: experiment and simulation. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 2614-21	7.8	11
90	Novel selective thiocyanate PVC membrane electrode based on new Schiff base complex of 2.2-[(1,3-dimethyl-1,3-propanediylidene)dinitrilo]bis-benzenethiolato cadmium(II). <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 595	3.6	11
89	A comparative investigation for prostate cancer detection using two electrochemical biosensors based on various nanomaterials and the linker of thioglycolic acid. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 778, 23-31	4.1	11
88	Synthesis and application of $\text{Fe}_3\text{O}_4$ @nanocellulose/ $\text{TiCl}_4$ as a nanofiller for high performance of quasisolid-based dye-sensitized solar cells. <i>International Journal of Energy Research</i> , <b>2019</b> , 43, 4483-4494	4.5	10
87	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. <i>Electroanalysis</i> , <b>2015</b> , 27, 2792-2799	3	10
86	Individual and simultaneous determinations of phenothiazine drugs using PCR, PLS and (OSC)-PLS multivariate calibration methods. <i>Journal of the Serbian Chemical Society</i> , <b>2008</b> , 73, 233-247	0.9	10
85	Chemical Composition of the Essential Oil From Aerial Parts, Leaves, Flowers and Roots of <i>Artemisia persica</i> Boiss. from Iran. <i>Journal of Essential Oil Research</i> , <b>2006</b> , 18, 544-547	2.3	10

84	Silver(I)-selective coated-wire electrode based on an octahydroxycalix[4]arene derivative. <i>Analytical Sciences</i> , <b>2003</b> , 19, 1187-90	1.7	10
83	Salicylate poly(vinyl chloride) membrane electrode based on (2-[(E)-2-(4-nitrophenyl)hydrazono]-1-phenyl-2-(2-quinolyl)-1-ethanone) Cu(II). <i>Analytical Biochemistry</i> , <b>2005</b> , 341, 259-66	3.1	10
82	Advances in aptasensor technology. <i>Advances in Clinical Chemistry</i> , <b>2020</b> , 99, 237-279	5.8	10
81	Improving the effective photovoltaic performance in dye-sensitized solar cells using an azobenzenecarboxylic acid-based system. <i>Heliyon</i> , <b>2019</b> , 5, e01444	3.6	9
80	A Ruthenium Complex/Carbon Nanotube Based Electrode as the First Electrochemical Sensor for Simultaneous Sensing of D-Penicillamine, 6-Thioguanine and Catecholamines. <i>Electroanalysis</i> , <b>2016</b> , 28, 1370-1376	3	9
79	Fabrication of a high-performance hybrid supercapacitor using a modified graphene aerogel/cerium oxide nanoparticle composite. <i>Journal of Energy Storage</i> , <b>2019</b> , 26, 100998	7.8	9
78	Quantum-dot biosensor for hybridization and detection of R3500Q mutation of apolipoprotein B-100 gene. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 72, 362-9	11.8	9
77	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> , <b>2014</b> , 11, 257-262	2	9
76	Homogeneous and nanomolar detection of hydrazine by indigocarmine as a mediator at the surface of TiO <sub>2</sub> nanoparticles modified carbon paste electrode. <i>Chinese Chemical Letters</i> , <b>2012</b> , 23, 213-216	8.1	9
75	2,2'-(1,3-Propanediylbisnitriloethylidene)bis-hydroquinone/TiO <sub>2</sub> nanoparticles modified carbon paste electrode for selective determination of dopamine in the presence of uric acid and tryptophan. <i>Analytical Methods</i> , <b>2010</b> , 2, 1078	3.2	9
74	Electrocatalysis of epinephrine by TiO <sub>2</sub> nanoparticles and 2,2'-(1,7-heptandiylbis(nitriloethylidene))-bis-hydroquinone modified carbon paste electrode. <i>Analytical Methods</i> , <b>2011</b> , 3, 2328	3.2	9
73	Electrocatalytic oxidation of ascorbic acid at a 2,2'-(1,8-octanediybisnitriloethylidene)-bis-hydroquinone modified carbon paste electrode. <i>Journal of Applied Electrochemistry</i> , <b>2009</b> , 39, 1117-1124	2.6	9
72	Electrocatalytic Reduction of Dioxygen on the Surface of Glassy Carbon Electrodes Modified with Cobalt Porphyrin Complexes. <i>Electroanalysis</i> , <b>2007</b> , 19, 2258-2263	3	9
71	Accumulation and voltammetric determination of cobalt at zeolite-modified electrodes. <i>Journal of Analytical Chemistry</i> , <b>2008</b> , 63, 184-191	1.1	9
70	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> , <b>2020</b> , 24, 571-582	2.6	9
69	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> , <b>2021</b> , 46, 3984-3995	6.7	9
68	Metal oxide-based gas sensors for detection of exhaled breath markers. <i>Medical Devices &amp; Sensors</i> , <b>2020</b> , 4, e10161	1.6	9
67	Detection of the M268T Angiotensinogen A3B2 mutation gene based on screen-printed electrodes modified with a nanocomposite: application to human genomic samples. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 219-227	5.8	8

66	Electrochemical behavior of dopamine at a [1,1'-binaphthalene]-4,4'-diol-modified carbon nanotube paste electrode and the simultaneous determination of dopamine, folic acid and uric acid. <i>Analytical Methods</i> , <b>2013</b> , 5, 6982	3.2	8
65	Carbon Nanotubes in Electrochemical Sensors <b>2011</b> ,		8
64	Electrocatalytic reduction of oxygen on the surface of glassy carbon electrodes modified with plumbagin. <i>Mikrochimica Acta</i> , <b>2007</b> , 159, 165-173	5.8	8
63	Coated wire silver-ion selective electrode based on a N,NRbis(2-thienylmethylene)-1,2-diaminobenzene. <i>Analytical Sciences</i> , <b>2004</b> , 20, 815-9	1.7	8
62	High-performance electrochemical sensor based on electrodeposited iron oxide nanoparticle: catecholamine as analytical probe. <i>Journal of the Iranian Chemical Society</i> , <b>2017</b> , 14, 1659-1664	2	7
61	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> , <b>2018</b> , 65, 603-612	1.5	7
60	Nanomolar detection limit for determination of norepinephrine in the presence of acetaminophen and tryptophan using carbon nanotube-based electrochemical sensor. <i>Ionics</i> , <b>2014</b> , 20, 431-437	2.7	7
59	Electrochemical investigation of graphene/nanoporous carbon black for supercapacitors. <i>Materials Science in Semiconductor Processing</i> , <b>2015</b> , 33, 89-93	4.3	7
58	Detection of amplified SRY gene by a novel electrochemical biosensor based on gold nanoparticles. <i>Scientia Iranica</i> , <b>2012</b> , 19, 913-918	1.5	7
57	Iodide-selective polymeric membrane electrode based on copper(II) bis(N-2-bromophenylsalicylidenaminato) complex. <i>Chinese Chemical Letters</i> , <b>2011</b> , 22, 1087-1090	8.1	7
56	Electrocatalytic oxidation of hydrazine with alizarin red S as a homogenous mediator on the glassy carbon electrode. <i>Science China Chemistry</i> , <b>2010</b> , 53, 1195-1201	7.9	7
55	Application of H-point standard addition method and partial least squares to the simultaneous kinetic-potentiometric determination of hydrazine and phenylhydrazine. <i>Analytical Sciences</i> , <b>2008</b> , 24, 261-6	1.7	7
54	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> , <b>2020</b> , 32, 455-461	3	7
53	Surface passivation of titanium dioxide via an electropolymerization method to improve the performance of dye-sensitized solar cells. <i>RSC Advances</i> , <b>2016</b> , 6, 12537-12543	3.7	6
52	Simultaneous determination of iodate and periodate by kinetic spectrophotometric method using principal component artificial neural network. <i>Journal of Analytical Chemistry</i> , <b>2012</b> , 67, 661-668	1.1	6
51	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> , <b>2013</b> , 19, 1663-1671	2.7	6
50	Different Electrocatalytic Response Related to the Morphological Structure of TiO <sub>2</sub> Nanomaterial: Hydroquinone as an Analytical Probe. <i>Electroanalysis</i> , <b>2017</b> , 29, 231-237	3	6
49	Determination of lead (II) ion by highly selective and sensitive lead (II) membrane electrode based on 2-(((E)-2-((E)-1-(2-hydroxyphenyl) methylidene)hydrazono)methyl)phenol. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2012</b> , 92, 1638-1649	1.8	6

48	Nanomolar determination of Pb (II) ions by selective templated electrode. <i>Journal of the Serbian Chemical Society</i> , <b>2012</b> , 77, 899-910	0.9	6
47	Potentiometric coated wire electrode for salicylate based on zinc(II) acetylacetonate. <i>Journal of the Brazilian Chemical Society</i> , <b>2007</b> , 18, 782-788	1.5	6
46	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> , <b>2017</b> , 23, 1591-1599	2.7	5
45	Detection of aflD gene in contaminated pistachio with <i>Aspergillus flavus</i> by DNA based electrochemical biosensor. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, S119-S130	3	5
44	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> , <b>2015</b> , 25, 1576-1581	3.2	5
43	Self-assembled monolayers of organosulfur derivative on gold nanoparticles as electrochemical sensor for determination of isoprenaline. <i>Journal of the Iranian Chemical Society</i> , <b>2018</b> , 15, 1061-1068	2	5
42	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> , <b>2019</b> , 9, 14966	4.9	5
41	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> , <b>2015</b> , 7, 5538-5544	3.2	5
40	Digestion of restriction enzyme for the detection of single-base mismatch in DNA. <i>Analytical Biochemistry</i> , <b>2012</b> , 421, 125-9	3.1	5
39	Determination of Ascorbic Acid in the Presence of Uric Acid and Folic Acid by a Nanostructured Electrochemical Sensor Based on a TiO <sub>2</sub> Nanoparticle Carbon Paste Electrode. <i>Analytical Letters</i> , <b>2010</b> , 43, 2618-2630	2.2	5
38	Simultaneous Kinetic-Spectrophotometric Determination of Hydrazine and its Derivatives by Partial Least Squares and Principle Component Regression Methods. <i>Journal of the Chinese Chemical Society</i> , <b>2007</b> , 54, 15-21	1.5	5
37	Potentiometric determination of monohydrogen arsenate by zeolite-modified carbon-paste electrode. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2007</b> , 87, 285-294	1.8	5
36	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> , <b>2021</b> , 180, 113124	11.8	5
35	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> , <b>2017</b> , 72, 689-698	1.1	4
34	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> , <b>2015</b> , 12, 677-685	2	4
33	A Sensing Platform Using Ag/Pt Core-shell Nanostructures Supported on Multiwalled Carbon Nanotubes to Detect Hydroxyurea. <i>Electroanalysis</i> , <b>2020</b> , 32, 2137-2145	3	4
32	Typically used nanomaterials-based noncarbon materials in the fabrication of biosensors <b>2019</b> , 99-133		4
31	Electrochemical detection of the MT-ND6 gene and its enzymatic digestion: application in human genomic sample. <i>Analytical Biochemistry</i> , <b>2014</b> , 455, 60-4	3.1	4

30	Highly selective and sensitive membrane salicylate electrode based on complex of (1,8-diamino-3,6-dioxaoctane) nickel(II). <i>Journal of the Brazilian Chemical Society</i> , <b>2011</b> , 22, 30-37	1.5	4
29	Spectrophotometric determination of acidity constants of 4-(2-thiazolylazo)-resorcinol (TAR) in water/organic mixtures. <i>Chinese Chemical Letters</i> , <b>2010</b> , 21, 725-729	8.1	4
28	Application of a natural antioxidant as an efficient strategy to decrease the oxidation in Sn-based perovskites. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 846, 156351	5.7	4
27	Application of graphene oxide nanosheets as probe oligonucleotide immobilization platform for DNA sensing. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 2135-2142	2	4
26	Thiosemicarbazide derivative-functionalized carbon nanotube for simultaneous determination of isoprenaline and piroxicam. <i>Journal of Analytical Science and Technology</i> , <b>2017</b> , 8,	3.4	3
25	Application of H-Point standard addition method and multivariate calibration methods to the simultaneous kinetic-potentiometric determination of permanganate and dichromate. <i>Journal of the Iranian Chemical Society</i> , <b>2011</b> , 8, 449-461	2	3
24	Fabrication and characterization of molybdenum(VI) complex-TiO <sub>2</sub> nanoparticles modified electrode for the electrocatalytic determination of L-cysteine. <i>Journal of the Serbian Chemical Society</i> , <b>2011</b> , 76, 575-589	0.9	3
23	Estimation of homogeneous rate constants of reaction of electrochemically generated ortho-benzoquinones with 1,3-indandione. <i>International Journal of Chemical Kinetics</i> , <b>2007</b> , 39, 605-613	1.4	3
22	Optimization of gas chromatography using short glass capillary column with mass spectrometry for identification and evaluation of commercial heavy alkylbenzene structures. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 375, 1212-20	4.4	3
21	Arginine-functionalized graphene oxide for green and high-performance symmetric supercapacitors. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 30219-30229	6.7	3
20	A nanocomposite electrocatalyst for the electro-oxidation of isoproterenol and its application as a sensor. <i>Chinese Journal of Catalysis</i> , <b>2015</b> , 36, 1273-1279	11.3	2
19	Detection of Dexamethasone Sodium Phosphate in Blood Plasma: Application of Hematite in Electrochemical Sensors. <i>Electroanalysis</i> , <b>2020</b> , 32, 1148-1154	3	2
18	Influence of Nitrogen Doping on the Electrocatalytic Effect of TiO <sub>2</sub> Nanofibers. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, H903-H907	3.9	2
17	Sulfate-selective electrode based on a complex of copper. <i>Analytical Sciences</i> , <b>2006</b> , 22, 673-8	1.7	2
16	Highly selective copper membrane electrode using C-p-nitrophenyl-N-phenylnitrone. <i>New Journal of Chemistry</i> , <b>2003</b> , 27, 1140	3.6	2
15	Simultaneous Determination of Ascorbic Acid, Uric Acid and Tryptophan by Novel Carbon Nanotube Paste Electrode. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2018</b> , 17, 851-863	1.1	2
14	Enhanced electro-oxidation of urea based on nickel nanoparticle decorated reduced graphene oxide/PEDOT:PSS composite. <i>Scientia Iranica</i> , <b>2017</b> , 24, 1678-1685	1.5	2
13	A green and template-free electropolymerization of imipramine. The decoration of sponge-like polymer film with gold nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 894, 115340	4.1	2



12	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> , <b>2013</b> , 3, 2634	5.5	1
11	Preparation and electrochemical application of rutin biosensor for differential pulse voltammetric determination of NADH in the presence of acetaminophen. <i>Journal of the Serbian Chemical Society</i> , <b>2010</b> , 75, 1421-1434	0.9	1
10	The complex (2,3;6,7;10,11;14,15-tetraphenyl-4,9,13,16-tetraoxo-1,5,8,12-tetraazacyclohexadecane) copper(II) as a carrier for a salicylate-sensitive poly(vinylchloride) membrane electrode. <i>Russian Journal of Electrochemistry</i> , <b>2008</b> , 44, 1065-1072	1.2	1
9	Optical cytosensors for the detection of circulating tumour cells.. <i>Journal of Materials Chemistry B</i> , <b>2022</b> ,	7.3	1
8	Boosted 2D graphene nanosheets by organic-inorganic hybrid cross-linker for an efficient and stable supercapacitor. <i>International Journal of Hydrogen Energy</i> , <b>2022</b> , 47, 9864-9864	6.7	1
7	Vesicular release dynamics are altered by the interaction between the chemical cargo and vesicle membrane lipids. <i>Chemical Science</i> , <b>2021</b> , 12, 10273-10278	9.4	1
6	Enhancement of photovoltaic performance using a novel photocathode based on poly(3,4-ethylenedioxythiophene)/Ag <sub>2</sub> WO <sub>4</sub> nanocomposite in dye-sensitized solar cells <b>2020</b> , 23, 105-115		0
5	Nanofibers modified through carbon and nitrogen co-doping and phase transformation for application in pseudocapacitors. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 2343-2352	4.5	0
4	A green protocol for the electrochemical synthesis of a fluorescent dye with antibacterial activity from imipramine oxidation.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4921	4.9	0
3	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> , <b>2022</b> , 51, 104238	7.8	0
2	Design of a nanocytosensor for isolation and electrochemical detection of folate-overexpressed circulating tumor cells. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 131873	8.5	0
1	Spectrophotometric determination of the acidity constants of calcon in water and mixed water-organic solvents. <i>Journal of the Serbian Chemical Society</i> , <b>2009</b> , 74, 159-169	0.9	