Jahan-Bakhsh Raoof

List of Publications by Citations

244 papers	5,874 citations	42 h-index	60 g-index
248 ext. papers	6,391 ext. citations	4.6 avg, IF	6.28 L-index

#	Paper	IF	Citations
244	Voltammetric determination of ascorbic acid and dopamine in the same sample at the surface of a carbon paste electrode modified with polypyrrole/ferrocyanide films. *Electrochimica Acta*, **2005**, 50, 4694-4698	6.7	124
243	Preparation of polypyrrole/ferrocyanide films modified carbon paste electrode and its application on the electrocatalytic determination of ascorbic acid. *Electrochimica Acta*, **2004**, 49, 271-280	6.7	121
242	Carbon Paste Electrode Incorporating 1-[4-(Ferrocenyl Ethynyl) Phenyl]-1-Ethanone for Electrocatalytic and Voltammetric Determination of Tryptophan. *Electroanalysis*, **2008**, 20, 1259-1262	3	114
241	Simultaneous electrochemical determination of glutathione and tryptophan on a nano-TiO2/ferrocene carboxylic acid modified carbon paste electrode. *Sensors and Actuators B: Chemical*, **2009**, 143, 261-269	8.5	111
240	MOF-derived Cu/nanoporous carbon composite and its application for electro-catalysis of hydrogen evolution reaction. *Energy*, **2015**, 90, 1075-1081	7.9	108
239	Electrocatalytic oxidation of methanol on carbon paste electrode modified by nickel ions dispersed into poly (1,5-diaminonaphthalene) film. *Electrochimica Acta*, **2008**, 53, 2402-2407	6.7	102
238	Carbon paste electrode spiked with ferrocene carboxylic acid and its application to the electrocatalytic determination of ascorbic acid. *Journal of Electroanalytical Chemistry*, **2001**, 515, 45-51	4.1	101
237	Diazonium-based impedimetric aptasensor for the rapid label-free detection of Salmonella typhimurium in food sample. *Biosensors and Bioelectronics*, **2016**, 80, 566-573	11.8	98
236	Electrocatalytic Determination of Ascorbic Acid at the Surface of 2,7-Bis(ferrocenyl ethyl)fluoren-9-one Modified Carbon Paste Electrode. *Electroanalysis*, **2006**, 18, 1193-1201	3	90
235	A highly sensitive electrochemical sensor for simultaneous voltammetric determination of noradrenaline, acetaminophen, xanthine and caffeine based on a flavonoid nanostructured modified glassy carbon electrode. *Sensors and Actuators B: Chemical*, **2014**, 192, 634-641	8.5	87
234	Application of a Carbon-Paste Electrode Modified with 2,7-Bis(ferrocenyl ethyl)fluoren-9-one and Carbon Nanotubes for Voltammetric Determination of Levodopa in the Presence of Uric Acid and Folic Acid. *Electroanalysis*, **2011**, 23, 1934-1940	3	85
233	Catalysis of dioxygen reduction to hydrogen peroxide at the surface of carbon paste electrodes modified by 1,4-naphthoquinone and some of its derivatives. *Journal of Electroanalytical Chemistry*, **1996**, 416, 75-82	4.1	85
232	Ultrasensitive electrochemical aptasensor based on sandwich architecture for selective label-free detection of colorectal cancer (CT26) cells. *Biosensors and Bioelectronics*, **2017**, 92, 630-637	11.8	77
231	Electrocatalytic oxidation of some carbohydrates by poly(1-naphthylamine)/nickel modified carbon paste electrode. *Journal of Electroanalytical Chemistry*, **2004**, 571, 1-8	4.1	77
230	L-Cysteine Voltammetry at a Carbon Paste Electrode Bulk-Modified with Ferrocenedicarboxylic Acid. *Electroanalysis*, **2007**, 19, 1822-1830	3	76
229	Fabrication of bimetallic Cu/Pt nanoparticles modified glassy carbon electrode and its catalytic activity toward hydrogen evolution reaction. *International Journal of Hydrogen Energy*, **2010**, 35, 3937-3944	6.7	74
228	Poly(o-aminophenol) film prepared in the presence of sodium dodecyl sulfate: Application for nickel ion dispersion and the electrocatalytic oxidation of methanol and ethylene glycol. *Electrochimica Acta*, **2009**, 54, 2190-2196	6.7	73

227	One-step electroless deposition of Pd/Pt bimetallic microstructures by galvanic replacement on copper substrate and investigation of its performance for the hydrogen evolution reaction. *International Journal of Hydrogen Energy*, **2013**, 38, 92-99	6.7	71
226	Fabrication of a nanostructure-based electrochemical sensor for simultaneous determination of N-acetylcysteine and acetaminophen. *Talanta*, **2011**, 85, 2128-34	6.2	66
225	Electrodeposition of quercetin at a multi-walled carbon nanotubes modified glassy carbon electrode as a novel and efficient voltammetric sensor for simultaneous determination of levodopa, uric acid and tyramine. *Sensors and Actuators B: Chemical*, **2012**, 166-167, 508-518	8.5	64
224	Electrochemical synthesis of Ag nanoparticles supported on glassy carbon electrode by means of p-isopropyl calix[6]arene matrix and its application for electrocatalytic reduction of H2O2. *Applied Surface Science*, **2012**, 258, 2788-2795	6.7	60
223	Multi-wall carbon nanotubes as a sensor and ferrocene dicarboxylic acid as a mediator for voltammetric determination of glutathione in hemolysed erythrocyte. *Analytical Methods*, **2011**, 3, 2637	3.2	60
222	Fabrication of highly porous Pt coated nanostructured Cu-foam modified copper electrode and its enhanced catalytic ability for hydrogen evolution reaction. *International Journal of Hydrogen Energy* , **2010**, 35, 452-458	6.7	60
221	Electrocatalytic reduction of nitrite using ferricyanide; Application for its simple and selective determination. *Electrochimica Acta*, **2006**, 52, 753-759	6.7	60
220	Synthesis of ZSM-5 zeolite: Electrochemical behavior of carbon paste electrode modified with Ni (II)Zeolite and its application for electrocatalytic oxidation of methanol. *International Journal of Hydrogen Energy*, **2011**, 36, 13295-13300	6.7	58
219	Voltammetric sensor for glutathione determination based on ferrocene-modified carbon paste electrode. *Journal of Solid State Electrochemistry*, **2009**, 13, 1411-1416	2.6	58
218	Simultaneous voltammetric determination of ascorbic acid and dopamine at the surface of electrodes modified with self-assembled gold nanoparticle films. *Journal of Solid State Electrochemistry*, **2010**, 14, 1171-1176	2.6	58
217	A novel voltammetric sensor for amoxicillin based on nickel-curcumin complex modified carbon paste electrode. *Bioelectrochemistry*, **2012**, 85, 44-9	5.6	57
216	Electroanalysis and simultaneous determination of 6-thioguanine in the presence of uric acid and folic acid using a modified carbon nanotube paste electrode. *Analytical Sciences*, **2011**, 27, 991-7	1.7	55
215	Electrocatalytic oxidation of glutathione at carbon paste electrode modified with 2,7-bis (ferrocenyl ethyl) fluoren-9-one: application as a voltammetric sensor. *Journal of Applied Electrochemistry*, **2009**, 39, 1169-1175	2.6	55
214	Electrocatalytic oxidation and highly selective voltammetric determination of L-cysteine at the surface of a 1-[4-(ferrocenyl ethynyl)phenyl]-1-ethanone modified carbon paste electrode. *Analytical Sciences*, **2006**, 22, 1213-20	1.7	52
213	Preparation of an electrochemical PNA biosensor for detection of target DNA sequence and single nucleotide mutation on p53 tumor suppressor gene corresponding oligonucleotide. *Sensors and Actuators B: Chemical*, **2011**, 157, 195-201	8.5	51
212	Synthesis of Ag nanoparticles for the electrochemical detection of anticancer drug flutamide. *Chinese Journal of Catalysis*, **2015**, 36, 439-445	11.3	48
211	Cu-Pt bimetallic nanoparticles supported metal organic framework-derived nanoporous carbon as a catalyst for hydrogen evolution reaction. *Electrochimica Acta*, **2016**, 190, 729-736	6.7	48
210	A high sensitive voltammetric sensor for qualitative and quantitative determination of phenobarbital as an antiepileptic drug in presence of acetaminophen. *Colloids and Surfaces B: Biointerfaces*, **2012**, 95, 121-8	6	48

209	Electrochemical behavior of isoproterenol in the presence of uric acid and folic acid at a carbon paste electrode modified with 2,7-bis(ferrocenyl ethyl)fluoren-9-one and carbon nanotubes. *Journal of Solid State Electrochemistry*, **2012**, 16, 1701-1707	2.6	47
208	Design an aptasensor based on structure-switching aptamer on dendritic gold nanostructures/FeO@SiO/DABCO modified screen printed electrode for highly selective detection of epirubicin. *Biosensors and Bioelectronics*, **2017**, 91, 650-657	11.8	46
207	A novel sensor for cephalosporins based on electrocatalytic oxidation by poly(o-anisidine)/SDS/Ni modified carbon paste electrode. *Talanta*, **2010**, 81, 1522-8	6.2	46
206	Electrodeposition of three-dimensional Pd nanoflowers on a PPy@MWCNTs with superior electrocatalytic activity for methanol electrooxidation. *International Journal of Hydrogen Energy*, **2016**, 41, 17987-17994	6.7	44
205	Comparison between graphene supported Pt hollow nanospheres and graphene supported Pt solid nanoparticles for hydrogen evolution reaction. *Energy*, **2014**, 74, 871-876	7.9	43
204	Hydrogen evolution assisted electrodeposition of bimetallic 3D nano/micro-porous PtPd films and their electrocatalytic performance. *International Journal of Hydrogen Energy*, **2014**, 39, 8194-8203	6.7	43
203	Preparation of Ni/poly(1,5-diaminonaphthalene)-modified carbon paste electrode; application in electrocatalytic oxidation of formaldehyde for fuel cells. *Journal of Solid State Electrochemistry*, **2009**, 13, 1605-1611	2.6	42
202	Brilliant cresyl blue as electroactive indicator in electrochemical DNA oligonucleotide sensors. *Bioelectrochemistry*, **2010**, 78, 141-6	5.6	42
201	Electrocatalytic Oxidation of Some Carbohydrates by Nickel/Poly(o-Aminophenol) Modified Carbon Paste Electrode. *Electroanalysis*, **2008**, 20, 1825-1830	3	42
200	A high sensitive electrochemical nanosensor for simultaneous determination of glutathione, NADH and folic acid. *Materials Science and Engineering C*, **2015**, 47, 77-84	8.3	40
199	Rapid fabrication of Cu/Pd nano/micro-particles porous-structured catalyst using hydrogen bubbles dynamic template and their enhanced catalytic performance for formic acid electrooxidation. *International Journal of Hydrogen Energy*, **2014**, 39, 7788-7797	6.7	40
198	Pt□o nanostructures electrodeposited on graphene nanosheets for methanol electrooxidation. *Journal of Power Sources*, **2014**, 264, 76-82	8.9	39
197	MOF-derived Cu-Pd/nanoporous carbon composite as an efficient catalyst for hydrogen evolution reaction: A comparison between hydrothermal and electrochemical synthesis. *Applied Surface Science*, **2018**, 436, 451-459	6.7	37
196	Direct growth of 3D flower-like Pt nanostructures by a template-free electrochemical route as an efficient electrocatalyst for methanol oxidation reaction. *Energy*, **2015**, 90, 1122-1131	7.9	36
195	Application of a glassy carbon electrode modified with functionalized multi-walled carbon nanotubes as a sensor device for simultaneous determination of acetaminophen and tyramine. *Analytical Methods*, **2012**, 4, 1579	3.2	36
194	A selective sensor based on a glassy carbon electrode modified with carbon nanotubes and ruthenium oxide/hexacyanoferrate film for simultaneous determination of ascorbic acid, epinephrine and uric acid. *Analytical Methods*, **2011**, 3, 2367	3.2	36
193	Poly(N-methylaniline)/nickel modified carbon paste electrode as an efficient and cheep electrode for electrocatalytic oxidation of formaldehyde in alkaline medium. *Journal of Electroanalytical Chemistry*, **2009**, 633, 153-158	4.1	36
192	Highly improved electrooxidation of formaldehyde on nickel/poly (o-toluidine)/Triton X-100 film modified carbon nanotube paste electrode. *International Journal of Hydrogen Energy*, **2012**, 37, 2137-2146	6.7	35

191	A novel, effective and low cost catalyst for methanol oxidation based on nickel ions dispersed onto poly(o-toluidine)/Triton X-100 film at the surface of multi-walled carbon nanotube paste electrode. *Journal of Power Sources*, **2011**, 196, 1855-1863	8.9	35
190	Preparation of poly N,N-dimethylaniline/ferrocyanide film modified carbon paste electrode: Application to electrocatalytic oxidation of l-cysteine. *Journal of Electroanalytical Chemistry*, **2010**, 638, 241-245	4.1	33
189	Electrochemical Study of Catechol in the Presence of Dibuthylamine and Diethylamine in Aqueous Media: Part 1. Electrochemical Investigation. *Electroanalysis*, **2005**, 17, 1755-1760	3	33
188	Palladium-doped mesoporous silica SBA-15 modified in carbon-paste electrode as a sensitive voltammetric sensor for detection of oxalic acid. *Sensors and Actuators B: Chemical*, **2015**, 207, 291-296	8.5	32
187	Preparation of Ag/NaA zeolite modified carbon paste electrode as a DNA biosensor. *Sensors and Actuators B: Chemical*, **2013**, 181, 319-325	8.5	32
186	Electrochemical behavior of Ni(II) incorporated in zeolite Y-modified carbon electrode: application for electrocatalytic oxidation of methanol in alkaline solution. *Journal of Solid State Electrochemistry*, **2011**, 15, 1935-1941	2.6	32
185	Electrochemical fabrication of novel Pt/poly (m-toluidine)/Triton X-100 composite catalyst at the surface of carbon nanotube paste electrode and its application for methanol oxidation. *International Journal of Hydrogen Energy*, **2011**, 36, 52-63	6.7	32
184	Catalytic Oxidation of Sulfite by Ferrocenemonocarboxylic Acid at the Glassy Carbon Electrode. Application to the Catalytic Determination of Sulfite in Real Sample. *Electroanalysis*, **2002**, 14, 1197-1202	3	32
183	Electrocatalytic oxidation and selective determination of an opioid analgesic methadone in the presence of acetaminophen at a glassy carbon electrode modified with functionalized multi-walled carbon nanotubes: application for human urine, saliva and pharmaceutical samples analysis. *Colloids and Surfaces B: Biointerfaces*, **2013**, 109, 287-93	6	31
182	A novel and simple electrochemical sensor for electrocatalytic reduction of nitrite and oxidation of phenylhydrazine based on poly (o-anisidine) film using ionic liquid carbon paste electrode. *Applied Surface Science*, **2013**, 271, 98-104	6.7	31
181	Electrocatalytic Oxidation of Folic Acid on Carbon Paste Electrode Modified by Nickel Ions Dispersed into Poly(o-anisidine) Film. *Electroanalysis*, **2009**, 21, 2634-2639	3	31
180	Electrochemical Analysis of D-Penicillamine Using a Carbon Paste Electrode Modified with Ferrocene Carboxylic Acid. *Electroanalysis*, **2007**, 19, 1883-1889	3	31
179	Electrocatalytic oxidation of formaldehyde on nickel modified ionic liquid carbon paste electrode as a simple and efficient electrode. *Journal of Applied Electrochemistry*, **2012**, 42, 81-87	2.6	30
178	Sensitive Voltammetric Determination of Captopril Using a Carbon Paste Electrode Modified with Nano-TiO2/Ferrocene Carboxylic Acid. *Chinese Journal of Catalysis*, **2011**, 32, 1685-1692	11.3	30
177	Nickel–Poly(o-aminophenol)-modified carbon paste electrode; an electrocatalyst for methanol oxidation. *Journal of Solid State Electrochemistry*, **2009**, 13, 927-934	2.6	30
176	Catechol as an electrochemical indicator for voltammetric determination of N-acetyl-l-cysteine in aqueous media at the surface of carbon paste electrode. *Journal of Applied Electrochemistry*, **2010**, 40, 1357-1363	2.6	30
175	Label-free and sensitive aptasensor based on dendritic gold nanostructures on functionalized SBA-15 for determination of chloramphenicol. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 2557-65	4.4	29
174	Synthesis and characterization of ordered mesoporous carbon as electrocatalyst for simultaneous determination of epinephrine and acetaminophen. *Journal of Solid State Electrochemistry*, **2012**, 16, 3753-3760	2.6	29

173	A Genosensor for Point Mutation Detection of P53 Gene PCR Product Using Magnetic Particles. *Electroanalysis*, **2015**, 27, 1378-1386	3	28
172	Nickel electrode modified by N,N-bis(salicylidene)phenylenediamine (Salophen) as a catalyst for methanol oxidation in alkaline medium. *Russian Journal of Electrochemistry*, **2009**, 45, 192-198	1.2	28
171	Electrocatalytic Characteristics of Ferrocenecarboxylic Acid Modified Carbon Paste Electrode in the Oxidation and Determination of L-Cysteine. *Electroanalysis*, **2005**, 17, 2043-2051	3	28
170	Copper-poly(2-aminodiphenylamine) as a novel and low cost electrocatalyst for electrocatalytic oxidation of methanol in alkaline solution. *Electrochimica Acta*, **2011**, 56, 3380-3386	6.7	27
169	Electrochemical Behavior of Chloranil Chemically Modified Carbon Paste Electrode. Application to the Electrocatalytic Determination of Ascorbic Acid. *Electroanalysis*, **2005**, 17, 1740-1745	3	27
168	Development of a new paper based nano-biosensor using the co-catalytic effect of tyrosinase from banana peel tissue (Musa Cavendish) and functionalized silica nanoparticles for voltammetric determination of l-tyrosine. *International Journal of Biological Macromolecules*, **2018**, 113, 648-654	7.9	26
167	Simultaneous and sensitive detection of dopamine and uric acid using a poly(L-methionine)/gold nanoparticle-modified glassy carbon electrode. *Chinese Journal of Catalysis*, **2014**, 35, 423-429	11.3	26
166	Fabrication of Chitosan-Multiwall Carbon Nanotube Nanocomposite Containing Ferri/Ferrocyanide: Application for Simultaneous Detection of D-Penicillamine and Tryptophan. *Journal of the Chinese Chemical Society*, **2012**, 59, 1461-1467	1.5	26
165	Poly (pyrrole- co -aniline) hollow nanosphere supported Pd nanoflowers as high-performance catalyst for methanol electrooxidation in alkaline media. *Energy*, **2017**, 127, 419-427	7.9	25
164	Novel electrochemical DNA hybridization biosensors for selective determination of silver ions. *Talanta*, **2015**, 144, 619-26	6.2	25
163	Au hollow nanospheres on graphene support as catalyst for sodium borohydride electrooxidation. *Applied Surface Science*, **2014**, 311, 245-251	6.7	25
162	Performance of glucose electrooxidation on Ni□Co composition dispersed on the poly(isonicotinic acid) (SDS) film. *Journal of Solid State Electrochemistry*, **2011**, 15, 1139-1147	2.6	25
161	Differential pulse anodic stripping voltammetry of silver(I) using p-isopropylcalix[6]arene modified carbon paste electrode. *Monatshefte F□ Chemie*, **2010**, 141, 279-284	1.4	25
160	PdCo porous nanostructures decorated on polypyrrole @ MWCNTs conductive nanocomposite□Modified glassy carbon electrode as a powerful catalyst for ethanol electrooxidation. *Applied Surface Science*, **2017**, 401, 40-48	6.7	24
159	Poly(ortho-toluidine) Modified Carbon Paste Electrode: A Sensor for Electrocatalytic Reduction of Nitrite. *Electroanalysis*, **2008**, 20, 379-385	3	24
158	Copper-poly (2-aminodiphenylamine) composite as catalyst for electrocatalytic oxidation of formaldehyde in alkaline media. *International Journal of Hydrogen Energy*, **2013**, 38, 5457-5463	6.7	23
157	Electrochemical synthesis of bimetallic Au@Pt nanoparticles supported on gold film electrode by means of self-assembled monolayer. *Journal of Electroanalytical Chemistry*, **2010**, 641, 71-77	4.1	23
156	Voltammetric sensor for D-penicillamine determination based on its electrocatalytic oxidation at the surface of ferrocenes modified carbon paste electrodes. *Journal of Chemical Sciences*, **2009**, 121, 1083-1091	1.8	22

155	A novel self-powered and sensitive label-free DNA biosensor in microbial fuel cell. *Biosensors and Bioelectronics*, **2016**, 82, 173-6	11.8	22
154	Efficient nonenzymatic hydrogen peroxide sensor in acidic media based on Prussian blue nanoparticles-modified poly(o-phenylenediamine)/glassy carbon electrode. *Chinese Chemical Letters*, **2016**, 27, 481-486	8.1	21
153	Preparation of Pt/poly (2-Methoxyaniline)-sodium dodecyl sulfate composite and its application for electrocatalytic oxidation of methanol and formaldehyde. *Electrochimica Acta*, **2014**, 141, 340-348	6.7	21
152	Indigo Carmine as New Label in PNA Biosensor for Detection of Short Sequence of p53 Tumor Suppressor Gene. *Electroanalysis*, **2013**, 25, 2075-2083	3	21
151	Enhanced electrocatalytic activity of nickel particles electrodeposited onto poly (m-toluidine) film prepared in presence of CTAB surfactant on carbon paste electrode for formaldehyde oxidation in alkaline medium. *International Journal of Hydrogen Energy*, **2011**, 36, 13281-13287	6.7	21
150	Carbon paste electrode modified by cobalt ions dispersed into poly (N-methylaniline) preparing in the presence of SDS: application in electrocatalytic oxidation of hydrogen peroxide. *Journal of Solid State Electrochemistry*, **2010**, 14, 621-631	2.6	21
149	Electrocatalytic characteristics of a 1-[4-(ferrocenyl ethynyl)phenyl]-1-ethanone modified carbon-paste electrode in the oxidation of ascorbic acid. *Analytical Sciences*, **2003**, 19, 1251-8	1.7	20
148	MIL-101 (Cr) @ graphene oxide-reinforced hollow fiber solid-phase microextraction coupled with high-performance liquid chromatography to determine diazinon and chlorpyrifos in tomato, cucumber and agricultural water. *Analytica Chimica Acta*, **2020**, 1140, 99-110	6.6	20
147	Label-free DNA sensor based on diazonium immobilisation for detection of DNA damage in breast cancer 1 gene. *Sensors and Actuators B: Chemical*, **2018**, 264, 59-66	8.5	19
146	Gold Nano-Cages on Graphene support for Sodium Borohydride Electrooxidation. *Electrochimica Acta*, **2016**, 191, 230-236	6.7	19
145	Photoelectrochemical oxidation of hydrazine on TiO2 modified titanium electrode: its application for detection of hydrazine. *Journal of Solid State Electrochemistry*, **2014**, 18, 779-783	2.6	19
144	Preparation of Pt/poly(2-Methoxyaniline)/multi-walled carbon nanotube nanocomposite and its application for electrocatalytic oxidation of methanol. *Journal of Molecular Liquids*, **2014**, 200, 196-204	6	19
143	Photoinduced deposition of palladium nanoparticles on TiO2 nanotube electrode and investigation of its capability for formaldehyde oxidation. *Electrochimica Acta*, **2014**, 138, 468-475	6.7	19
142	A new peptide nucleotide acid biosensor for electrochemical detection of single nucleotide polymorphism in duplex DNA via triplex structure formation. *Journal of the Iranian Chemical Society*, **2013**, 10, 1075-1083	2	19
141	Developing a Nano-Biosensor for DNA Hybridization Using a New Electroactive Label. *Chinese Journal of Chemistry*, **2011**, 29, 2541-2551	4.9	19
140	Electrocatalytic Oxidation and Voltammetric Determination of Hydrazine on the Tetrabromo-p-Benzoquinone Modified Carbon Paste Electrode. *Electroanalysis*, **2007**, 19, 597-603	3	19
139	Cu(II) Hexacyanoferrate(III) Modified Carbon Paste Electrode; Application for Electrocatalytic Detection of Nitrite. *Electroanalysis*, **2008**, 20, 1996-2002	3	19
138	A genosensor based on CPE for study the interaction between ketamine as an anesthesia drug with DNA. *International Journal of Biological Macromolecules*, **2015**, 80, 512-9	7.9	18

137	ZnO Nanoparticle Ionic Liquids Carbon Paste Electrode as a Voltammetric Sensor for Determination of Sudan I in the Presence of Vitamin B6 in Food Samples. *Food Analytical Methods*, **2015**, 8, 885-892	3.4	18
136	An impedimetric biosensor for DNA damage detection and study of the protective effect of deferoxamine against DNA damage. *Bioelectrochemistry*, **2018**, 122, 142-148	5.6	18
135	Fabrication of bimetallic Cu/Pd particles modified carbon nanotube paste electrode and its use towards formaldehyde electrooxidation. *Journal of Molecular Liquids*, **2015**, 204, 106-111	6	18
134	Electrochemical monitoring of photoelectrocatalytic degradation of rhodamine B using TiO2 thin film modified graphite electrode. *Journal of Solid State Electrochemistry*, **2012**, 16, 2143-2149	2.6	18
133	Electrocatalytic oxidation of methanol onto platinum particles decorated nanostructured poly (1,5-diaminonaphthalene) film. *Journal of Solid State Electrochemistry*, **2012**, 16, 2699-2708	2.6	18
132	Introduction of Ketamine as a G-Quadruplex-Binding Ligand Using Platinum Nanoparticle Modified Carbon Paste Electrode. *Electroanalysis*, **2013**, 25, 2659-2667	3	18
131	Mixed hemi/ad-micelles coated magnetic nanoparticles for the entrapment of hemoglobin at the surface of a screen-printed carbon electrode and its direct electrochemistry and electrocatalysis. *Biosensors and Bioelectronics*, **2015**, 74, 518-25	11.8	17
130	Cetyltrimethyl ammonium bromide effect on highly electrocatalysis of methanol oxidation based on nickel particles electrodeposited into poly (m-toluidine) film on the carbon paste electrode. *Journal of Electroanalytical Chemistry*, **2010**, 638, 33-38	4.1	17
129	Acetylferrocene Modified Carbon Paste Electrode; A Sensor for Electrocatalytic Determination of Hydrazine. *Electroanalysis*, **2008**, 20, 1378-1382	3	17
128	Ultrasensitive and reusable electrochemical aptasensor for detection of tryptophan using of [Fe(bpy)](p-CHCHSO) as an electroactive indicator. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 163, 180-187	3.5	17
127	A rapid synthesis of high surface area PdRu nanosponges: Composition-dependent electrocatalytic activity for formic acid oxidation. *Journal of Energy Chemistry*, **2017**, 26, 703-711	12	16
126	Synthesis of Pt□u/poly (o -Anisidine) nanocomposite onto carbon paste electrode and its application for methanol□oxidation. *International Journal of Hydrogen Energy*, **2015**, 40, 292-302	6.7	16
125	The porous chitosan□odium dodecyl sulfate□arbon nanotube nanocomposite: direct electrochemistry and electrocatalysis of hemoglobin. *Analytical Methods*, **2012**, 4, 2977	3.2	16
124	Electrochemical synthesis of a novel platinum nanostructure on a glassy carbon electrode, and its application to the electrooxidation of methanol. *Mikrochimica Acta*, **2013**, 180, 879-886	5.8	16
123	Evaluation of sodium dodecyl sulfate effect on electrocatalytic properties of poly (4-aminoacetanilide)/nickel modified carbon paste electrode as an efficient electrode toward oxidation of ethylene glycol. *International Journal of Hydrogen Energy*, **2011**, 36, 13288-13294	6.7	16
122	Differential Pulse Voltammetry Determination of L-Cysteine with Ferrocene-Modified Carbon Paste Electrode. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 818-826	5.1	16
121	A bimetallic nanocomposite electrode for direct and rapid biosensing of p53 DNA plasmid. *Journal of Chemical Sciences*, **2015**, 127, 1607-1617	1.8	15
120	Design of an electrochemical DNA-based biosensor for selective determination of cadmium ions using a DNA hybridization indicator. *International Journal of Biological Macromolecules*, **2018**, 108, 1237-1241	7.9	15

119	Direct Electrochemistry and Electrocatalytic Properties of Hemoglobin Immobilized on Carbon Nanotubes Ionic Liquid Electrode. *Electroanalysis*, **2012**, 24, 1386-1393	3	15
118	Ferricyanide immobilized within organically modified MCM-41; application for electrocatalytic reduction of hydrogen peroxide. *Journal of Solid State Electrochemistry*, **2009**, 13, 837-842	2.6	15
117	Homogeneous electrocatalytic oxidation of d-penicillamine with ferrocyanide at a carbon paste electrode: application to voltammetric determination. *Journal of Applied Electrochemistry*, **2009**, 39, 799-805	2.6	15
116	Immobilization of 1,2-naphthoquinone-4-sulfonic acid on gold electrode: application for cysteamine detection using Michael addition. *Journal of Materials Science*, **2009**, 44, 2688-2693	4.3	15
115	Characterization of a carbon paste electrode containing organically modified nanostructure silica: Application to voltammetric detection of ferricyanide. *Journal of Electroanalytical Chemistry*, **2009**, 626, 23-29	4.1	15
114	Fabrication of functionalized carbon nanotube modified glassy carbon electrode and its application for selective oxidation and voltammetric determination of cysteamine. *Journal of Electroanalytical Chemistry*, **2009**, 633, 187-192	4.1	15
113	Pd-Cu/poly(o -Anisidine) nanocomposite as an efficient catalyst for formaldehyde oxidation. *Materials Research Bulletin*, **2016**, 80, 107-119	5.1	15
112	Downregulation of the WT1 gene expression via TMPyP4 stabilization of promoter G-quadruplexes in leukemia cells. *Tumor Biology*, **2016**, 37, 9967-77	2.9	14
111	Synergistic signal amplification based on ionic liquid-ZnO nanoparticle carbon paste electrode for sensitive voltammetric determination of acetaminophen in the presence of NADH. *Journal of Molecular Liquids*, **2016**, 219, 15-20	6	14
110	Photoelectrocatalytic degradation of 3-nitrophenol at surface of Ti/TiO2 electrode. *Journal of Solid State Electrochemistry*, **2013**, 17, 63-68	2.6	14
109	Nano-Gold Modified Genosensor for Direct Detection of DNA Hybridization. *Journal of the Chinese Chemical Society*, **2013**, 60, 650-656	1.5	14
108	Voltammetric sensor for nitrite determination based on its electrocatalytic reduction at the surface of p-duroquinone modified carbon paste electrode. *Journal of Solid State Electrochemistry*, **2009**, 13, 1311-1319	2.6	14
107	Electropolymerization of N-methylaniline in the presence of sodium dodecylsulfate and its application for electrocatalytic reduction of nitrite. *Journal of Materials Science*, **2009**, 44, 4095-4103	4.3	14
106	Electrocatalytic oxidation of thiosulfate at 2,7-bis(ferrocenylethyl)-fluoren-9-one-modified carbon paste electrode (2,7-BFEFMCPE): Application to the catalytic determination of thiosulfate in real sample. *Chinese Chemical Letters*, **2010**, 21, 1462-1466	8.1	14
105	A Novel Electrochemical Genosensor Based on Banana and Nano-Gold Modified Electrode Using Tyrosinase Enzyme as Indicator. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 3394-404	1.3	13
104	Preparation of Epirubicin Aptasensor Using Curcumin as Hybridization Indicator: Competitive Binding Assay between Complementary Strand of Aptamer and Epirubicin. *Electroanalysis*, **2018**, 30, 378-385	3	13
103	Carbon paste electrode incorporating multi-walled carbon nanotube/ferrocene as a sensor for the electroanalytical determination of N-acetyl-L-cysteine in the presence of tryptophan. *Journal of Chemical Sciences*, **2013**, 125, 283-289	1.8	13
102	Pt nanoparticles/graphene paste electrode for sodium borohydride electrooxidation. *Journal of Solid State Electrochemistry*, **2013**, 17, 217-221	2.6	13

101	Construction of a highly sensitive signal-on aptasensor based on gold nanoparticles/functionalized silica nanoparticles for selective detection of tryptophan. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 6429-6438	4.4	13
100	A simple and effective route for preparation of platinum nanoparticle and its application for electrocatalytic oxidation of methanol and formaldehyde. *Journal of Molecular Liquids*, **2015**, 212, 767-774	6	13
99	Development of a new biosensor based on functionalized SBA-15 modified screen-printed graphite electrode as a nano-reactor for Gquadruplex recognition. *Talanta*, **2014**, 119, 24-33	6.2	13
98	Electrocatalytic Oxidation and Determination of Cysteamine by Poly-N,N-dimethylaniline/Ferrocyanide Film Modified Carbon Paste Electrode. *Electroanalysis*, **2009**, 21, 1189-1193	3	13
97	Cobalt oxide nanoparticle-modified carbon nanotubes as an electrocatalysts for electrocatalytic evolution of oxygen gas. *Bulletin of Materials Science*, **2015**, 38, 135-140	1.7	12
96	Photoelectrocatalytic oxidation of formaldehyde using a Ti/TiO2 foil electrode. Application for its novel and simple photoelectrochemical determination. *Talanta*, **2012**, 99, 277-82	6.2	12
95	Performance improvement of polymer fuel cell by simultaneously inspection of catalyst loading, catalyst content and ionomer using home-made cathodic half-cell and response surface method. *Energy*, **2019**, 173, 151-161	7.9	11
94	An electrochemical sensor based on CuO nanoparticle for simultaneous determination of hydrazine and bisphenol A. *Journal of the Iranian Chemical Society*, **2018**, 15, 2271-2279	2	11
93	Fabrication of a bimetallic Cu/Pt particle-modified carbon nanotube paste electrode and its use for the electrocatalytic oxidation of methanol. *International Journal of Hydrogen Energy*, **2013**, 38, 16394-16401	6.7	11
92	Investigation of hot pressing parameters for manufacture of catalyst-coated membrane electrode (CCME) for polymer electrolyte membrane fuel cells by response surface method. *Energy*, **2017**, 140, 794-803	7.9	11
91	Nitrite electrochemical sensor for food analysis based on direct immobilization of hemoglobin on multi-walled carbon nanotube ionic liquid electrode. *Journal of the Iranian Chemical Society*, **2014**, 11, 1217-1222	2	11
90	Sensitive Electrochemical Detection of Tryptophan Using a Hemin/G-Quadruplex Aptasensor. *Chemosensors*, **2020**, 8, 100	4	11
89	In situ synthesis of a novel organic-inorganic composite as a non-noble metal electrocatalyst for the oxygen evolution reaction. *International Journal of Hydrogen Energy*, **2018**, 43, 8267-8277	6.7	10
88	Catechol as an electrochemical indicator for voltammetric determination of D-penicillamine in aqueous media at the surface of carbon paste electrode. *Russian Journal of Electrochemistry*, **2012**, 48, 450-456	1.2	10
87	Design of a novel electrochemical biosensor based on intramolecular G-quadruplex DNA for selective determination of lead(II) ions. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 4729-4739	4.4	10
86	Fabrication of Nanocomposite Containing Naphthoquinone and Nanogold Supported on Poly(2,6-pyridinedicarboxylic acid) Film for Voltammetric Determination of N-Acetyl-L-Cysteine. *Electroanalysis*, **2009**, 21, 2674-2679	3	10
85	A novel electrochemical biosensor for selective determination of mercury ions based on DNA hybridization. *Analytical Biochemistry*, **2015**, 488, 12-3	3.1	9
84	Hierarchical zeolitic imidazolate framework-67 derived from in-situ synthesized CO-Al layered double hydroxide embedded within porous-anodized aluminum foil for thin film microextraction of caffeine followed by its high performance liquid chromatography-ultraviolet detection. *Journal of Chromatography A*, **2020**, 1626, 461358	4.5	9

83	Determination of quercetin via thin film microextraction using the in situ growth of Co-Al-layered double hydroxide nanosheets on an electrochemically anodized aluminum substrate followed by HPLC. *Analytical Methods*, **2020**, 12, 799-806	3.2	9
82	Development of a DNA biosensor based on MCM41 modified screen-printed graphite electrode for the study of the short sequence of the p53 tumor suppressor gene in hybridization and its interaction with the flutamide drug using hemin as the electrochemical label. *New Journal of Chemistry*, **2020**, 44, 2016-2024	3.6	9
81	Voltammetric determination of D-penicillamine based on its homogeneous electrocatalytic oxidation with potassium iodide at the surface of glassy carbon electrode. *Russian Journal of Electrochemistry*, **2010**, 46, 1395-1401	1.2	9
80	A study of the electrocatalytic oxidation of methanol on a nickel salophen-modified glassy carbon electrode. *Journal of Solid State Electrochemistry*, **2010**, 14, 817-822	2.6	9
79	Direct electrochemistry and bioelectrocatalysis of a class II non-symbiotic plant haemoglobin immobilised on screen-printed carbon electrodes. *Analytical and Bioanalytical Chemistry*, **2010**, 398, 1643-9	4.4	9
78	Electrocatalytic Oxidation and Voltammetric Determination of L-Cysteic Acid at the Surface of p-Bromanil Modified Carbon Paste Electrode. *Electroanalysis*, **2006**, 18, 1722-1726	3	9
77	Microbial fuel cell-based self-powered biosensing platform for determination of ketamine as an anesthesia drug in clinical serum samples. *Journal of the Iranian Chemical Society*, **2018**, 15, 445-453	2	9
76	Utilization of a bioactive anthocyanin for the fabrication of a novel carbon nanotube-based electrochemical sensor and its electrocatalytic properties for selective determination of l-dopa in the presence of uric acid. *Ionics*, **2016**, 22, 125-134	2.7	8
75	Determination of copper ion by square wave anodic stripping voltammetry at antimony trioxide-modified carbon nanotube paste electrode. *Journal of the Iranian Chemical Society*, **2017**, 14, 1263-1270	2	8
74	Electrochemical sensor based on magnetite graphene oxide/ordered mesoporous carbon hybrid to detection of allopurinol in clinical samples. *Talanta*, **2020**, 211, 120759	6.2	8
73	Novel nano-zeolite modified carbon paste electrode for electrocatalytic oxidation of methanol. *Monatshefte Für Chemie*, **2012**, 143, 409-412	1.4	8
72	Fabrication of a fast, simple and sensitive voltammetric sensor for the simultaneous determination of 4-aminohippuric acid and uric acid using a functionalized multi-walled carbon nanotube modified glassy carbon electrode. *Analytical Methods*, **2012**, 4, 1825	3.2	8
71	A Simple and Efficient Electrochemical Sensor for Electrocatalytic Reduction of Nitrite Based on Poly(4-aminoacetanilide) Film Using Carbon Paste Electrode. *Journal of the Chinese Chemical Society* , **2011**, 58, 247-254	1.5	8
70	Kinetic determination of silver ion by its perturbation on Belousov-Zhabotinskii oscillating chemical reaction using potentiometric method. *Analytical Sciences*, **2004**, 20, 883-6	1.7	8
69	A bimetallic nanocomposite modified genosensor for recognition and determination of thalassemia gene. *International Journal of Biological Macromolecules*, **2016**, 91, 400-8	7.9	8
68	A human telomeric G-quadruplex-based electronic nanoswitch for the detection of anticancer drugs. *Analyst, The*, **2015**, 140, 4068-75	5	7
67	Nitrogen functionalized carbon nanotubes as a support of platinum electrocatalysts for performance improvement of ORR using fuel cell cathodic half-cell. *Renewable Energy*, **2020**, 159, 1015-1028	8.1	7
66	A novel and simple electrochemical sensor for some dopaminergic drugs such as selegiline and pramipexole based on a nickel nanoparticle modified carbon paste electrode. *Analytical Methods*, **2016**, 8, 2471-2478	3.2	7

65	Sensitive electrochemical DNA-based biosensors for the determination of Ag+ and Hg2+ ions and their application in analysis of amalgam filling. *Journal of the Iranian Chemical Society*, **2018**, 15, 1871-1880	2	7
64	Rapid Determination of Phenolic Compounds in Water Samples: Development of a Paper-based Nanobiosensor Modified with Functionalized Silica Nanoparticles and Potato Tissue. *Electroanalysis*, **2019**, 31, 2311-2318	3	7
63	Silver nanoparticle decorated poly(2-aminodiphenylamine) modified carbon paste electrode as a simple and efficient electrocatalyst for oxidation of formaldehyde. *Chinese Journal of Catalysis*, **2014**, 35, 1565-1570	11.3	7
62	High electrocatalysis of ethylene glycol oxidation based on nickel particles electrodeposited into poly (m-toluidine)/Triton X-100 composite. *Journal of Applied Electrochemistry*, **2013**, 43, 927-937	2.6	7
61	Improved hydrogen evolution on glassy carbon electrode modified with novel Pt/cetyltrimethylammonium bromide nanoscale aggregates. *Chinese Journal of Catalysis*, **2015**, 36, 216-220	11.3	7
60	Electrochemical oxidation of catechol in the presence of an aromatic amine in aqueous media. *Journal of Applied Electrochemistry*, **2009**, 39, 1651-1654	2.6	7
59	Voltage effects on the production of nanocarbons by a unique arc-discharge set-up in solution. *Journal of Experimental Nanoscience*, **2009**, 4, 331-339	1.9	7
58	The Potentiometric Effect of As(III) Ion on a Belousov□habotinskii Oscillating Chemical Reaction. Application to the Determination of As(III). *Bulletin of the Chemical Society of Japan*, **2003**, 76, 2117-2121	5.1	7
57	The Potentiometric Effect of Hydrazine on a Belousov□habotinskii Oscillating Chemical Reaction: Application to the Determination of Hydrazine. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 258-261	5.1	7
56	Sensitive amperometric pyridoxine sensor based on self-assembled Prussian blue nanoparticle-modified poly(o-phenylenediamine)/glassy carbon electrode. *Applied Organometallic Chemistry*, **2016**, 30, 297-303	3.1	6
55	Nucleic acid□based electrochemical biosensors **2019**, 253-276		6
54	Electrochemical behavior of catechol in the presence of 2-methyl-1,3-cyclopentanedione: application to electrosynthesis. *Monatshefte F□ Chemie*, **2009**, 140, 503-508	1.4	6
53	In-situ synthesis of flower like CoO nanorod arrays on anodized aluminum substrate templated from layered double hydroxide as a nanosorbent for thin film microextraction of acidic drugs followed by HPLC-UV quantitation. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2020**, 1144, 122090	3.2	6
52	Facile synthesis of polyoxometalate-based composite with doped ternary NiCoFe cations as electrocatalyst for oxygen evolution reaction. *International Journal of Hydrogen Energy*, **2021**, 46, 449-457	6.7	6
51	Highly sensitive and label-free electrochemical biosensor based on gold nanostructures for studying the interaction of prostate cancer gene sequence with epirubicin anti-cancer drug. *Microchemical Journal*, **2021**, 170, 106668	4.8	6
50	A sensitive voltammetric detection of pramipexole based on 1,1,3,3-tetramethyldisilazanecarbon nanotube modified electrode. *Materials Science and Engineering C*, **2017**, 75, 784-790	8.3	5
49	Photoelectrocatalytic degradation of p-hydroxybenzoic acid at the surface of a titanium/titanium dioxide nanotube array electrode using electrochemical monitoring. *Materials Science in Semiconductor Processing*, **2015**, 31, 651-657	4.3	5
48	Development of a new gquadruplex biosensor with the functionalized SBA-15-Au nanoparticles: A platform for selecting gquadruplex-binding ligands. *Sensors and Actuators B: Chemical*, **2015**, 213, 124-130	8.5	5

47	A novel oxidizer-less and high performance microbial fuel cell by using DNA as a final electron acceptor in the cathodic chamber. *International Journal of Hydrogen Energy*, **2016**, 41, 13611-13618	6.7	5
46	Parametric study on electrochemical deposition of hair shaped PtRu as methanol oxidation catalyst. *International Journal of Hydrogen Energy*, **2013**, 38, 16062-16070	6.7	5
45	Rapid detection of single nucleotide mutation in p53 gene based on gold nanoparticles decorated on graphene nanosheets. *Journal of Chemical Sciences*, **2017**, 129, 131-139	1.8	5
44	Evaluation of sodium dodecyl sulfate effect on electrocatalytic properties of poly(1-naphtylamine)/nickel-modified carbon paste electrode as an efficient electrode toward electrooxidation of methanol. *Journal of Solid State Electrochemistry*, **2016**, 20, 2305-2313	2.6	5
43	SiO2 nanoparticles modified CPE as a biosensor for determination of i-motif DNA/Tamoxifen interaction. *International Journal of Biological Macromolecules*, **2016**, 89, 421-7	7.9	5
42	Integrating an ex-vivo skin biointerface with electrochemical DNA biosensor for direct measurement of the protective effect of UV blocking agents. *Biosensors and Bioelectronics*, **2019**, 128, 159-165	11.8	5
41	Voltammetric characterization of human telomeric G-quadruplex: A label free method for anticancer drug detection. *Bioelectrochemistry*, **2016**, 107, 25-9	5.6	4
40	Celestine blue as a new indicator in electrochemical DNA biosensors. *Science China Chemistry*, **2016**, 59, 128-134	7.9	4
39	Usage of gold nanoparticles/multi-walled carbon nanotubes-modified CPE as a nano-bioanode for enhanced power and current generation in microbial fuel cell. *Journal of the Iranian Chemical Society*, **2019**, 16, 1677-1685	2	4
38	Gold film supported nanostructured Cu/Pt catalyst with high electrochemical surface area and enhanced electrocatalytic activity for methanol oxidation. *Journal of the Iranian Chemical Society*, **2015**, 12, 1561-1568	2	4
37	Application of phosphotungstic acid□nickel composite-modified carbon paste electrode for electrocatalytic oxidation of methanol in alkaline solution. *Journal of the Iranian Chemical Society*, **2016**, 13, 2093-2101	2	4
36	Electrocatalytic Oxidation of Hydrogen Peroxide Using Iodide as Mediator; Application for its Simple and Selective Determination. *Journal of the Chinese Chemical Society*, **2010**, 57, 1042-1049	1.5	4
35	Synthesis and subsequent purification of carbon nanotubes by arc discharge in NaCl solution. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 101-105	1.6	4
34	Electrochemical reduction of dioxygen on Alizarin modified glassy carbon electrode in acidic medium. *Russian Journal of Electrochemistry*, **2009**, 45, 881-886	1.2	4
33	Phenylketonuria monitoring in human blood serum by mosses extract/ZnO@Au nanoarrays-loaded filter paper as a novel electrochemical biosensor. *Microchemical Journal*, **2021**, 160, 105739	4.8	4
32	A novel G-quadruplex DNA-based biosensor for sensitive electrochemical determination of thallium(I) ions. *Journal of the Iranian Chemical Society*, **2021**, 18, 407-413	2	4
31	A Voltammetric Sensor Based on Modified Multi-Walled Carbon Nanotubes for N-Acetyl-L-Cysteine Determination in the Presence of Tryptophan Using 4-Chlorocatechol as a Homogenous Electrochemical Catalyst. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 3429-36	1.3	3
30	A New Voltammetric Sensor for Hydrazine Based on Michael Addition Reaction Using 1-Amino-2-naphtol-4-sulfonic Acid. *Journal of the Chinese Chemical Society*, **2015**, 62, 90-96	1.5	3

29	A novel sensor for simultaneous determination of dopamine and uric acid using a new MFI-type zeolite prepared by microwave-assisted synthesis. *Monatshefte F Chemie*, **2012**, 143, 7-12	1.4	3
28	Electrochemical Monitoring of Photoelectrocatalytic Degradation of 3,4-Dichlorophenol Using TiO2 Thin Film Modified Graphite Electrode. *Journal of the Chinese Chemical Society*, **2012**, 59, 917-922	1.5	3
27	Ni/ZSM-5 Zeolite Modified Carbon Paste Electrode as an Efficient Electrode for Electrocatalytic Oxidation of Formaldehyde. *Journal of the Chinese Chemical Society*, **2013**, 60, 546-550	1.5	3
26	Novel Type of Carbon Nanotube Paste Electrode Modified by Sb2O3 for Square Wave Anodic Stripping Voltammetric Determination of Cd2+ and Pb2+. *Electroanalysis*, **2020**, 32, 2260-2265	3	3
25	Thin film microextraction based on Co3O4@GO-Nylon-6 polymeric membrane to extract morin and quercetin and determining them through high performance liquid chromatography-ultraviolet detection. *Microchemical Journal*, **2021**, 170, 106684	4.8	3
24	A switchable Gquadruplex device with the potential of a nanomachine for anticancer drug detection. *International Journal of Biological Macromolecules*, **2016**, 83, 97-102	7.9	2
23	Fabrication and Performance Evaluation of Carbon Paste Poly(N-Methylaniline) Nickel Composite Electrode toward Electrocatalytic Oxidation of Ethanol. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2013**, 50, 541-546	2.2	2
22	Nickel modified ionic liquid/carbon paste electrode for highly efficient electrocatalytic oxidation of methanol in alkaline medium. *Journal of Solid State Electrochemistry*, **2012**, 16, 2617-2622	2.6	2
21	Fabrication of a stable, switchable An/SAM-Au electrode with tunable electron transfer and excellent electrochemical properties. *Electrochimica Acta*, **2008**, 53, 7261-7265	6.7	2
20	Anodic Oxidation of Catechols in the Presence of 1,3-Indandione. A Green Electrosynthetic Approach to New Catechol Derivatives. *Bulletin of the Chemical Society of Japan*, **2007**, 80, 1573-1576	5.1	2
19	Fabrication of layer-by-layer deposited films containing carbon nanotubes and poly(malachite green) as a sensor for simultaneous determination of ascorbic acid, epinephrine, and uric acid		2
18	In-situ synthesis of nanocubic cobalt oxide @ graphene oxide nanocomposite reinforced hollow fiber-solid phase microextraction for enrichment of non-steroidal anti-inflammatory drugs from human urine prior to their quantification via high-performance liquid chromatography-ultraviolet detection. *Journal of Chromatography A*, **2021**, 1641, 461984	4.5	2
17	In-situ formation of Zn-Al layered double oxides on electrochemically anodized nanoporous aluminum film as sorbent for chlorophenols extraction from water and wastewater followed by determination using HPLC. *Journal of Separation Science*, **2021**, 44, 1264-1272	3.4	2
16	Novel polyoxometalate-based composite as efficient electrocatalyst for alkaline water oxidation reaction. *Journal of the Iranian Chemical Society*, **2021**, 18, 2079	2	2
15	A review on the recent achievements on coronaviruses recognition using electrochemical detection methods.. *Microchemical Journal*, **2022**, 107322	4.8	2
14	A simple route for electrochemical preparation of Cu/Pt nanoparticles supported on glassy carbon electrode based on p-isopropyl calix[6]arene matrix and its activity for electrochemical oxidation of H2O2. *Journal of the Iranian Chemical Society*, **2015**, 12, 2037-2044	2	1
13	Ti/TiO2 nanotube array electrode as a new sensor to photoelectrocatalytic determination of ethylene glycol. *Bulletin of Materials Science*, **2016**, 39, 13-17	1.7	1
12	Nickel/Poly(o-aminophenol) Film Prepared in Presence of Sodium Dodecyl Sulfate: Application for Electrocatalytic Oxidation of Carbohydrates. *Journal of the Chinese Chemical Society*, **2012**, 59, 788-792	1.5	1

11	A novel genosensor based on Fe3O4@SiO2/DABCO-modified screen-printed graphite electrode for detection of prostate cancer gene sequence hybridization. *Journal of the Iranian Chemical Society*,1	2	1
10	Designing a novel DNA-based electrochemical biosensor to determine of Ba ions both selectively and sensitively.. *Analytical Biochemistry*, **2022**, 642, 114563	3.1	1
9	In-situ electrosynthesis Cu-PtBTC MOF-derived nanocomposite modified glassy carbon electrode for highly performance electrocatalysis of hydrogen evolution reaction. *Journal of Electroanalytical Chemistry*, **2021**, 900, 115716	4.1	1
8	Template-directed synthesis of three-dimensional metal organic framework 199-derived highly porous copper nano-foam fiber for solid-phase microextraction of some antibiotics prior to their quantification by High performance liquid chromatography. *Journal of Chromatography A*, **2021**, 1660, 462677	4.5	0
7	Determination of 8-hydroxy-7-iodo-5-quinoline sulfonic acid (HIQSA) at renewable electrode with Sb2O3/MWCNT-TiO2 nanohybrid. *Journal of Electroanalytical Chemistry*, **2020**, 858, 113775	4.1	0
6	Differential Pulse Voltammetric Determination of 2-Methyl-4,6-Dinitrophenol using Bismuth Bulk Electrode. *Electroanalysis*, **2020**, 32, 317-322	3	0
5	Template-directed synthesis of zeolitic imidazolate framework-8 derived Zn-Al layered double oxides decorated on the electrochemically anodized nanoporous aluminum substrate for thin film microextraction of chlorophenols followed by determination with high-performance liquid chromatography. *Journal of Chromatography A*, **2021**, 1656, 462550	4.5	0
4	Bimetallic Cu□Pt/nanoporous carbon composite as an efficient catalyst for methanol oxidation. *Journal of the Iranian Chemical Society*, **2018**, 15, 1851-1859	2	
3	A New and Simple Electrocatalyst for Formaldehyde Oxidation; Nickel/poly(o-Anisidine)/Film Modified Ionic Liquid Carbon Paste Electrode. *Journal of the Chinese Chemical Society*, **2013**, 60, 488-494	1.5	
2	Missense mutations involvement in COX-2 structure, and protein-substrate binding affinity: study. *Nucleosides, Nucleotides and Nucleic Acids*, **2021**, 40, 1125-1143	1.4	
1	Determination of Propranolol at a Carbon Paste Electrode Modified with Magnetite□Graphene Oxide in Combination with Presence of Sodium Dodecyl Sulfate. *Russian Journal of Electrochemistry* , **2022**, 58, 184-191	1.2	