## CITATION REPORT List of articles citing

A novel modified carbon paste electrode based on NiO/CNTs nanocomposite and (9, 10-dihydro-9, 10-ethanoanthracene-11, 12-dicarboximido)-4-ethylbenzene-1, 2-diol as a mediator for simultaneous determination of cysteamine, nicotinamide adenine dinucleotide and folic acid

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#	Paper	IF	Citations
257	Surface properties of nano-Al2O3 film and its application in the preparation of morphine electrochemical sensor. <b>2013</b> , 19, 1775-1782		13
256	A fast and sensitive nanosensor based on MgO nanoparticle room-temperature ionic liquid carbon paste electrode for determination of methyldopa in pharmaceutical and patient human urine samples. <b>2013</b> , 19, 1907-1914		30
255	A Voltammetric Sensor Based on NiO Nanoparticle-Modified Carbon-Paste Electrode for Determination of Cysteamine in the Presence of High Concentration of Tryptophan. <b>2013</b> , 2013, 1-7		8
254	Electrochemical Determination of Capsaicin and Silymarin Using a Glassy Carbon Electrode Modified by Gold Nanoparticle Decorated Multiwalled Carbon Nanotubes. <b>2014</b> , 47, 2813-2828		34
253	Evaluation of a Multi-Walled Carbon Nanotube-Hemin Composite for the Voltammetric Determination of Hydrogen Peroxide in Dental Products. <b>2014</b> , 47, 750-762		4
252	A CV Study of Copper Complexation with Guanine Using Glassy Carbon Electrode in Aqueous Medium. <b>2014</b> , 2014, 1-7		6
251	Effect of Variable Nanogeometry of Titanium oxide-gold Nanocomposite: Application in Electrochemical Sensing of Hydrazine. <b>2014</b> , 04,		
250	Coiled-coil peptide based sensor for ultra-sensitive thrombin detection. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 55, 26-31	11.8	17
249	Square wave voltammetric determination of diclofenac in liquid phase using a novel ionic liquid multiwall carbon nanotubes paste electrode. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 197, 114-119	6	42
248	A sensitive nanocomposite-based electrochemical sensor for voltammetric simultaneous determination of isoproterenol, acetaminophen and tryptophan. <b>2014</b> , 51, 91-99		69
247	Electropolymerization of taurine on gold surface and its sensory application for determination of captopril in undiluted human serum. <b>2014</b> , 38, 197-205		24
246	ZnO nanoparticle-modified ionic liquid-carbon paste electrodefor voltammetric determination of folic acid in food and pharmaceutical samples. <b>2014</b> , 20, 421-429		70
245	A novel nanosensor based on Pt:Co nanoalloy ionic liquid carbon paste electrode for voltammetric determination of vitamin B9 in food samples. <b>2014</b> , 57, 679-685		138
244	A new strategy for determination of bisphenol A in the presence of Sudan I using a ZnO/CNTs/ionic liquid paste electrode in food samples. <b>2014</b> , 158, 125-31		201
243	An electrochemical nanocomposite modified carbon paste electrode as a sensor for simultaneous determination of hydrazine and phenol in water and wastewater samples. <b>2014</b> , 21, 5879-88		91
242	A high sensitive biosensor based on FePt/CNTs nanocomposite/N-(4-hydroxyphenyl)-3,5-dinitrobenzamide modified carbon paste electrode for simultaneous determination of glutathione and piroxicam. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 60, 1-7	11.8	248
241	Electrocatalytic determination of captopril in real samples using NiO nanoparticle modified (9,10-dihydro-9,10-ethanoanthracene-11,12-dicarboximido)-4-ethylbenzene-1,2-diol carbon paste electrode. <b>2014</b> , 199, 47-53		23

240	ZnO/CNTs nanocomposite/ionic liquid carbon paste electrode for determination of noradrenaline in human samples. <b>2014</b> , 123, 456-462		71
239	An Electrochemical Nanosensor for Simultaneous Voltammetric Determination of Ascorbic Acid and Sudan I in Food Samples. <b>2014</b> , 7, 2169-2176		40
238	Electrochemical determination of estradiol using a thin film containing reduced graphene oxide and dihexadecylphosphate. <b>2014</b> , 37, 14-9		47
237	Electrochemical sensing of paracetamol and its simultaneous resolution in the presence of dopamine and folic acid at a multi-walled carbon nanotubes/poly(glycine) composite modified 3.2 electrode. <i>Analytical Methods</i> , <b>2014</b> , 6, 9459-9468		51
236	Differential pulse voltammetric determination of ascorbic acid in the presence of folic acid at electro-deposited NiO/graphene composite film modified electrode. <b>2014</b> , 142, 336-342	,	54
235	Voltammetry of nanoparticle-coupled imine linkage-based receptors for sensing of Al(III) and Co(II) ions. <b>2014</b> , 44, 1239-1251	,	6
234	Fabrication of a simple and sensitive QDs-based electrochemiluminescence immunosensor using a nanostructured composite material for the detection of tumor markers alpha-fetoprotein. <b>2014</b> , 2, 8321-83	328	26
233	Application of 3,4-dihydroxycinnamic acid as a suitable mediator and multiwall carbon nanotubes as a sensor for the electrocatalytic determination of L-cysteine. <b>2014</b> , 35, 1166-1172		8
232	ZnO nanoparticles as an oxidase mimic-mediated flow-injection chemiluminescence system for sensitive determination of carvedilol. <i>Talanta</i> , <b>2014</b> , 130, 116-21	٠ .	33
231	A voltammetric biosensor based on ionic liquid/NiO nanoparticle modified carbon paste electrode for the determination of nicotinamide adenine dinucleotide (NADH). <b>2014</b> , 204, 647-654		68
230	A voltammetric sensor based on NiO/CNTs ionic liquid carbon paste electrode for determination of morphine in the presence of diclofenac. <b>2014</b> , 35, 379-85		113
229	Application of CdO nanoparticle ionic liquid modified carbon paste electrode as a high sensitive biosensor for square wave voltammetric determination of NADH. <b>2014</b> , 45, 210-5		29
228	Square wave voltammetric determination of captopril in liquid phase using N-(4-hydroxyphenyl)-3,5-dinitrobenzamide modified ZnO/CNT carbon paste electrode as a novel electrochemical sensor. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 198, 193-199		22
227	Electrocatalytic and Simultaneous Determination of Ascorbic Acid, Nicotinamide Adenine Dinucleotide and Folic Acid at Ruthenium(II) Complex-ZnO/CNTs Nanocomposite Modified Carbon Paste Electrode. <i>Electroanalysis</i> , <b>2014</b> , 26, 962-970		65
226	A novel biosensor for liquid phase determination of glutathione and amoxicillin in biological and pharmaceutical samples using a ZnO/CNTs nanocomposite/catechol derivative modified electrode.  Journal of Molecular Liquids, 2014, 196, 258-263		70
225	Disposable pencil graphite electrode modified with peptide nanotubes for Vitamin B12 analysis. <b>2014</b> , 303, 37-45		43
224	Determination of amikacin in human plasma by molecular imprinted SPR nanosensor. <b>2014</b> , 198, 70-76		65
223	Voltammetric determination of cysteamine at multiwalled carbon nanotubes paste electrode in the presence of isoproterenol as a mediator. <b>2014</b> , 25, 1244-1246		18

222	A sensitive voltammetric sensor for determination of Cd(II) in human plasma. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 197, 58-64	6	37
221	A voltammetric sensor with a multiwall carbon nanotube paste electrode and naphthol green as a mediator for the determination of N-actylcysteine in the presence of tryptophan. <b>2014</b> , 35, 501-508		5
220	Shape-dependent electron transfer kinetics and catalytic activity of NiO nanoparticles immobilized onto DNA modified electrode: fabrication of highly sensitive enzymeless glucose sensor. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 56, 313-9	11.8	56
219	Chitosan coated copper and cadmium hexacyanocobaltate nanocubes as immunosensing probes for the construction of multiple analytes platform. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 61, 562-8	11.8	28
218	Morphological investigation of synthetic poly(amic acid)/cerium oxide nanostructures. <b>2015</b> , 55, 2339-2	2348	10
217	Adsorption of Phenol from Aqueous Solutions by Carbon Nanomaterials of One and Two Dimensions: Kinetic and Equilibrium Studies. <b>2015</b> , 2015, 1-14		33
216	Biomedical Probes Based on Inorganic Nanoparticles for Electrochemical and Optical Spectroscopy Applications. <b>2015</b> , 15, 21427-77		16
215	Formation Mechanism of Magnesium Ammonium Phosphate Stones: A Component Analysis of Urinary Nanocrystallites. <b>2015</b> , 2015, 1-9		1
214	Fabrication and Properties of Macroscopic Carbon Nanotube Assemblies Transforming from Aligned Nanotubes. <b>2015</b> , 2015, 1-8		2
213	A catechin-modified carbon paste electrode for electrocatalytic determination of neurotransmitters. <i>Analytical Methods</i> , <b>2015</b> , 7, 5641-5648	3.2	3
212	New BnBfflbptical probe based on Schiff base responding to Al3+ ions: Logic gate application. <b>2015</b> , 219, 218-231		27
211	Kinetic and thermodynamic studies for alizarin removal from liquid phase using poly-2-hydroxyethyl methacrylate (PHEMA). <i>Journal of Molecular Liquids</i> , <b>2015</b> , 207, 21-27	6	32
210	Silver nanoparticles enhanced a novel TCPO-HDBafranin O chemiluminescence system for determination of 6-mercaptopurine. <b>2015</b> , 145, 454-460		32
209	Application of carbon nanotubelbnic liquid pinephrine composite gel modified electrode as a sensor for glutathione. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 757, 198-202	4.1	12
208	Fabrication of a non-enzymatic Ni(II) loaded ZSM-5 nanozeolite and multi-walled carbon nanotubes paste electrode as a glucose electrochemical sensor. <i>RSC Advances</i> , <b>2015</b> , 5, 105707-105718	3.7	24
207	Preparation and Investigation of Novel PVA/Silica Nanocomposites with Potential Application in NLO. <b>2015</b> , 54, 192-201		12
206	Microwave-assisted removal of malachite green by carboxylate functionalized multi-walled carbon nanotubes: Kinetics and equilibrium study. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 206, 151-158	6	81
205	Molecularly imprinted electrochemical sensor for propyl gallate based on PtAu bimetallic nanoparticles modified graphene-carbon nanotube composites. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 68, 563-569	11.8	79

## (2015-2015)

204	An electrochemical immunosensing method for detecting melanoma cells. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 68, 508-515	11.8	39
203	A nitrite electrochemical sensor based on electrodeposition of zirconium dioxide nanoparticles on carbon nanotubes modified electrode. <i>Journal of the Iranian Chemical Society</i> , <b>2015</b> , 12, 1053-1060	2	16
202	Simultaneous voltammetric determination of paracetamol and domperidone based on a graphene/platinum nanoparticles/nafion composite modified glassy carbon electrode. <b>2015</b> , 213, 285-	294	83
201	Growth and Plasma Functionalization of Carbon Nanotubes. <i>Journal of Cluster Science</i> , <b>2015</b> , 26, 315-33	363	14
200	Biochemical and gene expression effects of 1-alkyl-3-methylimidazolium tetrafluoroborate on Vibrio qinghaiensis spQ67. <b>2015</b> , 300, 483-492		19
199	Rapid and fast strategy for the determination of glutathione in the presence of vitamin B6 in biological and pharmaceutical samples using a nanostructure based electrochemical sensor. <i>RSC Advances</i> , <b>2015</b> , 5, 56255-56261	3.7	31
198	ZnO/CdO nanocomposites for textile effluent degradation and electrochemical detection. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 209, 374-380	6	142
197	A Novel DNA Biosensor Based on a Pencil Graphite Electrode Modified with Polypyrrole/Functionalized Multiwalled Carbon Nanotubes for Determination of 6-Mercaptopurine Anticancer Drug. <b>2015</b> , 54, 3634-3639		350
196	Electrocatalytic Determination of Hydroxylamine in the Presence of Thiosulfate in Water and Wastewater Samples Using a Nanostructure Modified Carbon Paste Electrode. <i>Electroanalysis</i> , <b>2015</b> , 27, 1733-1741	3	24
195	A Nanostructure Based Electrochemical Sensor for Square Wave Voltammetric Determination of L-Cysteine in the Presence of High Concentration of Folic Acid. <i>Electroanalysis</i> , <b>2015</b> , 27, 1766-1773	3	34
194	Structural, magnetic and electron transfer effect of Cr additive on Fe65Co35 nanopowder fabricated mechanical alloying. <b>2015</b> , 279, 262-268		7
193	Highly sensitive voltammetric sensor based on NiO nanoparticle room temperature ionic liquid modified carbon paste electrode for levodopa analysis. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 208, 78-83	6	36
192	Response of a new multi-walled carbon nanotubes modified carbon paste electrode to 1-hexyl-3-methylimidazolium cation in aqueous solution. <b>2015</b> , 21, 2503-2510		3
191	Green synthesis of silver nanoparticles using seed extract of Calendula officinalis in liquid phase. Journal of Molecular Liquids, <b>2015</b> , 207, 159-163	6	64
190	A simple Schiff base based novel optical probe for aluminium (III) ions. <b>2015</b> , 216, 86-104		64
189	Microfluidic enzymatic biosensing systems: A review. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 70, 376-91	11.8	61
188	Fabrication and electrochemical characterization of dopamine-sensing electrode based on modified graphene nanosheets. <i>Analytical Methods</i> , <b>2015</b> , 7, 9317-9323	3.2	34
187	Highly selective and sensitive electrochemical sensor for l-cysteine detection based on graphene oxide/multiwalled carbon nanotube/manganese dioxide/gold nanoparticles composite. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 757, 100-106	4.1	44

186	3-D periodic mesoporous nickel oxide for nonenzymatic uric acid sensors with improved sensitivity. <b>2015</b> , 359, 221-226		12
185	Ultrasound assisted adsorption of malachite green dye onto ZnS:Cu-NP-AC: Equilibrium isotherms and kinetic studies [Response surface optimization. <b>2015</b> , 156, 780-788		95
184	A nanostructure-based electrochemical sensor for square wave voltammetric determination of N-acetylcysteine in pharmaceutical and biological samples. <b>2015</b> , 21, 1153-1161		9
183	One-step synthesis of redox-active polymer/AU nanocomposites for electrochemical immunoassay of multiplexed tumor markers. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 65, 307-13	11.8	35
182	Electrochemical evaluation of a boron-doped diamond electrode for simultaneous determination of an antihypertensive ternary mixture of amlodipine, hydrochlorothiazide and valsartan in pharmaceuticals. <i>Analytical Methods</i> , <b>2015</b> , 7, 1053-1060	3.2	29
181	Nano-manganese hydrogen sulfate as a novel catalyst for the anti-diastereoselective Mannich reaction in water. <b>2015</b> , 41, 5049-5058		5
180	Liquid phase determination of isuprel in pharmaceutical and biological samples using a nanostructure modified carbon paste electrode. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 201, 108-112	6	9
179	A Voltammetric Sensor for Simultaneous Determination of Vitamin C and Vitamin B6 in Food Samples Using ZrO2 Nanoparticle/Ionic Liquids Carbon Paste Electrode. <b>2015</b> , 8, 549-557		147
178	Chemical etching of bovine serum albumin-protected Au25 nanoclusters for label-free and separation-free detection of cysteamine. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 66, 155-61	11.8	52
177	Evaluation of ZnO nanoparticle ionic liquid composite as a voltammetric sensing of isoprenaline in the presence of aspirin for liquid phase determination. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 201, 102-107	6	86
176	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. <b>2015</b> , 8, 885-892		18
175	Detecting multiple cell-secreted cytokines from the same aptamer-functionalized electrode. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 64, 43-50	11.8	83
174	A Fast Strategy for Determination of Vitamin Būn Food and Pharmaceutical Samples Using an Ionic Liquid-Modified Nanostructure Voltammetric Sensor. <b>2016</b> , 16,		13
173	Control of Hierarchical Structure of Crystalline Nanofibers Based on the Cooperative Phenomena of Functional Molecular Group as the Target of Expression of New Physical Properties: Creation of Molecular Conductors and Enhancement of Thixotropic Ability. <b>2016</b> ,		1
172	Fabrication of Fast and Sensitive Nanostructure Voltammetric Sensor for Determination of Curcumin in the Presence of Vitamin B9 in Food Samples. <i>Electroanalysis</i> , <b>2016</b> , 28, 2590-2597	3	19
171	A Novel Strategy for Determination of Paracetamol in the Presence of Morphine Using a Carbon Paste Electrode Modified with CdO Nanoparticles and Ionic Liquids. <i>Electroanalysis</i> , <b>2016</b> , 28, 366-371	3	53
170	Sensitive detection of multiple pathogens using a single DNA probe. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 398-405	11.8	22
169	Time-dependent effects of [apyr]BF(4) and key contributors to their mixture stimulation on Vibrio qinghaiensis spQ67 at apical and biochemical levels. <b>2016</b> , 312, 114-122		13

Silsesquioxane-cored star amphiphilic polymer as an efficient dispersant for multi-walled carbon nanotubes. <i>RSC Advances</i> , <b>2016</b> , 6, 30401-30404	3.7	3	
Fabrication of CdO/single wall carbon nanotubes modified ionic liquids carbon paste electrode as a high performance sensor in diphenhydramine analysis. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 219, 1023-	029	13	
Polyaniline-graphene based \(\pm\)mylase biosensor with a linear dynamic range in excess of 6 orders of magnitude. \(\textit{Biosensors and Bioelectronics}\), \(\textit{2016}\), 85, 395-402	11.8	36	
Interaction of some cardiovascular drugs with bovine serum albumin at physiological conditions using glassy carbon electrode: A new approach. <b>2016</b> , 65, 97-108		9	
Sensitive voltammetric sensor based on polyoxometalate/reduced graphene oxide nanomaterial: Application to the simultaneous determination of l-tyrosine and l-tryptophan. <b>2016</b> , 233, 47-54		150	
Application of a nanostructured sensor based on NiO nanoparticles modified carbon paste electrode for determination of methyldopa in the presence of folic acid. <b>2016</b> , 379, 150-155		27	
Peanut skin extract mediated synthesis of gold nanoparticles, silver nanoparticles and gold-silver bionanocomposites for electrochemical Sudan IV sensing. <b>2016</b> , 10, 431-437		10	
Electrocatalytic oxidation of hydrazine on magnetic bar carbon paste electrode modified with benzothiazole and iron oxide nanoparticles: Simultaneous determination of hydrazine and phenol. <b>2016</b> , 37, 549-560		28	
Polyaniline-graphene oxide nanocomposite sensor for quantification of calcium channel blocker levamlodipine. <b>2016</b> , 65, 205-14		19	
Recent trends in electrochemical sensors for multianalyte detection - A review. <i>Talanta</i> , <b>2016</b> , 161, 89	94-961.6	94	
Simultaneous determination of 6-mercaptopruine, 6-thioguanine and dasatinib as three important anticancer drugs using nanostructure voltammetric sensor employing Pt/MWCNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 879-884	11.8	194	
Ionic liquid based high performance electrochemical sensor for ascorbic acid in various foods and pharmaceuticals. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 222, 370-376	6	27	
Fabrication a new modified electrochemical sensor based on Au-Pd bimetallic nanoparticle decorated graphene for citalopram determination. <b>2016</b> , 69, 653-60		20	
Electrochemical oxidation of nimesulide in aqueous acid solutions based on TiO2 nanostructure modified electrode as a sensor. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 778, 103-109	4.1	62	
Highly sensitive nanostructure voltammetric sensor employing Pt/CNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate for determination of tryptophan in food and pharmaceutical samples. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 223, 431-435	6	16	
Fabrication of novel electrochemical sensor for determination of vitamin C in the presence of vitamin B9 in food and pharmaceutical samples. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 221, 666-672	6	23	
Fabrication and characterization of nanostructured (SnIIi)O2 pellets and films for liquefied petroleum gas sensing. <b>2016</b> , 27, 7852-7863		1	
			_
	nanotubes. <i>RSC Advances</i> , <b>2016</b> , 6, 30401-30404  Fabrication of CdO/single wall carbon nanotubes modified ionic liquids carbon paste electrode as a high performance sensor in diphenhydramine analysis. <i>Journal of Malecular Liquids</i> , <b>2016</b> , 219, 1023-1041, polyaniline-graphene based làmylase biosensor with a linear dynamic range in excess of 6 orders of magnitude. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 395-402  Interaction of some cardiovascular drugs with bovine serum albumin at physiological conditions using glassy carbon electrode: A new approach. <b>2016</b> , 65, 97-108  Sensitive voltammetric sensor based on polyoxometalate/reduced graphene oxide nanomaterial: Application to the simultaneous determination of l-tyrosine and l-tryptophan. <b>2016</b> , 233, 47-54  Application of a nanostructured sensor based on NiO nanoparticles modified carbon paste electrode for determination of methyldopa in the presence of folic acid. <b>2016</b> , 379, 150-155  Peanut skin extract mediated synthesis of gold nanoparticles, silver nanoparticles and gold-silver bionanocomposites for electrochemical Sudan IV sensing. <b>2016</b> , 10, 431-437  Electrocatalytic oxidation of hydrazine on magnetic bar carbon paste electrode modified with benzothiazole and iron oxide nanoparticles: Simultaneous determination of hydrazine and phenol. <b>2016</b> , 37, 549-560  Polyaniline-graphene oxide nanocomposite sensor for quantification of calcium channel blocker levamlodipine. <b>2016</b> , 65, 205-14  Recent trends in electrochemical sensors for multianalyte detection - A review. <i>Talanta</i> , <b>2016</b> , 161, 85  Simultaneous determination of 6-mercaptopruine, 6-thioguanine and dasatinib as three important anticancer drugs using nanostructure voltammetric sensor employing Pt/MwcNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 879-884  lonic liquid based high performance electrochemical sensor for ascorbic acid in various foods and pharmaceutical samples. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 778, 103-109	Pabrication of CdO/single wall carbon nanotubes modified ionic liquids carbon paste electrode as a high performance sensor in diphenhydramine analysis. Journal of Molecular Liquids, 2016, 219, 1023-1029  Polyaniline-graphene based Bamylase biosensor with a linear dynamic range in excess of 6 orders of magnitude. Biosensors and Bioelectronics, 2016, 85, 395-402  Interaction of some cardiovascular drugs with bovine serum albumin at physiological conditions using glassy carbon electrode: A new approach. 2016, 65, 97-108  Sensitive voltammetric sensor based on polyoxometalate/reduced graphene oxide nanomaterial: Application to the simultaneous determination of I-tyrosine and I-tryptophan. 2016, 233, 47-54  Application of a nanostructured sensor based on NiO nanoparticles modified carbon paste electrode for determination of methyldopa in the presence of folic acid. 2016, 319, 150-155  Peanut skin extract mediated synthesis of gold nanoparticles, silver nanoparticles and gold-silver bionanocomposites for electrochemical Sudan IV sensing. 2016, 10, 431-437  Electrocatalytic oxidation of hydrazine on magnetic bar carbon paste electrode modified with benzothiazole and iron oxide nanoparticles: Simultaneous determination of hydrazine and phenol. 2016, 37, 59-560  Polyaniline-graphene oxide nanocomposite sensor for quantification of calcium channel blocker levamlodipine. 2016, 65, 205-14  Recent trends in electrochemical sensors for multianalyte detection - A review. Talanta, 2016, 161, 894-816  Simultaneous determination of 6-mercaptopruine, 6-thioguanine and dasatinib as three important anticancer drugs using nanostructure voltammetric sensor employing Pt/MWCNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate. Biosensors and Bioelectronics, 2016, 86, 879-884  Lonic liquid based high performance electrochemical sensor based on Au-Pd bimetallic nanoparticle decorated graphene for citalopram determination. 2016, 69, 653-60  Electrochemical oxidation of nimesulide in aqueous acid solutions based on TiO2 nanostructure m	Fabrication of CdO/single wall carbon nanotubes modified ionic liquids carbon paste electrode as a high performance sensor in diphenhydramine analysis. Journal of Molecular Liquids, 2016, 219, 1023-1029 13  Polyaniline-graphene based Bmylase biosensor with a linear dynamic range in excess of 6 orders of magnitude. Biosensors and Bioelectronics, 2016, 85, 395-402  Interaction of some cardiovascular drugs with bovine serum albumin at physiological conditions using glassy carbon electrode: A new approach, 2016, 65, 97-108  Sensitive voltammetric sensor based on polyoxometalate/reduced graphene oxide nanomaterial: Application to the simultaneous determination of I-tyrosine and I-tryptophan, 2016, 233, 47-54  Application of a nanostructured sensor based on NiO nanoparticles modified carbon paste electrode for determination of methyldops in the presence of folic acid. 2016, 379, 150-155  Peanut skin extract mediated synthesis of gold nanoparticles, silver nanoparticles and gold-silver bionanocomposites for electrochemical Sudan IV sensing, 2016, 10, 431-437  Electrocatalytic oxidation of hydrazine on magnetic bar carbon paste electrode modified with benzothiazole and iron oxide nanoparticles: Simultaneous determination of hydrazine and phenol. 2016, 37, 549-560  Polyaniline-graphene oxide nanocomposite sensor for quantification of calcium channel blocker levamlodipine. 2016, 65, 205-14  Recent trends in electrochemical sensors for multianalyte detection - A review. Talanta, 2016, 161, 894-916  94  Simultaneous determination of 6-mercaptopruine, 6-thioguanine and dasatinib as three important anticancer drugs using nanostructure voltammetric sensor employing Pt/NWCNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate. Biosensors and Bioelectronics, 2016, 86, 879-884  lonic liquid based high performance electrochemical sensor for ascorbic acid in various foods and pharmaceuticals. Journal of Molecular Liquids, 2016, 222, 370-376  Electrochemical oxidation of nimesulide in aques acid solutions based on TiO2 nanostruct

150	Taguchi L8 (27) orthogonal array design method for the optimization of synthesis conditions of manganese phosphate (Mn3(PO4)2) nanoparticles using water-in-oil microemulsion method. Journal of Molecular Liquids, <b>2016</b> , 219, 1131-1136	6	5
149	Determination of isoproterenol in pharmaceutical and biological samples using a pyrogallol red multiwalled carbon nanotube paste electrode as a sensor. <b>2016</b> , 37, 579-583		10
148	Platinum nanoparticles supported on nitrogen and sulfur-doped reduced graphene oxide nanomaterial as highly active electrocatalysts for methanol oxidation. <b>2016</b> , 27, 8559-8566		71
147	Thiourea Based Dipodal Receptor Development for Electrochemical Detection of Brllon in an Aqueous Medium. <i>Electroanalysis</i> , <b>2016</b> , 28, 718-723	3	5
146	Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. <b>2016</b> , 69, 231-	-5	17
145	Application of ZnO Nanoparticle/Ion Liquid Modified Carbon Paste Electrode for Determination of Isoproterenol in Pharmaceutical and Biological Samples. <i>Journal of the Electrochemical Society</i> , <b>2016</b> , 163, B38-B42	3.9	18
144	Selective determination of phenols and aromatic amines based on horseradish peroxidase-nanoporous gold co-catalytic strategy. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 79, 843-9	11.8	48
143	Electrochemical determination of vitamin C in the presence of NADH using a CdO nanoparticle/ionic liquid modified carbon paste electrode as a sensor. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 213, 312-316	6	65
142	A sensitive electrochemiluminescence folic acid sensor based on a 3D graphene/CdSeTe/Ru(bpy)32+-doped silica nanocomposite modified electrode. <b>2016</b> , 187, 433-441		27
141	Determination of hydroquinone in food and pharmaceutical samples using a voltammetric based sensor employing NiO nanoparticle and ionic liquids. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 219, 63-67	6	37
140	Graphene oxide/NiO nanoparticle composite-ionic liquid modified carbon paste electrode for selective sensing of 4-chlorophenol in the presence of nitrite. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 219, 142-148	6	30
139	Signal-on electrochemical detection of antibiotics at zeptomole level based on target-aptamer binding triggered multiple recycling amplification. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 80, 471-476	11.8	35
138	An electrochemical sensor based on TiO2/activated carbon nanocomposite modified screen printed electrode and its performance for phenolic compounds detection in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2016</b> , 96, 237-246	1.8	17
137	A new sensor for determination of nalbuphine using NiO/functional single walled carbon nanotubes nanocomposite and ionic liquid. <b>2016</b> , 230, 456-462		19
136	Highly sensitive and efficient voltammetric determination of ascorbic acid in food and pharmaceutical samples from aqueous solutions based on nanostructure carbon paste electrode as a sensor. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 216, 387-391	6	37
135	Highly sensitive determination of promazine in pharmaceutical and biological samples using a ZnO nanoparticle-modified ionic liquid carbon paste electrode. <b>2016</b> , 27, 779-782		13
134	A novel voltammetric sensor employing zinc oxide nanoparticles and a new ferrocene-derivative modified carbon paste electrode for determination of captopril in drug samples. <i>Analytical Methods</i> , <b>2016</b> , 8, 1780-1788	3.2	66
133	A novel 5-fluorouracile anticancer drug sensor based on ZnFe2O4 magnetic nanoparticles ionic liquids carbon paste electrode. <b>2016</b> , 230, 607-614		54

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132	Self-assembled monolayer of SH-DNA strand on a magnetic bar carbon paste electrode modified with Fe3O4@Ag nanoparticles for detection of breast cancer mutation. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 768, 47-54	4.1	37
131	Fabrication of highly sensitive and selective nanocomposite film based on CuNPs/fullerene-C60/MWCNTs: An electrochemical nanosensor for trace recognition of paracetamol. <b>2016</b> , 917, 107-16		46
130	Cyclic voltammetric studies of a new 1-pentylpyridazinium bromide ionic liquid and its determination in detergents and sea water samples. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 218, 186-190	6	1
129	SWCNT-modified carbon paste electrode as an electrochemical sensor for histamine determination in alcoholic beverages. <b>2016</b> , 9, 2701-2710		40
128	Boron doped diamond sensor for sensitive determination of metronidazole: Mechanistic and analytical study by cyclic voltammetry and square wave voltammetry. <b>2016</b> , 59, 604-610		48
127	Liquid phase determination of bisphenol A in food samples using novel nanostructure ionic liquid modified sensor. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 215, 253-257	6	35
126	Electrochemical determination of carbamazepin in the presence of paracetamol using a carbon ionic liquid paste electrode modified with a three-dimensional graphene/MWCNT hybrid composite film. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 215, 316-322	6	26
125	Activation of molecular oxygen for the oxidation of 2-mercaptoethanol: A kinetic and mechanistic approach. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 34, 84-88	6.3	6
124	Performance enhancement of epoxy based sandwich composites using multiwalled carbon nanotubes for the application of sockets in trans-femoral amputees. <b>2016</b> , 59, 1-10		13
123	Size Controlling of L10-FePt Nanoparticles During High Temperature Annealing on the Surface of Carbon Nanotubes. <b>2016</b> , 26, 344-352		4
122	Bisphenol A Analysis in Food Samples Using Modified Nanostructure Carbon Paste Electrode as a Sensor. <b>2016</b> , 9, 1763-1769		28
121	Liquid phase determination of adrenaline uses a voltammetric sensor employing CuFe2O4 nanoparticles and room temperature ionic liquids. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 213, 369-373	6	79
120	Simple and Rapid Quantification of Folic Acid in Pharmaceutical Tablets using a Cathodically Pretreated Highly Boron-doped Polycrystalline Diamond Electrode. <b>2016</b> , 49, 107-121		24
119	Effective organic amine detection by nanoparticle-assembled tin dioxide microspheres: The importance of interparticle porosity on sensing properties. <b>2016</b> , 224, 381-390		10
118	Polysilicon nanogap lab-on-chip facilitates multiplex analyses with single analyte. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 84, 44-52	11.8	20
117	Removal of malachite green from aqueous solutions by cuprous iodidedupric oxide nano-composite loaded on activated carbon as a new sorbent for solid phase extraction: Isotherm, kinetics and thermodynamic studies. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 213, 360-368	6	41
116	SERS encoded nanoparticle heterodimers for the ultrasensitive detection of folic acid. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 55-8	11.8	41
115	Molybdenum disulphide and graphene quantum dots as electrode modifiers for laccase biosensor. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 232-7	11.8	91

114	Ultrasensitive and selective 4-aminophenol chemical sensor development based on nickel oxide nanoparticles decorated carbon nanotube nanocomposites for green environment. <b>2017</b> , 53, 27-38		78
113	Electrochemical Determination of Uric Acid Using a Multiwalled Carbon Nanotube Platinum Nickel Alloy Glassy Carbon Electrode. <b>2017</b> , 50, 91-104		11
112	A non-enzymatic glucose sensor based on NiO nanoparticles/functionalized SBA 15/MWCNT-modified carbon paste electrode. <b>2017</b> , 23, 1553-1562		48
111	Selective staining of CdS on ZnO biolabel for ultrasensitive sandwich-type amperometric immunoassay of human heart-type fatty-acid-binding protein and immunoglobulin G. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 91, 321-327	11.8	14
110	Liquid phase analysis of methyldopa in the presence of tyrosine using electrocatalytic effect of a catechol derivative at a surface of NiO nanoparticle modified carbon paste electrode. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 230, 290-294	6	9
109	Application of novel Ni(II) complex and ZrO nanoparticle as mediators for electrocatalytic determination of N-acetylcysteine in drug samples. <b>2017</b> , 25, 1000-1007		15
108	Ultrasonic assisted synthesis of nanocomposite materials based on resole resin and surface modified nano CeO: Chemical and morphological aspects. <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 39, 160-173	8.9	16
107	Analysis of Levodopa in the Presence of Vitamin B6 Using Carbon Paste Electrode Modified with 1-Butyl-3 methylimidazolium Hexafluorophosphate and CuO Nanoparticles. <i>Electroanalysis</i> , <b>2017</b> , 29, 1854-1859	3	19
106	Improve the performance of carbon paste electrodes for determination of dobutamine using MnZnFe2O4 nanoparticles and ionic liquid. <b>2017</b> , 78, 51-55		21
105	Conductivity properties of hollow ZnFe2O4 nanofibers doped polyaniline nanocomposites. <b>2017</b> , 28, 7368-7375		15
104	Fluorescence sensor based on d -penicillamine capped cadmium sulfide quantum dots for the detection of cysteamine. <b>2017</b> , 187, 260-268		11
103	MoS/reduced graphene oxide nanocomposite for sensitive sensing of cysteamine in presence of uric acid in human plasma. <b>2017</b> , 73, 627-632		19
102	Simultaneous Detection of Nalbuphine and Diclofenac as Important Analgesic Drugs in Biological and Pharmaceutical Samples Using a Pt:Co Nanostructure-Based Electrochemical Sensor. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, B60-B65	3.9	31
101	Nanostructured Sensor for Simultaneous Determination of Trace Amounts of Bisphenol A and Vitamin B6 in Food Samples. <b>2017</b> , 10, 1507-1514		6
100	Amplified nanostructure electrochemical sensor for simultaneous determination of captopril, acetaminophen, tyrosine and hydrochlorothiazide. <b>2017</b> , 73, 472-477		63
99	Voltammetric analysis of mycophenolate mofetil in pharmaceutical samples via electrochemical nanostructure based sensor modified with ionic liquid and MgO/SWCNTs. <b>2017</b> , 80, 989-996		33
98	Electrochemical nanostructure platform for the analysis of glutathione in the presence of uric acid and tryptophan. <i>Analytical Methods</i> , <b>2017</b> , 9, 6228-6234	3.2	15
97	A modularized and flexible sensor based on MWCNT/PDMS composite film for on-site electrochemical analysis. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 806, 68-74	4.1	10

96	Pretreated Graphite Pencil Electrode Based Voltammetric Sensing of Albendazole. 2017, 7, 389-401		4
95	CoFe 2 O 4 nanoparticle/ionic liquid modified carbon paste electrode as an amplified sensor for epirubicin analysis as an anticancer drug. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 242, 685-689	6	31
94	An electrochemical strategy to determine thiosulfate, 4-chlorophenol and nitrite as three important pollutants in water samples via a nanostructure modified sensor. <b>2017</b> , 507, 11-17		32
93	Synthesis of CdO nanoparticles using direct chemical precipitation method: Fabrication of novel voltammetric sensor for square wave voltammetry determination of chlorpromazine in pharmaceutical samples. <b>2017</b> , 47, 347-353		30
92	A Facile Synthesis of Cd(OH)2-rGO Nanocomposites for the Practical Electrochemical Detection of Acetaminophen. <i>Electroanalysis</i> , <b>2017</b> , 29, 280-286	3	7
91	An Electrochemical Sensor Based on Ni(II) Complex and Multi Wall Carbon Nano Tubes Platform for Determination of Glucose in Real Samples. <i>Electroanalysis</i> , <b>2017</b> , 29, 423-432	3	19
90	High electrocatalytic oxidation of folic acid at carbon paste electrode bulk modified with iron nanoparticle-decorated multiwalled carbon nanotubes and its application in food and pharmaceutical analysis. <b>2017</b> , 23, 201-212		10
89	Electrochemical sandwich-type biosensors for 🗄 antitrypsin with carbon nanotubes and alkaline phosphatase labeled antibody-silver nanoparticles. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 959-963	11.8	36
88	Development of carbon paste electrode modified with cadmium ion-imprinted polymer for selective voltammetric determination of Cd2+. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2017</b> , 97, 1378-1392	1.8	9
87	NiO nanoparticle decorated on single-wall carbon nanotubes and 1-butyl-4-methylpyridinium tetrafluoroborate for sensitive raloxifene sensor. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 254, 255-259	6	30
86	MnO2-TiO2 Nanocomposite and 2-(3,4-Dihydroxyphenethyl) Isoindoline-1,3-Dione as an Electrochemical Platform for the Concurrent Determination of Cysteine, Tryptophan and Uric Acid. <i>Electroanalysis</i> , <b>2018</b> , 30, 1767-1773	3	19
85	3D SWCNTs-coumarin hybrid material for ultra-sensitive determination of quercetin antioxidant capacity. <b>2018</b> , 267, 165-173		26
84	An amplified platform nanostructure sensor for the analysis of epirubicin in the presence of topotecan as two important chemotherapy drugs for breast cancer therapy. <b>2018</b> , 42, 3828-3832		55
83	A disposable immunosensor using ITO based electrode modified by a star-shaped polymer for analysis of tumor suppressor protein p53 in human serum. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 107, 1-9	11.8	48
82	Simultaneous determination of doxorubicin and dasatinib as two breast anticancer drugs uses an amplified sensor with ionic liquid and ZnO nanoparticle. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 811, 84-88	4.1	180
81	Adsorptive stripping voltammetric determination of dicyclomine hydrochloride at a glassy carbon electrode modified with silver decorated Fe3O4 nanocubes in pharmaceutical and biological samples. <i>Analytical Methods</i> , <b>2018</b> , 10, 1441-1451	3.2	7
80	Electrochemical determination of hydrogen peroxide on a gold nanoparticlellitrogen-doped graphene glassy carbon electrode. <b>2018</b> , 46, 555-566		2
79	Square wave voltammetric determination of hydrazine and 4-chlorophenol as two important water pollutants using nanostructure-amplified sensor. <b>2018</b> , 44, 5389-5401		17

78	Development of a new two-enzyme biosensor based on poly(pyrrole-co-3,4-ethylenedioxythiophene) for lactose determination in milk. <b>2018</b> , 58, 839-848	11
77	An Electrochemical Sensor for Analysis of Food Red 17 in the Presence of Tartrazine in Food Products Amplified with CdO/rGO Nanocomposite and 1,3-Dipropylimidazolium Bromide. <b>2018</b> , 11, 646-653	10
76	Simultaneous analysis of phenylhydrazine, phenol, and hydroxylamine as three water pollutants using a voltammetric-amplified sensor with CoFe2O4 nanoparticle and 1-methyl-3-butylimidazolium bromide ionic liquid. <b>2018</b> , 24, 1497-1503	5
75	One-pot synthesis of Ni(OH)2 flakes embeded in highly-conductive carbon nanotube/graphene hybrid framework as high performance electrodes for supercapacitors. <b>2018</b> , 213, 131-134	13
74	One-pot electrochemical synthesis and assessment of super-capacitive and super-paramagnetic performances of Co2+ doped Fe3O4 ultra-fine particles. <b>2018</b> , 29, 2291-2300	20
73	Fabrication of a Food Nano-Platform Sensor for Determination of Vanillin in Food Samples. <b>2018</b> , 18,	21
72	Gold nanoparticles and reduced graphene oxide-amplified label-free DNA biosensor for dasatinib detection. <b>2018</b> , 42, 16378-16383	31
71	Fabrication of high performance disposable screen printed electrochemical sensor for ciprofloxacin sensing in biological samples. <b>2018</b> , 127, 175-186	35
70	Immunosensing of breast cancer prognostic marker in adenocarcinoma cell lysates and unprocessed human plasma samples using gold nanostructure coated on organic substrate. <b>2018</b> , 118, 1082-1089	45
69	Simultaneous electrochemical determination of levodopa and piroxicam using a glassy carbon electrode modified with a ZnO-Pd/CNT nanocomposite <i>RSC Advances</i> , <b>2018</b> , 8, 26707-26712	39
68	Microwave-assisted synthesis of Bi2WO6 flowers decorated graphene nanoribbon composite for electrocatalytic sensing of hazardous dihydroxybenzene isomers. <i>Composites Part B: Engineering</i> , 2018, 152, 220-230	55
67	Sensing and Monitoring. <b>2018</b> , 171-186	O
66	Carbon Nanotubes for Clean Water. 2018,	3
65	NiO nanoparticles modified carbon paste electrode as a novel sulfasalazine sensor. <b>2018</b> , 1031, 47-59	76
64	Sensitive and Profitable Electrochemical Detection of Uric Acid in the Presence of Dopamine with a Novel Carbon Paste Electrode Decorated with a Copper(II) Complex. <i>Electroanalysis</i> , <b>2019</b> , 31, 2429-243 $\hat{\theta}$	1
63	(Lr,Ls) Resolvent estimate for the sphere off the line 1 r $1 \text{ s} = 2 \text{ n}$ . <b>2019</b> , 09, 1950003	
62	Simultaneous voltammetric determination of glutathione, doxorubicin and tyrosine based on the electrocatalytic effect of a nickel(II) complex and of Pt:Co nanoparticles as a conductive mediator. <b>2019</b> , 186, 493	13
61	A new insight of structures, bonding and electronic properties for 6-mercaptopurine and Ag clusters configurations: a theoretical perspective. <b>2019</b> , 13, 55	1

## (2020-2019)

60	Facile synthesis and supercapacitance performance of nickel oxide decorated carbon nanotube arrays on graphene-protected copper. <b>2019</b> , 6, 115630		1
59	The gold nanoparticle sensitized pRGO-MWCNTs grid modified carbon fiber microelectrode as an efficient sensor system for simultaneous detection of three dihydroxybenzoic acid isomers. <b>2019</b> , 322, 134765		4
58	A novel electrochemical epinine sensor using amplified CuO nanoparticles and a n-hexyl-3-methylimidazolium hexafluorophosphate electrode. <b>2019</b> , 43, 2362-2367		169
57	Voltammetric amplified platform based on ionic liquid/NiO nanocomposite for determination of benserazide and levodopa. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 278, 672-676	6	157
56	Development of a potentiometric maprotiline-selective electrode and its application in pharmaceuteal samples. <i>Microchemical Journal</i> , <b>2019</b> , 148, 57-65	4.8	1
55	The Effect of Electron Flow on Coercivity and Remanence of FePt Nanocomposites Under Heat Treatment. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2019</b> , 32, 3339-3343	1.5	1
54	Graphene Quantum Dots in Electrochemical Sensors/Biosensors. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 103-123	1.7	57
53	"Off-on" signal amplification strategy amperometric immunosensor for ultrasensitive detection of tumour marker. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 132, 265-270	11.8	32
52	Fabrication of an Electroanalytical Sensor for Determination of Deoxyepinephrine in the Presence of Uric Acid Using CuFe2O4[Nanoparticle/Ionic Liquid Amplified Sensor. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, H218-H223	3.9	25
51	Electrochemical determination of paracetamol, rutin and sulfonamide in pharmaceutical formulations by using glassy carbon electrode [A Review. <i>Cogent Chemistry</i> , <b>2019</b> , 5, 1681607	2.5	9
50	Voltammetric determination of thiomersal with a new modified electrode based on a carbon paste electrode decorated with La2O3. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 833, 536-542	4.1	10
49	Electrochemical immunosensor for CDH22 biomarker based on benzaldehyde substituted poly(phosphazene) modified disposable ITO electrode: A new fabrication strategy for biosensors. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 126, 230-239	11.8	32
48	Carbon Paste Composite with Co3O4 as a New Electrochemical Sensor for the Detection of Allura Red by Reduction. <i>Electroanalysis</i> , <b>2019</b> , 31, 695-703	3	12
47	Ultrasonic energy-assisted preparation of Eyclodextrin-carbon nanofiber composite: Application for electrochemical sensing of nitrofurantoin. <i>Ultrasonics Sonochemistry</i> , <b>2019</b> , 52, 391-400	8.9	27
46	Poly(ionic liquids)/reduced graphene oxide miniemulsion polymers as effective support for immobilization of Ag nanoparticles and its amperometric sensing of l-cysteine. <i>Journal of the Iranian Chemical Society</i> , <b>2019</b> , 16, 201-207	2	4
45	Sonochemical synthesis of graphene oxide sheets supported Cu2S nanodots for high sensitive electrochemical determination of caffeic acid in red wine and soft drinks. <i>Composites Part B: Engineering</i> , <b>2019</b> , 158, 419-427	10	35
44	Investigation on electro-catalytic oxidation properties of carbon nanotubelle-modified PbO2 electrode and its application for degradation of m-nitrophenol. <i>Arabian Journal of Chemistry</i> , <b>2019</b> , 12, 709-717	5.9	12
43	Electrochemical oxidation of vanillic acid by electro-Fenton process: Toward a novel route of protocatechuic acid electrosynthesis. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 357-365	5.9	4

42	Paper-based colorimetric probe for highly sensitive detection of folic acid based on open-ring form amplification of rhodamine B derivative. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2020</b> , 81, 352-3	593	10
41	Catalytic effect of silver particles supported on chitosan surface for the electrochemical sensing paranitroaniline at graphite electrode. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2020</b> , 100, 1309-1324	1.8	1
40	Sensitive Determination of Folic Acid using a Solid Bismuth Microelectrode by Adsorptive Stripping Voltammetry. <i>Electroanalysis</i> , <b>2020</b> , 32, 496-502	3	6
39	Hydrogel Matrix-Grafted Impedimetric Aptasensors for the Detection of Diclofenac. <i>Langmuir</i> , <b>2020</b> , 36, 827-836	4	13
38	Electrochemical Sensors, a Bright Future in the Fabrication of Portable Kits in Analytical Systems. <i>Chemical Record</i> , <b>2020</b> , 20, 682-692	6.6	211
37	A simple assay for direct visual and colorimetric sensing application of cysteamine using Au@Ag core-shell nanoparticles. <i>Optical Materials</i> , <b>2020</b> , 109, 110237	3.3	4
36	A new nickel-based co-crystal complex electrocatalyst amplified by NiO dope Pt nanostructure hybrid; a highly sensitive approach for determination of cysteamine in the presence of serotonin. <i>Scientific Reports</i> , <b>2020</b> , 10, 11699	4.9	178
35	Graphene oxide/NiO nanoparticle composite-ionic liquid modified carbon paste electrode for selective sensing of 4-chlorophenol in the presence of nitrite. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 114687	7 <sup>6</sup>	4
34	Recent Research in Ocular Cystinosis: Drug Delivery Systems, Cysteamine Detection Methods and Future Perspectives. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	1
33	Highly selective electrochemical detection of ciprofloxacin using reduced graphene oxide/poly(phenol red) modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 871, 114254	4.1	16
32	Electrochemical Behavior and Detection of Diclofenac at a Microporous Si3N4 Membrane Modified Water (1,6-dichlorohexane Interface System. <i>Chemosensors</i> , <b>2020</b> , 8, 11	4	2
31	Challenges for cysteamine stabilization, quantification, and biological effects improvement. <i>Journal of Pharmaceutical Analysis</i> , <b>2020</b> , 10, 499-516	14	19
30	Designing and fabrication of electrochemical nanosensor employing fullerene-C60 and bimetallic nanoparticles composite film for the detection of vitamin D3 in blood samples. <i>Diamond and Related Materials</i> , <b>2020</b> , 104, 107761	3.5	24
29	Amplified Electrochemical Sensor Employing Fe3O4@SiO2/graphene Nanocomposite for Selective Determination of Folic Acid. <i>Journal of Analytical Chemistry</i> , <b>2020</b> , 75, 95-100	1.1	2
28	Fabrication of magnetic iron oxide-supported copper oxide nanoparticles (FeO/CuO): modified screen-printed electrode for electrochemical studies and detection of desipramine <i>RSC Advances</i> , <b>2020</b> , 10, 15171-15178	3.7	14
27	A sensitive "off-on" carbon dots-Ag nanoparticles fluorescent probe for cysteamine detection via the inner filter effect. <i>Talanta</i> , <b>2021</b> , 221, 121463	6.2	19
26	ZnO@MnO2 nanocomposite modified carbon paste electrode for electrochemical detection of dopamine. <i>Sensors International</i> , <b>2021</b> , 2, 100087	6.1	1
25	Electro-catalytic amplified sensor for determination of N-acetylcysteine in the presence of theophylline confirmed by experimental coupled theoretical investigation. <i>Scientific Reports</i> , <b>2021</b> , 11, 1006	4.9	2

24	Facile In-Situ Synthesis of Biopolymer Capped Nano Sized Silver Particles: Smartphone Aided Paper-Based Selective Detection of CYS and TC Drugs in Biological and Drug Samples. <i>Journal of Cluster Science</i> , 1	3	4
23	Impact of a novel biosynthesized nanocomposite (SiO2@Montmorilant@Xanthan) on wettability shift and interfacial tension: Applications for enhanced oil recovery. <i>Fuel</i> , <b>2021</b> , 298, 120773	7.1	32
22	Input of Electroanalytical Methods for the Determination of Diclofenac: A Review of Recent Trends and Developments. <i>ChemElectroChem</i> ,	4.3	О
21	Electrochemical determination of cysteamine in the presence of guanine and adenine using a carbon paste electrode modified with N-(4-hydroxyphenyl)-3,5-dinitrobenzamide and magnesium oxide nanoparticles. <i>Analytical Methods</i> , <b>2016</b> , 8, 5604-5610	3.2	19
20	Simultaneous Determination of Epinephrine and Tyrosine Using a Glassy Carbon Electrode Amplified with ZnO-Pt/CNTs Nanocomposite. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 166-171	1.7	12
19	Application of Advanced Electrochemical Methods with Nanomaterial-based Electrodes as Powerful Tools for Trace Analysis of Drugs and Toxic Compounds. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 143-151	1.7	5
18	Development of Novel Nanocomposites Based on Graphene/Graphene Oxide and Electrochemical Sensor Applications. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 159-165	1.7	12
17	A New Nanostructure Square Wave Voltammetric Platform for Determination of Tert-butylhydroxyanisole in Food Samples. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 172-176	1.7	5
16	Electrochemical Determination of Mycophenolate Mofetil in Drug Samples Using Carbon Paste Electrode Modified with 1-methyl-3-butylimidazolium Bromide and NiO/SWCNTs Nanocomposite. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 177-182	1.7	5
15	Electroanalysis of Catecholamine Drugs using Graphene Modified Electrodes. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 443-466	1.7	4
14	Graphenoxide Cross-Linker Based Potentiometric Biosensor Design For Sarcosine Determination. <i>Protein and Peptide Letters</i> , <b>2021</b> ,	1.9	
13	Voltammetric Sensors Based on Various Nanomaterials for the Determination of Sulfonamides. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 124-130	1.7	2
12	Glucose nano biosensor with non-enzymatic excellent sensitivity prepared with nickel-cobalt nanocomposites on f-MWCNT. <i>Chemosphere</i> , <b>2021</b> , 291, 132720	8.4	4
11	Recent Advantages on Mediator Based Chemically Modified Electrodes; Powerful Approach in Electroanalytical Chemistry. <i>Current Analytical Chemistry</i> , <b>2020</b> , 17,	1.7	2
10	Magnetic Nanoparticles; Synthesis, Properties and Electrochemical Application: A Review. <i>Current Biochemical Engineering</i> , <b>2020</b> , 6, 91-102	2	6
9	Voltammmetric Determination of Captopril Using Multiwall Carbon Nanotubes Paste Electrode in the Presence of Isoproterenol as a Mediator. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2016</b> , 15, 107-	1 <del>7</del> .1	6
8	Voltammetric Determination of Penicillamine Using a Carbon Paste Electrode Modified with Multiwall Carbon Nanotubes In the Presence of Methyldopa as a Mediator. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2017</b> , 16, 1019-1029	1.1	6
7	A Review on Electrochemical Sensing of Cancer Biomarkers Based on Nanomaterial - Modified Systems. <i>Current Analytical Chemistry</i> , <b>2022</b> , 18, 63-78	1.7	1

6	Highly sensitive voltammetric determination of NADH based on N-CQDs decorated SnO/ionic liquid/carbon paste electrode <i>Nanotechnology</i> , <b>2021</b> ,	3.4	1	
5	A caffeic acid electrochemical sensor amplified with GNR/CoFe2O4@NiO and 1-Ethyl-3-methylimidazolium acetate; a new perspective for food analysis. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 113312	4.7	O	
4	Development of electroactive materials-based immunosensor towards early-stage cancer detection. <b>2022</b> , 471, 214723		1	
3	A new peroxyoxalate chemiluminescence of bis (2, 4-dinitrophenyl) oxalate (DNPO) using pyronin Y as the fluorophore and its application to the flow-based determination of cysteamine. <b>2023</b> , 122367		1	
2	Enhancement of voltammetric properties of silver nanoparticles doped ZnO nanorods for glucose biosensing. <b>2023</b> , 34,		O	
1	Mechanism of time-dependent toxicity of quinolone antibiotics on luminescent bacteria Vibrio qinghaiensis spQ67. <b>2023</b> , 255, 114784		О	