

Mohammad Bagher Gholivand

List of Publications by Year in descending order

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219
papers

5,639
citations

76294

40
h-index

155592

55
g-index

221
all docs

221
docs citations

221
times ranked

5821
citing authors

#	ARTICLE	IF	CITATIONS
1	Amperometric cholesterol biosensor based on the direct electrochemistry of cholesterol oxidase and catalase on a graphene/ionic liquid-modified glassy carbon electrode. <i>Biosensors and Bioelectronics</i> , 2014, 53, 472-478.	5.3	120
2	DNA interaction with Al ³⁺ -N,N'-bis(salicylidene)2,2'-phenyldiamine complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 472-478.	2.0	106
3	Computer aided-molecular design and synthesis of a high selective molecularly imprinted polymer for solid-phase extraction of furosemide from human plasma. <i>Analytica Chimica Acta</i> , 2010, 658, 225-232.	2.6	98
4	Adsorptive removal of alizarin red-S and alizarin yellow GG from aqueous solutions using polypyrrole-coated magnetic nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 529-540.	3.3	86
5	Chemical composition and antioxidant activities of the essential oil and methanol extracts of <i>Psammogeton canescens</i> . <i>Food and Chemical Toxicology</i> , 2010, 48, 24-28.	1.8	83
6	Nanostructured CuO/PANI composite as supercapacitor electrode material. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 157-161.	1.9	79
7	A novel high selective and sensitive metronidazole voltammetric sensor based on a molecularly imprinted polymer-carbon paste electrode. <i>Talanta</i> , 2011, 84, 905-912.	2.9	78
8	Determination of Hg ²⁺ and Cu ²⁺ ions by dual-emissive Ag/Au nanocluster/carbon dots nanohybrids: Switching the selectivity by pH adjustment. <i>Journal of Hazardous Materials</i> , 2019, 367, 437-446.	6.5	70
9	Highly selective and sensitive copper membrane electrode based on a new synthesized Schiff base. <i>Talanta</i> , 2007, 73, 553-560.	2.9	68
10	Polypyrrole/hexagonally ordered silica nanocomposite as a novel fiber coating for solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2011, 704, 174-179.	2.6	66
11	Application of a Cu ²⁺ -chitosan/multiwalled carbon nanotube film-modified electrode for the sensitive determination of rutin. <i>Analytical Biochemistry</i> , 2016, 493, 35-43.	1.1	66
12	Chromium(III) ion selective electrode based on glyoxal bis(2-hydroxyanil). <i>Talanta</i> , 2003, 60, 707-713.	2.9	64
13	A novel hydrazine electrochemical sensor based on a zirconium hexacyanoferrate film-bimetallic Au ²⁺ -Pt inorganic-organic hybrid nanocomposite onto glassy carbon-modified electrode. <i>Electrochimica Acta</i> , 2011, 56, 10044-10054.	2.6	63
14	Development of a selective and sensitive voltammetric sensor for propylparaben based on a nanosized molecularly imprinted polymer-carbon paste electrode. <i>Materials Science and Engineering C</i> , 2014, 36, 102-107.	3.8	61
15	Interaction of Diazinon with DNA and the Protective Role of Selenium in DNA Damage. <i>DNA and Cell Biology</i> , 2008, 27, 325-332.	0.9	60
16	Fabrication of an electrochemical sensor based on computationally designed molecularly imprinted polymers for determination of cyanazine in food samples. <i>Analytica Chimica Acta</i> , 2012, 713, 36-44.	2.6	59
17	Chemometrics: An important tool for monitoring interactions of vitamin B7 with bovine serum albumin with the aim of developing an efficient biosensing system for the analysis of protein. <i>Talanta</i> , 2015, 132, 354-365.	2.9	59
18	Cobalt oxide nanoparticles as a novel high-efficiency fiber coating for solid phase microextraction of benzene, toluene, ethylbenzene and xylene from aqueous solutions. <i>Analytica Chimica Acta</i> , 2014, 822, 30-36.	2.6	58

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19	Fabrication of a highly selective and sensitive voltammetric ganciclovir sensor based on electropolymerized molecularly imprinted polymer and gold nanoparticles on multiwall carbon nanotubes/glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 471-479.	4.0	57
20	Construction of a sensitive and selective sensor for morphine using chitosan coated Fe ₃ O ₄ magnetic nanoparticle as a modifier. <i>Materials Science and Engineering C</i> , 2016, 58, 53-59.	3.8	56
21	Development of a novel hollow fiber- pencil graphite modified electrochemical sensor for the ultra-trace analysis of glyphosate. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 415-424.	4.0	56
22	Fabrication of an electrochemical sensor based on computationally designed molecularly imprinted polymer for the determination of mesalamine in real samples. <i>Materials Science and Engineering C</i> , 2015, 55, 209-217.	3.8	54
23	Electrooxidation behavior of warfarin in Fe ₃ O ₄ nanoparticles modified carbon paste electrode and its determination in real samples. <i>Materials Science and Engineering C</i> , 2015, 48, 235-242.	3.8	54
24	Determination of Essential Oil Components of Star Anise (<i>Illicium verum</i>) Using Simultaneous Hydrodistillation-Static Headspace Liquid-Phase Microextraction-Gas Chromatography Mass Spectrometry. <i>Analytical Letters</i> , 2009, 42, 1382-1397.	1.0	53
25	Lead(II) and cadmium(II) removal from aqueous solution using processed walnut shell: kinetic and equilibrium study. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 660-671.	0.6	51
26	Simultaneous detection of dopamine and acetaminophen by modified gold electrode with polypyrrole/azophloxine film. <i>Journal of Electroanalytical Chemistry</i> , 2012, 676, 53-59.	1.9	51
27	A Novel Al(III)-Selective Electrochemical Sensor Based on N,N-Bis(salicylidene)-1,2-phenylenediamine Complexes. <i>Electroanalysis</i> , 2006, 18, 1620-1626.	1.5	50
28	Multivariate analysis for resolving interactions of carbidopa with dsDNA at a fullerene-C60/GCE. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 369-381.	3.6	50
29	DNA-binding study of anthraquinone derivatives using Chemometrics methods. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2630-2638.	2.6	49
30	Silver ion imprinted polymer nanobeads based on a aza-thioether crown containing a 1,10-phenanthroline subunit for solid phase extraction and for voltammetric and potentiometric silver sensors. <i>Analytica Chimica Acta</i> , 2014, 852, 223-235.	2.6	49
31	An all-solid-state asymmetric device based on a polyaniline hydrogel for a high energy flexible supercapacitor. <i>New Journal of Chemistry</i> , 2017, 41, 237-244.	1.4	49
32	Computational design and synthesis of a high selective molecularly imprinted polymer for voltammetric sensing of propazine in food samples. <i>Talanta</i> , 2012, 89, 513-520.	2.9	47
33	Computer-assisted electrochemical fabrication of a highly selective and sensitive amperometric nitrite sensor based on surface decoration of electrochemically reduced graphene oxide nanosheets with CoNi bimetallic alloy nanoparticles. <i>Materials Science and Engineering C</i> , 2014, 40, 109-120.	3.8	47
34	Combination of electrochemistry with chemometrics to introduce an efficient analytical method for simultaneous quantification of five opium alkaloids in complex matrices. <i>Talanta</i> , 2015, 131, 26-37.	2.9	47
35	Characterization of an optical copper sensor based on N,N-bis(salicylidene)-1,2-phenylenediamine. <i>Analytica Chimica Acta</i> , 2005, 538, 225-231.	2.6	46
36	Investigation of interaction of nuclear fast red with human serum albumin by experimental and computational approaches. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 115, 516-527.	2.0	46

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37	Chemometrics-assisted simultaneous voltammetric determination of ascorbic acid, uric acid, dopamine and nitrite: Application of non-bilinear voltammetric data for exploiting first-order advantage. <i>Talanta</i> , 2014, 119, 553-563.	2.9	44
38	Anodized aluminum wire as a solid-phase microextraction fiber for rapid determination of volatile constituents in medicinal plant. <i>Analytica Chimica Acta</i> , 2011, 701, 1-5.	2.6	43
39	Computational design and development of a novel voltammetric sensor for minoxidil detection based on electropolymerized molecularly imprinted polymer. <i>Journal of Electroanalytical Chemistry</i> , 2015, 740, 45-52.	1.9	43
40	Multidimensional voltammetry: Four-way multivariate calibration with third-order differential pulse voltammetric data for multi-analyte quantification in the presence of uncalibrated interferences. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 148, 60-71.	1.8	43
41	Cyclic voltammetry deposition of copper nanostructure on MWCNTs modified pencil graphite electrode: An ultra-sensitive hydrazine sensor. <i>Materials Science and Engineering C</i> , 2016, 66, 16-24.	3.8	43
42	Synthesis, characterization and application of a novel ion-imprinted polymer based voltammetric sensor for selective extraction and trace determination of cobalt (II) ions. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 283-291.	4.0	42
43	Cefixime detection by a novel electrochemical sensor based on glassy carbon electrode modified with surface imprinted polymer/multiwall carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , 2016, 771, 64-72.	1.9	41
44	A novel voltammetric sensor for nevirapine, based on modified graphite electrode by MWCNTs/poly(methylene blue)/gold nanoparticle. <i>Analytical Biochemistry</i> , 2017, 527, 4-12.	1.1	41
45	A glassy carbon electrode modified with carbon quantum dots and polyalizarin yellow R dyes for enhanced electrocatalytic oxidation and nanomolar detection of l-cysteine. <i>Microchemical Journal</i> , 2017, 131, 9-14.	2.3	41
46	Determination of Sn(II) and Sn(IV) after mixed micelle-mediated cloud point extraction using β -polyoxometalate as a complexing agent by flame atomic absorption spectrometry. <i>Talanta</i> , 2008, 76, 503-508.	2.9	40
47	A nano-structured Ni(II)-ACDA modified gold nanoparticle self-assembled electrode for electrocatalytic oxidation and determination of tryptophan. <i>Electrochimica Acta</i> , 2011, 56, 4022-4030.	2.6	40
48	An electrochemical sensor for warfarin determination based on covalent immobilization of quantum dots onto carboxylated multiwalled carbon nanotubes and chitosan composite film modified electrode. <i>Materials Science and Engineering C</i> , 2015, 57, 77-87.	3.8	40
49	Spectroscopic study of the complexation of benzo-15-crown-5 and dibenzo-30-crown-10 with sodium and potassium ions in binary acetonitrile-water mixture. <i>Inorganica Chimica Acta</i> , 1986, 121, 53-56.	1.2	39
50	Electrocatalytic determination of traces of insulin using a novel silica nanoparticles-Nafion modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 714-715, 70-75.	1.9	39
51	The fabrication of a new electrochemical sensor based on electropolymerization of nanocomposite gold nanoparticle-molecularly imprinted polymer for determination of valganciclovir. <i>Materials Science and Engineering C</i> , 2016, 59, 594-603.	3.8	38
52	Copper(II)-selective electrode using 2,2'-dithiodianiline as neutral carrier. <i>Talanta</i> , 2001, 54, 597-602.	2.9	37
53	PVC-based bis(2-nitrophenyl)disulfide sensor for zinc ions. <i>Talanta</i> , 2003, 59, 399-407.	2.9	37
54	Cathodic adsorptive stripping voltammetric determination of uranium (VI) complexed with 2,6-pyridinedicarboxylic acid. <i>Talanta</i> , 2005, 65, 62-66.	2.9	37

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55	Construction of a new electrochemical sensor based on molecular imprinting recognition sites on multiwall carbon nanotube surface for analysis of ceftazidime in real samples. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 759-767.	4.0	37
56	Non-enzymatic glucose sensor based on a g-C ₃ N ₄ /NiO/CuO nanocomposite. <i>Analytical Biochemistry</i> , 2021, 616, 114062.	1.1	37
57	Ti ₂ VCe Heuslerene: theoretical prediction of a novel 2D material. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13559-13572.	2.7	36
58	Synthesis of a New Octadentates Schiff's Base and Its Application in Construction of a Highly Selective and Sensitive Lanthanum (III) Membrane Sensor. <i>Sensor Letters</i> , 2006, 4, 356-363.	0.4	36
59	Kinetic-spectrophotometry method for determination of ultra trace amounts of aluminum in food samples. <i>Food Chemistry</i> , 2009, 116, 1019-1023.	4.2	35
60	Boehmite nanoparticle modified carbon paste electrode for determination of piroxicam. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 378-386.	4.0	35
61	Label-free electrochemical immunosensor for sensitive HER2 biomarker detection using the core-shell magnetic metal-organic frameworks. <i>Journal of Electroanalytical Chemistry</i> , 2020, 877, 114722.	1.9	35
62	Generation of non-multilinear three-way voltammetric arrays by an electrochemically oxidized glassy carbon electrode as an efficient electronic device to achieving second-order advantage: Challenges, and tailored applications. <i>Talanta</i> , 2015, 134, 607-618.	2.9	34
63	Simultaneous Voltammetric Determination of Captopril and Hydrochlorothiazide on a Graphene/Ferrocene Composite Carbon Paste Electrode. <i>Electroanalysis</i> , 2013, 25, 1263-1270.	1.5	33
64	A novel voltammetric sensor based on graphene quantum dots-thionine/nano-porous glassy carbon electrode for detection of cisplatin as an anti-cancer drug. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126975.	4.0	33
65	A kinetic method for the determination of thiourea by its catalytic effect in micellar media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 327-331.	2.0	32
66	Rationally designed molecularly imprinted polymers for selective extraction of methocarbamol from human plasma. <i>Talanta</i> , 2011, 85, 1680-1688.	2.9	32
67	Application of adsorptive stripping voltammetry to the simultaneous determination of bismuth and copper in the presence of nuclear fast red. <i>Analytica Chimica Acta</i> , 2006, 571, 99-104.	2.6	31
68	Solid Phase Extraction and Determination of Ultra Trace Amounts of Copper using Activated Carbon Modified by N,N'-Bis(Salicylidene)-1,2-Phenylenediamine. <i>Separation Science and Technology</i> , 2007, 42, 897-910.	1.3	31
69	Anodic Stripping Voltammetric Determination of Iron(II) at a Carbon Paste Electrode Modified with Dithiodianiline (DTDA) and Gold Nanoparticles (GNP). <i>Electroanalysis</i> , 2011, 23, 1345-1351.	1.5	31
70	Amperometric sensor based on a graphene/copper hexacyanoferrate nano-composite for highly sensitive electrocatalytic determination of captopril. <i>Materials Science and Engineering C</i> , 2013, 33, 774-781.	3.8	31
71	Advanced and tailored applications of an efficient electrochemical approach assisted by AsLSSRâ€“COWâ€“rPLS and finding ways to cope with challenges arising from the nature of voltammetric data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 146, 437-446.	1.8	31
72	Determination of ganciclovir as an antiviral drug and its interaction with DNA at Fe ₃ O ₄ /carboxylated multi-walled carbon nanotubes modified glassy carbon electrode. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 77, 269-277.	2.5	31

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73	Surface exploration of a room-temperature ionic liquid-chitin composite film decorated with electrochemically deposited PdFeNi trimetallic alloy nanoparticles by pattern recognition: An elegant approach to developing a novel biotin biosensor. <i>Talanta</i> , 2015, 131, 249-258.	2.9	30
74	Spectrophotometric and conductometric study of complexation of salophen and some transition metal ions in nonaqueous polar solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 1073-1078.	2.0	29
75	A novel high-performance supercapacitor based on high-quality CeO ₂ /nitrogen-doped reduced graphene oxide nanocomposite. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	29
76	Development of piroxicam sensor based on molecular imprinted polymer-modified carbon paste electrode. <i>Materials Science and Engineering C</i> , 2011, 31, 1844-1851.	3.8	28
77	Inside needle capillary adsorption trap device for headspace solid-phase dynamic extraction based on polyaniline/hexagonally ordered silica nanocomposite. <i>Journal of Separation Science</i> , 2012, 35, 695-701.	1.3	28
78	Analysis of volatile oil composition of <i>Citrus aurantium</i> by microwave-assisted extraction coupled to headspace solid-phase microextraction with nanoporous based fibers. <i>Journal of Separation Science</i> , 2013, 36, 872-877.	1.3	28
79	Highly sensitive voltammetric sensor based on immobilization of bisphosphoramidate-derivative and quantum dots onto multi-walled carbon nanotubes modified gold electrode for the electrocatalytic determination of olanzapine. <i>Materials Science and Engineering C</i> , 2016, 60, 67-77.	3.8	28
80	Determination of lamotrigine by using molecularly imprinted polymer-carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2013, 692, 9-16.	1.9	27
81	Polyaniline/reduced graphene oxide-cobalt sulfide ternary composite for high-performance supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3607-3615.	1.1	27
82	Intellectual modifying a bare glassy carbon electrode to fabricate a novel and ultrasensitive electrochemical biosensor: Application to determination of acrylamide in food samples. <i>Talanta</i> , 2018, 176, 509-517.	2.9	27
83	Selective and efficient uphill transport of Cu(II) through bulk liquid membrane using N-ethyl-2-aminocyclopentene-1-dithiocarboxylic acid as carrier. <i>Journal of Membrane Science</i> , 2000, 180, 115-120.	4.1	25
84	Optical sensor based on 1,3-di(2-methoxyphenyl)triazene for monitoring trace amounts of mercury(II) in water samples. <i>Materials Science and Engineering C</i> , 2010, 30, 847-852.	3.8	25
85	Enhancement effect of sodium-dodecyl sulfate on the anodic stripping voltammetric signal of phenylephrine hydrochloride at carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2013, 704, 50-56.	1.9	25
86	Fabrication of a novel naltrexone biosensor based on a computationally engineered nanobiocomposite. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 596-605.	3.6	25
87	Synthesis of Fe-Cu/TiO ₂ nanostructure and its use in construction of a sensitive and selective sensor for metformin determination. <i>Materials Science and Engineering C</i> , 2014, 42, 791-798.	3.8	25
88	Spectrophotometric study of the complexation reactions between alkaline earth cations and murexide in some non-aqueous solutions. <i>Polyhedron</i> , 1988, 7, 1227-1230.	1.0	24
89	Determination of Copper by Adsorptive Stripping Voltammetry in the Presence of Calcein Blue. <i>Electroanalysis</i> , 2007, 19, 1609-1615.	1.5	24
90	Zirconium ion selective electrode based on bis(diphenylphosphino) ferrocene incorporated in a poly(vinyl chloride) matrix. <i>Analytica Chimica Acta</i> , 2007, 584, 302-307.	2.6	24

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91	A cyclic voltammetry investigation of the complex formation between Cu ²⁺ and some Schiff bases in binary acetonitrile/dimethylformamide mixtures. <i>Journal of Molecular Structure</i> , 2008, 885, 76-81.	1.8	24
92	A chemometrics approach for simultaneous determination of cyanazine and propazine based on a carbon paste electrode modified by a molecularly imprinted polymer. <i>Analyst</i> , The, 2012, 137, 1190.	1.7	24
93	DNA-binding, DNA cleavage and cytotoxicity studies of two anthraquinone derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 87, 232-240.	2.0	24
94	Highly porous silica-polyaniline nanocomposite as a novel solid-phase microextraction fiber coating. <i>Journal of Separation Science</i> , 2012, 35, 101-106.	1.3	24
95	Differential pulse voltammetric determination of metformin using copper-loaded activated charcoal modified electrode. <i>Analytical Biochemistry</i> , 2013, 438, 53-60.	1.1	24
96	Nonenzymatic L-lysine amino acid detection using titanium oxide nanoparticles/multi wall carbon nanotube composite electrodes. <i>Electrochimica Acta</i> , 2014, 123, 569-575.	2.6	24
97	Differential Pulse Anodic Stripping Voltammetric Simultaneous Determination of Copper(II) and Silver(I) with Bis(2-hydroxyacetophenone) Butane-2,3-dihydrazone Modified Carbon Paste Electrodes. <i>Electroanalysis</i> , 2010, 22, 2291-2296.	1.5	23
98	An Electrochemical Sensor Based on Carbon Nanotube Bimetallic Au-Pt Inorganic-Organic Nanofiber Hybrid Nanocomposite Electrode Applied for Detection of Guaifenesin. <i>Electroanalysis</i> , 2011, 23, 2771-2779.	1.5	23
99	Fabrication of a highly sensitive sumatriptan sensor based on ultrasonic-electrodeposition of Pt nanoparticles on the ZrO ₂ nanoparticles modified carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 712, 33-39.	1.9	23
100	Covalent attachment of Ni-2,3-pyrazine dicarboxylic acid onto gold nanoparticle gold electrode modified with penicillamine- CdS quantum dots for electrocatalytic oxidation and determination of urea. <i>Electrochimica Acta</i> , 2014, 125, 9-21.	2.6	23
101	Developing a novel computationally designed impedimetric pregabalin biosensor. <i>Electrochimica Acta</i> , 2014, 133, 123-131.	2.6	23
102	Engineering of nickel-cobalt oxide nanostructures based on biomass material for high performance supercapacitor and catalytic water splitting. <i>International Journal of Energy Research</i> , 2021, 45, 12879-12897.	2.2	23
103	Spectrophotometric study of the effects of surfactants and ethanol on the acidity constants of fluorescein. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 1158-1165.	2.0	22
104	Determination of the chemical composition and <i>in vitro</i> antioxidant activities of essential oil and methanol extracts of <i>Echinophora platyloba</i> DC. <i>Natural Product Research</i> , 2011, 25, 1585-1595.	1.0	22
105	QSAR Analysis for Some Diaryl-substituted Pyrazoles as CCR2 Inhibitors by GA-Stepwise MLR. <i>Chemical Biology and Drug Design</i> , 2011, 77, 75-85.	1.5	22
106	Rapid Analysis of Volatile Components from <i>Teucrium polium</i> L. by Nanoporous Silica-polyaniline Solid Phase Microextraction Fibre. <i>Phytochemical Analysis</i> , 2013, 24, 69-74.	1.2	22
107	Determination of Tetracycline at a UV-irradiated DNA Film Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2013, 25, 461-467.	1.5	22
108	Simultaneous Voltammetric Determination of Theophylline and Guaifenesin Using a Multiwalled Carbon Nanotube-Ionic Liquid Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2014, 26, 1975-1983.	1.5	22

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109	Fabrication of an ultrasensitive impedimetric buprenorphine hydrochloride biosensor from computational and experimental angles. <i>Talanta</i> , 2014, 124, 27-35.	2.9	22
110	A nano sized functionalized mesoporous silica modified carbon paste electrode as a novel, simple, robust and selective anti-diabetic metformin sensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 807-815.	4.0	22
111	Novel platinum(II) selective membrane electrode based on 1,3-bis(2-cyanobenzene)triazene. <i>Talanta</i> , 2009, 78, 922-928.	2.9	21
112	Fabrication of a novel iron(III)-PVC membrane sensor based on a new 1,1'-bis(2-(iminobis(methan-1-yl-1-ylidene))dinaphthalen-2-yl) synthetic ionophore for direct and indirect determination of free iron species in some biological and non-biological samples. <i>Journal of Hazardous Materials</i> , 2010, 177, 159-166.	6.5	21
113	Simultaneous Determination of Trace Zinc and Cadmium by Anodic Stripping Voltammetry Using a Polymeric Film Nanoparticle Self-Assembled Electrode. <i>Electroanalysis</i> , 2011, 23, 364-370.	1.5	21
114	Fabrication of a highly sensitive glucose electrochemical sensor based on immobilization of Ni(II)-pyromellitic acid and bimetallic Au-Pt inorganic-organic hybrid nanocomposite onto carbon nanotube modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2012, 76, 300-311.	2.6	21
115	Microwave distillation followed by headspace single drop microextraction coupled to gas chromatography-mass spectrometry (GC-MS) for fast analysis of volatile components of <i>Echinophora platyloba</i> DC. <i>Food Chemistry</i> , 2013, 138, 251-255.	4.2	21
116	A novel voltammetric sensor for citalopram based on multiwall carbon nanotube/(poly(p-aminobenzene sulfonic acid)/ β -cyclodextrin). <i>Materials Science and Engineering C</i> , 2016, 62, 480-488.	3.8	21
117	Extraction and spectrophotometric determination of trace amount of Pd(II) with 2,2'-dithiodianiline. <i>Talanta</i> , 2000, 52, 1055-1060.	2.9	20
118	Adsorptive Stripping Voltammetric Determination of Ultra Trace of Zinc and Lead with Carbidopa as Complexing Agent in Food and Water Samples. <i>Electroanalysis</i> , 2007, 19, 2465-2471.	1.5	20
119	Mercury(II) selective membrane electrode based on 1,3-bis(2-methoxybenzene)triazene. <i>Materials Science and Engineering C</i> , 2009, 29, 2154-2159.	3.8	20
120	Preparation and Evaluation of a Novel Solid-Phase Microextraction Fiber Based on Functionalized Nanoporous Silica Coating for Extraction of Polycyclic Aromatic Hydrocarbons From Water Samples Followed by GC-MS Detection. <i>Chromatographia</i> , 2015, 78, 795-803.	0.7	20
121	Facile electrostatic coprecipitation of f-SWCNT/Co ₃ O ₄ nanocomposite as supercapacitor material. <i>Ionics</i> , 2015, 21, 515-523.	1.2	20
122	Sensitive warfarin sensor based on cobalt oxide nanoparticles electrodeposited at multi-walled carbon nanotubes modified glassy carbon electrode (Co ₃ O ₄ NPs/MWCNTs/GCE). <i>Electrochimica Acta</i> , 2017, 246, 689-698.	2.6	20
123	Comparison of Essential Oil Composition of <i>Eucalyptus Oleosa</i> Obtained by Supercritical Carbon Dioxide and Hydrodistillation. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2012, 18, 318-330.	0.5	19
124	High performance electrochemical method for simultaneous determination dopamine, serotonin, and tryptophan by ZrO ₂ -CuO co-doped CeO ₂ modified carbon paste electrode. <i>Talanta</i> , 2022, 239, 122982.	2.9	19
125	Fabrication of a highly sensitive and selective electrochemical sensor based on chitosan-coated Fe ₃ O ₄ magnetic nanoparticle for determination of antibiotic ciprofloxacin and its application in biological samples. <i>Canadian Journal of Chemistry</i> , 2016, 94, 803-811.	0.6	18
126	A sensitive electrochemical genosensor for highly specific detection of thalassemia gene. <i>Biosensors and Bioelectronics</i> , 2019, 129, 182-188.	5.3	18

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