

Mohammad Bagher Gholivand

List of Publications by Year in descending order

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219
papers

5,639
citations

76294

40
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155592

55
g-index

221
all docs

221
docs citations

221
times ranked

5821
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Colorimetric detection and determination of glutathione based on superoxide radical-assisted etching approach. <i>Microchemical Journal</i> , 2022, 173, 107006.	2.3	5
3	Carbon dots-thionine modified aptamer-based biosensor for highly sensitive cocaine detection. <i>Journal of Electroanalytical Chemistry</i> , 2022, 907, 116062.	1.9	10
4	An electrochemical sensor based on Ag nanoparticles decorated on cadmium sulfide nanowires/reduced graphene oxide for the determination of acyclovir. <i>Journal of Alloys and Compounds</i> , 2022, 903, 163912.	2.8	13
5	Converting of the 2D graphene to its 3D by chicken red blood cells as sheets separator for construction supercapacitor electrode. <i>Current Applied Physics</i> , 2022, 37, 8-18.	1.1	4
6	Ordered mesoporous carbon/molybdenum carbide nanocomposite with high electrochemical performance asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164185.	2.8	13
7	Simultaneous electrochemical investigation and detection of two glucocorticoids; interactions with human growth hormone, somatropin. <i>Results in Chemistry</i> , 2022, 4, 100324.	0.9	4
8	A highly sensitive electrochemical biosensor for chlorpyrifos pesticide detection using the adsorbent nanomatrix contain the human serum albumin and the Pd: CdTe quantum dots. <i>Microchemical Journal</i> , 2022, 179, 107424.	2.3	15
9	Introduction of a thrombin sensor based on its interaction with dabigatran as an oral direct thrombin inhibitor. <i>Materials Science and Engineering C</i> , 2021, 119, 111417.	3.8	9
10	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
11	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
12	Liquid Phase Microextraction of Chloridazon from Environmental Water and Soil Samples by Supramolecular Solvent-Impregnated TiO ₂ Coated Polypropylene Hollow Fibers. <i>Journal of Analytical Chemistry</i> , 2021, 76, 555-562.	0.4	4
13	Introduction of Pt-free counter electrode based on f-MWCNTs@NiMoSe ₂ nanocomposite for efficient dye-sensitized solar cells. <i>Solar Energy</i> , 2021, 227, 67-77.	2.9	17
14	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
15	Harnessing the enantiomeric recognition ability of hydrophobic polymers of intrinsic microporosity (PIM-1) toward amino acids by converting them into hydrophilic polymer dots. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13827-13835.	2.7	12
16	Highly sensitive and selective sensor based on molecularly imprinted polymer for voltammetric determination of Nevirapine in biological samples. <i>Journal of Electroanalytical Chemistry</i> , 2020, 876, 114508.	1.9	14
17	DNA biosensor based on surface modification of ITO by physical vapor deposition of gold and carbon quantum dots modified with neutral red as an electrochemical redox probe. <i>Microchemical Journal</i> , 2020, 159, 105523.	2.3	16
18	A highly selective green supported liquid membrane by using a hydrophobic deep eutectic solvent for carrier-less transport of silver ions. <i>Analytical Methods</i> , 2020, 12, 4682-4690.	1.3	9

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19	Enzyme-less amperometric sensor manufactured using a Nafion®/LaNiO ₃ nanocomposite for hydrogen peroxide. RSC Advances, 2020, 10, 23457-23465.	1.7	7
20	Chiral recognition and quantitative analysis of tyrosine enantiomers using L-cysteine capped CdTe quantum dots: Circular dichroism, fluorescence, and theoretical calculation studies. Microchemical Journal, 2020, 158, 105168.	2.3	17
21	A novel voltammetric sensor based on graphene quantum dots-thionine/nano-porous glassy carbon electrode for detection of cisplatin as an anti-cancer drug. Sensors and Actuators B: Chemical, 2019, 299, 126975.	4.0	33
22	Sensitive determination of the anti-viral drug valganciclovir by a nafion/magnetic nanoparticle-graphene/GCE as a voltammetric sensor. Analytical Methods, 2019, 11, 4659-4667.	1.3	11
23	Cetirizine dihydrochloride sensor based on nano composite chitosan, MWCNTs and ionic liquid. Microchemical Journal, 2019, 146, 692-700.	2.3	14
24	Monitoring of triamterene and hydrochlorothiazide at carbonic materials modified electrode. Journal of Electroanalytical Chemistry, 2019, 847, 113176.	1.9	13
25	Square Wave Anodic Stripping Voltammetric Determination of Paracetamol at Poly Luminol/Functionalized Multi-Walled Carbon Nanotubes Modified Glassy Carbon Electrode. Russian Journal of Electrochemistry, 2019, 55, 1151-1161.	0.3	8
26	Ti ₂ VGes Heuslerene: theoretical prediction of a novel 2D material. Journal of Materials Chemistry C, 2019, 7, 13559-13572.	2.7	36
27	Determination of Hg ²⁺ and Cu ²⁺ ions by dual-emissive Ag/Au nanocluster/carbon dots nano hybrids: Switching the selectivity by pH adjustment. Journal of Hazardous Materials, 2019, 367, 437-446.	6.5	70
28	A sensitive electrochemical genosensor for highly specific detection of thalassemia gene. Biosensors and Bioelectronics, 2019, 129, 182-188.	5.3	18
29	Fabrication of a glycation induced amyloid nanofibril and polyalizarin yellow R nanobiocomposite: Application for electrocatalytic determination of hydrogen peroxide. International Journal of Biological Macromolecules, 2019, 123, 1297-1304.	3.6	6
30	A novel and high sensitive MWCNTs-nickel carbide/hollow fiber-pencil graphite modified electrode for in situ ultra-trace analysis of bisphenol A. Journal of Electroanalytical Chemistry, 2018, 817, 9-17.	1.9	17
31	Intellectual modifying a bare glassy carbon electrode to fabricate a novel and ultrasensitive electrochemical biosensor: Application to determination of acrylamide in food samples. Talanta, 2018, 176, 509-517.	2.9	27
32	Simultaneous electrochemical sensing of warfarin and mycophenolic acid in biological samples. Analytica Chimica Acta, 2018, 1034, 46-55.	2.6	9
33	Mycophenolate mofetil sensor based on molecularly imprinted polymer/multi-walled carbon nanotubes modified carbon paste electrode. Analytical Biochemistry, 2018, 557, 97-103.	1.1	16
34	Single frequency impedance strategy employed in rapid detection of leukemia cancer cells using an electrospun PES-nanofiber reinforced ternary composite-based cytosensor. Electrochimica Acta, 2018, 283, 1498-1506.	2.6	7
35	Development of a novel hollow fiber- pencil graphite modified electrochemical sensor for the ultra-trace analysis of glyphosate. Sensors and Actuators B: Chemical, 2018, 272, 415-424.	4.0	56
36	Novel synthesis and characterization of ZnCo ₂ O ₄ nanoflakes grown on nickel foam as efficient electrode materials for electrochemical supercapacitors. Ionics, 2017, 23, 1489-1498.	1.2	12

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37	Experimental and theoretical studies of interaction of aliphatic chain β -aminobisphosphonates with DNA. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 338, 183-191.	2.0	1
38	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
39	Theoretical and Instrumental Studies of the Competitive Interaction Between Aromatic β -Aminobisphosphonates with DNA Using Binding Probes. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 925-943.	1.4	4
40	Introduction of a carbon paste electrode based on nickel carbide for investigation of interaction between warfarin and vitamin K1. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 139, 156-164.	1.4	9
41	Introduction of a simple sensing device for monitoring of hydrogen peroxide based on ZnFe ₂ O ₄ nanoparticles/chitosan modified gold electrode. <i>Journal of Electroanalytical Chemistry</i> , 2017, 796, 17-23.	1.9	12
42	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
43	Experimental and Computational Evidence on the Interaction of Cycloalkyl β -Aminobisphosphonates with Calf Thymus DNA. <i>DNA and Cell Biology</i> , 2017, 36, 541-551.	0.9	1
44	Sensitive warfarin sensor based on cobalt oxide nanoparticles electrodeposited at multi-walled carbon nanotubes modified glassy carbon electrode (Co _x O _y NPs/MWCNTs/GCE). <i>Electrochimica Acta</i> , 2017, 246, 689-698.	2.6	20
45	A novel voltammetric sensor for nevirapine, based on modified graphite electrode by MWCNs/poly(methylene blue)/gold nanoparticle. <i>Analytical Biochemistry</i> , 2017, 527, 4-12.	1.1	41
46	Adsorptive anodic stripping differential pulse voltammetric determination of CellCept at Fe ₃ O ₄ nanoparticles decorated multi-walled carbon nanotubes modified glassy carbon electrode. <i>Analytical Biochemistry</i> , 2017, 520, 1-8.	1.1	12
47	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
48	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
49	Electrocatalytic and new electrochemical properties of chlorpromazine in to silicaNPs/chlorpromazine/Nafion nanocomposite: Application to nitrite detection at low potential. <i>Microchemical Journal</i> , 2017, 131, 43-50.	2.3	13
50	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
51	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
52	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
53	Fabrication of a novel electrochemical sensor based on an electrosynthesized indolyldihydroxyquinone as a bio-based modifier for sensitive and selective direct electrochemical determination of tryptophan. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 119-125.	1.9	11
54	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

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55	Solid State Electrochemical Oxidation of Some Bisphosphoramidates in Aqueous Media and their Applications in DNA Sensing. <i>Electroanalysis</i> , 2016, 28, 601-610.	1.5	3
56	An environmentally friendly electrochemical method for synthesis of pyrazole derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2016, 760, 1-5.	1.9	6
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	Removal of methylene blue and neutral red from aqueous solutions by surfactant-modified magnetic nanoparticles as highly efficient adsorbent. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 1683-1693.	1.3	9
65	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
66	Mercaptopropyl-functionalized nanoporous silica as a novel coating for solid-phase microextraction fibers. <i>Analytical Methods</i> , 2015, 7, 2505-2513.	1.3	3
67	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
68	Electrochemical characterization of some bisphosphoramidates spiked carbon paste electrodes and their applications in DNA sensing. <i>Journal of Electroanalytical Chemistry</i> , 2015, 742, 62-69.	1.9	7
69	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
70	Mimicking enzymatic effects of cytochrome P450 by an efficient biosensor for in vitro detection of DNA damage. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 1004-1010.	3.6	16
71	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
72	Advanced and tailored applications of an efficient electrochemical approach assisted by AsLSSR ² -COW ² -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

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73	Molecularly Imprinted Polymer Preconcentration and Flow Injection Amperometric Determination of 4-Nitrophenol in Water. <i>Analytical Letters</i> , 2015, 48, 2856-2869.	1.0	11
74	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
75	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
76	A graphene-based electrochemical sensor for sensitive determination of cyanazine. <i>Journal of Analytical Chemistry</i> , 2015, 70, 384-391.	0.4	13
77	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
78	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
79	Fabrication of a highly sensitive amperometric sensor using 1,4-phenylene-N,N'-bis(O,O-diphenylphoramidate)/CdS quantum dots/multi-walled carbon nanotubes for nanomolar detection of captopril. <i>Journal of Electroanalytical Chemistry</i> , 2015, 738, 176-183.	1.9	17
80	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
81	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
82	Electrocatalytic oxidation of sulfide and electrochemical behavior of chlorpromazine based on organic-inorganic hybrid nanocomposite. <i>Journal of Molecular Catalysis A</i> , 2015, 396, 245-253.	4.8	8
83	Facile electrostatic coprecipitation of f-SWCNT/Co ₃ O ₄ nanocomposite as supercapacitor material. <i>Ionics</i> , 2015, 21, 515-523.	1.2	20
84	Nanostructured CuO/PANI composite as supercapacitor electrode material. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 157-161.	1.9	79
85	The influence of the extraction mode on three coumarin compounds yield from <i>Prangos ferulacea</i> (L.) Lindl roots. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 707-714.	1.2	7
86	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
87	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
88	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
89	Construction of a sensitive sensor for D-penicillamine using sodium montmorillonite nonoclay as a modifier. <i>Journal of Electroanalytical Chemistry</i> , 2014, 725, 7-11.	1.9	13
90	polyethyleneimine wrapped carbon nanotubes in situ formed gold nanoparticles decorated with DNA and NAD ⁺ as a novel bioelectrochemical sensing platform. <i>Electrochimica Acta</i> , 2014, 133, 82-92.	2.6	12

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91	Direct Electrochemistry and Electrocatalysis of Hemoglobin on Bimetallic Au@Pt Inorganic-Organic Nanofiber Hybrid Nanocomposite and Mesoporous Molecular Sieve MCM-41. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 573-581.	1.9	4
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	Boehmite nanoparticle modified carbon paste electrode for determination of piroxicam. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 378-386.	4.0	35
100	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
101	Antioxidant activity of Ziziphora tenuifolia methanolic extracts and comparison of the essential oil in two stages of growth. <i>Chinese Journal of Natural Medicines</i> , 2014, 12, 505-511.	0.7	9
102	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
103	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
104	Fabrication of an ultrasensitive impedimetric buprenorphine hydrochloride biosensor from computational and experimental angles. <i>Talanta</i> , 2014, 124, 27-35.	2.9	22
105	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
106	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
107	Developing a novel computationally designed impedimetric pregabalin biosensor. <i>Electrochimica Acta</i> , 2014, 133, 123-131.	2.6	23
108	Catalytic performance and characterization of cobalt-nickel nano catalysts for CO hydrogenation. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 37-44.	1.2	6

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109	Multivariate analysis for resolving interactions of carbidopa with dsDNA at a fullerene-C60/GCE. International Journal of Biological Macromolecules, 2014, 69, 369-381.	3.6	50
110	Synthesis of Fe ²⁺ /Cu/TiO ₂ nanostructure and its use in construction of a sensitive and selective sensor for metformin determination. Materials Science and Engineering C, 2014, 42, 791-798.	3.8	25
111	Rapid Analysis of Volatile Components from <i>Teucrium polium</i> L. by Nanoporous Silica ⁺ polyaniline Solid Phase Microextraction Fibre. Phytochemical Analysis, 2013, 24, 69-74.	1.2	22
112	Spectrophotometric study of formation, structure, stability and kinetics of charge-transfer complexation of iodine with 1,4,7,10,13,16-hexamethyl-1,4,7,10,13,16-hexaazacyclooctadecane in chloroform solution. Application of hard-modeling approaches and theoretical calculations. Journal of Molecular Structure, 2013, 1047, 179-185.	1.8	3
113	Comparison of microwave-assisted headspace single-drop microextraction (MA-HS-SDME) with hydrodistillation for the determination of volatile compounds from <i>Prangos uloptera</i> . Journal of Essential Oil Research, 2013, 25, 49-54.	1.3	8
114	Determination of Tetracycline at a UV ⁺ irradiated DNA Film Modified Glassy Carbon Electrode. Electroanalysis, 2013, 25, 461-467.	1.5	22
115	Investigation of interaction of nuclear fast red with human serum albumin by experimental and computational approaches. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 115, 516-527.	2.0	46
116	Highly sensitive and selective determination methyldopa in the presence of ascorbic acid using OPPy/TY/Au modified electrode. Journal of Electroanalytical Chemistry, 2013, 694, 56-60.	1.9	17
117	Analysis of volatile oil composition of <i>Citrus aurantium</i> L. by microwave ⁺ assisted extraction coupled to headspace solid ⁺ phase microextraction with nanoporous based fibers. Journal of Separation Science, 2013, 36, 872-877.	1.3	28
118	Differential pulse voltammetric determination of metformin using copper-loaded activated charcoal modified electrode. Analytical Biochemistry, 2013, 438, 53-60.	1.1	24
119	Determination of lamotrigine by using molecularly imprinted polymer ⁺ carbon paste electrode. Journal of Electroanalytical Chemistry, 2013, 692, 9-16.	1.9	27
120	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. Food Chemistry, 2013, 138, 251-255.	4.2	21
121	Enhancement effect of sodium-dodecyl sulfate on the anodic stripping voltammetric signal of phenylephrine hydrochloride at carbon paste electrode. Journal of Electroanalytical Chemistry, 2013, 704, 50-56.	1.9	25
122	Simultaneous Voltammetric Determination of Captopril and Hydrochlorothiazide on a Graphene/Ferrocene Composite Carbon Paste Electrode. Electroanalysis, 2013, 25, 1263-1270.	1.5	33
123	Amperometric sensor based on a graphene/copper hexacyanoferrate nano-composite for highly sensitive electrocatalytic determination of captopril. Materials Science and Engineering C, 2013, 33, 774-781.	3.8	31
124	A method for fast analysis of volatile components of <i>Citrus aurantium</i> L. leaves. Natural Product Research, 2013, 27, 1315-1318.	1.0	8
125	Evaluation effect of microwave irradiation on the amount of volatile compounds, monoterpenes and sesquiterpenoids from <i>Thymus kotschyanus</i> Boiss with four methods. Natural Product Research, 2013, 27, 1228-1231.	1.0	4
126	Comparison of Different Extraction Methods in Optimum Condition for Antioxidant Activities of <i>Ziziphora Tenuir</i> L for Flowering and Pre-Flowering Stages. Advanced Chemistry Letters, 2013, 1, 56-61.	0.1	0

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127	A New Bulk Optical PVC Membrane Sensor: Determination of Aluminum in Tea Leaf, Mushroom, Potato and Al ³⁺ Mg Syrup Samples. <i>Sensor Letters</i> , 2013, 11, 1651-1657.	0.4	3
128	A New Potentiometric Membrane Sensor: Determination of Ibuprofen in Pharmaceutical and Human Serum Samples. <i>Advanced Science, Engineering and Medicine</i> , 2013, 5, 73-77.	0.3	1
129	A Novel Pt(bipy) ₂ Cl ₂ -Poly(vinyl chloride) Membrane Sensor for Mefenamic Acid Detection in Pharmaceutical and Blood Samples. <i>Sensor Letters</i> , 2013, 11, 362-367.	0.4	1
130	Wide linear range nanomaterial/ionophore-based electrode used for determination of lead in environmental and biological samples with differential pulse voltammetry. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1013-1025.	1.8	3
131	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
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