Mohammad Bagher Gholivand

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9295859/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	High performance electrochemical method for simultaneous determination dopamine, serotonin, and tryptophan by ZrO2–CuO co-doped CeO2 modified carbon paste electrode. Talanta, 2022, 239, 122982.	5.5	19
2	Colorimetric detection and determination of glutathione based on superoxide radical-assisted etching approach. Microchemical Journal, 2022, 173, 107006.	4.5	5
3	Carbon dots-thionine modified aptamer-based biosensor for highly sensitive cocaine detection. Journal of Electroanalytical Chemistry, 2022, 907, 116062.	3.8	10
4	An electrochemical sensor based on Ag nanoparticles decorated on cadmium sulfide nanowires/reduced graphene oxide for the determination of acyclovir. Journal of Alloys and Compounds, 2022, 903, 163912.	5.5	13
5	Converting of the 2D graphene to its 3D by chicken red blood cells as sheets separator for construction supercapacitor electrode. Current Applied Physics, 2022, 37, 8-18.	2.4	4
6	Ordered mesoporous carbon/molybdenum carbide nanocomposite with high electrochemical performance asymmetric supercapacitor. Journal of Alloys and Compounds, 2022, 905, 164185.	5.5	13
7	Simultaneous electrochemical investigation and detection of two glucocorticoids; interactions with human growth hormone, somatropin. Results in Chemistry, 2022, 4, 100324.	2.0	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. Microchemical Journal, 2022, 179, 107424.	4.5	15
9	Introduction of a thrombin sensor based on its interaction with dabigatran as an oral direct thrombin inhibitor. Materials Science and Engineering C, 2021, 119, 111417.	7.3	9
10	Non-enzymatic glucose sensor based on a g-C3N4/NiO/CuO nanocomposite. Analytical Biochemistry, 2021, 616, 114062.	2.4	37
11	Engineering of nickelâ€cobalt oxide nanostructures based on biomass material for high performance supercapacitor and catalytic water splitting. International Journal of Energy Research, 2021, 45, 12879-12897.	4.5	23
12	Liquid Phase Microextraction of Chloridazon from Environmental Water and Soil Samples by Supramolecular Solvent-Impregnated TiO2 Coated Polypropylene Hollow Fibers. Journal of Analytical Chemistry, 2021, 76, 555-562.	0.9	4
13	Introduction of Pt-free counter electrode based on f-MWCNTs@NiMoSe2 nanocomposite for efficient dye-sensitized solar cells. Solar Energy, 2021, 227, 67-77.	6.1	17
14	Label-free electrochemical immunosensor for sensitive HER2 biomarker detection using the core-shell magnetic metal-organic frameworks. Journal of Electroanalytical Chemistry, 2020, 877, 114722.	3.8	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. Journal of Materials Chemistry C, 2020, 8, 13827-13835.	5.5	12
16	Highly sensitive and selective sensor based on molecularly imprinted polymer for voltammetric determination of Nevirapine in biological samples. Journal of Electroanalytical Chemistry, 2020, 876, 114508.	3.8	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. Microchemical Journal, 2020, 159, 105523.	4.5	16
18	A highly selective green supported liquid membrane by using a hydrophobic deep eutectic solvent for carrier-less transport of silver ions. Analytical Methods, 2020, 12, 4682-4690.	2.7	9

#	Article	IF	CITATIONS
19	Enzyme-less amperometric sensor manufactured using a Nafion–LaNiO ₃ nanocomposite for hydrogen peroxide. RSC Advances, 2020, 10, 23457-23465.	3.6	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.	4.5	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.	7.8	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.	2.7	11
23	Cetirizine dihydrochloride sensor based on nano composite chitosan, MWCNTs and ionic liquid. Microchemical Journal, 2019, 146, 692-700.	4.5	14
24	Monitoring of triamterene and hydrochlorothiazide at carbonic materials modified electrode. Journal of Electroanalytical Chemistry, 2019, 847, 113176.	3.8	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.	0.9	8
26	Ti ₂ VGe Heuslerene: theoretical prediction of a novel 2D material. Journal of Materials Chemistry C, 2019, 7, 13559-13572.	5.5	36
27	Determination of Hg2+ and Cu2+ ions by dual-emissive Ag/Au nanocluster/carbon dots nanohybrids: Switching the selectivity by pH adjustment. Journal of Hazardous Materials, 2019, 367, 437-446.	12.4	70
28	A sensitive electrochemical genosensor for highly specific detection of thalassemia gene. Biosensors and Bioelectronics, 2019, 129, 182-188.	10.1	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.	7.5	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.	3.8	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.	5.5	27
32	Simultaneous electrochemical sensing of warfarin and maycophenolic acid in biological samples. Analytica Chimica Acta, 2018, 1034, 46-55.	5.4	9
33	Mycophenolate mofetil sensor based on molecularly imprinted polymer/multi-walled carbon nanotubes modified carbon paste electrode. Analytical Biochemistry, 2018, 557, 97-103.	2.4	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.	5.2	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.	7.8	56
36	Novel synthesis and characterization of ZnCo2O4 nanoflakes grown on nickel foam as efficient electrode materials for electrochemical supercapacitors. Ionics, 2017, 23, 1489-1498.	2.4	12

#	Article	IF	CITATIONS
37	Experimental and theoretical studies of interaction of aliphatic chain α-aminobisphosphonates with DNA. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 338, 183-191.	3.9	1
38	A novel high-performance supercapacitor based on high-quality CeO2/nitrogen-doped reduced graphene oxide nanocomposite. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	29
39	Theoretical and Instrumental Studies of the Competitive Interaction Between Aromatic α-Aminobisphosphonates with DNA Using Binding Probes. Applied Biochemistry and Biotechnology, 2017, 182, 925-943.	2.9	4
40	Introduction of a carbon paste electrode based on nickel carbide for investigation of interaction between warfarin and vitamin K1. Journal of Pharmaceutical and Biomedical Analysis, 2017, 139, 156-164.	2.8	9
41	Introduction of a simple sensing device for monitoring of hydrogen peroxide based on ZnFe 2 O 4 nanoparticles/chitosan modified gold electrode. Journal of Electroanalytical Chemistry, 2017, 796, 17-23.	3.8	12
42	An all-solid-state asymmetric device based on a polyaniline hydrogel for a high energy flexible supercapacitor. New Journal of Chemistry, 2017, 41, 237-244.	2.8	49
43	Experimental and Computational Evidence on the Interaction of Cycloalkyl α-Aminobisphosphonates with Calf Thymus DNA. DNA and Cell Biology, 2017, 36, 541-551.	1.9	1
44	Sensitive warfarin sensor based on cobalt oxide nanoparticles electrodeposited at multi-walled carbon nanotubes modified glassy carbon electrode (CoxOyNPs/MWCNTs/GCE). Electrochimica Acta, 2017, 246, 689-698.	5.2	20
45	A novel voltammetric sensor for nevirapine, based on modified graphite electrode by MWCNs/poly(methylene blue)/gold nanoparticle. Analytical Biochemistry, 2017, 527, 4-12.	2.4	41
46	Adsorptive anodic stripping differential pulse voltammetric determination of CellCept at Fe3O4 nanoparticles decorated multi-walled carbon nanotubes modified glassy carbon electrode. Analytical Biochemistry, 2017, 520, 1-8.	2.4	12
47	Polyaniline/reduced graphene oxide–cobalt sulfide ternary composite for high-performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2017, 28, 3607-3615.	2.2	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. Microchemical Journal, 2017, 131, 9-14.	4.5	41
49	Electrocatalytic and new electrochemical properties of chloropromazine in to silicaNPs/chloropromazine/Nafion nanocomposite: Application to nitrite detection at low potential. Microchemical Journal, 2017, 131, 43-50.	4.5	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. Sensors and Actuators B: Chemical, 2017, 243, 283-291.	7.8	42
51	Cefixime detection by a novel electrochemical sensor based on glassy carbon electrode modified with surface imprinted polymer/multiwall carbon nanotubes. Journal of Electroanalytical Chemistry, 2016, 771, 64-72.	3.8	41
52	Cyclic voltammetry deposition of copper nanostructure on MWCNTs modified pencil graphite electrode: An ultra-sensitive hydrazine sensor. Materials Science and Engineering C, 2016, 66, 16-24.	7.3	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. Journal of Electroanalytical Chemistry, 2016, 780, 119-125.	3.8	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. Canadian Journal of Chemistry, 2016, 94, 803-811.	1.1	18

#	Article	IF	CITATIONS
55	Solid State Electrochemical Oxidation of Some Bisphosphoramidates in Aqueous Media and their Applications in DNA Sensing. Electroanalysis, 2016, 28, 601-610.	2.9	3
56	An environmentally friendly electrochemical method for synthesis of pyrazole derivatives. Journal of Electroanalytical Chemistry, 2016, 760, 1-5.	3.8	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. Sensors and Actuators B: Chemical, 2016, 231, 759-767.	7.8	37
58	A novel voltammetric sensor for citalopram based on multiwall carbon nanotube/(poly(p-aminobenzene sulfonic acid)/β-cyclodextrin). Materials Science and Engineering C, 2016, 62, 480-488.	7.3	21
59	Determination of ganciclovir as an antiviral drug and its interaction with DNA at Fe3O4/carboxylated multi-walled carbon nanotubes modified glassy carbon electrode. Measurement: Journal of the International Measurement Confederation, 2016, 77, 269-277.	5.0	31
60	Application of a Cu–chitosan/multiwalled carbon nanotube film-modified electrode for the sensitive determination of rutin. Analytical Biochemistry, 2016, 493, 35-43.	2.4	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. Materials Science and Engineering C, 2016, 60, 67-77.	7.3	28
62	The fabrication of a new electrochemical sensor based on electropolymerization of nanocomposite gold nanoparticle-molecularly imprinted polymer for determination of valganciclovir. Materials Science and Engineering C, 2016, 59, 594-603.	7.3	38
63	Construction of a sensitive and selective sensor for morphine using chitosan coated Fe 3 O 4 magnetic nanoparticle as a modifier. Materials Science and Engineering C, 2016, 58, 53-59.	7.3	56
64	Removal of methylene blue and neutral red from aqueous solutions by surfactantâ€nodified magnetic nanoparticles as highly efficient adsorbent. Environmental Progress and Sustainable Energy, 2015, 34, 1683-1693.	2.3	9
65	Computational design and development of a novel voltammetric sensor for minoxidil detection based on electropolymerized molecularly imprinted polymer. Journal of Electroanalytical Chemistry, 2015, 740, 45-52.	3.8	43
66	Mercaptopropyl-functionalized nanoporous silica as a novel coating for solid-phase microextraction fibers. Analytical Methods, 2015, 7, 2505-2513.	2.7	3
67	Adsorptive removal of alizarin red-S and alizarin yellow GG from aqueous solutions using polypyrrole-coated magnetic nanoparticles. Journal of Environmental Chemical Engineering, 2015, 3, 529-540.	6.7	86
68	Electrochemical characterization of some bisphosphoramidates spiked carbon paste electrodes and their applications in DNA sensing. Journal of Electroanalytical Chemistry, 2015, 742, 62-69.	3.8	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. Materials Science and Engineering C, 2015, 57, 77-87.	7.3	40
70	Mimicking enzymatic effects of cytochrome P450 by an efficient biosensor for in vitro detection of DNA damage. International Journal of Biological Macromolecules, 2015, 79, 1004-1010.	7.5	16
71	A nano sized functionalized mesoporous silica modified carbon paste electrode as a novel, simple, robust and selective anti-diabetic metformin sensor. Sensors and Actuators B: Chemical, 2015, 221, 807-815.	7.8	22
72	Advanced and tailored applications of an efficient electrochemical approach assisted by AsLSSR–COW–rPLS and finding ways to cope with challenges arising from the nature of voltammetric data. Chemometrics and Intelligent Laboratory Systems, 2015, 146, 437-446.	3.5	31

#	Article	IF	CITATIONS
73	Molecularly Imprinted Polymer Preconcentration and Flow Injection Amperometric Determination of 4-Nitrophenol in Water. Analytical Letters, 2015, 48, 2856-2869.	1.8	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. Sensors and Actuators B: Chemical, 2015, 215, 471-479.	7.8	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. Chromatographia, 2015, 78, 795-803.	1.3	20
76	A graphene-based electrochemical sensor for sensitive determination of cyanazine. Journal of Analytical Chemistry, 2015, 70, 384-391.	0.9	13
77	Fabrication of an electrochemical sensor based on computationally designed molecularly imprinted polymer for the determination of mesalamine in real samples. Materials Science and Engineering C, 2015, 55, 209-217.	7.3	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. Chemometrics and Intelligent Laboratory Systems, 2015, 148, 60-71.	3.5	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. Journal of Electroanalytical Chemistry, 2015, 738, 176-183.	3.8	17
80	Electrooxidation behavior of warfarin in Fe3O4 nanoparticles modified carbon paste electrode and its determination in real samples. Materials Science and Engineering C, 2015, 48, 235-242.	7.3	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. Talanta, 2015, 134, 607-618.	5.5	34
82	Electrocatalytic oxidation of sulfide and electrochemical behavior of chloropromazine based on organic–inorganic hybrid nanocomposite. Journal of Molecular Catalysis A, 2015, 396, 245-253.	4.8	8
83	Facile electrostatic coprecipitation of f-SWCNT/Co3O4 nanocomposite as supercapacitor material. lonics, 2015, 21, 515-523.	2.4	20
84	Nanostructured CuO/PANI composite as supercapacitor electrode material. Materials Science in Semiconductor Processing, 2015, 30, 157-161.	4.0	79
85	The influence of the extraction mode on three coumarin compounds yield from Prangos ferulacea (L.) Lindl roots. Journal of the Iranian Chemical Society, 2015, 12, 707-714.	2.2	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. Talanta, 2015, 131, 249-258.	5.5	30
87	Combination of electrochemistry with chemometrics to introduce an efficient analytical method for simultaneous quantification of five opium alkaloids in complex matrices. Talanta, 2015, 131, 26-37.	5.5	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. Talanta, 2015, 132, 354-365.	5.5	59
89	Construction of a sensitive sensor for D-penicillamine using sodium montmorillonite nonoclay as a modifier. Journal of Electroanalytical Chemistry, 2014, 725, 7-11.	3.8	13
90	polyethyleneimine wrapped carbon nanotubes in situ formed gold nanoparticles decorated with DNA and NAD+ as a novel bioeletrochemical sensing platform. Electrochimica Acta, 2014, 133, 82-92.	5.2	12

#	Article	IF	CITATIONS
91	Direct Electrochemistry and Electrocatalysis of Hemoglobin on Bimetallic Au–Pt Inorganic–Organic Nanofiber Hybrid Nanocomposite and Mesoporous Molecular Sieve MCM-41. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 573-581.	3.7	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. Talanta, 2014, 119, 553-563.	5.5	44
93	Fabrication of a highly sensitive sumatriptan sensor based on ultrasonic-electrodeposition of Pt nanoparticles on the ZrO2 nanoparticles modified carbon paste electrode. Journal of Electroanalytical Chemistry, 2014, 712, 33-39.	3.8	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. Electrochimica Acta, 2014, 125, 9-21.	5.2	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. Analytica Chimica Acta, 2014, 822, 30-36.	5.4	58
96	Electrocatalytic determination of traces of insulin using a novel silica nanoparticles-Nafion modified glassy carbon electrode. Journal of Electroanalytical Chemistry, 2014, 714-715, 70-75.	3.8	39
97	Development of a selective and sensitive voltammetric sensor for propylparaben based on a nanosized molecularly imprinted polymer–carbon paste electrode. Materials Science and Engineering C, 2014, 36, 102-107.	7.3	61
98	Amperometric cholesterol biosensor based on the direct electrochemistry of cholesterol oxidase and catalase on a graphene/ionic liquid-modified glassy carbon electrode. Biosensors and Bioelectronics, 2014, 53, 472-478.	10.1	120
99	Boehmite nanoparticle modified carbon paste electrode for determination of piroxicam. Sensors and Actuators B: Chemical, 2014, 201, 378-386.	7.8	35
100	Simultaneous Voltammetric Determination of Theophylline and Guaifenesin Using a Multiwalled Carbon Nanotubeâ€lonic Liquid Modified Glassy Carbon Electrode. Electroanalysis, 2014, 26, 1975-1983.	2.9	22
101	Antioxidant activity of Ziziphora tenuoir methanolic extracts and comparison of the essential oil in two stages of growth. Chinese Journal of Natural Medicines, 2014, 12, 505-511.	1.3	9
102	Fabrication of a novel naltrexone biosensor based on a computationally engineered nanobiocomposite. International Journal of Biological Macromolecules, 2014, 70, 596-605.	7.5	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. Analytica Chimica Acta, 2014, 852, 223-235.	5.4	49
104	Fabrication of an ultrasensitive impedimetric buprenorphine hydrochloride biosensor from computational and experimental angles. Talanta, 2014, 124, 27-35.	5.5	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. Materials Science and Engineering C, 2014, 40, 109-120.	7.3	47
106	Nonenzymatic L-lysine amino acid detection using titanium oxide nanoparticles/multi wall carbon nanotube composite electrodes. Electrochimica Acta, 2014, 123, 569-575.	5.2	24
107	Developing a novel computationally designed impedimetric pregabalin biosensor. Electrochimica Acta, 2014, 133, 123-131.	5.2	23
108	Catalytic performance and characterization of cobalt-nickel nano catalysts for CO hydrogenation. Korean Journal of Chemical Engineering, 2014, 31, 37-44.	2.7	6

#	Article	IF	CITATIONS
109	Multivariate analysis for resolving interactions of carbidopa with dsDNA at a fullerene-C60/GCE. International Journal of Biological Macromolecules, 2014, 69, 369-381.	7.5	50
110	Synthesis of Fe–Cu/TiO2 nanostructure and its use in construction of a sensitive and selective sensor for metformin determination. Materials Science and Engineering C, 2014, 42, 791-798.	7.3	25
111	Rapid Analysis of Volatile Components from <i>Teucrium polium</i> L. by Nanoporous Silicaâ€polyaniline Solid Phase Microextraction Fibre. Phytochemical Analysis, 2013, 24, 69-74.	2.4	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.	3.6	3
113	Comparison of microwave-assisted headspace single-drop microextraction (MA-HS-SDME) with hydrodistillation for the determination of volatile compounds fromPrangos uloptera. Journal of Essential Oil Research, 2013, 25, 49-54.	2.7	8
114	Determination of Tetracycline at a UVâ€Irradiated DNA Film Modified Glassy Carbon Electrode. Electroanalysis, 2013, 25, 461-467.	2.9	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.	3.9	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.	3.8	17
117	Analysis of volatile oil composition of <i><scp>C</scp>itrus aurantium</i> <scp>L</scp> . by microwaveâ€assisted extraction coupled to headspace solidâ€phase microextraction with nanoporous based fibers. Journal of Separation Science, 2013, 36, 872-877.	2.5	28
118	Differential pulse voltammetric determination of metformin using copper-loaded activated charcoal modified electrode. Analytical Biochemistry, 2013, 438, 53-60.	2.4	24
119	Determination of lamotrigine by using molecularly imprinted polymer–carbon paste electrode. Journal of Electroanalytical Chemistry, 2013, 692, 9-16.	3.8	27
120	Microwave distillation followed by headspace single drop microextraction coupled to gas chromatography-mass spectrometry (CC–MS) for fast analysis of volatile components of Echinophora platyloba DC. Food Chemistry, 2013, 138, 251-255.	8.2	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.	3.8	25
122	Simultaneous Voltammetric Determination of Captopril and Hydrochlorothiazide on a Graphene/Ferrocene Composite Carbon Paste Electrode. Electroanalysis, 2013, 25, 1263-1270.	2.9	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.	7.3	31
124	A method for fast analysis of volatile components of <i>Citrus aurantium</i> L. leaves. Natural Product Research, 2013, 27, 1315-1318.	1.8	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.	1.8	4
126	Comparison of Different Extraction Methods in Optimum Condition for Antioxidant Activities of Ziziphora Tenuir L for Flowering and Pre-Flowering Stages. Advanced Chemistry Letters, 2013, 1, 56-61.	0.1	0

#	Article	IF	CITATIONS
127	A New Bulk Optical PVC Membrane Sensor: Determination of Aluminum in Tea Leaf, Mushroom, Potato and Al–Mg Syrup Samples. Sensor Letters, 2013, 11, 1651-1657.	0.4	3
128	A New Potentiometric Membrane Sensor: Determination of Ibuprofen in Pharmaceutical and Human Serum Samples. Advanced Science, Engineering and Medicine, 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. Sensor Letters, 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. International Journal of Environmental Analytical Chemistry, 2012, 92, 1013-1025.	3.3	3
131	Lead(II) and cadmium(II) removal from aqueous solution using processed walnut shell: kinetic and equilibrium study. Toxicological and Environmental Chemistry, 2012, 94, 660-671.	1.2	51
132	A chemometrics approach for simultaneous determination of cyanazine and propazine based on a carbon paste electrode modified by a molecularly imprinted polymer. Analyst, The, 2012, 137, 1190.	3.5	24
133	Computational design and synthesis of a high selective molecularly imprinted polymer for voltammetric sensing of propazine in food samples. Talanta, 2012, 89, 513-520.	5.5	47
134	Fabrication of an electrochemical sensor based on computationally designed molecularly imprinted polymers for determination of cyanazine in food samples. Analytica Chimica Acta, 2012, 713, 36-44.	5.4	59
135	Simultaneous detection of dopamine and acetaminophen by modified gold electrode with polypyrrole/aszophloxine film. Journal of Electroanalytical Chemistry, 2012, 676, 53-59.	3.8	51
136	A nano-structured Ni(II)–chelidamic acid modified gold nanoparticle self-assembled electrode for electrocatalytic oxidation and determination of methanol. Materials Science and Engineering C, 2012, 32, 1955-1962.	7.3	10
137	Nanomolar detection of hydrogen peroxide at a nano-structured adducts of diorganotin dichlorides multiwall carbon nanotube modified glassy carbon electrode. Electrochimica Acta, 2012, 78, 82-91.	5.2	7
138	Comparison of Essential Oil Composition of <i>Eucalyptus Oleosa</i> Obtained by Supercritical Carbon Dioxide and Hydrodistillation. Journal of Herbs, Spices and Medicinal Plants, 2012, 18, 318-330.	1.1	19
139	Inside needle capillary adsorption trap device for headspace solidâ€phase dynamic extraction based on polyaniline/hexagonally ordered silica nanocomposite. Journal of Separation Science, 2012, 35, 695-701.	2.5	28
140	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. Electrochimica Acta, 2012, 76, 300-311.	5.2	21
141	DNA-binding, DNA cleavage and cytotoxicity studies of two anthraquinone derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 87, 232-240.	3.9	24
142	Immobilization of nickel-dipicolinic acid onto a glassy carbon electrode modified with bimetallic Au-Pt inorganic-organic hybrid nanocomposite: Application to micromolar detection of fructose. Russian Journal of Electrochemistry, 2012, 48, 457-466.	0.9	4
143	Highly porous silicaâ€polyaniline nanocomposite as a novel solidâ€phase microextraction fiber coating. Journal of Separation Science, 2012, 35, 101-106.	2.5	24
144	Cloud Point Extraction and Spectrophotometric Determination of Uranium (VI) in Water Samples after Mixed Micelle-Mediated Extraction Using Chromotrope 2R as Complexing Agent. Croatica Chemica Acta, 2012, 85, 289-295.	0.4	9

#	Article	IF	CITATIONS
145	Determination of the chemical composition and <i>in vitro</i> antioxidant activities of essential oil and methanol extracts of <i>Echinophora platyloba</i> DC. Natural Product Research, 2011, 25, 1585-1595.	1.8	22
146	Polypyrrole/hexagonally ordered silica nanocomposite as a novel fiber coating for solid-phase microextraction. Analytica Chimica Acta, 2011, 704, 174-179.	5.4	66
147	A novel high selective and sensitive metronidazole voltammetric sensor based on a molecularly imprinted polymer-carbon paste electrode. Talanta, 2011, 84, 905-912.	5.5	78
148	Rationally designed molecularly imprinted polymers for selective extraction of methocarbamol from human plasma. Talanta, 2011, 85, 1680-1688.	5.5	32
149	QSAR Analysis for Some Diarylâ€substituted Pyrazoles as CCR2 Inhibitors by GAâ€Stepwise MLR. Chemical Biology and Drug Design, 2011, 77, 75-85.	3.2	22
150	Development and characterization of a new nickel(II) ion selective optode based on 2-amino-1-cyclopentene-dithiocarboxylic acid. Measurement: Journal of the International Measurement Confederation, 2011, 44, 1691-1696.	5.0	11
151	Development of piroxicam sensor based on molecular imprinted polymer-modified carbon paste electrode. Materials Science and Engineering C, 2011, 31, 1844-1851.	7.3	28
152	A novel hydrazine electrochemical sensor based on a zirconium hexacyanoferrate film-bimetallic Au–Pt inorganic–organic hybrid nanocomposite onto glassy carbon-modified electrode. Electrochimica Acta, 2011, 56, 10044-10054.	5.2	63
153	A Hexagonally Ordered Nanoporous Silica-Based Fiber Coating for SPME of Polycyclic Aromatic Hydrocarbons from Water Followed by GC–MS. Chromatographia, 2011, 74, 807-815.	1.3	14
154	Voltammetric study of acetazolamide and its determination in human serum and urine using carbon paste electrode modified by gold nanoparticle. Journal of Electroanalytical Chemistry, 2011, 660, 163-168.	3.8	13
155	DNA-binding study of anthraquinone derivatives using Chemometrics methods. European Journal of Medicinal Chemistry, 2011, 46, 2630-2638.	5.5	49
156	Simultaneous Determination of Trace Zinc and Cadmium by Anodic Stripping Voltammetry Using a Polymeric Film Nanoparticle Selfâ€Assembled Electrode. Electroanalysis, 2011, 23, 364-370.	2.9	21
157	Anodic Stripping Voltammetric Determination of Iron(II) at a Carbon Paste Electrode Modified with Dithiodianiline (DTDA) and Gold Nanoparticles (GNP). Electroanalysis, 2011, 23, 1345-1351.	2.9	31
158	An Electrochemical Sensor Based on Carbon Nanotube Bimetallic Auâ€Pt Inorganicâ€Organic Nanofiber Hybrid Nanocomposite Electrode Applied for Detection of Guaifenesin. Electroanalysis, 2011, 23, 2771-2779.	2.9	23
159	Anodized aluminum wire as a solid-phase microextraction fiber for rapid determination of volatile constituents in medicinal plant. Analytica Chimica Acta, 2011, 701, 1-5.	5.4	43
160	A nano-structured Ni(II)–ACDA modified gold nanoparticle self-assembled electrode for electrocatalytic oxidation and determination of tryptophan. Electrochimica Acta, 2011, 56, 4022-4030.	5.2	40
161	Spectrophotometric study of complex formations between 1-(2-pyridylazo)-2-naphthol (PAN) and some metal ions in organic solvents and the determination of thermodynamic parameters. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1606-1610.	3.9	7
162	31P NMR study of the stoichiometry, stability and thermodynamics of new complexation between uranyl (II) nitrate and N-methyliminobis(methylenephosphonic acid) in two binary D2O–DMSO-d6 solvent mixtures. Polyhedron, 2011, 30, 228-232.	2.2	5

#	Article	IF	CITATIONS
163	Adsorptive cathodic stripping voltammetric determination of curcumin in turmeric and human serum. Collection of Czechoslovak Chemical Communications, 2011, 76, 143-157.	1.0	9
164	Computer aided-molecular design and synthesis of a high selective molecularly imprinted polymer for solid-phase extraction of furosemide from human plasma. Analytica Chimica Acta, 2010, 658, 225-232.	5.4	98
165	Fabrication of a novel iron(III)–PVC membrane sensor based on a new 1,1′-(iminobis(methan-1-yl-1-ylidene))dinaphthalen-2-ol synthetic ionophore for direct and indirect determination of free iron species in some biological and non-biological samples. Journal of Hazardous Materials. 2010. 177. 159-166.	12.4	21
166	Differential Pulse Anodic Stripping Voltammetric Simultaneous Determination of Copper(II) and Silver(I) with Bis(2â€hydroxyacetophenone) Butaneâ€2,3â€dihydrazone Modified Carbon Paste Electrodes. Electroanalysis, 2010, 22, 2291-2296.	2.9	23
167	Optical sensor based on 1,3-di(2-methoxyphenyl)triazene for monitoring trace amounts of mercury(II) in water samples. Materials Science and Engineering C, 2010, 30, 847-852.	7.3	25
168	Electroreduction of Zonisamide at Hanging Mercury Drop Electrode and Its Determination in Pharmaceutical Formulations and Spiked Human Serum Samples. Analytical Letters, 2010, 43, 269-279.	1.8	7
169	Chemical composition and antioxidant activities of the essential oil and methanol extracts of Psammogeton canescens. Food and Chemical Toxicology, 2010, 48, 24-28.	3.6	83
170	Simultaneous Determination of Tyrosine and Histidine by Differential Pulse Cathodic Stripping Voltammetry Using Hâ€point Standard Addition Method in Tap and Seawater. Electroanalysis, 2009, 21, 2499-2502.	2.9	3
171	Preparation of Polypyrrole/Nuclear Fast Red Films on Gold Electrode and Its Application on the Electrocatalytic Determination of Methylâ€dopa and Ascorbic Acid. Electroanalysis, 2009, 21, 2461-2467.	2.9	11
172	Mercury(II) selective membrane electrode based on 1,3-bis(2-methoxybenzene)triazene. Materials Science and Engineering C, 2009, 29, 2154-2159.	7.3	20
173	A kinetic method for the determination of thiourea by its catalytic effect in micellar media. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 327-331.	3.9	32
174	Kinetic-spectrophotometry method for determination of ultra trace amounts of aluminum in food samples. Food Chemistry, 2009, 116, 1019-1023.	8.2	35
175	Application of Adsorptive Stripping Voltammetry for Determination of Uranium in the Presence of 3-Hydroxy-2-Naphthoic Hydrazide. Analytical Letters, 2009, 42, 3085-3095.	1.8	1
176	Manganese(II)-ion-selective electrode based on 2,2′-bis(salicylideneamino)azobenzene incorporated in poly(vinyl chloride) matrix. Collection of Czechoslovak Chemical Communications, 2009, 74, 1411-1424.	1.0	5
177	Determination of Essential Oil Components of Star Anise (<i>Illicium verum</i>) Using Simultaneous Hydrodistillation–Static Headspace Liquid-Phase Microextraction–Gas Chromatography Mass Spectrometry. Analytical Letters, 2009, 42, 1382-1397.	1.8	53
178	Novel platinum(II) selective membrane electrode based on 1,3-bis(2-cyanobenzene)triazene. Talanta, 2009, 78, 922-928.	5.5	21
179	Determination of trace amounts of lead by adsorptive cathodic stripping voltammetry with L-3-(3,4-Dihydroxyphenyl)alanine. Collection of Czechoslovak Chemical Communications, 2009, 74, 599-610.	1.0	1
180	New Zn(II)-Selective Potentiometric Sensor Based on 3-Hydroxy-2-Naphthoic Hydrazide. Sensor Letters, 2009, 7, 119-125.	0.4	5

#	Article	IF	CITATIONS
181	Determination of Trace Amount of Lead(II) in Sweet Fruitâ€Flavored Powder Drinks by Differential Pulse Adsorptive Stripping Voltammetry at Carbon Paste Electrode. Electroanalysis, 2008, 20, 367-373.	2.9	7
182	Simultaneous Determination of Nickel and Cadmium by Adsorptive Stripping Voltammetry. Electroanalysis, 2008, 20, 1367-1373.	2.9	6
183	A cyclic voltammetry investigation of the complex formation between Cu2+ and some Schiff bases in binary acetonitrile/dimethylformamide mixtures. Journal of Molecular Structure, 2008, 885, 76-81.	3.6	24
184	Spectrophotometric and conductometric study of complexation of salophen and some transition metal ions in nonaqueous polar solvents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 1073-1078.	3.9	29
185	Spectrophotometric study of the effects of surfactants and ethanol on the acidity constants of fluorescein. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 71, 1158-1165.	3.9	22
186	Simultaneous spectrophotometric determination of trace amounts of cobalt, nickel, and copper using the partial least-squares method after the preconcentration of their 2-aminocyclopentene-1-dithiocarboxylate complexes on microcrystalline naphthalene. Journal of Analytical Chemistry, 2008, 63, 232-238.	0.9	16
187	Determination of Sn(II) and Sn(IV) after mixed micelle-mediated cloud point extraction using α-polyoxometalate as a complexing agent by flame atomic absorption spectrometry. Talanta, 2008, 76, 503-508.	5.5	40
188	Interaction of Diazinon with DNA and the Protective Role of Selenium in DNA Damage. DNA and Cell Biology, 2008, 27, 325-332.	1.9	60
189	Simultaneous Determination of Trans-Cinnamaldehyde and Benzaldehyde in Different Real Samples by Differential Pulse Polarography and Study of Heat Stability of Trans-Cinnamaldehyde. Analytical Letters, 2008, 41, 3324-3341.	1.8	15
190	Determination of Ultra Trace Amounts of Uranium (VI) by Adsorptive Stripping Voltammetry Using L-3-(3, 4-dihydroxy phenyl) Alanine as a Selective Complexing Agent. Analytical Letters, 2008, 41, 1128-1143.	1.8	17
191	Chelation Study of Captopril with Cd2+ and Pb2+ Ions. American Journal of Biochemistry and Biotechnology, 2008, 4, 245-249.	0.4	2
192	Highly selective and sensitive copper membrane electrode based on a new synthesized Schiff base. Talanta, 2007, 73, 553-560.	5.5	68
193	Solid Phase Extraction and Determination of Ultra Trace Amounts of Copper using Activated Carbon Modified byN,N′â€Bis(Salicylidene)â€1,2â€Phenylenediamine. Separation Science and Technology, 2007, 42, 897-910.	2.5	31
194	Interaction of Diazinon with DNA. Toxicology Letters, 2007, 172, S205.	0.8	0
195	Determination of Copper by Adsorptive Stripping Voltammetry in the Presence of Calcein Blue. Electroanalysis, 2007, 19, 1609-1615.	2.9	24
196	Adsorptive Stripping Voltammetric Determination of Ultra Trace of Zinc and Lead with Carbidopa as Complexing Agent in Food and Water Samples. Electroanalysis, 2007, 19, 2465-2471.	2.9	20
197	Zirconium ion selective electrode based on bis(diphenylphosphino) ferrocene incorporated in a poly(vinyl chloride) matrix. Analytica Chimica Acta, 2007, 584, 302-307.	5.4	24
198	DNA interaction with Al–N,N′-bis(salicylidene)2,2′-phenylendiamine complex. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 67, 472-478.	3.9	106

#	Article	IF	CITATIONS
199	Application of adsorptive stripping voltammetry to the simultaneous determination of bismuth and copper in the presence of nuclear fast red. Analytica Chimica Acta, 2006, 571, 99-104.	5.4	31
200	A Novel Al(III)-Selective Electrochemical Sensor Based on N,N′-Bis(salicylidene)-1,2-phenylenediamine Complexes. Electroanalysis, 2006, 18, 1620-1626.	2.9	50
201	Synthesis of a New Octadentates Schiff's Base and Its Application in Construction of a Highly Selective and Sensitive Lanthanum (III) Membrane Sensor. Sensor Letters, 2006, 4, 356-363.	0.4	36
202	Characterization of an optical copper sensor based on N,N′-bis(salycilidene)-1,2-phenylenediamine. Analytica Chimica Acta, 2005, 538, 225-231.	5.4	46
203	Potentiometeric Study of Binary Complexes of Triethylenetetraminehexaacetic Acid with Cd2+, Co2+, and Pb2+ Ions in Aqueous Solutions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 1118-1122.	0.7	Ο
204	Cathodic adsorptive stripping voltammetric determination of uranium (VI) complexed with 2, 6-pyridinedicarboxylic acid. Talanta, 2005, 65, 62-66.	5.5	37
205	PVC-based bis(2-nitrophenyl)disulfide sensor for zinc ions. Talanta, 2003, 59, 399-407.	5.5	37
206	Chromium(III) ion selective electrode based on glyoxal bis(2-hydroxyanil). Talanta, 2003, 60, 707-713.	5.5	64
207	2-Aminocyclopentene-1-Dithiocarboxylic Acid-Naphthalene Adsorbent for the Preconcentration and Determination of a Trace Copper in Real Samples by Spectrophotometric Method. Journal of the Chinese Chemical Society, 2002, 49, 355-359.	1.4	12
208	Copper(II)-selective electrode using 2,2′-dithiodianiline as neutral carrier. Talanta, 2001, 54, 597-602.	5.5	37
209	Selective and efficient uphill transport of Cu(II) through bulk liquid membrane using N-ethyl-2-aminocyclopentene-1-dithiocarboxylie acid as carrier. Journal of Membrane Science, 2000, 180, 115-120.	8.2	25
210	Preconcentration and Determination of Trace Palladium with 1, 5-Diphenylcarbazone- Naphthalene as Adsorbent by Atomic Absorption Spectrometry. Analytical Letters, 2000, 33, 1645-1654.	1.8	9
211	Extraction and spectrophotometric determination of trace amount of Pd(II) with 2,2′-dithiodianiline. Talanta, 2000, 52, 1055-1060.	5.5	20
212	A potentiometeric study of protonation and complex formation of xylenol orange with alkaline earth and aluminum ions. Talanta, 1998, 46, 875-884.	5.5	8
213	Selective Extraction–Spectrophotometric Determination of Traces of Palladium in Catalysts. Microchemical Journal, 1997, 57, 288-293.	4.5	5
214	Electrochemical investigation of reduction of mercury complexes of 2-aminocyclopentene-1-dithiocarboxylic acid and some of its derivatives at mercury electrodes. Canadian Journal of Chemistry, 1996, 74, 95-102.	1.1	9
215	Analytical data. Talanta, 1992, 39, 325-327.	5.5	7
216	Electroanalytical Behaviour of 2-Aminocyclopentene-1-Dithiocarboxylic Acid and Its N-substituted Derivatives at Mercury Electrodes. Analytical Letters, 1992, 25, 1309-1329.	1.8	13

#	Article	IF	CITATIONS
217	Spectrophotometric study of the complexation reactions between alkaline earth cations and murexide in some non-aqueous solutions. Polyhedron, 1988, 7, 1227-1230.	2.2	24
218	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. Inorganica Chimica Acta, 1986, 121, 53-56.	2.4	39
219	Synthesis of Co/TiO ₂ Nanocomposite and its Use in Construction of a Sensitive and Selective Sensor for Determination of Ciprofloxacin. Advanced Materials Research, 0, 829, 563-567.	0.3	13