Tayyebeh Madrakian

List of Publications by Year
in descending order

231 papers	7,880 citations	43973 48 h-index	74018 75 g-index
235 all docs	235 docs citations	235 times ranked	8015 citing authors

#	Article	IF	Citations
1	Removal of some cationic dyes from aqueous solutions using magnetic-modified multi-walled carbon nanotubes. Journal of Hazardous Materials, 2011, 196, 109-114.	6.5	339
2	Nanomaterials as sorbents for sample preparation in bioanalysis: A review. Analytica Chimica Acta, 2017, 958, 1-21.	2.6	211
3	Surface decoration of multi-walled carbon nanotubes modified carbon paste electrode with gold nanoparticles for electro-oxidation and sensitive determination of nitrite. Biosensors and Bioelectronics, 2014, 51, 379-385.	5.3	178
4	Simultaneous determination of tyrosine, acetaminophen and ascorbic acid using gold nanoparticles/multiwalled carbon nanotube/glassy carbon electrode by differential pulse voltammetric method. Sensors and Actuators B: Chemical, 2014, 193, 451-460.	4.0	170
5	Adsorption and kinetic studies of seven different organic dyes onto magnetite nanoparticles loaded tea waste and removal of them from wastewater samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 99, 102-109.	2.0	158
6	Betulin and its derivatives as novel compounds with different pharmacological effects. Biotechnology Advances, 2020, 38, 107409.	6.0	158
7	Fabrication and application of a new modified electrochemical sensor using nano-silica and a newly synthesized Schiff base for simultaneous determination of Cd2+, Cu2+ and Hg2+ ions in water and some foodstuff samples. Analytica Chimica Acta, 2013, 771, 21-30.	2.6	137
8	Preconcentration and spectrophotometric determination of low concentrations of malachite green and leuco-malachite green in water samples by high performance solid phase extraction using maghemite nanoparticles. Talanta, 2010, 82, 785-789.	2.9	129
9	Preparation of NiFe2O4/graphene nanocomposite and its application as a modifier for the fabrication of an electrochemical sensor for the simultaneous determination of tramadol and acetaminophen. Analytica Chimica Acta, 2014, 831, 50-59.	2.6	127
10	The effect of acid treatment of carbon cloth on the adsorption of nitrite and nitrate ions. Journal of Hazardous Materials, 2007, 144, 427-431.	6.5	119
11	Facile simultaneous electrochemical determination of codeine and acetaminophen in pharmaceutical samples and biological fluids by grapheneâ€“CoFe2O4 nancomposite modified carbon paste electrode. Sensors and Actuators B: Chemical, 2014, 203, 909-918.	4.0	119
12	Fabrication of a new electrochemical sensor based on a new nano-molecularly imprinted polymer for highly selective and sensitive determination of tramadol in human urine samples. Biosensors and Bioelectronics, 2013, 44, 34-40.	5.3	117
13	Gold nanoparticle/multi-walled carbon nanotube modified glassy carbon electrode as a sensitive voltammetric sensor for the determination of diclofenac sodium. Materials Science and Engineering C, 2016, 59, 168-176.	3.8	115
14	Impedimetric immunosensor for the label-free and direct detection of botulinum neurotoxin serotype A using Au nanoparticles/graphene-chitosan composite. Biosensors and Bioelectronics, 2017, 93, 124-131.	5.3	106
15	Construction of a chemically modified electrode for the selective determination of nitrite and nitrate ions based on a new nanocomposite. Electrochimica Acta, 2012, 66, 255-264.	2.6	98
16	Highly sensitive simultaneous electrochemical determination of trace amounts of Pb(II) and Cd(II) using a carbon paste electrode modified with multi-walled carbon nanotubes and a newly synthesized Schiff base. Electrochimica Acta, 2013, 89, 377-386.	2.6	98
17	Application of Modified Silica Coated Magnetite Nanoparticles for Removal of Iodine from Water Samples. Nano-Micro Letters, 2012, 4, 57-63.	14.4	97
18	Construction of a modified carbon paste electrode for the highly selective simultaneous electrochemical determination of trace amounts of mercury(II) and cadmium(II). Sensors and Actuators B: Chemical, 2012, 161, 542-548.	4.0	97

#	Article	IF	Citations
19	Flame atomic absorption spectrometric determination of trace quantities of cadmium in water samples after cloud point extraction in Triton X-114 without added chelating agents. Journal of Hazardous Materials, 2006, 138, 269-272.	6.5	93
20	Pleiotropic effects of statins: A focus on cancer. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165968.	1.8	89
21	Spectrophotometric determination of trace amounts of uranium(VI) in water samples after mixed micelle-mediated extraction. Talanta, 2007, 71, 610-614.	2.9	88
22	Green and cost-effective synthesis of carbon dots from date kernel and their application as a novel switchable fluorescence probe for sensitive assay of Zoledronic acid drug in human serum and cellular imaging. Analytica Chimica Acta, 2018, 1030, 183-193.	2.6	86
23	Flame atomic absorption spectrometric determination of trace amounts of Pb(II) and Cr(III) in biological, food and environmental samples after preconcentration by modified nano-alumina. Mikrochimica Acta, 2011, 172, 125-136.	2.5	85
24	Selective solid-phase extraction of naproxen drug from human urine samples using molecularly imprinted polymer-coated magnetic multi-walled carbon nanotubes prior to its spectrofluorometric determination. Analyst, The, 2013, 138, 4542.	1.7	84
25	New nano-composite potentiometric sensor composed of graphene nanosheets/thionine/molecular wire for nanomolar detection of silver ion in various real samples. Talanta, 2015, 131, 548-555.	2.9	82
26	Separation, preconcentration and determination of silver ion from water samples using silica gel modified with 2,4,6-trimorpholino-1,3,5-triazin. Journal of Hazardous Materials, 2006, 128, 67-72.	6.5	78
27	New Schiff base-carbon nanotubeâ€“nanosilicaâ€“ionic liquid as a high performance sensing material of a potentiometric sensor for nanomolar determination of cerium(III) ions. Sensors and Actuators B: Chemical, 2012, 174, 237-244.	4.0	78
28	Fabrication of a novel aptasensor based on three-dimensional reduced graphene oxide/polyaniline/gold nanoparticle composite as a novel platform for high sensitive and specific cocaine detection. Analytica Chimica Acta, 2017, 996, 10-19.	2.6	78
29	A new nano-composite potentiometric sensor containing an Hg2+-ion imprinted polymer for the trace determination of mercury ions in different matrices. Journal of Molecular Liquids, 2015, 204, 227-235.	2.3	77
30	Superparamagnetic surface molecularly imprinted nanoparticles for sensitive solid-phase extraction of tramadol from urine samples. Talanta, 2013, 105, 255-261.	2.9	73
31	Construction of a carbon ionic liquid paste electrode based on multi-walled carbon nanotubes-synthesized Schiff base composite for trace electrochemical detection of cadmium. Materials Science and Engineering C, 2014, 35, 8-14.	3.8	70
32	Magnetic nickel zinc ferrite nanocomposite as an efficient adsorbent for the removal of organic dyes from aqueous solutions. Journal of Industrial and Engineering Chemistry, 2015, 21, 920-924.	2.9	68
33	Effect of the impregnation of carbon cloth with ethylenediaminetetraacetic acid on its adsorption capacity for the adsorption of several metal ions. Journal of Hazardous Materials, 2008, 150, 408-412.	6.5	67
34	In Situ Growth of Metalâ€“Organic Framework HKUST-1 on Graphene Oxide Nanoribbons with High Electrochemical Sensing Performance in Imatinib Determination. ACS Applied Materials & Interfaces, 2020, 12, 4859-4869.	4.0	64
35	Turn-off fluorescence of amino-functionalized carbon quantum dots as effective fluorescent probes for determination of isotretinoin. Sensors and Actuators B: Chemical, 2017, 247, 428-435.	4.0	61
36	Gold nanoparticles modified carbon paste electrode as an efficient electrochemical sensor for rapid and sensitive determination of cefixime in urine and pharmaceutical samples. Electrochimica Acta, 2013, 103, 125-133.	2.6	60

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37	New synthetic mercaptoethylamino homopolymer-modified maghemite nanoparticles for effective removal of some heavy metal ions from aqueous solution. Journal of Industrial and Engineering Chemistry, 2015, 21, 1160-1166.	2.9	60
38	Alumina nanoparticles grafted with functional groups as a new adsorbent in efficient removal of formaldehyde from water samples. Desalination, 2011, 281, 151-158.	4.0	59
39	Chemically modified alumina nanoparticles for selective solid phase extraction and preconcentration of trace amounts of Cd(II). Mikrochimica Acta, 2011, 175, 69-77.	2.5	58
40	Surface decoration of cadmium-sulfide quantum dots with 3-mercaptopropionic acid as a fluorescence probe for determination of ciprofloxacin in real samples. Sensors and Actuators B: Chemical, 2017, 243, 14-21.	4.0	58
41	Polyethylenimine@Fe3O4@carbon nanotubes nanocomposite as a modifier in glassy carbon electrode for sensitive determination of ciprofloxacin in biological samples. Journal of Electroanalytical Chemistry, 2019, 833, 281-289.	1.9	58
42	Mo(VI) and W(VI) removal from water samples by acid-treated high area carbon cloth. Desalination, 2009, 243, 258-264.	4.0	56
43	Second-order advantage applied to simultaneous spectrofluorimetric determination of paracetamol and mefenamic acid in urine samples. Analytica Chimica Acta, 2009, 645, 25-29.	2.6	54
44	Spectroscopic and molecular docking techniques study of the interaction between oxymetholone and human serum albumin. Journal of Luminescence, 2014, 155, 218-225.	1.5	50
45	Spectrophotometric Determination of Periodate, Iodate and Bromate Mixtures Based on Their Reaction with Iodide.. Analytical Sciences, 2001, 17, 1199-1202.	0.8	49
46	Solid-phase extraction method for preconcentration of trace amounts of some metal ions in environmental samples using silica gel modified by 2,4,6-trimorpholino-1,3,5-triazin. Journal of Hazardous Materials, 2008, 160, 468-472.	6.5	49
47	Simultaneous spectrofluorimetric determination of levodopa and propranolol in urine using feed-forward neural networks assisted by principal component analysis. Talanta, 2009, 78, 1051-1055.	2.9	49
48	Simple in situ functionalizing magnetite nanoparticles by reactive blue-19 and their application to the effective removal of Pb2+ ions from water samples. Chemosphere, 2013, 90, 542-547.	4.2	49
49	Construction a magneto carbon paste electrode using synthesized molecularly imprinted magnetic nanospheres for selective and sensitive determination of mefenamic acid in some real samples. Biosensors and Bioelectronics, 2015, 68, 712-718.	5.3	49
50	Spectrophotometric determination of beryllium in water samples after micelle-mediated extraction preconcentration. Talanta, 2007, 71, 1103-1109.	2.9	48
51	Well-Orientation Strategy for Direct Immobilization of Antibodies: Development of the Immunosensor Using the Boronic Acid-Modified Magnetic Graphene Nanoribbons for Ultrasensitive Detection of Lymphoma Cancer Cells. Analytical Chemistry, 2020, 92, 11405-11412.	3.2	48
52	Electrochemical determination of levodopa in the presence of ascorbic acid by polyglycine/ZnO nanoparticles/multi-walled carbon nanotubes-modified carbon paste electrode. Ionics, 2015, 21, 2937-2947.	1.2	47
53	Solid phase extraction of doxorubicin using molecularly imprinted polymer coated magnetite nanospheres prior to its spectrofluorometric determination. New Journal of Chemistry, 2015, 39, 163-171.	1.4	47
54	Micelle-mediated extraction for simultaneous spectrophotometric determination of aluminum and beryllium using mean centering of ratio spectra. Talanta, 2007, 72, 408-414.	2.9	46

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55	Kineticâ€“spectrophotometric determination of selenium in natural water after preconcentration of elemental selenium on activated carbon. Talanta, 2002, 58, 311-317.	2.9	45
56	Effect of treatment of carbon cloth with sodium hydroxide solution on its adsorption capacity for the adsorption of some cations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 304, 36-40.	2.3	45
57	Cloud-point preconcentration and spectrophotometric determination of trace amounts of molybdenum(VI) in steels and water samples. Journal of Hazardous Materials, 2008, 153, 695-700.	6.5	45
58	Simultaneous determination of calcium, magnesium and zinc in different foodstuffs and pharmaceutical samples with continuous wavelet transforms. Food Chemistry, 2008, 109, 660-669.	4.2	45
59	Molecularly imprinted polymer coated magnetite nanoparticles as an efficient mefenamic acid resonance light scattering nanosensor. Analytica Chimica Acta, 2014, 852, 250-256.	2.6	45
60	Indirect Kinetic Spectrophotometric Determination of Hydroxylamine Based on Its Reaction with Iodate. Analytical Sciences, 2006, 22, 329-331.	0.8	44
61	A novel electrochemical sensor based on magneto Au nanoparticles/carbon paste electrode for voltammetric determination of acetaminophen in real samples. Materials Science and Engineering C, 2015, 57, 205-214.	3.8	44
62	Electrochemically oxidized multiwalled carbon nanotube/glassy carbon electrode as a probe for simultaneous determination of dopamine and doxorubicin in biological samples. Analytical and Bioanalytical Chemistry, 2016, 408, 2577-2586.	1.9	43
63	Adsorption of some cationic and anionic dyes on magnetite nanoparticles-modified activated carbon from aqueous solutions: equilibrium and kinetics study. Journal of the Iranian Chemical Society, 2013, 10, 481-489.	1.2	42
64	A novel electrochemical sensor based on magneto LDH/Fe3O4 nanoparticles @ glassy carbon electrode for voltammetric determination of tramadol in real samples. Ionics, 2017, 23, 1005-1015.	1.2	42
65	Graphene nanoribbon/FePt bimetallic nanoparticles/uric acid as a novel magnetic sensing layer of screen printed electrode for sensitive determination of ampyra. Talanta, 2018, 176, 350-359.	2.9	42
66	Highly selective determination of trace quantities of mercury in water samples after preconcentration by the cloud-point extraction method. International Journal of Environmental Analytical Chemistry, 2006, 86, 1165-1173.	1.8	41
67	Statins in patients with COVID-19: a retrospective cohort study in Iranian COVID-19 patients. Translational Medicine Communications, 2021, 6, 3.	0.5	41
68	A new chiral electrochemical sensor for the enantioselective recognition of naproxen enantiomers using <scp>l</scp>-cysteine self-assembled over gold nanoparticles on a gold electrode. RSC Advances, 2015, 5, 58609-58615.	1.7	40
69	Solid phase extraction of amoxicillin using dibenzo-18-crown-6 modified magnetic-multiwalled carbon nanotubes prior to its spectrophotometric determination. Talanta, 2016, 148, 122-128.	2.9	40
70	An electrochemical sensor for rizatriptan benzoate determination using Fe3O4 nanoparticle/multiwall carbon nanotube-modified glassy carbon electrode in real samples. Materials Science and Engineering C, 2016, 63, 637-643.	3.8	37
71	Solid phase extraction flame atomic absorption spectrometric determination of ultra-trace beryllium. Analytica Chimica Acta, 2001, 437, 17-22.	2.6	36
72	Simultaneous spectrophotometric determination of iodate and bromate in water samples by the method of mean centering of ratio kinetic profiles. Journal of Hazardous Materials, 2005, 123, 250-255.	6.5	36

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73	Application of nickel zinc ferrite/graphene nanocomposite as a modifier for fabrication of a sensitive electrochemical sensor for determination of omeprazole in real samples. Journal of Colloid and Interface Science, 2017, 495, 1-8.	5.0	36
74	Application of magnetic nanomaterials in electroanalytical methods: A review. Talanta, 2021, 225, 121974.	2.9	36
75	Improvement in the performance of a Pb2+ selective potentiometric sensor using modified core/shell SiO2/Fe3O4 nano-structure. Journal of Molecular Liquids, 2014, 199, 108-114.	2.3	35
76	Highly fluorescent nitrogen-doped graphene quantum dots as a green, economical and facile sensor for the determination of sunitinib in real samples. New Journal of Chemistry, 2017, 41, 6875-6882.	1.4	35
77	A modified carbon paste electrode based on Fe3O4@multi-walled carbon nanotubes@polyacrylonitrile nanofibers for determination of imatinib anticancer drug. Journal of Applied Electrochemistry, 2020, 50, 281-294.	1.5	35
78	Enhancing autophagy in Alzheimer's disease through drug repositioning. , 2022, 237, 108171.		35
79	Synthesis of morpholinated and 8-hydroxyquinolinated silica gel and their application to water softening. Green Chemistry, 2002, 4, 611-614.	4.6	34
80	Spectrophotometric determination of hydroxylamine and nitrite in mixture in water and biological samples after micelle-mediated extraction. Analytical Biochemistry, 2005, 347, 162-164.	1.1	34
81	Cloud point extraction spectrophotometric determination of trace quantities of bismuth in urine. Journal of the Brazilian Chemical Society, 2006, 17, 797-802.	0.6	34
82	Construction of novel sensitive electrochemical sensor for electro-oxidation and determination of citalopram based on zinc oxide nanoparticles and multi-walled carbon nanotubes. Materials Science and Engineering C, 2016, 59, 847-854.	3.8	34
83	Spectrophotometric determination of bismuth in water samples after preconcentration of its thioureaâ€“bromide ternary complex on activated carbon. Talanta, 2003, 60, 831-838.	2.9	33
84	A sensitive electrochemical sensor for rapid determination of methadone in biological fluids using carbon paste electrode modified with gold nanofilm. Talanta, 2014, 128, 203-210.	2.9	33
85	Highly sensitive and selective determination of thiocyanate using gold nanoparticles surface decorated multi-walled carbon nanotubes modified carbon paste electrode. Sensors and Actuators B: Chemical, 2014, 196, 467-474.	4.0	33
86	CoFe2O4 nanoparticles modified carbon paste electrode for simultaneous detection of oxycodone and codeine in human plasma and urine. Sensors and Actuators B: Chemical, 2016, 233, 263-271.	4.0	33
87	Synthesis of Î³-Fe₂O₃/TiO₂ nanocomposite and its application in removal of dyes from water samples by adsorption and degradation processes. RSC Advances, 2014, 4, 44841-44847.	1.7	32
88	Construction of Modified Carbon Paste Electrode for Highly Sensitive Simultaneous Electrochemical Determination of Trace Amounts of Copper (II) and Cadmium (II). Electroanalysis, 2016, 28, 296-303.	1.5	32
89	Simultaneous colorimetric determination of morphine and ibuprofen based on the aggregation of gold nanoparticles using partial least square. Journal of Pharmaceutical Analysis, 2017, 7, 411-416.	2.4	32
90	Construction of a novel "Off-On" fluorescence sensor for highly selective sensing of selenite based on europium ions induced crosslinking of nitrogen-doped carbon dots. Journal of Luminescence, 2018, 194, 768-777.	1.5	32

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91	A selective sensor for nanolevel detection of lead (II) in hazardous wastes using ionic-liquid/Schiff base/MWCNTs/nanosilica as a highly sensitive composite. Ionics, 2012, 18, 881-889.	1.2	31
92	Magnetic Nanomaterials in Microfluidic Sensors for Virus Detection: A Review. ACS Applied Nano Materials, 2021, 4, 4307-4328.	2.4	31
93	Preconcentration and spectrophotometric determination of oxymetholone in the presence of its main metabolite (mestanolone) using modified maghemite nanoparticles in urine sample. Talanta, 2013, 115, 468-473.	2.9	30
94	Spectrofluorometric determination of venlafaxine in biological samples after selective extraction on the superparamagnetic surface molecularly imprinted nanoparticles. Analytical Methods, 2015, 7, 428-435.	1.3	30
95	Fabrication of a novel impedimetric sensor based on l-Cysteine/Cu(II) modified gold electrode for sensitive determination of ampyra. Analytica Chimica Acta, 2017, 984, 185-192.	2.6	30
96	Construction and Application of an Electrochemical Sensor for Simultaneous Determination of Cd(II), Cu(II) and Hg(II) in Water and Foodstuff Samples. Electroanalysis, 2014, 26, 786-795.	1.5	29
97	Spectrophotometric determination of catecholamines based on their oxidation reaction followed by coupling with 4-aminobenzoic acid. Journal of the Brazilian Chemical Society, 2006, 17, 1259-1265.	0.6	27
98	Efficient solid phase extraction of codeine from human urine samples using a novel magnetic molecularly imprinted nanoadsorbent and its spectrofluorometric determination. New Journal of Chemistry, 2016, 40, 122-129.	1.4	27
99	Partial least-squares regression for the simultaneous determination of aluminum and beryllium in geochemical samples using xylenol orange. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 2988-2994.	2.0	26
100	Improvement in performance of a hyoscine butylbromide potentiometric sensor using a new nanocomposite carbon paste: a comparison study with polymeric membrane sensor. Ionics, 2014, 20, 1145-1154.	1.2	26
101	Simultaneous determination of mycophenolate mofetil and its active metabolite, mycophenolic acid, by differential pulse voltammetry using multi-walled carbon nanotubes modified glassy carbon electrode. Materials Science and Engineering C, 2014, 42, 38-45.	3.8	26
102	A sensitive electrochemical sensor for rapid and selective determination of venlafaxine in biological fluids using carbon paste electrode modified with molecularly imprinted polymer-coated magnetite nanoparticles. Journal of the Iranian Chemical Society, 2016, 13, 243-251.	1.2	26
103	Magnetic solid phase extraction of rizatriptan in human urine samples prior to its spectrofluorimetric determination. Sensors and Actuators B: Chemical, 2018, 254, 1225-1233.	4.0	25
104	Chiral magnetic nanospheres resonance light scattering properties studies for selective determination of naproxen and phenylglycine enantiomers. Sensors and Actuators B: Chemical, 2015, 210, 439-445.	4.0	24
105	Selective extraction and sensitive determination of mercury (II) ions by flame atomic absorption spectrometry after preconcentration on an ion-imprinted polymer-coated maghemite nanoparticles. Journal of the Iranian Chemical Society, 2015, 12, 1235-1243.	1.2	24
106	Ni0.5Zn0.5Fe2O4 nanocomposite modified carbon paste electrode for highly sensitive and selective simultaneous electrochemical determination of trace amounts of mercury (II) and cadmium (II). Journal of the Iranian Chemical Society, 2015, 12, 257-265.	1.2	24
107	Selective and Sensitive Electrochemical Determination of Trace Amounts of Mercury Ion in Some Real Samples Using an Ion Imprinted Polymer Nano-Modifier. Journal of the Electrochemical Society, 2016, 163, B68-B75.	1.3	24
108	Bottom-up and green-synthesis route of amino functionalized graphene quantum dot as a novel biocompatible and label-free fluorescence probe for in vitro cellular imaging of human ACHN cell lines. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 251, 114452.	1.7	24

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109	Investigation of the electrochemical behavior of some catecholamines in the presence of 4-aminobenzoic acid. Electrochimica Acta, 2005, 50, 5633-5640.	2.6	22
110	Simultaneous spectrophotometric determination of Sn(II) and Sn(IV) by mean centering of ratio kinetic profiles and partial least squares methods. Talanta, 2007, 72, 1847-1852.	2.9	22
111	Application of polyacrylonitrile nanofibers decorated with magnetic carbon dots as a resonance light scattering sensor to determine famotidine. Talanta, 2018, 181, 286-295.	2.9	22
112	Step-scheme BiVO4/WO3 heterojunction photocatalyst under visible LED light irradiation removing 4-chlorophenol in aqueous solutions. Journal of Environmental Management, 2021, 297, 113338.	3.8	22
113	Lithium-7 and sodium-23 nmr studies of complexation of Li+ and Na+ ions with 1,10-phenanthroline, 2,2â€²-bipyridine and 8-hydroxyquinoline in some non-aqueous solutions. Polyhedron, 1996, 15, 3647-3652.	1.0	21
114	Electro-oxidation and voltammetric determination of oxymetholone in the presence of mestanolone using glassy carbon electrode modified with carbon nanotubes. Talanta, 2014, 121, 1-8.	2.9	21
115	Magnetic headspace adsorptive extraction of chlorobenzenes prior to thermal desorption gas chromatography-mass spectrometry. Analytica Chimica Acta, 2017, 971, 40-47.	2.6	21
116	Preconcentration and spectrofluorometric determination of l-tryptophan in the presence of d-tryptophan using a chiral magnetic nanoselector. Sensors and Actuators B: Chemical, 2015, 221, 681-687.	4.0	20
117	Preparation of a ZnO nanoparticles/multiwalled carbon nanotubes/carbon paste electrode as a sensitive tool for capecitabine determination in real samples. RSC Advances, 2016, 6, 33851-33856.	1.7	20
118	Total sulfur determination in liquid fuels by ICP-OES after oxidation-extraction desulfurization using magnetic graphene oxide. Fuel, 2017, 210, 507-513.	3.4	20
119	Emerging Advances of Nanotechnology in Drug and Vaccine Delivery against Viral Associated Respiratory Infectious Diseases (VARID). International Journal of Molecular Sciences, 2021, 22, 6937.	1.8	20
120	Spectrophotometric Determination of Fluoxetine by Batch and Flow Injection Methods. Chemical and Pharmaceutical Bulletin, 2006, 54, 1642-1646.	0.6	19
121	Spectrophotometric determination of Sb(III) and Sb(V) in biological samples after micelle-mediated extraction. Journal of Hazardous Materials, 2009, 170, 809-813.	6.5	19
122	Removal and preconcentration of lead(II), cadmium(II) and chromium(III) ions from wastewater samples using surface functionalized magnetite nanoparticles. Journal of the Iranian Chemical Society, 2014, 11, 489-498.	1.2	18
123	Electrochemical determination of fluvoxamine on mercury nanoparticle multi-walled carbon nanotube modified glassy carbon electrode. Sensors and Actuators B: Chemical, 2015, 210, 259-266.	4.0	18
124	Effect of morphine, oxycodone and thebaine on resonance light scattering properties of human serum albumin: Investigation possibility of morphine determination in the presence of the two other drugs. Sensors and Actuators B: Chemical, 2016, 223, 379-383.	4.0	18
125	Micelle-mediated extraction and determination of tin in soft drink and water samples. Journal of the Brazilian Chemical Society, 2009, 20, 1535-1540.	0.6	17
126	Effectiveness of Ni0.5Zn0.5Fe2O4 for the removal and preconcentration of Cr(VI), Mo(VI), V(V) and W(VI) oxyanions from water and wastewater samples. Journal of the Iranian Chemical Society, 2015, 12, 2007-2013.	1.2	17

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127	Electrochemical Sensor for Dapsone Using Molecularly Imprinted Polypyrrole Membrane as a Recognition Element. Journal of the Electrochemical Society, 2015, 162, B109-B113.	1.3	17
128	ZnS quantum dots surface-loaded with zinc(II) ions as a viable fluorescent probe for glutathione. Mikrochimica Acta, 2019, 186, 205.	2.5	17
129	Kinetic-spectrophotometric determination of trace amounts of As(III) based on its inhibitory effect on the redox reaction between bromate and hydrochloric acid. Talanta, 2001, 55, 55-60.	2.9	16
130	Simultaneous spectrophotometric determination of binary mixtures of surfactants using continuous wavelet transformation. Journal of Hazardous Materials, 2009, 166, 770-775.	6.5	16
131	Micelle mediated extraction and simultaneous spectrophotometric determination of vanadium(V) and molybdenum(VI) in plant foodstuff samples. Food Chemistry, 2011, 127, 769-773.	4.2	16
132	Enhanced electrochemical responses at supramolecularly modified graphene: Simultaneous determination of sulphasalazine and its metabolite 5-aminosalicylic acid. Journal of Electroanalytical Chemistry, 2019, 838, 186-194.	1.9	16
133	Simultaneous Derivative Spectrophotometric Determination of Levodopa and Carbidopa in Pharmaceutical Preparations. Bulletin of the Korean Chemical Society, 2004, 25, 1764-1768.	1.0	16
134	Wearable Potentiometric Sensor Based on Na_{0.44}MnO₂ for Non-invasive Monitoring of Sodium Ions in Sweat. Analytical Chemistry, 2022, 94, 2263-2270.	3.2	16
135	Competitive lithium-7 NMR study of the complexation of some alkaline earth and transition metal ions with 18-crown-6 in acetonitrile and its 50:50 mixtures with nitrobenzene and nitroethane. Polyhedron, 2000, 19, 1681-1685.	1.0	15
136	Simultaneous Spectrophotometric Determination of Levodopa and Carbidopa in Pharmaceutical Formulations and Water Samples by Using Mean Centering of Ratio Spectra and H-Point Standard Addition Methods. Chemical and Pharmaceutical Bulletin, 2007, 55, 865-870.	0.6	15
137	A simple cyanide sensing probe based on Ag/Fe₃O₄nanoparticles. RSC Advances, 2015, 5, 15886-15891.	1.7	15
138	Maghemite-Nanoparticles Enhanced Effects in Electrochemical Determination of Dipyridamole Utilizing Simultaneous Statistical Based Experimental Design Optimization. Journal of the Electrochemical Society, 2013, 160, H775-H781.	1.3	14
139	Solid phase extraction and spectrofluorometric determination of leached bisphenol A from some polycarbonate products under simulated use conditions using surface molecularly imprinted magnetite nanospheres. Analytical Methods, 2015, 7, 6299-6306.	1.3	14
140	A label-free electrochemical biosensor based on tubulin immobilized on gold nanoparticle/glassy carbon electrode for the determination of vinblastine. Analytical and Bioanalytical Chemistry, 2017, 409, 5269-5278.	1.9	14
141	Reduced graphene oxide as an efficient sorbent in microextraction by packed sorbent: Determination of local anesthetics in human plasma and saliva samples utilizing liquid chromatography-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 177-182.	1.2	14
142	Absorbance-based Spectroelectrochemical Sensor for Determination of Ampyra Based on Electrochemical Preconcentration. Sensors and Actuators B: Chemical, 2020, 324, 128723.	4.0	14
143	COMPETITIVE NMR STUDY OF THE COMPLEXATION OF SOME ALKALINE EARTH AND TRANSITION METAL IONS WITH 12-CROWN-4, 15-CROWN-5 AND BENZO-15-CROWN-5 IN ACETONITRILE SOLUTION USING THE LITHIUM-7 NUCLEUS AS A PROBE. Journal of Coordination Chemistry, 2000, 52, 139-149.	0.8	13
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