

# Abbas Afkhami

## List of Publications by Year in descending order

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Version: 2024-02-01

354  
papers

14,765  
citations

17405

63  
h-index

32761

100  
g-index

361  
all docs

361  
docs citations

361  
times ranked

13244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorptive removal of Congo red, a carcinogenic textile dye, from aqueous solutions by maghemite nanoparticles. <i>Journal of Hazardous Materials</i> , 2010, 174, 398-403.	6.5	565
2	Handling of Rayleigh and Raman scatter for PARAFAC modeling of fluorescence data using interpolation. <i>Journal of Chemometrics</i> , 2006, 20, 99-105.	0.7	434
3	Simultaneous removal of heavy-metal ions in wastewater samples using nano-alumina modified with 2,4-dinitrophenylhydrazine. <i>Journal of Hazardous Materials</i> , 2010, 181, 836-844.	6.5	430
4	Removal of some cationic dyes from aqueous solutions using magnetic-modified multi-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2011, 196, 109-114.	6.5	339
5	Preparation and characterization of magnetic nanocomposite of Schiff base/silica/magnetite as a preconcentration phase for the trace determination of heavy metal ions in water, food and biological samples using atomic absorption spectrometry. <i>Talanta</i> , 2012, 97, 87-95.	2.9	312
6	Electrochemical biosensors for the detection of lung cancer biomarkers: A review. <i>Talanta</i> , 2020, 206, 120251.	2.9	225
7	HEAVY METALS REMOVAL FROM AQUEOUS SOLUTIONS USING TiO <sub>2</sub> , MgO, AND Al <sub>2</sub> O <sub>3</sub> NANOPARTICLES. <i>Chemical Engineering Communications</i> , 2013, 200, 448-470.	1.5	207
8	Modified maghemite nanoparticles as an efficient adsorbent for removing some cationic dyes from aqueous solution. <i>Desalination</i> , 2010, 263, 240-248.	4.0	185
9	Surface decoration of multi-walled carbon nanotubes modified carbon paste electrode with gold nanoparticles for electro-oxidation and sensitive determination of nitrite. <i>Biosensors and Bioelectronics</i> , 2014, 51, 379-385.	5.3	178
10	Simultaneous determination of tyrosine, acetaminophen and ascorbic acid using gold nanoparticles/multiwalled carbon nanotube/glassy carbon electrode by differential pulse voltammetric method. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 451-460.	4.0	170
11	Removal of heavy metals from aqueous solutions using Fe <sub>3</sub> O <sub>4</sub> , ZnO, and CuO nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	163
12	Adsorption and kinetic studies of seven different organic dyes onto magnetite nanoparticles loaded tea waste and removal of them from wastewater samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 99, 102-109.	2.0	158
13	Simultaneous electrochemical determination of heavy metals using a triphenylphosphine/MWCNTs composite carbon ionic liquid electrode. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 451-460.	4.0	158
14	Betulin and its derivatives as novel compounds with different pharmacological effects. <i>Biotechnology Advances</i> , 2020, 38, 107409.	6.0	158
15	Mean centering of ratio spectra as a new spectrophotometric method for the analysis of binary and ternary mixtures. <i>Talanta</i> , 2005, 66, 712-720.	2.9	147
16	Removal, preconcentration and determination of Mo(VI) from water and wastewater samples using maghemite nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 346, 52-57.	2.3	147
17	Simultaneous electrochemical sensing of thallium, lead and mercury using a novel ionic liquid/graphene modified electrode. <i>Analytica Chimica Acta</i> , 2015, 870, 56-66.	2.6	144
18	Fabrication and application of a new modified electrochemical sensor using nano-silica and a newly synthesized Schiff base for simultaneous determination of Cd <sup>2+</sup> , Cu <sup>2+</sup> and Hg <sup>2+</sup> ions in water and some foodstuff samples. <i>Analytica Chimica Acta</i> , 2013, 771, 21-30.	2.6	137

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19	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. <i>Talanta</i> , 2010, 82, 785-789.	2.9	129
20	Preparation of NiFe <sub>2</sub> O <sub>4</sub> /graphene nanocomposite and its application as a modifier for the fabrication of an electrochemical sensor for the simultaneous determination of tramadol and acetaminophen. <i>Analytica Chimica Acta</i> , 2014, 831, 50-59.	2.6	127
21	Simultaneous trace-levels determination of Hg(II) and Pb(II) ions in various samples using a modified carbon paste electrode based on multi-walled carbon nanotubes and a new synthesized Schiff base. <i>Analytica Chimica Acta</i> , 2012, 746, 98-106.	2.6	123
22	Synthesis of calcium peroxide nanoparticles as an innovative reagent for in situ chemical oxidation. <i>Journal of Hazardous Materials</i> , 2011, 192, 1437-1440.	6.5	121
23	The effect of acid treatment of carbon cloth on the adsorption of nitrite and nitrate ions. <i>Journal of Hazardous Materials</i> , 2007, 144, 427-431.	6.5	119
24	Facile simultaneous electrochemical determination of codeine and acetaminophen in pharmaceutical samples and biological fluids by graphene-CoFe <sub>2</sub> O <sub>4</sub> nanocomposite modified carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 909-918.	4.0	119
25	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. <i>Biosensors and Bioelectronics</i> , 2013, 44, 34-40.	5.3	117
26	Investigation of Removal of Cr(VI), Mo(VI), W(VI), V(IV), and V(V) Oxy-ions from Industrial Waste-Waters by Adsorption and Electrosorption at High-Area Carbon Cloth. <i>Journal of Colloid and Interface Science</i> , 2002, 251, 248-255.	5.0	116
27	Gold nanoparticle/multi-walled carbon nanotube modified glassy carbon electrode as a sensitive voltammetric sensor for the determination of diclofenac sodium. <i>Materials Science and Engineering C</i> , 2016, 59, 168-176.	3.8	115
28	An overview to electrochemical biosensors and sensors for the detection of environmental contaminants. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 2429-2447.	1.2	112
29	Impedimetric immunosensor for the label-free and direct detection of botulinum neurotoxin serotype A using Au nanoparticles/graphene-chitosan composite. <i>Biosensors and Bioelectronics</i> , 2017, 93, 124-131.	5.3	106
30	Dual-modality impedimetric immunosensor for early detection of prostate-specific antigen and myoglobin markers based on antibody-molecularly imprinted polymer. <i>Talanta</i> , 2019, 202, 111-122.	2.9	106
31	Construction of a chemically modified electrode for the selective determination of nitrite and nitrate ions based on a new nanocomposite. <i>Electrochimica Acta</i> , 2012, 66, 255-264.	2.6	98
32	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. <i>Electrochimica Acta</i> , 2013, 89, 377-386.	2.6	98
33	Application of Modified Silica Coated Magnetite Nanoparticles for Removal of Iodine from Water Samples. <i>Nano-Micro Letters</i> , 2012, 4, 57-63.	14.4	97
34	Construction of a modified carbon paste electrode for the highly selective simultaneous electrochemical determination of trace amounts of mercury(II) and cadmium(II). <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 542-548.	4.0	97
35	Protein capped Cu nanoclusters-SWCNT nanocomposite as a novel candidate of high performance platform for organophosphates enzymeless biosensor. <i>Biosensors and Bioelectronics</i> , 2017, 89, 829-836.	5.3	95
36	Mean centering of ratio kinetic profiles as a novel spectrophotometric method for the simultaneous kinetic analysis of binary mixtures. <i>Analytica Chimica Acta</i> , 2004, 526, 211-218.	2.6	93

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37	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. <i>Journal of Hazardous Materials</i> , 2006, 138, 269-272.	6.5	93
38	Development of a cost-effective technique to remove the arsenic contamination from aqueous solutions by calcium peroxide nanoparticles. <i>Separation and Purification Technology</i> , 2012, 95, 10-15.	3.9	89
39	High-performance electrochemical enzyme sensor for organophosphate pesticide detection using modified metal-organic framework sensing platforms. <i>Bioelectrochemistry</i> , 2019, 130, 107348.	2.4	89
40	Spectrophotometric determination of trace amounts of uranium(VI) in water samples after mixed micelle-mediated extraction. <i>Talanta</i> , 2007, 71, 610-614.	2.9	88
41	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. <i>Analytica Chimica Acta</i> , 2018, 1030, 183-193.	2.6	86
42	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. <i>Mikrochimica Acta</i> , 2011, 172, 125-136.	2.5	85
43	Salicylic acid functionalized silica-coated magnetite nanoparticles for solid phase extraction and preconcentration of some heavy metal ions from various real samples. <i>Chemistry Central Journal</i> , 2011, 5, 41.	2.6	85
44	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. <i>Analyst</i> , 2013, 138, 4542.	1.7	84
45	Simultaneous and sensitive determination of melatonin and dopamine with Fe <sub>3</sub> O <sub>4</sub> nanoparticle-decorated reduced graphene oxide modified electrode. <i>RSC Advances</i> , 2015, 5, 21659-21669.	1.7	84
46	Development of a molecularly imprinted polymer tailored on disposable screen-printed electrodes for dual detection of EGFR and VEGF using nano-liposomal amplification strategy. <i>Biosensors and Bioelectronics</i> , 2018, 107, 26-33.	5.3	83
47	New nano-composite potentiometric sensor composed of graphene nanosheets/thionine/molecular wire for nanomolar detection of silver ion in various real samples. <i>Talanta</i> , 2015, 131, 548-555.	2.9	82
48	Separation, preconcentration and determination of silver ion from water samples using silica gel modified with 2,4,6-trimorpholino-1,3,5-triazin. <i>Journal of Hazardous Materials</i> , 2006, 128, 67-72.	6.5	78
49	New Schiff base-carbon nanotube-nanosilica-ionic liquid as a high performance sensing material of a potentiometric sensor for nanomolar determination of cerium(III) ions. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 237-244.	4.0	78
50	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. <i>Analytica Chimica Acta</i> , 2017, 996, 10-19.	2.6	78
51	A new nano-composite potentiometric sensor containing an Hg <sup>2+</sup> -ion imprinted polymer for the trace determination of mercury ions in different matrices. <i>Journal of Molecular Liquids</i> , 2015, 204, 227-235.	2.3	77
52	Sensitive and simple simultaneous determination of morphine and codeine using a Zn <sub>2</sub> SnO <sub>4</sub> nanoparticle/graphene composite modified electrochemical sensor. <i>New Journal of Chemistry</i> , 2016, 40, 7102-7112.	1.4	74
53	Superparamagnetic surface molecularly imprinted nanoparticles for sensitive solid-phase extraction of tramadol from urine samples. <i>Talanta</i> , 2013, 105, 255-261.	2.9	73
54	Micelle-mediated extraction for the spectrophotometric determination of nitrite in water and biological samples based on its reaction with p-nitroaniline in the presence of diphenylamine. <i>Analytical Biochemistry</i> , 2005, 336, 295-299.	1.1	71

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55	Enhanced Visual Wireless Electrochemiluminescence Immunosensing of Prostate-Specific Antigen Based on the Luminol Loaded into MIL-53(Fe)-NH <sub>2</sub> Accelerator and Hydrogen Evolution Reaction Mediation. <i>Analytical Chemistry</i> , 2019, 91, 6383-6390.	3.2	71
56	Facile stripping voltammetric determination of haloperidol using a high performance magnetite/carbon nanotube paste electrode in pharmaceutical and biological samples. <i>Materials Science and Engineering C</i> , 2014, 37, 264-270.	3.8	70
57	Construction of a carbon ionic liquid paste electrode based on multi-walled carbon nanotubes-synthesized Schiff base composite for trace electrochemical detection of cadmium. <i>Materials Science and Engineering C</i> , 2014, 35, 8-14.	3.8	70
58	Heavy metals removal from aqueous solutions by Al <sub>2</sub> O <sub>3</sub> nanoparticles modified with natural and chemical modifiers. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 85-102.	2.1	70
59	Modified 3D Graphene-Au as a Novel Sensing Layer for Direct and Sensitive Electrochemical Determination of Carbaryl Pesticide in Fruit, Vegetable, and Water Samples. <i>Food Analytical Methods</i> , 2018, 11, 3005-3014.	1.3	70
60	Magnetic nickel zinc ferrite nanocomposite as an efficient adsorbent for the removal of organic dyes from aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 920-924.	2.9	68
61	Indirect Kinetic Spectrophotometric Determination of Resorcinol, Catechol, and Hydroquinone. <i>Journal of Analytical Chemistry</i> , 2001, 56, 429-432.	0.4	67
62	Effect of the impregnation of carbon cloth with ethylenediaminetetraacetic acid on its adsorption capacity for the adsorption of several metal ions. <i>Journal of Hazardous Materials</i> , 2008, 150, 408-412.	6.5	67
63	Reduced graphene oxide decorated on Cu/CuO-Ag nanocomposite as a high-performance material for the construction of a non-enzymatic sensor: Application to the determination of carbaryl and fenamiphos pesticides. <i>Materials Science and Engineering C</i> , 2019, 102, 764-772.	3.8	66
64	In Situ Growth of Metal-Organic Framework HKUST-1 on Graphene Oxide Nanoribbons with High Electrochemical Sensing Performance in Imatinib Determination. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4859-4869.	4.0	64
65	Turn-off fluorescence of amino-functionalized carbon quantum dots as effective fluorescent probes for determination of isotretinoin. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 428-435.	4.0	61
66	Successive ratio-derivative spectra as a new spectrophotometric method for the analysis of ternary mixtures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 869-877.	2.0	60
67	Gold nanoparticles modified carbon paste electrode as an efficient electrochemical sensor for rapid and sensitive determination of cefixime in urine and pharmaceutical samples. <i>Electrochimica Acta</i> , 2013, 103, 125-133.	2.6	60
68	New synthetic mercaptoethylamino homopolymer-modified maghemite nanoparticles for effective removal of some heavy metal ions from aqueous solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 1160-1166.	2.9	60
69	Voltammetric determination of 4-nitrophenol using a glassy carbon electrode modified with a gold-ZnO-SiO <sub>2</sub> nanostructure. <i>Mikrochimica Acta</i> , 2018, 185, 296.	2.5	60
70	Protein templated Au-Pt nanoclusters-graphene nanoribbons as a high performance sensing layer for the electrochemical determination of diazinon. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 180-189.	4.0	60
71	Alumina nanoparticles grafted with functional groups as a new adsorbent in efficient removal of formaldehyde from water samples. <i>Desalination</i> , 2011, 281, 151-158.	4.0	59
72	A novel spectrophotometric method for the simultaneous kinetic analysis of ternary mixtures by mean centering of ratio kinetic profiles. <i>Talanta</i> , 2006, 68, 1148-1155.	2.9	58

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73	A novel cyanide sensing phase based on immobilization of methyl violet on a triacetylcellulose membrane. <i>Sensors and Actuators B: Chemical</i> , 2007, 122, 437-441.	4.0	58
74	Chemically modified alumina nanoparticles for selective solid phase extraction and preconcentration of trace amounts of Cd(II). <i>Mikrochimica Acta</i> , 2011, 175, 69-77.	2.5	58
75	Surface decoration of cadmium-sulfide quantum dots with 3-mercaptopropionic acid as a fluorescence probe for determination of ciprofloxacin in real samples. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 14-21.	4.0	58
76	Polyethylenimine@Fe <sub>3</sub> O <sub>4</sub> @carbon nanotubes nanocomposite as a modifier in glassy carbon electrode for sensitive determination of ciprofloxacin in biological samples. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 281-289.	1.9	58
77	Kinetic study of the oxidation of some catecholamines by digital simulation of cyclic voltammograms. <i>International Journal of Chemical Kinetics</i> , 2005, 37, 17-24.	1.0	57
78	Mo(VI) and W(VI) removal from water samples by acid-treated high area carbon cloth. <i>Desalination</i> , 2009, 243, 258-264.	4.0	56
79	A novel sensor for sensitive determination of atropine based on a Co <sub>3</sub> O <sub>4</sub> -reduced graphene oxide modified carbon paste electrode. <i>New Journal of Chemistry</i> , 2015, 39, 3875-3881.	1.4	56
80	Simultaneous spectrophotometric determination of hydrazine and phenylhydrazine based on their condensation reactions with different aromatic aldehydes in micellar media using H-point standard addition method. <i>Talanta</i> , 2004, 62, 559-565.	2.9	54
81	Second-order advantage applied to simultaneous spectrofluorimetric determination of paracetamol and mefenamic acid in urine samples. <i>Analytica Chimica Acta</i> , 2009, 645, 25-29.	2.6	54
82	A Potentiometric Sensor for Cd <sup>2+</sup> Based on Carbon Nanotube Paste Electrode Constructed from Room Temperature Ionic Liquid, Ionophore and Silica Nanoparticles. <i>Electroanalysis</i> , 2012, 24, 2176-2185.	1.5	54
83	A novel platform based on graphene nanoribbons/protein capped Au-Cu bimetallic nanoclusters: Application to the sensitive electrochemical determination of bisphenol A. <i>Microchemical Journal</i> , 2019, 145, 242-251.	2.3	54
84	Simultaneous determination of Co <sup>2+</sup> , Ni <sup>2+</sup> , Cu <sup>2+</sup> and Zn <sup>2+</sup> ions in foodstuffs and vegetables with a new Schiff base using artificial neural networks. <i>Talanta</i> , 2009, 77, 995-1001.	2.9	53
85	Spectroscopic and molecular docking techniques study of the interaction between oxymetholone and human serum albumin. <i>Journal of Luminescence</i> , 2014, 155, 218-225.	1.5	50
86	The principles of bipolar electrochemistry and its electroanalysis applications. <i>Current Opinion in Electrochemistry</i> , 2019, 17, 30-37.	2.5	50
87	Lab in a Tube: Point-of-Care Detection of <i>Escherichia coli</i> . <i>Analytical Chemistry</i> , 2020, 92, 4209-4216.	3.2	50
88	Spectrophotometric Determination of Periodate, Iodate and Bromate Mixtures Based on Their Reaction with Iodide.. <i>Analytical Sciences</i> , 2001, 17, 1199-1202.	0.8	49
89	Simultaneous spectrofluorimetric determination of levodopa and propranolol in urine using feed-forward neural networks assisted by principal component analysis. <i>Talanta</i> , 2009, 78, 1051-1055.	2.9	49
90	Novel potentiometric sensor for the determination of Cd <sup>2+</sup> based on a new nano-composite. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 578-591.	1.8	49

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91	Simple in situ functionalizing magnetite nanoparticles by reactive blue-19 and their application to the effective removal of Pb <sup>2+</sup> ions from water samples. <i>Chemosphere</i> , 2013, 90, 542-547.	4.2	49
92	Construction a magneto carbon paste electrode using synthesized molecularly imprinted magnetic nanospheres for selective and sensitive determination of mefenamic acid in some real samples. <i>Biosensors and Bioelectronics</i> , 2015, 68, 712-718.	5.3	49
93	Adsorption and electrosorption of nitrate and nitrite on high-area carbon cloth: an approach to purification of water and waste-water samples. <i>Carbon</i> , 2003, 41, 1320-1322.	5.4	48
94	Spectrophotometric determination of beryllium in water samples after micelle-mediated extraction preconcentration. <i>Talanta</i> , 2007, 71, 1103-1109.	2.9	48
95	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. <i>Analytical Chemistry</i> , 2020, 92, 11405-11412.	3.2	48
96	Simultaneous kinetic spectrophotometric determination of cyanide and thiocyanate using the partial least squares (PLS) regression. <i>Talanta</i> , 2007, 71, 893-899.	2.9	47
97	Electrochemical determination of levodopa in the presence of ascorbic acid by polyglycine/ZnO nanoparticles/multi-walled carbon nanotubes-modified carbon paste electrode. <i>Ionics</i> , 2015, 21, 2937-2947.	1.2	47
98	Solid phase extraction of doxorubicin using molecularly imprinted polymer coated magnetite nanospheres prior to its spectrofluorometric determination. <i>New Journal of Chemistry</i> , 2015, 39, 163-171.	1.4	47
99	Micelle-mediated extraction for simultaneous spectrophotometric determination of aluminum and beryllium using mean centering of ratio spectra. <i>Talanta</i> , 2007, 72, 408-414.	2.9	46
100	Kinetic spectrophotometric determination of selenium in natural water after preconcentration of elemental selenium on activated carbon. <i>Talanta</i> , 2002, 58, 311-317.	2.9	45
101	Effect of treatment of carbon cloth with sodium hydroxide solution on its adsorption capacity for the adsorption of some cations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 304, 36-40.	2.3	45
102	Simultaneous determination of calcium, magnesium and zinc in different foodstuffs and pharmaceutical samples with continuous wavelet transforms. <i>Food Chemistry</i> , 2008, 109, 660-669.	4.2	45
103	Synthesis of gold nanoparticles using pH-sensitive hydrogel and its application for colorimetric determination of acetaminophen, ascorbic acid and folic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 517-524.	2.3	45
104	Molecularly imprinted polymer coated magnetite nanoparticles as an efficient mefenamic acid resonance light scattering nanosensor. <i>Analytica Chimica Acta</i> , 2014, 852, 250-256.	2.6	45
105	A new nano-composite modified carbon paste electrode as a high performance potentiometric sensor for nanomolar Ti(II) determination. <i>Journal of Molecular Liquids</i> , 2014, 197, 52-57.	2.3	45
106	Fabrication of a novel electrochemical sensing platform based on a core-shell nano-structured/molecularly imprinted polymer for sensitive and selective determination of ephedrine. <i>RSC Advances</i> , 2016, 6, 51135-51145.	1.7	45
107	Indirect Kinetic Spectrophotometric Determination of Hydroxylamine Based on Its Reaction with Iodate. <i>Analytical Sciences</i> , 2006, 22, 329-331.	0.8	44
108	A novel electrochemical sensor based on magneto Au nanoparticles/carbon paste electrode for voltammetric determination of acetaminophen in real samples. <i>Materials Science and Engineering C</i> , 2015, 57, 205-214.	3.8	44

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109	Gold nanoparticles deposited on fluorine-doped tin oxide surface as an effective platform for fabricating a highly sensitive and specific digoxin aptasensor. <i>RSC Advances</i> , 2015, 5, 58491-58498.	1.7	44
110	Electrochemically oxidized multiwalled carbon nanotube/glassy carbon electrode as a probe for simultaneous determination of dopamine and doxorubicin in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2577-2586.	1.9	43
111	New portable smartphone-based PDMS microfluidic kit for the simultaneous colorimetric detection of arsenic and mercury. <i>RSC Advances</i> , 2018, 8, 27091-27100.	1.7	43
112	Adsorption of some cationic and anionic dyes on magnetite nanoparticles-modified activated carbon from aqueous solutions: equilibrium and kinetics study. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 481-489.	1.2	42
113	A novel electrochemical sensor based on magneto LDH/Fe <sub>3</sub> O <sub>4</sub> nanoparticles @ glassy carbon electrode for voltammetric determination of tramadol in real samples. <i>Ionics</i> , 2017, 23, 1005-1015.	1.2	42
114	Graphene nanoribbon/FePt bimetallic nanoparticles/uric acid as a novel magnetic sensing layer of screen printed electrode for sensitive determination of ampyra. <i>Talanta</i> , 2018, 176, 350-359.	2.9	42
115	Highly selective determination of trace quantities of mercury in water samples after preconcentration by the cloud-point extraction method. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 1165-1173.	1.8	41
116	Synthesis of antibacterial and magnetic nanocomposites by decorating graphene oxide surface with metal nanoparticles. <i>RSC Advances</i> , 2015, 5, 76442-76450.	1.7	41
117	A new chiral electrochemical sensor for the enantioselective recognition of naproxen enantiomers using $\alpha$ -cysteine self-assembled over gold nanoparticles on a gold electrode. <i>RSC Advances</i> , 2015, 5, 58609-58615.	1.7	40
118	Solid phase extraction of amoxicillin using dibenzo-18-crown-6 modified magnetic-multiwalled carbon nanotubes prior to its spectrophotometric determination. <i>Talanta</i> , 2016, 148, 122-128.	2.9	40
119	A novel and high performance enzyme-less sensing layer for electrochemical detection of methyl parathion based on BSA templated Au@Ag bimetallic nanoclusters. <i>New Journal of Chemistry</i> , 2018, 42, 7213-7222.	1.4	40
120	An efficient electrochemical synthesis of diamino-o-benzoquinone: Mechanistic and kinetic evaluation of the reaction of azide ion with o-benzoquinone. <i>Chemical Communications</i> , 2007, , 162-164.	2.2	37
121	An electrochemical sensor for rizatriptan benzoate determination using Fe <sub>3</sub> O <sub>4</sub> nanoparticle/multiwall carbon nanotube-modified glassy carbon electrode in real samples. <i>Materials Science and Engineering C</i> , 2016, 63, 637-643.	3.8	37
122	Spectrophotometric determination of trace amounts of selenium with catalytic reduction of bromate by hydrazine in hydrochloric acid media. <i>Talanta</i> , 1992, 39, 993-996.	2.9	36
123	Solid phase extraction flame atomic absorption spectrometric determination of ultra-trace beryllium. <i>Analytica Chimica Acta</i> , 2001, 437, 17-22.	2.6	36
124	Simultaneous spectrophotometric determination of iodate and bromate in water samples by the method of mean centering of ratio kinetic profiles. <i>Journal of Hazardous Materials</i> , 2005, 123, 250-255.	6.5	36
125	Application of nickel zinc ferrite/graphene nanocomposite as a modifier for fabrication of a sensitive electrochemical sensor for determination of omeprazole in real samples. <i>Journal of Colloid and Interface Science</i> , 2017, 495, 1-8.	5.0	36
126	Application of magnetic nanomaterials in electroanalytical methods: A review. <i>Talanta</i> , 2021, 225, 121974.	2.9	36



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127	Artificial neural networks for determination of enantiomeric composition of $\alpha$ -phenylglycine using UV spectra of cyclodextrin host-guest complexes. Comparison of feed-forward and radial basis function networks. <i>Talanta</i> , 2008, 75, 91-98.	2.9	35
128	Improvement in the performance of a $Pb^{2+}$ selective potentiometric sensor using modified core/shell $SiO_2/Fe_3O_4$ nano-structure. <i>Journal of Molecular Liquids</i> , 2014, 199, 108-114.	2.3	35
129	Highly fluorescent nitrogen-doped graphene quantum dots as a green, economical and facile sensor for the determination of sunitinib in real samples. <i>New Journal of Chemistry</i> , 2017, 41, 6875-6882.	1.4	35
130	Colorimetric immunosensor for determination of prostate specific antigen using surface plasmon resonance band of colloidal triangular shape gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117218.	2.0	35
131	A modified carbon paste electrode based on $Fe_3O_4$ @multi-walled carbon nanotubes@polyacrylonitrile nanofibers for determination of imatinib anticancer drug. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 281-294.	1.5	35
132	Synthesis of morpholinated and 8-hydroxyquinolinated silica gel and their application to water softening. <i>Green Chemistry</i> , 2002, 4, 611-614.	4.6	34
133	Spectrophotometric determination of hydroxylamine and nitrite in mixture in water and biological samples after micelle-mediated extraction. <i>Analytical Biochemistry</i> , 2005, 347, 162-164.	1.1	34
134	Cloud point extraction spectrophotometric determination of trace quantities of bismuth in urine. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 797-802.	0.6	34
135	Spectrophotometric determination of conditional acidity constant as a function of $\beta$ -cyclodextrin concentration for some organic acids using rank annihilation factor analysis. <i>Analytica Chimica Acta</i> , 2006, 569, 267-274.	2.6	34
136	Construction of novel sensitive electrochemical sensor for electro-oxidation and determination of citalopram based on zinc oxide nanoparticles and multi-walled carbon nanotubes. <i>Materials Science and Engineering C</i> , 2016, 59, 847-854.	3.8	34
137	Spectrophotometric determination of bismuth in water samples after preconcentration of its thiourea-bromide ternary complex on activated carbon. <i>Talanta</i> , 2003, 60, 831-838.	2.9	33
138	A sensitive electrochemical sensor for rapid determination of methadone in biological fluids using carbon paste electrode modified with gold nanofilm. <i>Talanta</i> , 2014, 128, 203-210.	2.9	33
139	Highly sensitive and selective determination of thiocyanate using gold nanoparticles surface decorated multi-walled carbon nanotubes modified carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 467-474.	4.0	33
140	$CoFe_2O_4$ nanoparticles modified carbon paste electrode for simultaneous detection of oxycodone and codeine in human plasma and urine. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 263-271.	4.0	33
141	Multiwalled carbon nanotube paste electrode as an easy, inexpensive and highly selective sensor for voltammetric determination of Risperidone. <i>Analytical Methods</i> , 2012, 4, 1415.	1.3	32
142	Synthesis of $\beta$ - $Fe_2O_3/TiO_2$ nanocomposite and its application in removal of dyes from water samples by adsorption and degradation processes. <i>RSC Advances</i> , 2014, 4, 44841-44847.	1.7	32
143	Construction of Modified Carbon Paste Electrode for Highly Sensitive Simultaneous Electrochemical Determination of Trace Amounts of Copper (II) and Cadmium (II). <i>Electroanalysis</i> , 2016, 28, 296-303.	1.5	32
144	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. <i>Journal of Luminescence</i> , 2018, 194, 768-777.	1.5	32

#	ARTICLE	IF	CITATIONS
145	Spectrophotometric determination of periodate and iodate by a differential kinetic method. <i>Talanta</i> , 2001, 53, 815-821.	2.9	31
146	Cloud Point Extraction Simultaneous Spectrophotometric Determination of Zn(II), Co(II) and Ni(II) in Water and Urine Samples by 1-(2-Pyridylazo)2-Naphthol Using Partial Least Squares Regression. <i>Mikrochimica Acta</i> , 2006, 155, 403-408.	2.5	31
147	A selective sensor for nanolevel detection of lead (II) in hazardous wastes using ionic-liquid/Schiff base/MWCNTs/nanosilica as a highly sensitive composite. <i>Ionics</i> , 2012, 18, 881-889.	1.2	31
148	Magnetic Nanomaterials in Microfluidic Sensors for Virus Detection: A Review. <i>ACS Applied Nano Materials</i> , 2021, 4, 4307-4328.	2.4	31
149	Preconcentration of trace amounts of formaldehyde from water, biological and food samples using an efficient nanosized solid phase, and its determination by a novel kinetic method. <i>Mikrochimica Acta</i> , 2012, 176, 217-227.	2.5	30
150	Preconcentration and spectrophotometric determination of oxymetholone in the presence of its main metabolite (mestanolone) using modified maghemite nanoparticles in urine sample. <i>Talanta</i> , 2013, 115, 468-473.	2.9	30
151	Spectrofluorometric determination of venlafaxine in biological samples after selective extraction on the superparamagnetic surface molecularly imprinted nanoparticles. <i>Analytical Methods</i> , 2015, 7, 428-435.	1.3	30
152	Determination of urinary trans,trans-muconic acid using molecularly imprinted polymer in microextraction by packed sorbent followed by liquid chromatography with ultraviolet detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 65-71.	1.2	30
153	Fabrication of a novel impedimetric sensor based on L-Cysteine/Cu(II) modified gold electrode for sensitive determination of ampyra. <i>Analytica Chimica Acta</i> , 2017, 984, 185-192.	2.6	30
154	Nuclear magnetic resonance studies of sodium ion complexes with several crown ethers in binary acetonitrile-dimethylsulfoxide mixtures. <i>Polyhedron</i> , 1996, 15, 1989-1994.	1.0	29
155	Kinetic spectrophotometric determination of hydrazine by the inhibition of the bromate hydrochloric acid reaction. <i>Analytica Chimica Acta</i> , 2000, 419, 101-106.	2.6	29
156	Micelle-mediated extraction and spectrophotometric determination of ammonia in water samples utilizing indophenol dye formation. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1546-1552.	0.6	29
157	Novel sensor fabrication for the determination of nanomolar concentrations of Ce <sup>3+</sup> in aqueous solutions. <i>Analytical Methods</i> , 2012, 4, 1753.	1.3	29
158	Construction and Application of an Electrochemical Sensor for Simultaneous Determination of Cd(II), Cu(II) and Hg(II) in Water and Foodstuff Samples. <i>Electroanalysis</i> , 2014, 26, 786-795.	1.5	29
159	Modified ZnO nanoparticles with new modifiers for the removal of heavy metals in water. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 1645-1661.	2.1	29
160	Cascade electrochemiluminescence-based integrated graphitic carbon nitride-encapsulated metal-organic framework nanozyme for prostate-specific antigen biosensing. <i>Sensors and Actuators B: Chemical</i> , 2021, 348, 130658.	4.0	29
161	Lithium-7 NMR study of the exchange kinetics of the lithium ion with cryptand C221 in methanol solution. Temperature dependence of the exchange mechanism. <i>Polyhedron</i> , 1998, 17, 3809-3815.	1.0	27
162	NMR STUDY OF EXCHANGE KINETICS OF THE LITHIUM ION WITH CRYPTAND C222 IN BINARY ACETONITRILE-NITROMETHANE MIXTURES. <i>Journal of Coordination Chemistry</i> , 1998, 44, 23-32.	0.8	27

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163	Indirect Determination of Sulfide by Cold Vapor Atomic Absorption Spectrometry. <i>Mikrochimica Acta</i> , 2005, 150, 43-46.	2.5	27
164	Spectrophotometric determination of catecholamines based on their oxidation reaction followed by coupling with 4-aminobenzoic acid. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1259-1265.	0.6	27
165	Efficient solid phase extraction of codeine from human urine samples using a novel magnetic molecularly imprinted nanoadsorbent and its spectrofluorometric determination. <i>New Journal of Chemistry</i> , 2016, 40, 122-129.	1.4	27
166	Sensitive Spectrophotometric Determination of Formaldehyde by Inhibition of the Malachite Greenâ€™Sulfite Reaction. <i>Microchemical Journal</i> , 1999, 63, 243-249.	2.3	26
167	Simultaneous kinetic-spectrophotometric determination of periodateâ€™bromate and iodateâ€™bromate mixtures using the H-point standard addition method. <i>Talanta</i> , 2003, 60, 63-71.	2.9	26
168	Investigation of the electro-oxidation and oxidation of catechol in the presence of sulfanilic acid. <i>Research on Chemical Intermediates</i> , 2004, 30, 299-309.	1.3	26
169	Partial least-squares regression for the simultaneous determination of aluminum and beryllium in geochemical samples using xylenol orange. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 2988-2994.	2.0	26
170	Improvement in performance of a hyoscine butylbromide potentiometric sensor using a new nanocomposite carbon paste: a comparison study with polymeric membrane sensor. <i>Ionics</i> , 2014, 20, 1145-1154.	1.2	26
171	Simultaneous determination of mycophenolate mofetil and its active metabolite, mycophenolic acid, by differential pulse voltammetry using multi-walled carbon nanotubes modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2014, 42, 38-45.	3.8	26
172	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. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 243-251.	1.2	26
173	Electrochemical sensor based on gold nanoparticle-multiwall carbon nanotube nanocomposite for the sensitive determination of docetaxel as an anticancer drug. <i>Ionics</i> , 2018, 24, 3209-3219.	1.2	26
174	Selective determination of mandelic acid in urine using molecularly imprinted polymer in microextraction by packed sorbent. <i>Archives of Toxicology</i> , 2018, 92, 213-222.	1.9	26
175	Phase distribution and risk assessment of PAHs in ambient air of Hamadan, Iran. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111807.	2.9	26
176	Magnetic solid phase extraction of rizatriptan in human urine samples prior to its spectrofluorimetric determination. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 1225-1233.	4.0	25
177	Cloud point extraction for the spectrophotometric determination of phosphorus(V) in water samples. <i>Journal of Hazardous Materials</i> , 2009, 167, 752-755.	6.5	24
178	Chiral magnetic nanospheres resonance light scattering properties studies for selective determination of naproxen and phenylglycine enantiomers. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 439-445.	4.0	24
179	Selective extraction and sensitive determination of mercury (II) ions by flame atomic absorption spectrometry after preconcentration on an ion-imprinted polymer-coated maghemite nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1235-1243.	1.2	24
180	Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanocomposite modified carbon paste electrode for highly sensitive and selective simultaneous electrochemical determination of trace amounts of mercury (II) and cadmium (II). <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 257-265.	1.2	24

#	ARTICLE	IF	CITATIONS
181	Selective and Sensitive Electrochemical Determination of Trace Amounts of Mercury Ion in Some Real Samples Using an Ion Imprinted Polymer Nano-Modifier. <i>Journal of the Electrochemical Society</i> , 2016, 163, B68-B75.	1.3	24
182	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. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 251, 114452.	1.7	24
183	Spectrophotometric catalytic determination of ultra-trace amounts of selenium based on the reduction of resazurin by sulphide. <i>Analytica Chimica Acta</i> , 1990, 232, 351-356.	2.6	23
184	H-point standard addition method for simultaneous spectrophotometric determination of Co(II) and Ni(II) by 1-(2-pyridylazo)2-naphthol in micellar media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 181-186.	2.0	23
185	Fabrication of a Novel Highly Sensitive and Selective Immunosensor for Botulinum Neurotoxin Serotype A Based on an Effective Platform of Electrosynthesized Gold Nanodendrites/Chitosan Nanoparticles. <i>Sensors</i> , 2017, 17, 1074.	2.1	23
186	Design and Application of a Non-enzymatic Sensor Based on Metal-organic Frameworks for the Simultaneous Determination of Carbofuran and Carbaryl in Fruits and Vegetables. <i>Electroanalysis</i> , 2019, 31, 2455-2465.	1.5	23
187	Spectrophotometric Determination of Nitrite Based on Its Reaction with p-Nitroaniline in the Presence of Diphenylamine in Micellar Media. <i>Bulletin of the Korean Chemical Society</i> , 2004, 25, 1009-1011.	1.0	23
188	Investigation of the electrochemical behavior of some catecholamines in the presence of 4-aminobenzoic acid. <i>Electrochimica Acta</i> , 2005, 50, 5633-5640.	2.6	22
189	Simultaneous spectrophotometric determination of Sn(II) and Sn(IV) by mean centering of ratio kinetic profiles and partial least squares methods. <i>Talanta</i> , 2007, 72, 1847-1852.	2.9	22
190	Spectrophotometric investigation of the effect of $\beta$ -cyclodextrin on the intramolecular cyclization reaction of catecholamines using rank annihilation factor analysis. <i>Analytica Chimica Acta</i> , 2007, 599, 241-248.	2.6	22
191	Spectrophotometric determination of acidity and tautomeric constants and hydrogen bonding strength for a new Schiff base using hard modeling and multivariate curve resolution alternative least squares methods. <i>Analytica Chimica Acta</i> , 2009, 634, 180-185.	2.6	22
192	Application of polyacrylonitrile nanofibers decorated with magnetic carbon dots as a resonance light scattering sensor to determine famotidine. <i>Talanta</i> , 2018, 181, 286-295.	2.9	22
193	Lithium-7 and sodium-23 nmr studies of complexation of Li <sup>+</sup> and Na <sup>+</sup> ions with 1,10-phenanthroline, 2,2'-bipyridine and 8-hydroxyquinoline in some non-aqueous solutions. <i>Polyhedron</i> , 1996, 15, 3647-3652.	1.0	21
194	Application of continuous wavelet transformation to the simultaneous kinetic determination of binary mixtures. <i>Talanta</i> , 2009, 78, 424-431.	2.9	21
195	Electro-oxidation and voltammetric determination of oxymetholone in the presence of mestanolone using glassy carbon electrode modified with carbon nanotubes. <i>Talanta</i> , 2014, 121, 1-8.	2.9	21
196	Preconcentration and spectrofluorometric determination of l-tryptophan in the presence of d-tryptophan using a chiral magnetic nanoselector. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 681-687.	4.0	20
197	Reducing leachability and bioavailability of soil heavy metals using modified and bare Al <sub>2</sub> O <sub>3</sub> and ZnO nanoparticles. <i>Environmental Earth Sciences</i> , 2015, 73, 4347-4371.	1.3	20
198	Preparation of a ZnO nanoparticles/multiwalled carbon nanotubes/carbon paste electrode as a sensitive tool for capecitabine determination in real samples. <i>RSC Advances</i> , 2016, 6, 33851-33856.	1.7	20

#	ARTICLE	IF	CITATIONS
199	Total sulfur determination in liquid fuels by ICP-OES after oxidation-extraction desulfurization using magnetic graphene oxide. <i>Fuel</i> , 2017, 210, 507-513.	3.4	20
200	Spectrophotometric Determination of Fluoxetine by Batch and Flow Injection Methods. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 1642-1646.	0.6	19
201	NUCLEAR MAGNETIC RESONANCE STUDY OF LITHIUM ION COMPLEXES WITH SEVERAL CROWN ETHERS IN BINARY ACETONITRILE-NITROMETHANE MIXTURES. <i>Journal of Coordination Chemistry</i> , 1996, 39, 33-42.	0.8	18
202	Determination of Some Catecholamines Based on Their Reaction with Periodate. <i>Journal of Analytical Chemistry</i> , 2003, 58, 135-138.	0.4	18
203	Removal and preconcentration of lead(II), cadmium(II) and chromium(III) ions from wastewater samples using surface functionalized magnetite nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 489-498.	1.2	18
204	Electrochemical determination of fluvoxamine on mercury nanoparticle multi-walled carbon nanotube modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 259-266.	4.0	18
205	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. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 379-383.	4.0	18
206	Catalytic Spectrophotometric Determination of Selenium. <i>Analytical Letters</i> , 1995, 28, 1095-1105.	1.0	17
207	Kinetic determination of periodate based on its reaction with ferroin and its application to the indirect determination of ethylene glycol and glycerol. <i>Microchemical Journal</i> , 2001, 68, 35-40.	2.3	17
208	Spectrophotometric Determination of Complex Formation Constants Between a New Schiff Base and Some Transition Metals by Rank Annihilation Factor Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 866-870.	1.0	17
209	Effectiveness of Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> for the removal and preconcentration of Cr(VI), Mo(VI), V(V) and W(VI) oxyanions from water and wastewater samples. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 2007-2013.	1.2	17
210	Electrochemical Sensor for Dapsone Using Molecularly Imprinted Polypyrrole Membrane as a Recognition Element. <i>Journal of the Electrochemical Society</i> , 2015, 162, B109-B113.	1.3	17
211	ZnS quantum dots surface-loaded with zinc(II) ions as a viable fluorescent probe for glutathione. <i>Mikrochimica Acta</i> , 2019, 186, 205.	2.5	17
212	Kinetic-spectrophotometric determination of trace amounts of As(III) based on its inhibitory effect on the redox reaction between bromate and hydrochloric acid. <i>Talanta</i> , 2001, 55, 55-60.	2.9	16
213	Recent applications of kinetic methods in multi-component analysis. <i>Journal of the Iranian Chemical Society</i> , 2008, 5, 352-366.	1.2	16
214	Simultaneous spectrophotometric determination of binary mixtures of surfactants using continuous wavelet transformation. <i>Journal of Hazardous Materials</i> , 2009, 166, 770-775.	6.5	16
215	Micelle mediated extraction and simultaneous spectrophotometric determination of vanadium(V) and molybdenum(VI) in plant foodstuff samples. <i>Food Chemistry</i> , 2011, 127, 769-773.	4.2	16
216	Enhanced electrochemical responses at supramolecularly modified graphene: Simultaneous determination of sulphasalazine and its metabolite 5-aminosalicylic acid. <i>Journal of Electroanalytical Chemistry</i> , 2019, 838, 186-194.	1.9	16

#	ARTICLE	IF	CITATIONS
217	Simultaneous Derivative Spectrophotometric Determination of Levodopa and Carbidopa in Pharmaceutical Preparations. Bulletin of the Korean Chemical Society, 2004, 25, 1764-1768.	1.0	16
218	Wearable Potentiometric Sensor Based on $\text{Na}^{0.44}\text{MnO}_2$ for Non-invasive Monitoring of Sodium Ions in Sweat. Analytical Chemistry, 2022, 94, 2263-2270.	3.2	16
219	LITHIUM-7 AND SODIUM-23 NMR STUDIES OF THE COMPLEXATION OF $\text{Li}^+$ AND $\text{Na}^+$ IONS WITH 1,13-DIBENZO <sup>24</sup> CROWN <sup>8</sup> IN BINARY NITROMETHANE-ACETONITRILE 0.8 MIXTURES. Journal of Coordination Chemistry, 1998, 46, 1-11.		15
220	Simultaneous Spectrophotometric Determination of Paracetamol and Salicylamide in Human Serum and Pharmaceutical Formulations by a Differential Kinetic Method. Journal of AOAC INTERNATIONAL, 2005, 88, 1695-1701.	0.7	15
221	Removal of heavy metals from aqueous solutions using $\text{Fe}_3\text{O}_4$ , $\text{ZnO}$ , and $\text{CuO}$ nanoparticles. , 2012, , 171-188.		15
222	A simple cyanide sensing probe based on $\text{Ag}/\text{Fe}_3\text{O}_4$ nanoparticles. RSC Advances, 2015, 5, 15886-15891.	1.7	15
223	Kinetic Spectrophotometric Determination of Trace Amounts of Nitrite Ion Using Its Reaction With Neutral Red. Analytical Letters, 1994, 27, 991-1000.	1.0	14
224	Simultaneous Kinetic Determination of Beryllium and Aluminium by Spectrophotometric H-Point Standard Addition Method. Analytical Sciences, 2004, 20, 1711-1715.	0.8	14
225	Application of Rank Annihilation Factor Analysis to the Determination of the Stability Constant of the Complex XL and Rate Constants for the Reaction of X and XL with the Reagent Z Using Kinetic Profiles. Bulletin of the Chemical Society of Japan, 2007, 80, 1542-1548.	2.0	14
226	A new strategy for solving matrix effect in multivariate calibration standard addition data using combination of H-point curve isolation and H-point standard addition methods. Analytica Chimica Acta, 2008, 613, 144-151.	2.6	14
227	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
228	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
229	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
230	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
231	Absorbance-based Spectroelectrochemical Sensor for Determination of Ampyra Based on Electrochemical Preconcentration. Sensors and Actuators B: Chemical, 2020, 324, 128723.	4.0	14
232	Synthesize and application of magnetic molecularly imprinted polymers (mag-MIPs) to extract 1-Aminopyrene from the human urine sample. Journal of Environmental Chemical Engineering, 2021, 9, 106253.	3.3	14
233	Sensitive spectrophotometric determination of trace quantities of phenylhydrazine. Microchemical Journal, 2001, 69, 51-57.	2.3	13
234	Simultaneous Spectrophotometric Determination of Bi(III) and Sb(III) Based on Their Complexes with Iodide in Acidic Media Using the H-Point Standard Addition Method and First-Derivative Spectrophotometry. Analytical Sciences, 2003, 19, 917-921.	0.8	13

#	ARTICLE	IF	CITATIONS
235	Flow Injection and Batch Spectrophotometric Determination of Ibuprofen Based on its Competitive Complexation Reaction with Phenolphthalein- $\beta$ -Cyclodextrin Inclusion Complex. <i>Analytical Letters</i> , 2007, 40, 2317-2328.	1.0	13
236	Investigation of the Effect of Inclusion of Eriochrome Black T with $\beta$ -Cyclodextrin on Its Complexation Reaction with $\text{Ca}^{2+}$ and $\text{Mg}^{2+}$ Using Rank Annihilation Factor Analysis. <i>Supramolecular Chemistry</i> , 2008, 20, 579-586.	1.5	13
237	Simultaneous spectrophotometric determination of Cu(II), Co(II) and Ni(II) using ratio spectra-continuous wavelet transformation in some food and environmental samples. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1312-1319.	0.6	13
238	Removal, preconcentration and spectrophotometric determination of U(VI) from water samples using modified maghemite nanoparticles. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 292, 597-602.	0.7	13
239	A superficial approach for fabricating unique ternary AgI@TiO <sub>2</sub> /Zr-MOF composites: An excellent interfacial with improved photocatalytic light-responsive under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112717.	2.0	13
240	Magnetic molecularly imprinted electrospun nanofibers for selective extraction of nilotinib from human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1629-1637.	1.9	13
241	Comparison of Partial Least Squares Regression and H-Point Standard Addition Method for Simultaneous Spectrophotometric Determination of Zinc, Cobalt and Nickel by 1-(2-Pyridylazo)2-Naphthol in Micellar Media. <i>Mikrochimica Acta</i> , 2004, 148, 317-326.	2.5	12
242	Design and characteristics of a sulfide and sulfite optode based on immobilization of methyl violet on a triacetylcellulose membrane. <i>Sensors and Actuators B: Chemical</i> , 2007, 124, 285-289.	4.0	12
243	Spectrophotometric Determination of Cationic Surfactants Based on Their Effect on the Complexes of Chrome Azurol S with $\text{Be}^{2+}$ and $\text{Al}^{3+}$ Cations. <i>Clean - Soil, Air, Water</i> , 2011, 39, 171-176.	0.7	12
244	Kinetic and Thermodynamic Studies of the Adsorption of Several Anionic Dyes From Water Samples on Magnetite-Modified Multi-Walled Carbon Nanotubes. <i>Separation Science and Technology</i> , 2013, 48, 2638-2648.	1.3	12
245	A new nano-composite electrode as a copper (II) selective potentiometric sensor. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1373-1380.	1.2	12
246	Enantioselective solid phase extraction prior to spectrofluorometric determination: a procedure for the determination of naproxen enantiomers in the presence of each other. <i>RSC Advances</i> , 2015, 5, 5450-5457.	1.7	12
247	$\text{Fe}_3\text{O}_4$ @Pt/MWCNT/carbon paste electrode for determination of a doxorubicin anticancer drug in a human urine sample. <i>RSC Advances</i> , 2016, 6, 72803-72809.	1.7	12
248	Development and Application of Graphene Oxide/Poly-Amidoamines Dendrimers (GO/PAMAMs) Nano-Composite for Nitrate Removal from Aqueous Solutions. <i>Environmental Processes</i> , 2018, 5, 41-64.	1.7	12
249	Electrochemical Determination of Sunitinib in Biological Samples Using Polyacrylonitrile Nanofibers/Nickel-Zinc-Ferrite Nanocomposite/Carbon Paste Electrode. <i>Journal of the Electrochemical Society</i> , 2019, 166, B1268-B1275.	1.3	12
250	Spectroelectrochemical and electrochromic behavior of poly(methylene blue) and poly(thionine)-modified multi-walled carbon nanotubes. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1217-1229.	1.2	12
251	Electropolymerization as an electrochemical preconcentration approach for the determination of melamine in milk samples. <i>Electrochimica Acta</i> , 2021, 390, 138897.	2.6	12
252	Controlled Transdermal Iontophoresis of Insulin from Water-Soluble Polypyrrole Nanoparticles: An In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12479.	1.8	12

#	ARTICLE	IF	CITATIONS
253	Sensitive Kinetic-Spectrophotometric Determination of Iodate in Iodized Table Salt Based on Its Accelerating Effect on the Reaction of Bromate with Chloride Ion in the Presence of Hydrazine.. Analytical Sciences, 2002, 18, 667-670.	0.8	11
254	Simultaneous Kinetic-Spectrophotometric Determination of Hydrazine and Acetylhydrazine in Micellar Media Using the H-Point Standard Addition Method. Analytical Sciences, 2004, 20, 1199-1203.	0.8	11
255	Comparative Determination of Phosphate and Silicate Using Molybdenum Blue by Radial Basis Function and Feed-Forward Neural Networks Assisted by Principal Component Analysis. Analytical Sciences, 2008, 24, 779-783.	0.8	11
256	Novel Sensor Fabrication for the Determination of Nanomolar Concentrations of Hg <sup>2+</sup> in Some Foods and Water Samples Based on Multi-walled Carbon Nanotubes/Ionic Liquid and a New Schiff Base. Food Analytical Methods, 2014, 7, 1204-1212.	1.3	11
257	A new potentiometric sensor based on a high-performance composite for nanomolar determination of mercury (II) in environmental samples. International Journal of Environmental Analytical Chemistry, 2014, 94, 901-915.	1.8	11
258	Determination of human albumin in serum and urine samples by constant energy synchronous fluorescence method. Luminescence, 2015, 30, 576-582.	1.5	11
259	Crystal violet-modified HKUST-1 framework with improved hydrostability as an efficient adsorbent for direct solid-phase microextraction. Mikrochimica Acta, 2021, 188, 305.	2.5	11
260	Cloud point-magnetic dispersive solid phase extraction for the spectrofluorometric determination of citalopram. Journal of Molecular Liquids, 2017, 241, 43-48.	2.3	11
261	Application of Organized Media for Rapid Spectrofluorimetric Determination of Trace Amounts of Cr(VI) in the Presence of Cr(III). Bulletin of the Korean Chemical Society, 2009, 30, 1252-1256.	1.0	11
262	Catalytic Spectrophotometric Determination of an Ultra-Trace Amount of Lead by Reduction of Resazurin by Sodium Sulfide. Analytical Letters, 1991, 24, 1643-1655.	1.0	10
263	Spectrophotometric Determination of Trace Amounts of Nitrite Ion Based on Its Catalytic Effect in the Reaction between Thymol Blue and Bromate. Microchemical Journal, 1997, 57, 224-230.	2.3	10
264	Kinetic Spectrophotometric Determination of Thiocyanate Based on Its Inhibitory Effect on the Oxidation of Methyl Red by Bromate.. Analytical Sciences, 2001, 17, 435-437.	0.8	10
265	Ratiometric bioassay and visualization of dopamine $\beta$ -hydroxylase in brain cells utilizing a nanohybrid fluorescence probe. Analytica Chimica Acta, 2020, 1105, 187-196.	2.6	10
266	Computational study to select the capable anthracycline derivatives through an overview of drug structure-specificity and cancer cell line-specificity. Chemical Papers, 2021, 75, 523-538.	1.0	10
267	Short-term effect of multi-pollutant air quality indexes and PM <sub>2.5</sub> on cardiovascular hospitalization in Hamadan, Iran: a time-series analysis. Environmental Science and Pollution Research, 2021, 28, 53653-53667.	2.7	10
268	Simultaneous Kinetic Spectrophotometric Determination of Sulfite and Sulfide Using Partial Least Squares (PLS) Regression. Bulletin of the Korean Chemical Society, 2006, 27, 863-868.	1.0	10
269	Simultaneous determination of BoNT/A and /E using an electrochemical sandwich immunoassay based on the nanomagnetic immunosensing platform. Chemosphere, 2022, 298, 134358.	4.2	10
270	Investigation of oxidation and tautomerization of a recently synthesized Schiff base in micellar media using multivariate curve resolution alternative least squares and rank annihilation factor analysis methods. Analytica Chimica Acta, 2009, 647, 189-194.	2.6	9



#	ARTICLE	IF	CITATIONS
271	Development of diffusive solid phase microextraction method for sampling of epichlorohydrin in air. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1365-1377.	1.8	9
272	ZnO/rGO nanocomposite/carbon paste electrode for determination of terazosin in human serum samples. <i>RSC Advances</i> , 2016, 6, 2552-2558.	1.7	9
273	An electrochemical ceruloplasmin aptasensor using a glassy carbon electrode modified by diazonium-functionalized multiwalled carbon nanotubes. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 593-602.	1.2	9
274	Removal and Preconcentration of Pb(II) Heavy Metal Ion from Water and Waste-Water Samples onto Poly (vinyl alcohol)/polyethyleneimine/Fe <sub>3</sub> O <sub>4</sub> Microfibers Nanocomposite. <i>Journal of Polymers and the Environment</i> , 2020, 28, 614-623.	2.4	9
275	Graphene oxide nanoribbons/polypyrrole nanocomposite film: Controlled release of leucovorin by electrical stimulation. <i>Electrochimica Acta</i> , 2021, 370, 137806.	2.6	9
276	Developed electrochemical sensors for the determination of beta-blockers: A comprehensive review. <i>Journal of Electroanalytical Chemistry</i> , 2021, 899, 115666.	1.9	9
277	Application of Fe <sub>3</sub> O <sub>4</sub> @TbBd nanobeads in microextraction by packed sorbent (MEPS) for determination of BTEXs biomarkers by HPLC-UV in urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1197, 123197.	1.2	9
278	QSAR analysis on a large and diverse set of potent phosphoinositide 3-kinase gamma (PI3K $\beta$ ) inhibitors using MLR and ANN methods. <i>Scientific Reports</i> , 2022, 12, 6090.	1.6	9
279	Ultra-trace levels voltammetric determination of Pb <sup>2+</sup> in the presence of Bi <sup>3+</sup> at food samples by a Fe <sub>3</sub> O <sub>4</sub> @Schiff base Network1 modified glassy carbon electrode. <i>Talanta</i> , 2022, 250, 123716.	2.9	9
280	Kinetic-Spectrophotometric Determination of Trace Quantities of Thiocyanate by Inhibition of the Redox Reaction of Ferriin with Periodate. <i>Analytical Letters</i> , 1995, 28, 1785-1791.	1.0	8
281	Cloud Point Extraction and Spectrophotometric Determination of Sulfide in Water Samples using Ethylene Blue Formation Reaction. <i>Separation Science and Technology</i> , 2009, 44, 983-994.	1.3	8
282	Rapid analysis of trans,trans-muconic acid in urine using microextraction by packed sorbent. <i>Toxicology and Environmental Health Sciences</i> , 2017, 9, 317-324.	1.1	8
283	Fabrication of an immunosensor for early and ultrasensitive determination of human tissue plasminogen activator (tPA) in myocardial infraction and breast cancer patients. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3683-3691.	1.9	8
284	Flexible electrospun nanofibrous film integrated with fluorescent carbon dots for smartphone-based detection and cellular imaging application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119944.	2.0	8
285	Catalytic Determination of Trace Amounts of Tellurium(IV) Based on Its Catalytic Effect in the Reduction Reaction of Bromate with Hydrazinium Dichloride. <i>Microchemical Journal</i> , 1995, 52, 3-9.	2.3	7
286	Acidity Constants of Some Organic Acids in the Presence of $\beta$ -Cyclodextrin in Binary Ethanol-Water Mixtures by Rank Annihilation Factor Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 2389-2392.	1.0	7
287	Spectrophotometric determination of the formation constants of some transition metal cations with a new synthetic Schiff base in dichloromethane and chloroform using rank annihilation factor analysis. <i>Journal of Molecular Structure</i> , 2011, 985, 86-90.	1.8	7
288	Synthesis, characterization, and application of a triazene-based polysulfone as a dye adsorbent. <i>Journal of Applied Polymer Science</i> , 2013, 129, 3439-3446.	1.3	7

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289	Application of cysteamine functionalized CdS hollow nanospheres in determination of Cd(II) and Pb(II) in the presence of each other by resonance light scattering technique. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3484-3491.	3.3	7
290	Ag nanoparticles for determination of bisphenol A by resonance light-scattering technique. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1527-1534.	1.2	7
291	Stimuli-sensitive drug delivery systems. , 2020, , 37-59.		7
292	Simultaneous preconcentration and determination of trace quantities of inorganic arsenic species in water using Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> magnetic nanoparticles. <i>Chemical Papers</i> , 2020, 74, 2529-2535.	1.0	7
293	Electrochemically controlled solid phase microextraction based on nanostructured polypyrrole film for selective extraction of sunset yellow in food samples. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 3127-3135.	1.2	7
294	Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles-decorated poly (vinyl alcohol) nanofiber as resonance light scattering probe for determination of sunitinib in serum samples. <i>Talanta</i> , 2020, 218, 121190.	2.9	7
295	PVP-coated silver nanocubes as RRS probe for sensitive determination of Haloperidol in real samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 121025.	2.0	7
296	Kinetic Spectrophotometric Determination of Acetaldehyde. <i>Analytical Letters</i> , 2000, 33, 527-538.	1.0	6
297	Sensitive Kinetic-Spectrophotometric Determination of Trace Amounts of Periodate Ion. <i>Journal of Analytical Chemistry</i> , 2003, 58, 588-593.	0.4	6
298	A novel covalent functionalisation of poly (styrene-alt-maleic anhydride) with 4-amino benzo-9-crown-3 ether. <i>Supramolecular Chemistry</i> , 2014, 26, 88-93.	1.5	6
299	A comprehensive study on electrochemical oxidation of 2-acetamidophenol (ortho-acetaminophen). A green galvanostatic method for the synthesis of di-arylsulfonyl-2-acetamidophenol derivatives. <i>Electrochimica Acta</i> , 2017, 248, 376-387.	2.6	6
300	Isolation and identification of new strains of crude oil degrading bacteria from Kharg Island, Iran. <i>Petroleum Science and Technology</i> , 2018, 36, 869-874.	0.7	6
301	Preparation and characterization of <sup>13</sup> Fe <sub>2</sub> O <sub>3</sub> nanoparticles and investigation of its adsorption performance for sulfide, sulfite and thiosulfate from aqueous solutions using ultrasonic assisted method: Modeling and optimization. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 1049-1058.	3.8	6
302	Preparation of polyacrylonitrile nanofibers decorated by N-doped carbon quantum dots: application as a fluorescence probe for determination of Cr(III). <i>New Journal of Chemistry</i> , 2018, 42, 18765-18772.	1.4	6
303	Bioelectrocatalysis and direct determination of H <sub>2</sub> O <sub>2</sub> using the high-performance platform: chitosan nanofibers modified with SDS and hemoglobin. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1401-1409.	1.2	6
304	Target -responsive host-guest binding-driven dual-sensing readout for enhanced electrochemical chiral analysis. <i>Analyst</i> , 2021, 146, 4865-4872.	1.7	6
305	Development of modified polymer dot as stimuli-sensitive and <sup>67</sup> Ga radio-carrier, for investigation of in vitro drug delivery, in vivo imaging and drug release kinetic. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114217.	1.4	6
306	Use of Conductive Polymers in Detection Stage of Analysis/Miniaturization Devices. <i>ACS Symposium Series</i> , 0, , 165-184.	0.5	6

#	ARTICLE	IF	CITATIONS
307	Interaction of new polyamine ligand N,N,N',N'-tetrakis(2-salicylideneaminoethyl)butane-1,4-diamine with iodine in chloroform and dichloromethane solutions. <i>Physics and Chemistry of Liquids</i> , 2008, 46, 372-378.	0.4	5
308	Spectrophotometric and spectrofluorimetric investigation of different equilibria of a recently synthesized Schiff base with the aid of chemometric methods. <i>Journal of Luminescence</i> , 2011, 131, 1472-1478.	1.5	5
309	Competitive <sup>7</sup> Li NMR study of the stoichiometry, stability and thermodynamic data for the complexation of Li <sup>+</sup> , Mn <sup>2+</sup> , Zn <sup>2+</sup> and Cd <sup>2+</sup> ions with two asymmetrical branched pentadentate (N5) amines containing pyridine moiety in ionic liquid-acetonitrile mixtures. <i>Journal of Molecular Structure</i> , 2014, 1075, 525-533.	1.8	5
310	Highly sensitive simultaneous quantification of buprenorphine and norbuprenorphine in human plasma by magnetic solid-phase extraction based on PpPDA/Fe <sub>3</sub> O <sub>4</sub> nanocomposite and high-performance liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 575-585.	1.2	5
311	Ultrasound-assisted dispersive liquid antisolvent precipitation for extraction of polar organic compounds in water. <i>Analytica Chimica Acta</i> , 2020, 1135, 91-98.	2.6	5
312	Nanomaterial-based adsorbents for wastewater treatment. , 2020, , 467-485.		5
313	The short-term association between air pollution and asthma hospitalization: a time-series analysis. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 1153-1167.	1.5	5
314	Facile synthesis of magnetic melamine-based covalent organic framework for removal of Amido Black 10B. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	5
315	Simultaneous kinetic spectrophotometric determination of Cu(II), Co(II) and Ni(II) using partial least squares (PLS) regression. <i>Open Chemistry</i> , 2009, 7, 375-381.	1.0	4
316	Application of Rank Annihilation Factor Analysis to the Spectrophotometric Determination of the Formation Constants of Complexes of a New Schiff Base and Some Transition Metals in Different Media. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 4725-4731.	1.0	4
317	Investigation of the Interaction between Nitrite Ion and Bovine Serum Albumin Using Spectroscopic and Molecular Docking Techniques. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1223-1230.	0.8	4
318	Photoluminescence investigation of MPA-ZnS QDs interaction with selenite ion. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2475-2483.	1.2	4
319	Determination of α-phenylglycine in the presence of its β-enantiomer using a turn-on fluorescent nano-chemosensor. <i>Talanta</i> , 2017, 162, 547-551.	2.9	4
320	Ionic liquid-coated magnetic SiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> nanocomposite for temperature-assisted solid-phase extraction of venlafaxine. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2101-2109.	1.2	4
321	Magnetic solid-phase extraction of codeine in a biological sample utilizing Fe <sub>3</sub> O <sub>4</sub> /CDs/Lys nanocomposite as an efficient adsorbent. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2111-2121.	1.2	4
322	Computational study on subfamilies of piperidine derivatives: QSAR modelling, model external verification, the inter-subset similarity determination, and structure-based drug designing. <i>SAR and QSAR in Environmental Research</i> , 2021, 32, 433-462.	1.0	4
323	Development of a needle trap device packed with the Schiff base network-1/single-walled carbon nanotube for sampling phenolic compounds in air. <i>Microchemical Journal</i> , 2022, 172, 106984.	2.3	4
324	Interaction of β-Cyclodextrin with Cetyltrimethylammonium Bromide in the Presence of Neutral Red and Its Application to the Spectrophotometric Determination of β-Cyclodextrin. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 431-436.	0.8	3

#	ARTICLE	IF	CITATIONS
325	Designing of a new label-free electrochemical impedimetric nanosensor based on selective interaction sequence of l-lysine with activase kringle domains for sensitive detection of activase protein. <i>Journal of Molecular Liquids</i> , 2017, 248, 60-65.	2.3	3
326	Electrochemical sandwich-type immunosensor for the detection of PSA based on a trimetallic AgAuPt nanocomposite synthesized using the galvanic replacement reaction. <i>Analytical Methods</i> , 2021, 13, 3676-3684.	1.3	3
327	Application of magnetic ion imprinted polymers for simultaneous quantification of Al <sup>3+</sup> and Be <sup>2+</sup> ions using the mean centering of ratio spectra method. <i>Talanta</i> , 2021, 225, 122003.	2.9	3
328	Hydrothermal synthesis of nanocages of Mn-Co Prussian blue analogue and charge storage investigation of the derived Mn-Co oxide@rGO composites. <i>FlatChem</i> , 2022, 32, 100350.	2.8	3
329	Sensitive Spectrophotometric Determination of Aromatic Aldehydes Based on Their Reaction.. <i>Analytical Sciences</i> , 1997, 13, 497-499.	0.8	2
330	Simultaneous Kinetic Spectrophotometric Determination of Nb(V) and Ta(V) Using H <sup>+</sup> Point Standard Addition Method. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 995-1003.	0.8	2
331	Kinetic-spectrophotometric determination of Sb(V) based on its reaction with iodide in the presence of methylene blue. <i>Journal of Analytical Chemistry</i> , 2006, 61, 389-392.	0.4	2
332	Kinetic study of charge transfer complexes of ICl <sub>3</sub> with DB18C6 and DC18C6 in some nonaqueous solvents. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 127-132.	1.6	2
333	Effect of $\beta$ -cyclodextrin, surfactants and solvent on the reactions of the recently synthesized Schiff base and its Cu(II) complex with cyanide ion. <i>Journal of Molecular Liquids</i> , 2011, 163, 20-26.	2.3	2
334	Direct Electrochemical Reaction of Phytohemagglutinin Adsorbed at the Multi-Walled Carbon Nanotubes Modified Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2014, 161, G37-G42.	1.3	2
335	Application of a sensitive nanocomposite-based electrochemical sensor for voltammetric determination of dicyclomine hydrochloride in real samples. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1819-1825.	1.2	2
336	Application of magnetic nanomaterials in plasmonic sensors. , 2021, , 249-267.		2
337	Comparison of the efficiency of graphene oxide, activated graphene oxide, dendrimer-graphene oxide and activated dendrimer-graphene oxide for nitrate removal from aqueous solutions. , 0, 100, 100-115.		2
338	Spectrophotometric Determination of the Stability Constant of the Inclusion Complexes of Some Catechol Derivatives with $\beta$ -Cyclodextrin Based on Their Reaction with Iodate. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 957-962.	0.8	1
339	A diffusion-kinetic model for optical sensors to predict heterogeneous rate constants, diffusion coefficients and Stokes radii of ions with the aid of chemometric methods. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 620-629.	4.0	1
340	Kinetic Determination of Trace Amounts of Nitrite Using an Optical Chemical Sensor. <i>Clean - Soil, Air, Water</i> , 2012, 40, 619-623.	0.7	1
341	Development of Membrane Hollow Fiber for Determination of Maleic Anhydride in Ambient Air as a Field Sampler. <i>Annals of Work Exposures and Health</i> , 2019, 63, 797-805.	0.6	1
342	Smart nanocarriers in glucose transporters-targeted delivery of anticancer drugs. , 2020, , 251-269.		1

#	ARTICLE	IF	CITATIONS
343	Application of magnetic nanomaterials in magnetic field sensors. , 2021, , 327-345.		1
344	A new approach for simultaneous calculation of pIC50 and logP through QSAR/QSPR modeling on anthracycline derivatives: a comparable study. Journal of the Iranian Chemical Society, 2021, 18, 2785-2800.	1.2	1
345	Separation miniaturized instruments. , 2022, , 41-62.		1
346	Miniaturization”An introduction to miniaturized analytical devices. , 2022, , 3-16.		1
347	Hollow polymer nanospheres (HPSs) as the adsorbent in microextraction by packed sorbent (MEPS) for determining BTEXs chief metabolites in urine samples. Journal of the Iranian Chemical Society, 0, , .	1.2	1
348	Spectrophotometric study of the reaction between 2,3-dichloro-5,6-dicyano- <i>p</i> -benzoquinone as an acceptor with morpholine in some non-aqueous solvents. Physics and Chemistry of Liquids, 2011, 49, 172-180.	0.4	0
349	Spectrofluorometric and Molecular Modeling Studies on Binding of Nitrite Ion with Bovine Hemoglobin: Effect of Nitrite Ion on Amino Acid Residues. Journal of Applied Spectroscopy, 2015, 82, 322-328.	0.3	0
350	Self-assembled graphene-based microfibers with eclectic optical properties. Scientific Reports, 2021, 11, 5451.	1.6	0
351	Developing a Method for Determination of Urinary Delta-Amino-Levulinic Acid using Molecularly Imprinted Polymers. Chemistry and Chemical Technology, 2020, 14, 334-342.	0.2	0
352	Miniaturized bioelectrochemical devices. , 2022, , 89-108.		0
353	Smartphone-enabled miniaturized analytical devices. , 2022, , 285-306.		0
354	Use of Conductive Polymers in Separation/Identification Stage of Analysis. ACS Symposium Series, 0, , 141-163.	0.5	0