

Tayyebeh Madrakian

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

225
papers

6,181
citations

43
h-index

66
g-index

235
ext. papers

6,868
ext. citations

5.3
avg, IF

6.39
L-index

#	Paper	IF	Citations
225	Miniaturized bioelectrochemical devices 2022 , 89-108		
224	Wearable Potentiometric Sensor Based on NaMnO for Non-invasive Monitoring of Sodium Ions in Sweat.. <i>Analytical Chemistry</i> , 2022 ,	7.8	5
223	Separation miniaturized instruments 2022 , 41-62		0
222	Miniaturization An introduction to miniaturized analytical devices 2022 , 3-16		0
221	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	4.4	0
220	Nanostructure Semiconductor Materials for Device Applications. <i>Materials Horizons</i> , 2022 , 57-86	0.6	
219	Enhancing autophagy in Alzheimer's disease through drug repositioning.. <i>Pharmacology & Therapeutics</i> , 2022 , 237, 108171	13.9	4
218	QSAR analysis on a large and diverse set of potent phosphoinositide 3-kinase gamma (PI3K γ) inhibitors using MLR and ANN methods.. <i>Scientific Reports</i> , 2022 , 12, 6090	4.9	1
217	Facile synthesis of magnetic melamine-based covalent organic framework for removal of Amido Black 10B. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	0
216	Self-assembled graphene-based microfibers with eclectic optical properties. <i>Scientific Reports</i> , 2021 , 11, 5451	4.9	
215	A new approach for simultaneous calculation of pIC50 and logP through QSAR/QSPR modeling on anthracycline derivatives: a comparable study. <i>Journal of the Iranian Chemical Society</i> , 2021 , 18, 2785-2800	2	1
214	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	2	4
213	Application of magnetic ion imprinted polymers for simultaneous quantification of Al and Be ions using the mean centering of ratio spectra method. <i>Talanta</i> , 2021 , 225, 122003	6.2	1
212	Magnetic Nanomaterials in Microfluidic Sensors for Virus Detection: A Review. <i>ACS Applied Nano Materials</i> , 2021 , 4, 4307-4328	5.6	5
211	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	3.5	3
210	Emerging Advances of Nanotechnology in Drug and Vaccine Delivery against Viral Associated Respiratory Infectious Diseases (VARID). <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
209	Application of magnetic nanomaterials in electroanalytical methods: A review. <i>Talanta</i> , 2021 , 225, 121974	4.2	17

208	Computational study to select the capable anthracycline derivatives through an overview of drug structure-specificity and cancer cell line-specificity. <i>Chemical Papers</i> , 2021 , 75, 523-538	1.9	5
207	Application of magnetic nanomaterials in plasmonic sensors 2021 , 249-267		1
206	Application of magnetic nanomaterials in magnetic field sensors 2021 , 327-345		
205	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	2.6	3
204	Target -responsive host-guest binding-driven dual-sensing readout for enhanced electrochemical chiral analysis. <i>Analyst, The</i> , 2021 , 146, 4865-4872	5	0
203	Statins in patients with COVID-19: a retrospective cohort study in Iranian COVID-19 patients. <i>Translational Medicine Communications</i> , 2021 , 6, 3	4	27
202	Graphene oxide nanoribbons/polypyrrole nanocomposite film: Controlled release of leucovorin by electrical stimulation. <i>Electrochimica Acta</i> , 2021 , 370, 137806	6.7	5
201	Crystal violet-modified HKUST-1 framework with improved hydrostability as an efficient adsorbent for direct solid-phase microextraction. <i>Mikrochimica Acta</i> , 2021 , 188, 305	5.8	4
200	Development of modified polymer dot as stimuli-sensitive and 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	3.5	2
199	Electropolymerization as an electrochemical preconcentration approach for the determination of melamine in milk samples. <i>Electrochimica Acta</i> , 2021 , 390, 138897	6.7	3
198	Developed electrochemical sensors for the determination of beta-blockers: A comprehensive review. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 899, 115666	4.1	1
197	Step-scheme BiVO ₄ /WO ₃ heterojunction photocatalyst under visible LED light irradiation removing 4-chlorophenol in aqueous solutions. <i>Journal of Environmental Management</i> , 2021 , 297, 113338	7.9	7
196	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	4.4	2
195	Smart nanocarriers in glucose transporters-targeted delivery of anticancer drugs 2020 , 251-269		
194	Stimuli-sensitive drug delivery systems 2020 , 37-59		3
193	Simultaneous preconcentration and determination of trace quantities of inorganic arsenic species in water using Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ magnetic nanoparticles. <i>Chemical Papers</i> , 2020 , 74, 2529-2535	1.9	4
192	Magnetic molecularly imprinted electrospun nanofibers for selective extraction of nilotinib from human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 1629-1637	4.4	10
191	Nanomaterial-based adsorbents for wastewater treatment 2020 , 467-485		2

190	Smart nanogels in cancer therapy 2020 , 179-193		1
189	Ratiometric bioassay and visualization of dopamine Hydroxylase in brain cells utilizing a nanohybrid fluorescence probe. <i>Analytica Chimica Acta</i> , 2020 , 1105, 187-196	6.6	6
188	Bioelectrocatalysis and direct determination of H ₂ O ₂ using the high-performance platform: chitosan nanofibers modified with SDS and hemoglobin. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 1401-1409	2	3
187	Electrochemical synthesis of MOFs 2020 , 177-195		1
186	NiZnFeO nanoparticles-decorated poly (vinyl alcohol) nanofiber as resonance light scattering probe for determination of sunitinib in serum samples. <i>Talanta</i> , 2020 , 218, 121190	6.2	3
185	A modified carbon paste electrode based on Fe ₃ O ₄ @multi-walled carbon nanotubes@polyacrylonitrile nanofibers for determination of imatinib anticancer drug. <i>Journal of Applied Electrochemistry</i> , 2020 , 50, 281-294	2.6	16
184	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 & Interfaces</i> , 2020 , 12, 4859-4869	9.5	33
183	Ultrasound-assisted dispersive liquid antisolvent precipitation for extraction of polar organic compounds in water. <i>Analytica Chimica Acta</i> , 2020 , 1135, 91-98	6.6	2
182	Pleiotropic effects of statins: A focus on cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165968	6.9	40
181	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	7.8	23
180	Absorbance-based Spectroelectrochemical Sensor for Determination of Ampyra Based on Electrochemical Preconcentration. <i>Sensors and Actuators B: Chemical</i> , 2020 , 324, 128723	8.5	5
179	Betulin and its derivatives as novel compounds with different pharmacological effects. <i>Biotechnology Advances</i> , 2020 , 38, 107409	17.8	73
178	Preparation and Characterization of Simvastatin Nanocapsules: Encapsulation of Hydrophobic Drugs in Calcium Alginate. <i>Methods in Molecular Biology</i> , 2020 , 2125, 47-56	1.4	5
177	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	3.9	7
176	Magnetic solid-phase extraction of codeine in a biological sample utilizing Fe ₃ O ₄ /CDs/Lys nanocomposite as an efficient adsorbent. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 2111-2121	2	4
175	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	4.1	10
174	ZnS quantum dots surface-loaded with zinc(II) ions as a viable fluorescent probe for glutathione. <i>Mikrochimica Acta</i> , 2019 , 186, 205	5.8	13
173	Evaluation of zeolite supported bimetallic nanoparticles of zero-valent iron and copper (Z-nZVI/Cu) in the presence of ultrasonic for simultaneous removal of nitrate and total coliforms from aqueous solutions: optimization and modeling with response surface methodology. <i>Toxin Reviews</i> , 2019 , 1-13	2.3	3

172	Ionic liquid-coated magnetic SiO ₂ @Fe ₃ O ₄ nanocomposite for temperature-assisted solid-phase extraction of venlafaxine. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 2101-2109	2	3
171	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	3.1	15
170	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	2	7
169	Polyethylenimine@Fe ₃ O ₄ @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	4.1	35
168	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	4.4	6
167	Ag nanoparticles for determination of bisphenol A by resonance light-scattering technique. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 1527-1534	2	5
166	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	6.2	16
165	Highly sensitive simultaneous quantification of buprenorphine and norbuprenorphine in human plasma by magnetic solid-phase extraction based on PpPDA/Fe ₃ O ₄ nanocomposite and high-performance liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 575-585	2	3
164	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	8.5	23
163	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	3.8	22
162	Preparation and characterization of FeO 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	8.9	5
161	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical Sciences</i> , 2018 , 1005, 175-180	3.2	10
160	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	6.6	58
159	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	6.2	37
158	Preparation of polyacrylonitrile nanofibers decorated by N-doped carbon quantum dots: application as a fluorescence probe for determination of Cr(VI). <i>New Journal of Chemistry</i> , 2018 , 42, 18765-18772	3.6	12
157	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	9.3	29
156	Magnetic headspace adsorptive extraction of chlorobenzenes prior to thermal desorption gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2017 , 971, 40-47	6.6	14
155	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	3.6	25

154	Simultaneous colorimetric determination of morphine and ibuprofen based on the aggregation of gold nanoparticles using partial least square. <i>Journal of Pharmaceutical Analysis</i> , 2017 , 7, 411-416	14	20
153	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	8.5	39
152	Nanomaterials as sorbents for sample preparation in bioanalysis: A review. <i>Analytica Chimica Acta</i> , 2017 , 958, 1-21	6.6	170
151	Total sulfur determination in liquid fuels by ICP-OES after oxidation-extraction desulfurization using magnetic graphene oxide. <i>Fuel</i> , 2017 , 210, 507-513	7.1	13
150	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	6.6	59
149	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	6	2
148	Photoluminescence investigation of MPAZnS QDs interaction with selenite ion. <i>Journal of the Iranian Chemical Society</i> , 2017 , 14, 2475-2483	2	4
147	A label-free electrochemical biosensor based on tubulin immobilized on gold nanoparticle/glassy carbon electrode for the determination of vinblastine. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 5269-5278	4.4	8
146	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	6.6	25
145	Determination of D-phenylglycine in the presence of its L-enantiomer using a turn-on fluorescent nano-chemosensor. <i>Talanta</i> , 2017 , 162, 547-551	6.2	3
144	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	8.5	45
143	A novel electrochemical sensor based on magneto LDH/Fe ₃ O ₄ nanoparticles @ glassy carbon electrode for voltammetric determination of tramadol in real samples. <i>Ionics</i> , 2017 , 23, 1005-1015	2.7	31
142	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	11.8	89
141	Cloud point-magnetic dispersive solid phase extraction for the spectrofluorometric determination of citalopram. <i>Journal of Molecular Liquids</i> , 2017 , 241, 43-48	6	9
140	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	2	18
139	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	3.6	23
138	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	8.3	92
137	Fe ₃ 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	3.7	8

136	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	3	26
135	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	2	1
134	ZnO/rGO nanocomposite/carbon paste electrode for determination of terazosin in human serum samples. <i>RSC Advances</i> , 2016 , 6, 2552-2558	3.7	8
133	An electrochemical sensor for rizatriptan benzoate determination using Fe ₃ O ₄ nanoparticle/multiwall carbon nanotube-modified glassy carbon electrode in real samples. <i>Materials Science and Engineering C</i> , 2016 , 63, 637-43	8.3	30
132	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, 2577-86	4.4	36
131	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	3.9	13
130	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	8.5	13
129	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	8.3	28
128	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, 122-8	6.2	30
127	Application of AgNPs for Simple and Rapid Spectrophotometric Determination of Acetaminophen and Gentamicin in Real Samples. <i>Sensor Letters</i> , 2016 , 14, 127-133	0.9	3
126	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	3.7	12
125	CoFe ₂ O 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	8.5	20
124	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	6.8	6
123	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	2	19
122	A new chiral electrochemical sensor for the enantioselective recognition of naproxen enantiomers using L-cysteine self-assembled over gold nanoparticles on a gold electrode. <i>RSC Advances</i> , 2015 , 5, 58609-58615	3.7	31
121	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, 205-14	8.3	38
120	Solid phase extraction and spectrofluorometric determination of leached bisphenol A from some polycarbonate products under simulated use conditions using surface molecularly imprinted magnetite nanospheres. <i>Analytical Methods</i> , 2015 , 7, 6299-6306	3.2	10
119	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	8.5	16

118	Effectiveness of Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ 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	2	12
117	Electrochemical Sensor for Dapsone Using Molecularly Imprinted Polypyrrole Membrane as a Recognition Element. <i>Journal of the Electrochemical Society</i> , 2015 , 162, B109-B113	3.9	13
116	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	3.7	37
115	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	3.7	11
114	Determination of human albumin in serum and urine samples by constant-energy synchronous fluorescence method. <i>Luminescence</i> , 2015 , 30, 576-82	2.5	9
113	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	6.3	55
112	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	6.3	51
111	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	3.2	19
110	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, 548-55	6.2	73
109	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	3.6	39
108	Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ 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	2	18
107	Spectrofluorometric and Molecular Modeling Studies on Binding of Nitrite Ion with Bovine Hemoglobin: Effect of Nitrite Ion on Amino Acid Residues. <i>Journal of Applied Spectroscopy</i> , 2015 , 82, 322-328	0.7	
106	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	8.5	14
105	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	11.8	45
104	A new nano-composite potentiometric sensor containing an Hg ²⁺ -ion imprinted polymer for the trace determination of mercury ions in different matrices. <i>Journal of Molecular Liquids</i> , 2015 , 204, 227-235	6	67
103	A simple cyanide sensing probe based on Ag/Fe ₃ O ₄ nanoparticles. <i>RSC Advances</i> , 2015 , 5, 15886-15891	3.7	9
102	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	8.5	19
101	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, 203-10	6.2	28

100	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	2	15
99	A new nano-composite electrode as a copper (II) selective potentiometric sensor. <i>Journal of the Iranian Chemical Society</i> , 2014 , 11, 1373-1380	2	12
98	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	2.7	24
97	Novel Sensor Fabrication for the Determination of Nanomolar Concentrations of Hg ²⁺ in Some Foods and Water Samples Based on Multi-walled Carbon Nanotubes/Ionic Liquid and a New Schiff Base. <i>Food Analytical Methods</i> , 2014 , 7, 1204-1212	3.4	11
96	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	8.5	28
95	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	3	24
94	Preparation of NiFeO ₄ /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, 50-9	6.6	105
93	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	8.3	19
92	Interaction of benzene-1,3-disulfonylamid-kriptofix[22] with iodine in chloroform and dichloromethane solutions. <i>Chinese Chemical Letters</i> , 2014 , 25, 1375-1378	8.1	7
91	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	6.2	20
90	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	8.5	133
89	Improvement in the performance of a Pb ²⁺ selective potentiometric sensor using modified core/shell SiO ₂ /Fe ₃ O ₄ nano-structure. <i>Journal of Molecular Liquids</i> , 2014 , 199, 108-114	6	32
88	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 ^{3,9}		2
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72	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>Analyt, The</i> , 2013 , 138, 4542-9	5	75
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62	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	1.5	10
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59	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	5.8	78
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