

Afsaneh Safavi

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246
papers

7,633
citations

47
h-index

76
g-index

254
ext. papers

8,109
ext. citations

5.3
avg, IF

6.29
L-index

#	Paper	IF	Citations
246	High-performance carbon composite electrode based on an ionic liquid as a binder. <i>Analytical Chemistry</i> , 2006 , 78, 3820-6	7.8	438
245	Simultaneous determination of dopamine, ascorbic acid, and uric acid using carbon ionic liquid electrode. <i>Analytical Biochemistry</i> , 2006 , 359, 224-9	3.1	339
244	Fabrication of a glucose sensor based on a novel nanocomposite electrode. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 1655-60	11.8	262
243	Simultaneous electrochemical determination of glutathione and glutathione disulfide at a nanoscale copper hydroxide composite carbon ionic liquid electrode. <i>Analytical Chemistry</i> , 2009 , 81, 7538-43	7.8	157
242	Palladium nanoparticle decorated carbon ionic liquid electrode for highly efficient electrocatalytic oxidation and determination of hydrazine. <i>Analytica Chimica Acta</i> , 2008 , 611, 151-5	6.6	152
241	Indirect determination of cyanide ion and hydrogen cyanide by adsorptive stripping voltammetry at a mercury electrode. <i>Analytica Chimica Acta</i> , 2004 , 503, 213-221	6.6	143
240	Electrodeposition of gold-platinum alloy nanoparticles on ionic liquid-chitosan composite film and its application in fabricating an amperometric cholesterol biosensor. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2547-52	11.8	136
239	Cloud point extraction, preconcentration and simultaneous spectrophotometric determination of nickel and cobalt in water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004 , 60, 2897-901	4.4	134
238	Flow injection chemiluminescence determination of hydrazine by oxidation with chlorinated isocyanurates. <i>Talanta</i> , 2002 , 58, 785-92	6.2	126
237	Highly efficient degradation of azo dyes by palladium/hydroxyapatite/Fe ₃ O ₄ nanocatalyst. <i>Journal of Hazardous Materials</i> , 2012 , 201-202, 125-31	12.8	123
236	Immobilization of Porphyrinatocopper Nanoparticles onto Activated Multi-Walled Carbon Nanotubes and a Study of its Catalytic Activity as an Efficient Heterogeneous Catalyst for a Click Approach to the Three-Component Synthesis of 1,2,3-Triazoles in Water. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 2391-2410	5.6	119
235	Direct electrochemistry of hemoglobin and its electrocatalytic effect based on its direct immobilization on carbon ionic liquid electrode. <i>Electrochemistry Communications</i> , 2008 , 10, 420-423	5.1	118
234	Efficient electrocatalysis of L-cysteine oxidation at carbon ionic liquid electrode. <i>Analytical Biochemistry</i> , 2007 , 369, 149-53	3.1	113
233	Highly stable electrochemical oxidation of phenolic compounds at carbon ionic liquid electrode. <i>Analyst, The</i> , 2007 , 132, 54-8	5	112
232	Novel optical pH sensor for high and low pH values. <i>Sensors and Actuators B: Chemical</i> , 2003 , 90, 143-150	8.5	110
231	Indirect colorimetric detection of glutathione based on its radical restoration ability using carbon nanodots as nanozymes. <i>Sensors and Actuators B: Chemical</i> , 2014 , 199, 463-469	8.5	92
230	High electrocatalytic effect of palladium nanoparticle arrays electrodeposited on carbon ionic liquid electrode. <i>Electrochemistry Communications</i> , 2007 , 9, 1963-1968	5.1	92

229	Electrocatalytic oxidation of formaldehyde on palladium nanoparticles electrodeposited on carbon ionic liquid composite electrode. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 626, 75-79	4.1	91
228	Electrodeposited Silver Nanoparticles on Carbon Ionic Liquid Electrode for Electrocatalytic Sensing of Hydrogen Peroxide. <i>Electroanalysis</i> , 2009 , 21, 1533-1538	3	88
227	Flow injection chemiluminescence determination of hydrazine. <i>Analytica Chimica Acta</i> , 1998 , 358, 121-126	5.6	84
226	Kinetic spectrophotometric determination of hydrazine. <i>Analytica Chimica Acta</i> , 1995 , 300, 307-311	6.6	78
225	Phase behavior and characterization of ionic liquids based microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 355, 61-66	5.1	71
224	Flow injection chemiluminescence determination of sulfide by oxidation with N-bromosuccinimide and N-chlorosuccinimide. <i>Talanta</i> , 2002 , 57, 491-500	6.2	71
223	Investigation of the Role of Ionic Liquids in Imparting Electrocatalytic Behavior to Carbon Paste Electrode. <i>Electroanalysis</i> , 2007 , 19, 2247-2250	3	69
222	A Selective and Sensitive Method for Simultaneous Determination of Traces of Paracetamol and p-Aminophenol in Pharmaceuticals Using Carbon Ionic Liquid Electrode. <i>Electroanalysis</i> , 2008 , 20, 2158-2162	3.62	66
221	A new label free colorimetric chemosensor for detection of mercury ion with tunable dynamic range using carbon nanodots as enzyme mimics. <i>Chemical Engineering Journal</i> , 2014 , 255, 1-7	14.7	65
220	Construction of a carbon nanocomposite electrode based on amino acids functionalized gold nanoparticles for trace electrochemical detection of mercury. <i>Analytica Chimica Acta</i> , 2011 , 688, 43-8	6.6	65
219	Optical sensor for high pH values. <i>Analytica Chimica Acta</i> , 1998 , 367, 167-173	6.6	65
218	Effect of gold nanoparticle as a novel nanocatalyst on luminol-hydrazine chemiluminescence system and its analytical application. <i>Analytica Chimica Acta</i> , 2008 , 610, 243-8	6.6	63
217	Vortex-assisted liquid-liquid microextraction based on hydrophobic deep eutectic solvent for determination of malondialdehyde and formaldehyde by HPLC-UV approach. <i>Microchemical Journal</i> , 2018 , 143, 166-174	4.8	61
216	Electrocatalytic behaviors of silver-palladium nanoalloys modified carbon ionic liquid electrode towards hydrogen evolution reaction. <i>Fuel</i> , 2014 , 118, 156-162	7.1	60
215	Design and characteristics of a mercury (II) optode based on immobilization of dithizone on a triacetylcellulose membrane. <i>Sensors and Actuators B: Chemical</i> , 2004 , 99, 608-612	8.5	59
214	Nucleic acid-based electrochemical nanobiosensors. <i>Biosensors and Bioelectronics</i> , 2018 , 102, 479-489	11.8	58
213	Facile approach to the synthesis of carbon nanodots and their peroxidase mimetic function in azo dyes degradation. <i>RSC Advances</i> , 2012 , 2, 7367	3.7	57
212	One-pot synthesis of large scale graphene nanosheets from graphite-liquid crystal composite via thermal treatment. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3825		56

211	Single-walled carbon nanotubes as stationary phase in gas chromatographic separation and determination of argon, carbon dioxide and hydrogen. <i>Analytica Chimica Acta</i> , 2010 , 675, 207-12	6.6	55
210	Electrocatalytic Oxidation of Tryptophan at Gold Nanoparticle-Modified Carbon Ionic Liquid Electrode. <i>Electroanalysis</i> , 2010 , 22, 2848-2855	3	55
209	Hydrogen peroxide biosensor based on a myoglobin/hydrophilic room temperature ionic liquid film. <i>Analytical Biochemistry</i> , 2010 , 402, 20-5	3.1	55
208	Directly silica bonded analytical reagents: synthesis of 2-mercaptobenzothiazole/silica gel and its application as a new sorbent for preconcentration and determination of silver ion using solid-phase extraction method. <i>Separation and Purification Technology</i> , 2004 , 40, 303-308	8.3	55
207	Single-step calibration, prediction and real samples data acquisition for artificial neural network using a CCD camera. <i>Talanta</i> , 2004 , 64, 830-5	6.2	55
206	A novel optical sensor for uranium determination. <i>Analytica Chimica Acta</i> , 2005 , 530, 55-60	6.6	54
205	Electrochemically deposited hybrid nickel/cobalt hexacyanoferrate nanostructures for electrochemical supercapacitors. <i>Electrochimica Acta</i> , 2011 , 56, 9191-9196	6.7	52
204	Evaluation of Formation Constants, Molar Absorptivities of Metal Complexes, and Protonation Constants of Acids by Nonlinear Curve Fitting Using Microsoft Excel Solver and User-Defined Function. <i>Microchemical Journal</i> , 1999 , 62, 229-236	4.8	52
203	Deep eutectic-water binary solvent associations investigated by vibrational spectroscopy and chemometrics. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 18463-18473	3.6	51
202	Assessment of cytotoxicity of choline chloride-based natural deep eutectic solvents against human HEK-293 cells: A QSAR analysis. <i>Chemosphere</i> , 2018 , 209, 831-838	8.4	48
201	Development of a sensitive and selective Riboflavin sensor based on carbon ionic liquid electrode. <i>Analytica Chimica Acta</i> , 2010 , 674, 176-81	6.6	48
200	Glycerol/silica gel: A new solid sorbent for preconcentration and determination of traces of cobalt(II) ion. <i>Analytica Chimica Acta</i> , 2006 , 569, 139-144	6.6	47
199	Flow injection determination of isoniazid using N-bromosuccinimide- and N-chlorosuccinimide-luminol chemiluminescence systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 30, 1499-506	3.5	46
198	Synthesis of highly stable gold nanoparticles using conventional and geminal ionic liquids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 362, 121-126	5.1	45
197	Colorimetric sensing of silver ion based on anti aggregation of gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2017 , 242, 609-615	8.5	44
196	Artificial neural networks for simultaneous spectrophotometric differential kinetic determination of Co(II) and V(IV). <i>Talanta</i> , 2003 , 59, 515-23	6.2	44
195	Flow injection determination of cationic surfactants by using N-bromosuccinimide and N-chlorosuccinimide as new oxidizing agents for luminol chemiluminescence. <i>Analytica Chimica Acta</i> , 2002 , 468, 53-63	6.6	43
194	Simultaneous kinetic determination of Fe(III) and Fe(II) by H-point standard addition method. <i>Talanta</i> , 2002 , 56, 699-704	6.2	43

193	Ion release from orthodontic brackets in 3 mouthwashes: an in-vitro study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011 , 139, 730-4	2.1	41
192	Simultaneous kinetic-spectrophotometric determination of carbidopa, levodopa and methyl dopa in the presence of citrate with the aid of multivariate calibration and artificial neural networks. <i>Analytica Chimica Acta</i> , 2007 , 603, 140-6	6.6	41
191	Highly improved electrocatalytic behavior of sulfite at carbon ionic liquid electrode: application to the analysis of some real samples. <i>Analytica Chimica Acta</i> , 2008 , 625, 8-12	6.6	41
190	Ionic Liquids Modify the Performance of Carbon Based Potentiometric Sensors. <i>Electroanalysis</i> , 2007 , 19, 582-586	3	39
189	Selective and efficient transport of Hg(II) through bulk liquid membrane using methyl red as carrier. <i>Journal of Membrane Science</i> , 1998 , 144, 37-43	9.6	38
188	Design of a copper (II) optode based on immobilization of dithizone on a triacetylcellulose membrane. <i>Sensors and Actuators B: Chemical</i> , 2005 , 107, 53-58	8.5	38
187	Highly selective transport of silver ion through a supported liquid membrane using calix[4]pyrroles as suitable ion carriers. <i>Journal of Membrane Science</i> , 2008 , 325, 295-300	9.6	37
186	Selective and efficient uphill transport of Cu(II) through liquid membrane. <i>Talanta</i> , 1995 , 42, 2039-42	6.2	37
185	A seed-less method for synthesis of ultra-thin gold nanosheets by using a deep eutectic solvent and gum arabic and their electrocatalytic application. <i>RSC Advances</i> , 2015 , 5, 32744-32754	3.7	35
184	Facile electrocatalytic oxidation of ethanol using Ag/Pd nanoalloys modified carbon ionic liquid electrode. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 3380-3386	6.7	35
183	Highly efficient and stable palladium nanocatalysts supported on an ionic liquid-modified xerogel. <i>Chemical Communications</i> , 2008 , 6155-7	5.8	35
182	Determination of selenium in water and soil by hydride generation atomic absorption spectrometry using solid reagents. <i>Talanta</i> , 2005 , 66, 858-62	6.2	35
181	Kinetic spectrophotometric determination of V(IV) in the presence of V(V) by the H-point standard addition method. <i>Analytica Chimica Acta</i> , 2000 , 409, 275-282	6.6	35
180	Determination of trace amounts of copper(II) by adsorptive stripping voltammetry of its complex with pyrogallol red. <i>Analytica Chimica Acta</i> , 1999 , 385, 265-272	6.6	35
179	CCD camera full range pH sensor array. <i>Talanta</i> , 2007 , 71, 498-501	6.2	34
178	Sensitive indirect spectrophotometric determination of isoniazid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004 , 60, 765-9	4.4	34
177	Design and evaluation of a thorium (IV) selective optode. <i>Analytica Chimica Acta</i> , 2006 , 567, 184-188	6.6	33
176	Shaker-assisted liquid-liquid microextraction of methylene blue using deep eutectic solvent followed by back-extraction and spectrophotometric determination. <i>Microchemical Journal</i> , 2019 , 145, 501-507	4.8	33

175	Interaction of anionic dyes and cationic surfactants with ionic liquid character. <i>Journal of Colloid and Interface Science</i> , 2008 , 322, 274-80	9.3	32
174	Application of the H-point standard addition method to the speciation of Fe(II) and Fe(III) with chromogenic mixed reagents. <i>Talanta</i> , 2001 , 54, 727-34	6.2	31
173	In situ electrodeposition of graphene/nano-palladium on carbon cloth for electrooxidation of methanol in alkaline media. <i>Journal of Power Sources</i> , 2014 , 256, 354-360	8.9	30
172	Flow injection chemiluminescence determination of pyrogallol. <i>Analytica Chimica Acta</i> , 1998 , 368, 113-116	6.6	30
171	Tungsten carbide on directly grown multiwalled carbon nanotube as a co-catalyst for methanol oxidation. <i>Applied Catalysis B: Environmental</i> , 2012 , 127, 265-272	21.8	29
170	Modification of chemical performance of dopants in xerogel films with entrapped ionic liquid. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1674		29
169	Electrochemical determination of triclosan at a mercury electrode. <i>Analytica Chimica Acta</i> , 2003 , 494, 225-233	6.6	29
168	Selective transport of silver ions through bulk liquid membrane using Victoria blue as carrier. <i>Talanta</i> , 1999 , 48, 1167-72	6.2	29
167	Flow injection analysis of sulphite by gas-phase molecular absorption UV/VIS spectrophotometry. <i>Talanta</i> , 1997 , 44, 1009-16	6.2	28
166	Blue-emitting copper nanoparticles as a fluorescent probe for detection of cyanide ions. <i>Talanta</i> , 2017 , 175, 514-521	6.2	27
165	Design and Characterization of Liquid Crystal/Graphite Composite Electrodes. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6132-6140	3.8	27
164	Simultaneous spectrophotometric determination of Fe(III), Al(III) and Cu(II) by partial least-squares calibration method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006 , 63, 1964-1974	6.6	27
163	Thermodynamic characterization of weak association equilibria accompanied with spectral overlapping by a SVD-based chemometric method. <i>Talanta</i> , 2001 , 53, 1001-7	6.2	27
162	Spectrophotometric determination of trace amounts of selenium with catalytic reduction of bromate by hydrazine in hydrochloric acid media. <i>Talanta</i> , 1992 , 39, 993-6	6.2	27
161	Ultra trace adsorptive stripping voltammetric determination of atrazine in soil and water using mercury film electrode. <i>Analytica Chimica Acta</i> , 2007 , 581, 37-41	6.6	26
160	Indirect simultaneous kinetic determination of semicarbazide and hydrazine in micellar media by H-point standard addition method. <i>Talanta</i> , 2003 , 59, 147-53	6.2	26
159	Determination of lead by hydride generation atomic absorption spectrometry (HGAAS) using a solid medium for generating hydride. <i>Journal of Analytical Atomic Spectrometry</i> , 1999 , 14, 1227-1230	3.7	26
158	Silver-Palladium Nanoalloys Modified Carbon Ionic Liquid Electrode with Enhanced Electrocatalytic Activity Towards Formaldehyde Oxidation. <i>Electroanalysis</i> , 2012 , 24, 1981-1988	3	25

157	Palladium nanoparticles supported on SiO ₂ by chemical vapor deposition (CVD) technique as efficient catalyst for Suzuki-Miyaura coupling of aryl bromides and iodides: selective coupling of halophenols. <i>Applied Organometallic Chemistry</i> , 2012 , 26, 417-424	3.1	25
156	Efficient preconcentration and determination of traces of aluminum ion using silica-bonded glycerol sorbent. <i>Journal of Hazardous Materials</i> , 2009 , 162, 333-7	12.8	25
155	Fabrication of a selective mercury sensor based on the adsorption of cold vapor of mercury on carbon nanotubes: determination of mercury in industrial wastewater. <i>Journal of Hazardous Materials</i> , 2010 , 173, 622-9	12.8	25
154	Catalytic determination of traces of oxalic acid in vegetables and water samples using a novel optode. <i>Food Chemistry</i> , 2007 , 105, 1106-1111	8.5	25
153	SIMULTANEOUS CATALYTIC DETERMINATION OF COBALT, NICKEL, AND COPPER USING RESAZURINE SULFIDE REACTION AND PARTIAL LEAST SQUARES CALIBRATION METHOD. <i>Analytical Letters</i> , 2001 , 34, 1389-1399	2.2	25
152	Selective determination of ultra trace concentrations of molybdenum by catalytic adsorptive stripping voltammetry. <i>Analytica Chimica Acta</i> , 1999 , 396, 215-220	6.6	25
151	Targeted Detection of Single-Nucleotide Variations: Progress and Promise. <i>ACS Sensors</i> , 2019 , 4, 792-807	7.2	24
150	Highly selective aggregation assay for visual detection of mercury ion based on competitive binding of sulfur-doped carbon nanodots to gold nanoparticles and mercury ions. <i>Mikrochimica Acta</i> , 2016 , 183, 2327-2335	5.8	24
149	Simultaneous electrochemical determination of L-cysteine and L-cysteine disulfide at carbon ionic liquid electrode. <i>Amino Acids</i> , 2014 , 46, 1079-85	3.5	24
148	Electrocatalytic oxidation of thiourea on graphene nanosheets-Ag nanoparticles hybrid ionic liquid electrode. <i>Sensors and Actuators B: Chemical</i> , 2015 , 207, 668-672	8.5	23
147	Aggregation of imidazolium based ionic liquids in binary methanol-water solvents: A linear solvation free energy relationship study. <i>Journal of Molecular Liquids</i> , 2011 , 160, 35-39	6	23
146	Electrochemical determination of 2,4-D at a mercury electrode. <i>Analytica Chimica Acta</i> , 2005 , 530, 69-74	6.6	23
145	Simultaneous determination of V(IV) and Fe(II) as catalyst using neural networks through a single catalytic kinetic run. <i>Analytica Chimica Acta</i> , 2001 , 432, 229-233	6.6	22
144	Synthesis of highly stable and biocompatible gold nanoparticles for use as a new X-ray contrast agent. <i>Journal of Materials Science: Materials in Medicine</i> , 2018 , 29, 48	4.5	21
143	Kinetic spectrophotometric determination of traces of sulfide. <i>Talanta</i> , 1997 , 44, 1225-30	6.2	21
142	Development of an optode membrane for high pH values. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007 , 66, 575-7	4.4	21
141	Indirect determination of hexavalent chromium ion in complex matrices by adsorptive stripping voltammetry at a mercury electrode. <i>Talanta</i> , 2006 , 68, 1113-9	6.2	21
140	Highly selective and sensitive kinetic spectrophotometric determination of vanadium(IV) in the presence of vanadium(V). <i>Analytica Chimica Acta</i> , 2000 , 409, 283-289	6.6	21

139	Kinetic spectrophotometric determination of ascorbic acid by reduction of toluidine blue. <i>Talanta</i> , 1994 , 41, 1225-8	6.2	21
138	Simultaneous kinetic determination of levodopa and carbidopa by H-point standard addition method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 313-8	3.5	20
137	Highly sensitive and selective measurements of cobalt by catalytic adsorptive cathodic stripping voltammetry. <i>Talanta</i> , 2000 , 51, 1117-23	6.2	20
136	Silver paste nanocomposite electrode as a new metallic electrode for amperometric determination of hydrazine. <i>Analytical Methods</i> , 2012 , 4, 2233	3.2	19
135	A selective uphill transport of copper through bulk liquid membrane using Janus Green as an anion carrier. <i>Separation and Purification Technology</i> , 2002 , 26, 221-226	8.3	19
134	A new X-ray contrast agent based on highly stable gum arabic-gold nanoparticles synthesised in deep eutectic solvent. <i>Journal of Experimental Nanoscience</i> , 2015 , 10, 911-924	1.9	18
133	Synthesis of gold nanoflowers using deep eutectic solvent with high surface enhanced Raman scattering properties. <i>Materials Research Express</i> , 2016 , 3, 095006	1.7	18
132	Design of an optical sensor for indirect determination of isoniazid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 70, 735-9	4.4	18
131	Determination of Copper by Adsorptive Stripping Voltammetry of Its Complex with Adenine. <i>Electroanalysis</i> , 2002 , 14, 929	3	18
130	RING OPENING OF EPOXIDES WITH CARBOXYLATES AND PHENOXIDES IN MICELLAR MEDIA CATALYZED WITH Ce(OTf) ₄ . <i>Synthetic Communications</i> , 2002 , 32, 2287-2293	1.7	17
129	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	6.6	17
128	Chemometrics assisted resolving of net faradaic current contribution from total current in potential step and staircase cyclic voltammetry. <i>Analytica Chimica Acta</i> , 2013 , 766, 34-46	6.6	16
127	Synthesis of palladium nanoparticles on organically modified silica: application to design of a solid-state electrochemiluminescence sensor for highly sensitive determination of imipramine. <i>Analytica Chimica Acta</i> , 2013 , 796, 115-21	6.6	16
126	Synthesis of biologically stable gold nanoparticles using imidazolium-based amino acid ionic liquids. <i>Amino Acids</i> , 2012 , 43, 1323-30	3.5	16
125	Simultaneous flow injection determination of iron(II) and iron(III) with opto-electrochemical detection. <i>Analytica Chimica Acta</i> , 1997 , 354, 43-50	6.6	16
124	A PVC-membrane bulk optode for gallium(III) ion determination. <i>Talanta</i> , 2007 , 71, 339-43	6.2	16
123	Dipicrylamine-modified triacetylcellulose membrane for optical pH and potassium ion measurement. <i>Analytica Chimica Acta</i> , 1996 , 335, 227-233	6.6	16
122	A dramatic change in the interaction of Cu(II) with bio-peptides promoted by SDS--a model for complex formation on a membrane surface. <i>Journal of Inorganic Biochemistry</i> , 1994 , 55, 41-52	4.2	16

121	Direct Electrochemistry and Electrocatalytic Properties of Hemoglobin Immobilized on Carbon Nanotubes Ionic Liquid Electrode. <i>Electroanalysis</i> , 2012 , 24, 1386-1393	3	15
120	Electrochemical Design of Ultrathin Palladium Coated Gold Nanoparticles as Nanostructured Catalyst for Amperometric Detection of Formaldehyde. <i>Electroanalysis</i> , 2011 , 23, 1842-1848	3	15
119	Simultaneous Kinetic Determination of Paracetamol and p-Aminophenol by Using H-Point Standard Addition Method. <i>Analytical Letters</i> , 2004 , 37, 2337-2349	2.2	15
118	Simultaneous Spectrophotometric Determination of Iron, Titanium, and Aluminum by Partial Least-Squares Calibration Method in Micellar Medium. <i>Analytical Letters</i> , 2003 , 36, 699-712	2.2	15
117	Simultaneous kinetic determination of sulfite and sulfide using artificial neural networks. <i>Talanta</i> , 2004 , 62, 51-6	6.2	15
116	Spectrofluorimetric kinetic determination of selenium (IV) by flow injection analysis in cationic micellar medium. <i>Talanta</i> , 2000 , 51, 225-30	6.2	15
115	Fluorescent carbon nanodots for optical detection of fluoride ion in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2015 , 221, 1554-1560	8.5	14
114	Reversed-phase high performance liquid chromatography (RP-HPLC) characteristics of some 9,10-anthraquinone derivatives using binary acetonitrile-water mixtures as mobile phase. <i>Talanta</i> , 2008 , 77, 351-9	6.2	14
113	Design and construction of a flow system for determination of Cu(II) ions in water by means of a chemically modified carbon paste electrode. <i>Analytica Chimica Acta</i> , 1996 , 335, 275-282	6.6	14
112	Sensitive spectrophotometric kinetic determination of osmium by catalysis of the pyrogallol red-bromate reaction. <i>Analytica Chimica Acta</i> , 1991 , 244, 231-236	6.6	14
111	Sugar-Based Natural Deep Eutectic Mixtures as Green Intercalating Solvents for High-Yield Preparation of Stable MoS ₂ Nanosheets: Application to Electrocatalysis of Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2018 , 1, 5896-5906	6.1	14
110	Molecular wires as a new class of binders in carbon composite electrodes. <i>Electrochemistry Communications</i> , 2009 , 11, 1113-1115	5.1	13
109	Electrochemical oxidation of the Ni(II) complex of 2-amino cyclopentene-1-dithiocarboxylate at a Pt electrode. <i>Journal of Electroanalytical Chemistry</i> , 1997 , 434, 93-98	4.1	13
108	Kinetic spectrophotometric determination of traces of sulphite. <i>Analytica Chimica Acta</i> , 1991 , 252, 121-126	13	
107	Carbon nanodots as fluorescent platforms for recognition of fluoride ion via the inner filter effect of simple arylboronic acids. Experimental and theoretical investigations. <i>Journal of Fluorine Chemistry</i> , 2016 , 190, 12-22	2.1	12
106	Metal paste nanocomposite electrodes as a new generation of metallic electrodes. <i>Analytical Chemistry</i> , 2011 , 83, 5502-10	7.8	12
105	DNA-templated gold nanowires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008 , 41, 142-145	12	
104	Spectrophotometric study on micelle-mediated shift in kinetic and equilibrium of complex formation between Ni ²⁺ and 2-amino-cyclopentene-1-dithiocarboxylic acid. <i>Microchemical Journal</i> , 2001 , 69, 69-77	4.8	12

103	Flow-injection determination of traces of formaldehyde by the Brilliant Green-Bulphite reaction with spectrophotometric detection. <i>Analytica Chimica Acta</i> , 1991 , 252, 167-171	6.6	12
102	Electroanalytical Behaviour of 2-Aminocyclopentene-1-Dithiocarboxylic Acid and Its N-substituted Derivatives at Mercury Electrodes. <i>Analytical Letters</i> , 1992 , 25, 1309-1329	2.2	12
101	Fluorescent pH nanosensor based on carbon nanodots for monitoring minor intracellular pH changes. <i>RSC Advances</i> , 2016 , 6, 104657-104664	3.7	12
100	Nitrite electrochemical sensor for food analysis based on direct immobilization of hemoglobin on multi-walled carbon nanotube ionic liquid electrode. <i>Journal of the Iranian Chemical Society</i> , 2014 , 11, 1217-1222	2	11
99	Electrochemical study of weak inclusion complex interactions by simultaneous MCR-ALS analyses of potential step-chronoamperometric data matrices. <i>Analytical Methods</i> , 2012 , 4, 1776	3.2	11
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