

Afsaneh Safavi

List of Publications by Year in descending order

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249
papers

8,949
citations

34016

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82
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254
all docs

254
docs citations

254
times ranked

8273
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Carbon Composite Electrode Based on an Ionic Liquid as a Binder. <i>Analytical Chemistry</i> , 2006, 78, 3820-3826.	3.2	491
2	Simultaneous determination of dopamine, ascorbic acid, and uric acid using carbon ionic liquid electrode. <i>Analytical Biochemistry</i> , 2006, 359, 224-229.	1.1	375
3	Fabrication of a glucose sensor based on a novel nanocomposite electrode. <i>Biosensors and Bioelectronics</i> , 2009, 24, 1655-1660.	5.3	284
4	Simultaneous Electrochemical Determination of Glutathione and Glutathione Disulfide at a Nanoscale Copper Hydroxide Composite Carbon Ionic Liquid Electrode. <i>Analytical Chemistry</i> , 2009, 81, 7538-7543.	3.2	177
5	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.	2.6	168
6	Palladium nanoparticle decorated carbon ionic liquid electrode for highly efficient electrocatalytic oxidation and determination of hydrazine. <i>Analytica Chimica Acta</i> , 2008, 611, 151-155.	2.6	168
7	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, 2547-2552.	5.3	163
8	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, 2897-2901.	2.0	145
9	Flow injection chemiluminescence determination of hydrazine by oxidation with chlorinated isocyanurates. <i>Talanta</i> , 2002, 58, 785-792.	2.9	143
10	Highly efficient degradation of azo dyes by palladium/hydroxyapatite/Fe ₃ O ₄ nanocatalyst. <i>Journal of Hazardous Materials</i> , 2012, 201-202, 125-131.	6.5	142
11	Novel optical pH sensor for high and low pH values. <i>Sensors and Actuators B: Chemical</i> , 2003, 90, 143-150.	4.0	131
12	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.	2.1	128
13	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.	2.3	127
14	Efficient electrocatalysis of L-cysteine oxidation at carbon ionic liquid electrode. <i>Analytical Biochemistry</i> , 2007, 369, 149-153.	1.1	122
15	Highly stable electrochemical oxidation of phenolic compounds at carbon ionic liquid electrode. <i>Analyst</i> , 2007, 132, 54-58.	1.7	118
16	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.	4.0	110
17	Flow injection chemiluminescence determination of hydrazine. <i>Analytica Chimica Acta</i> , 1998, 358, 121-125.	2.6	103
18	Electrocatalytic oxidation of formaldehyde on palladium nanoparticles electrodeposited on carbon ionic liquid composite electrode. <i>Journal of Electroanalytical Chemistry</i> , 2009, 626, 75-79.	1.9	102

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19	Kinetic spectrophotometric determination of hydrazine. <i>Analytica Chimica Acta</i> , 1995, 300, 307-311.	2.6	99
20	Electrodeposited Silver Nanoparticles on Carbon Ionic Liquid Electrode for Electrocatalytic Sensing of Hydrogen Peroxide. <i>Electroanalysis</i> , 2009, 21, 1533-1538.	1.5	96
21	High electrocatalytic effect of palladium nanoparticle arrays electrodeposited on carbon ionic liquid electrode. <i>Electrochemistry Communications</i> , 2007, 9, 1963-1968.	2.3	95
22	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.	4.2	90
23	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.	6.6	82
24	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.	2.3	81
25	Deep eutectic water binary solvent associations investigated by vibrational spectroscopy and chemometrics. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18463-18473.	1.3	81
26	Nucleic acid-based electrochemical nanobiosensors. <i>Biosensors and Bioelectronics</i> , 2018, 102, 479-489.	5.3	80
27	Optical sensor for high pH values. <i>Analytica Chimica Acta</i> , 1998, 367, 167-173.	2.6	79
28	Flow injection chemiluminescence determination of sulfide by oxidation with N-bromosuccinimide and N-chlorosuccinimide. <i>Talanta</i> , 2002, 57, 491-500.	2.9	78
29	Phase behavior and characterization of ionic liquids based microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 355, 61-66.	2.3	75
30	Investigation of the Role of Ionic Liquids in Imparting Electrocatalytic Behavior to Carbon Paste Electrode. <i>Electroanalysis</i> , 2007, 19, 2247-2250.	1.5	74
31	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, 43-48.	2.6	74
32	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.	1.5	73
33	Electrocatalytic behaviors of silver-palladium nanoalloys modified carbon ionic liquid electrode towards hydrogen evolution reaction. <i>Fuel</i> , 2014, 118, 156-162.	3.4	73
34	Effect of gold nanoparticle as a novel nanocatalyst on luminol-hydrazine chemiluminescence system and its analytical application. <i>Analytica Chimica Acta</i> , 2008, 610, 243-248.	2.6	71
35	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.	4.0	67
36	A novel optical sensor for uranium determination. <i>Analytica Chimica Acta</i> , 2005, 530, 55-60.	2.6	64

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37	One-pot synthesis of large scale graphene nanosheets from graphiteâ€“liquid crystal composite via thermal treatment. <i>Journal of Materials Chemistry</i> , 2012, 22, 3825.	6.7	64
38	Facile approach to the synthesis of carbon nanodots and their peroxidase mimetic function in azo dyes degradation. <i>RSC Advances</i> , 2012, 2, 7367.	1.7	62
39	Single-step calibration, prediction and real samples data acquisition for artificial neural network using a CCD camera. <i>Talanta</i> , 2004, 64, 830-835.	2.9	61
40	Hydrogen peroxide biosensor based on a myoglobin/hydrophilic room temperature ionic liquid film. <i>Analytical Biochemistry</i> , 2010, 402, 20-25.	1.1	61
41	Electrochemically deposited hybrid nickelâ€“cobalt hexacyanoferrate nanostructures for electrochemical supercapacitors. <i>Electrochimica Acta</i> , 2011, 56, 9191-9196.	2.6	61
42	Electrocatalytic Oxidation of Tryptophan at Gold Nanoparticleâ€“Modified Carbon Ionic Liquid Electrode. <i>Electroanalysis</i> , 2010, 22, 2848-2855.	1.5	60
43	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, 207-212.	2.6	59
44	Ion release from orthodontic brackets in 3â€“mouthwashes: An in-vitro study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011, 139, 730-734.	0.8	59
45	Directly silica bonded analytical reagents: synthesis of 2-mercaptobenzothiazoleâ€“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.	3.9	58
46	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, 140-146.	2.6	56
47	Glycerolâ€“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.	2.6	55
48	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.	2.3	54
49	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.	2.6	54
50	Ionic Liquids Modify the Performance of Carbon Based Potentiometric Sensors. <i>Electroanalysis</i> , 2007, 19, 582-586.	1.5	54
51	Colorimetric sensing of silver ion based on anti aggregation of gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 609-615.	4.0	54
52	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.	2.3	54
53	Flow injection determination of isoniazid using N-bromosuccinimide- and N-chlorosuccinimide-luminol chemiluminescence systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 30, 1499-1506.	1.4	53
54	Artificial neural networks for simultaneous spectrophotometric differential kinetic determination of Co(II) and V(IV). <i>Talanta</i> , 2003, 59, 515-523.	2.9	53

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55	Development of a sensitive and selective Riboflavin sensor based on carbon ionic liquid electrode. <i>Analytica Chimica Acta</i> , 2010, 674, 176-181.	2.6	53
56	Simultaneous kinetic determination of Fe(III) and Fe(II) by H-point standard addition method. <i>Talanta</i> , 2002, 56, 699-704.	2.9	50
57	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.	2.3	50
58	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.	2.6	48
59	Sensitive indirect spectrophotometric determination of isoniazid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 765-769.	2.0	46
60	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.	2.6	44
61	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.	4.0	44
62	Design and evaluation of a thorium (IV) selective optode. <i>Analytica Chimica Acta</i> , 2006, 567, 184-188.	2.6	44
63	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.	2.6	43
64	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.	1.7	43
65	Targeted Detection of Single-Nucleotide Variations: Progress and Promise. <i>ACS Sensors</i> , 2019, 4, 792-807.	4.0	42
66	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.	4.1	40
67	Determination of selenium in water and soil by hydride generation atomic absorption spectrometry using solid reagents. <i>Talanta</i> , 2005, 66, 858-862.	2.9	40
68	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.	4.1	40
69	Selective and efficient uphill transport of Cu(II) through liquid membrane. <i>Talanta</i> , 1995, 42, 2039-2042.	2.9	39
70	Highly efficient and stable palladium nanocatalysts supported on an ionic liquid-modified xerogel. <i>Chemical Communications</i> , 2008, , 6155.	2.2	39
71	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.	3.8	39
72	Blue-emitting copper nanoparticles as a fluorescent probe for detection of cyanide ions. <i>Talanta</i> , 2017, 175, 514-521.	2.9	38

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73	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.	2.5	37
74	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
75	Flow injection chemiluminescence determination of pyrogallol. <i>Analytica Chimica Acta</i> , 1998, 368, 113-116.	2.6	35
76	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, 727-734.	2.9	35
77	CCD camera full range pH sensor array. <i>Talanta</i> , 2007, 71, 498-501.	2.9	35
78	Interaction of anionic dyes and cationic surfactants with ionic liquid character. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 274-280.	5.0	35
79	Electrochemical determination of triclosan at a mercury electrode. <i>Analytica Chimica Acta</i> , 2003, 494, 225-233.	2.6	34
80	Selective determination of ultra trace concentrations of molybdenum by catalytic adsorptive stripping voltammetry. <i>Analytica Chimica Acta</i> , 1999, 396, 215-220.	2.6	33
81	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.	1.6	33
82	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, 196-199.	2.0	33
83	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.	4.0	33
84	Indirect simultaneous kinetic determination of semicarbazide and hydrazine in micellar media by H-point standard addition method. <i>Talanta</i> , 2003, 59, 147-153.	2.9	32
85	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.	2.6	31
86	Design and Characterization of Liquid Crystal ⁺ Graphite Composite Electrodes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6132-6140.	1.5	31
87	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.	10.8	31
88	Silver ⁺ Palladium Nanoalloys Modified Carbon Ionic Liquid Electrode with Enhanced Electrocatalytic Activity Towards Formaldehyde Oxidation. <i>Electroanalysis</i> , 2012, 24, 1981-1988.	1.5	31
89	Flow injection analysis of sulphite by gas-phase molecular absorption UV/VIS spectrophotometry. <i>Talanta</i> , 1997, 44, 1009-1016.	2.9	30
90	Selective transport of silver ions through bulk liquid membrane using Victoria blue as carrier. <i>Talanta</i> , 1999, 48, 1167-1172.	2.9	30

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91	Modification of chemical performance of dopants in xerogel films with entrapped ionic liquid. <i>Journal of Materials Chemistry</i> , 2007, 17, 1674.	6.7	30
92	Simultaneous electrochemical determination of L-cysteine and L-cysteine disulfide at carbon ionic liquid electrode. <i>Amino Acids</i> , 2014, 46, 1079-1085.	1.2	29
93	Kinetic spectrophotometric determination of traces of sulfide. <i>Talanta</i> , 1997, 44, 1225-1230.	2.9	28
94	Thermodynamic characterization of weak association equilibria accompanied with spectral overlapping by a SVD-based chemometric method. <i>Talanta</i> , 2001, 53, 1001-1007.	2.9	28
95	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.	1.0	28
96	Electrochemical determination of 2,4-D at a mercury electrode. <i>Analytica Chimica Acta</i> , 2005, 530, 69-74.	2.6	28
97	Catalytic determination of traces of oxalic acid in vegetables and water samples using a novel optode. <i>Food Chemistry</i> , 2007, 105, 1106-1111.	4.2	28
98	Electrocatalytic oxidation of thiourea on graphene nanosheets@Ag nanoparticles hybrid ionic liquid electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 668-672.	4.0	28
99	Kinetic spectrophotometric determination of ascorbic acid by reduction of toluidine blue. <i>Talanta</i> , 1994, 41, 1225-1228.	2.9	27
100	Efficient preconcentration and determination of traces of aluminum ion using silica-bonded glycerol sorbent. <i>Journal of Hazardous Materials</i> , 2009, 162, 333-337.	6.5	27
101	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.	2.6	26
102	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, 622-629.	6.5	26
103	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.	2.3	26
104	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.	1.7	26
105	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.	1.7	26
106	Highly sensitive and selective measurements of cobalt by catalytic adsorptive cathodic stripping voltammetry. <i>Talanta</i> , 2000, 51, 1117-1123.	2.9	25
107	Simultaneous determination of V(IV) and Fe(II) as catalyst using artificial neural networks through a single catalytic kinetic run. <i>Analytica Chimica Acta</i> , 2001, 432, 229-233.	2.6	25
108	Indirect determination of hexavalent chromium ion in complex matrices by adsorptive stripping voltammetry at a mercury electrode. <i>Talanta</i> , 2006, 68, 1113-1119.	2.9	25

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109	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.	2.5	25
110	Simultaneous kinetic determination of levodopa and carbidopa by H-point standard addition method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 313-318.	1.4	24
111	Development of an optode membrane for high pH values. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 575-577.	2.0	24
112	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
113	Silver paste nanocomposite electrode as a new metallic electrode for amperometric determination of hydrazine. <i>Analytical Methods</i> , 2012, 4, 2233.	1.3	23
114	RING OPENING OF EPOXIDES WITH CARBOXYLATES AND PHENOXIDES IN MICELLAR MEDIA CATALYZED WITH Ce(OTf) ₄ . <i>Synthetic Communications</i> , 2002, 32, 2287-2293.	1.1	22
115	Determination of Copper by Adsorptive Stripping Voltammetry of Its Complex with Adenine. <i>Electroanalysis</i> , 2002, 14, 929.	1.5	22
116	Kinetic spectrophotometric determination of traces of sulphite. <i>Analytica Chimica Acta</i> , 1991, 252, 121-126.	2.6	21
117	Simultaneous flow injection determination of iron(II) and iron(III) with opto-electrochemical detection. <i>Analytica Chimica Acta</i> , 1997, 354, 43-50.	2.6	21
118	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.	1.3	21
119	Sensitive spectrophotometric kinetic determination of osmium by catalysis of the pyrogallol red-bromate reaction. <i>Analytica Chimica Acta</i> , 1991, 244, 231-236.	2.6	20
120	Simultaneous kinetic determination of sulfite and sulfide using artificial neural networks. <i>Talanta</i> , 2004, 62, 51-56.	2.9	20
121	Synthesis of gold nanoflowers using deep eutectic solvent with high surface enhanced Raman scattering properties. <i>Materials Research Express</i> , 2016, 3, 095006.	0.8	20
122	Spectrofluorimetric kinetic determination of selenium (IV) by flow injection analysis in cationic micellar medium. <i>Talanta</i> , 2000, 51, 225-230.	2.9	19
123	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.	3.9	19
124	Synthesis of biologically stable gold nanoparticles using imidazolium-based amino acid ionic liquids. <i>Amino Acids</i> , 2012, 43, 1323-1330.	1.2	19
125	Fluorescent carbon nanodots for optical detection of fluoride ion in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 1554-1560.	4.0	19
126	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.	1.5	18

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127	Dipicrylamine-modified triacetylcellulose membrane for optical pH and potassium ion measurement. <i>Analytica Chimica Acta</i> , 1996, 335, 227-233.	2.6	18
128	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.	2.6	18
129	Design of an optical sensor for indirect determination of isoniazid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 735-739.	2.0	18
130	Electrochemical Design of Ultrathin Palladium Coated Gold Nanoparticles as Nanostructured Catalyst for Amperometric Detection of Formaldehyde. <i>Electroanalysis</i> , 2011, 23, 1842-1848.	1.5	18
131	Fluorescent pH nanosensor based on carbon nanodots for monitoring minor intracellular pH changes. <i>RSC Advances</i> , 2016, 6, 104657-104664.	1.7	18
132	Catalytic Spectrophotometric Determination of Selenium. <i>Analytical Letters</i> , 1995, 28, 1095-1105.	1.0	17
133	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.	1.0	17
134	Simultaneous Kinetic Determination of Paracetamol and p-Aminophenol by Using H ₂ O ₂ Point Standard Addition Method. <i>Analytical Letters</i> , 2004, 37, 2337-2349.	1.0	17
135	A PVC-membrane bulk optode for gallium(III) ion determination. <i>Talanta</i> , 2007, 71, 339-343.	2.9	17
136	Direct Electrochemistry and Electrocatalytic Properties of Hemoglobin Immobilized on Carbon Nanotubes Ionic Liquid Electrode. <i>Electroanalysis</i> , 2012, 24, 1386-1393.	1.5	17
137	Spectrophotometric determination of vanadium in different oxidation states with pyrogallol. <i>Talanta</i> , 1992, 39, 281-284.	2.9	16
138	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.	2.6	16
139	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, 115-121.	2.6	16
140	High-yield synthesis, characterization, self-assembly of extremely thin gold nanosheets in sugar based deep eutectic solvents and their high electrocatalytic activity. <i>Journal of Molecular Liquids</i> , 2019, 279, 208-223.	2.3	16
141	Flow-injection determination of traces of formaldehyde by the Brilliant Green [®] sulphite reaction with spectrophotometric detection. <i>Analytica Chimica Acta</i> , 1991, 252, 167-171.	2.6	15
142	Application of artificial neural networks as a technique for interference removal: kinetic [®] spectrophotometric determination of trace amounts of Se(IV) in the presence of Te(IV). <i>Talanta</i> , 2001, 55, 1227-1233.	2.9	15
143	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.	0.9	15
144	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.	1.9	14

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