

Marek Trojanowicz

List of Publications by Year in descending order

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188
papers

6,843
citations

57758

44
h-index

79698

73
g-index

206
all docs

206
docs citations

206
times ranked

6285
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical applications of carbon nanotubes: a review. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 480-489.	11.4	662
2	Advanced Oxidation/Reduction Processes treatment for aqueous perfluorooctanoate (PFOA) and perfluorooctanesulfonate (PFOS) – A review of recent advances. <i>Chemical Engineering Journal</i> , 2018, 336, 170-199.	12.7	390
3	Determination of organophosphate pesticides at a carbon nanotube/organophosphorus hydrolase electrochemical biosensor. <i>Analytica Chimica Acta</i> , 2005, 530, 185-189.	5.4	251
4	Functionalized Cellulose Sorbents for Preconcentration of Trace Metals in Environmental Analysis. <i>Critical Reviews in Analytical Chemistry</i> , 1999, 29, 313-321.	3.5	198
5	Recent advances in flow injection analysis. <i>Analyst, The</i> , 2016, 141, 2085-2139.	3.5	146
6	Inhibitive determination of mercury and other metal ions by potentiometric urea biosensor. <i>Biosensors and Bioelectronics</i> , 2000, 15, 681-691.	10.1	140
7	Investigation of natural dyes occurring in historical Coptic textiles by high-performance liquid chromatography with UV-Vis and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2003, 1012, 179-192.	3.7	134
8	Application of Conducting Polymers in Chemical Analysis. <i>Mikrochimica Acta</i> , 2003, 143, 75-91.	5.0	120
9	Recent developments in electrochemical flow detections – A review. <i>Analytica Chimica Acta</i> , 2009, 653, 36-58.	5.4	117
10	Determination of Pesticides Using Electrochemical Enzymatic Biosensors. <i>Electroanalysis</i> , 2002, 14, 1311-1328.	2.9	115
11	Enantioselective electrochemical sensors and biosensors: A mini-review. <i>Electrochemistry Communications</i> , 2014, 38, 47-52.	4.7	99
12	Electrochemical biosensors based on enzymes immobilized in electropolymerized films. <i>Mikrochimica Acta</i> , 1995, 121, 167-181.	5.0	95
13	Identification of natural dyes in archeological Coptic textiles by liquid chromatography with diode array detection. <i>Journal of Chromatography A</i> , 2003, 989, 239-248.	3.7	94
14	Limitation of linear response in flow-injection systems with ion-selective electrodes. <i>Analytica Chimica Acta</i> , 1982, 138, 71-79.	5.4	90
15	Potentiometric flow-injection determination of chloride. <i>Analytica Chimica Acta</i> , 1983, 151, 77-84.	5.4	81
16	Liquid chromatography determination of natural dyes in extracts from historical Scottish textiles excavated from peat bogs. <i>Journal of Chromatography A</i> , 2006, 1112, 209-217.	3.7	79
17	Impact of nanotechnology on design of advanced screen-printed electrodes for different analytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 84, 22-47.	11.4	78
18	Recent developments in methods for analysis of perfluorinated persistent pollutants. <i>Mikrochimica Acta</i> , 2013, 180, 957-971.	5.0	76

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19	Graphite paste-based enzymatic glucose electrode for flow injection analysis. <i>Analyst, The</i> , 1988, 113, 735.	3.5	74
20	Carbon Nanotubes-Modified Screen-Printed Electrodes for Chemical Sensors and Biosensors. <i>Analytical Letters</i> , 2004, 37, 3185-3204.	1.8	74
21	HPLC-MS of anthraquinoids, flavonoids, and their degradation products in analysis of natural dyes in archeological objects. <i>Journal of Separation Science</i> , 2007, 30, 2070-2079.	2.5	70
22	Electrochemical Chiral Sensors and Biosensors. <i>Electroanalysis</i> , 2009, 21, 229-238.	2.9	69
23	Electroanalytical Flow Measurements-Recent Advances. <i>Electroanalysis</i> , 2003, 15, 347-365.	2.9	67
24	Historical and archaeological textiles: An insight on degradation products of wool and silk yarns. <i>Journal of Chromatography A</i> , 2011, 1218, 5837-5847.	3.7	67
25	Removal of persistent organic pollutants (POPs) from waters and wastewaters by the use of ionizing radiation. <i>Science of the Total Environment</i> , 2020, 718, 134425.	8.0	65
26	Flame AAS determination of lead in water with flow-injection preconcentration and speciation using functionalized cellulose sorbent. <i>Talanta</i> , 1995, 42, 851-860.	5.5	63
27	Recent developments in electrochemical flow detections- A review. <i>Analytica Chimica Acta</i> , 2011, 688, 8-35.	5.4	63
28	Determination of pesticides using electrochemical biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 1996, 15, 38-45.	11.4	61
29	Towards the protein phosphatase-based biosensor for microcystin detection. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1520-1530.	10.1	61
30	Potentiometric flow-injection determination of copper-complexing inorganic anions with a copper-wire indicator electrode. <i>Analytical Chemistry</i> , 1984, 56, 2417-2422.	6.5	58
31	Electrochemical and Piezoelectric Enantioselective Sensors and Biosensors. <i>Analytical Letters</i> , 2005, 38, 523-547.	1.8	57
32	Determination of chromium in different oxidation states by selective on-line preconcentration on cellulose sorbents and flow-injection flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 1994, 288, 247-257.	5.4	56
33	Decomposition of 2,4-dichlorophenoxyacetic acid by ozonation, ionizing radiation as well as ozonation combined with ionizing radiation. <i>Radiation Physics and Chemistry</i> , 2004, 69, 281-287.	2.8	56
34	Enantioselective screen-printed amperometric biosensor for the determination of d-amino acids. <i>Bioelectrochemistry</i> , 2007, 71, 91-98.	4.6	55
35	Application of carboxymethyl- β -cyclodextrin as a chiral selector in capillary electrophoresis for enantiomer separation of selected neurotransmitters. <i>Journal of Chromatography A</i> , 2001, 926, 327-336.	3.7	54
36	Determination of amino acids in saliva using capillary electrophoresis with fluorimetric detection. <i>Journal of Proteomics</i> , 2006, 67, 37-47.	2.4	48

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37	Enzyme inhibition-based biosensor for the electrochemical detection of microcystins in natural blooms of cyanobacteria. <i>Talanta</i> , 2007, 72, 179-186.	5.5	48
38	Effect of addition of main ion to carrier solution in potentiometric flow-injection measurements with solid state ion-selective electrodes. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1987, 328, 27-32.	0.8	47
39	Ion chromatographic speciation of chromium with diphenylcarbazide-based spectrophotometric detection. <i>Journal of Chromatography A</i> , 1996, 736, 141-150.	3.7	47
40	Chromatographic Investigation of Dyes Extracted from Coptic Textiles from the National Museum in Warsaw. <i>Studies in Conservation</i> , 2004, 49, 115-130.	1.1	47
41	Comparison of different advanced degradation processes for the removal of the pharmaceutical compounds diclofenac and carbamazepine from liquid solutions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27704-27723.	5.3	47
42	Application of ionizing radiation in decomposition of perfluorooctanoate (PFOA) in waters. <i>Chemical Engineering Journal</i> , 2019, 357, 698-714.	12.7	47
43	Preconcentration and separation of inorganic selenium species on activated alumina. <i>Analytica Chimica Acta</i> , 1998, 363, 141-146.	5.4	46
44	Can radiation chemistry supply a highly efficient AO(R)P process for organics removal from drinking and waste water? A review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20187-20208.	5.3	46
45	Simultaneous determination of nitrite and nitrate in water using flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1992, 261, 391-398.	5.4	45
46	Flow injection amperometric detection of ammonia using a polypyrrole-modified electrode and its application in urea and creatinine biosensors. <i>Electroanalysis</i> , 1996, 8, 233-243.	2.9	45
47	Flow Chemistry in Contemporary Chemical Sciences: A Real Variety of Its Applications. <i>Molecules</i> , 2020, 25, 1434.	3.8	45
48	Identification of Natural Dyestuff in Archeological Coptic Textiles by HPLC with Fluorescence Detection. <i>Analytical Letters</i> , 2003, 36, 1211-1229.	1.8	41
49	Simultaneous flow-injection determination of aluminium and zinc using LED photometric detection. <i>Analytica Chimica Acta</i> , 1990, 230, 125-130.	5.4	40
50	A feasibility study of UHPLC-HRMS accurate-mass screening methods for multiclass testing of organic contaminants in food. <i>Talanta</i> , 2016, 160, 704-712.	5.5	37
51	Application of ionizing radiation in decomposition of perfluorooctane sulfonate (PFOS) in aqueous solutions. <i>Chemical Engineering Journal</i> , 2020, 379, 122303.	12.7	37
52	Potentiometric pH detection in suppressed ion chromatography. <i>Analytical Chemistry</i> , 1989, 61, 787-789.	6.5	35
53	Determination of triorganotin compounds by ion chromatography and capillary electrophoresis with preconcentration using solid-phase extraction. <i>Journal of Chromatography A</i> , 1995, 718, 329-338.	3.7	35
54	Chemical speciation by flow-injection analysis. A review. <i>Talanta</i> , 1996, 43, 825-838.	5.5	35

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55	Bilayer lipid membrane glucose biosensors with improved stability and sensitivity. <i>Electrochimica Acta</i> , 2001, 46, 1053-1061.	5.2	35
56	Separation of chlorine-containing anions by ion chromatography and capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997, 777, 375-381.	3.7	34
57	Radiolytic degradation of herbicide 4-chloro-2-methyl phenoxyacetic acid (MCPA) by \hat{I}^3 -radiation for environmental protection. <i>Ecotoxicology and Environmental Safety</i> , 2006, 65, 265-277.	6.0	33
58	Automation of sample processing for ICP-MS determination of ^{90}Sr radionuclide at ppq level for nuclear technology and environmental purposes. <i>Talanta</i> , 2017, 169, 216-226.	5.5	33
59	Monitoring of toxicity during degradation of selected pesticides using ionizing radiation. <i>Chemosphere</i> , 2004, 57, 135-145.	8.2	32
60	Identification of "insoluble" red dyewoods by high performance liquid chromatography-photodiode array detection (HPLC-PDA) fingerprinting. <i>Journal of Separation Science</i> , 2004, 27, 209-216.	2.5	31
61	Selective flow-injection determination of residual chlorine at low levels by amperometric detection with two polarized platinum electrodes. <i>Analytica Chimica Acta</i> , 1988, 207, 59-65.	5.4	30
62	On-line preconcentration techniques in determination of melatonin and its precursors/metabolites using micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2006, 1104, 337-345.	3.7	30
63	HPLC determination of perfluorinated carboxylic acids with fluorescence detection. <i>Mikrochimica Acta</i> , 2011, 172, 409-417.	5.0	30
64	A review of flow analysis methods for determination of radionuclides in nuclear wastes and nuclear reactor coolants. <i>Talanta</i> , 2018, 183, 70-82.	5.5	30
65	Separation and determination of perfluorinated carboxylic acids using capillary zone electrophoresis with indirect photometric detection. <i>Journal of Chromatography A</i> , 2006, 1128, 290-297.	3.7	29
66	Flow injection potentiometry for low level measurements in the presence of sensed ion in the carrier. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1987, 328, 653-656.	0.8	28
67	Determination of microcystins in environmental samples using capillary electrophoresis. <i>Journal of Proteomics</i> , 2006, 66, 87-97.	2.4	28
68	Use of Ionomer Membranes To Enhance the Selectivity of Electrode-Based Biosensors in Flow-Injection Analysis. <i>Analytical Chemistry</i> , 1990, 62, 2418-2424.	6.5	27
69	Catechol monophosphate as a new substrate for screen-printed amperometric biosensors with immobilized phosphatases. <i>Sensors and Actuators B: Chemical</i> , 2006, 113, 787-796.	7.8	27
70	Application of Molecularly Imprinted Polymers in the Analysis of Waters and Wastewaters. <i>Molecules</i> , 2021, 26, 6515.	3.8	27
71	Flow-injection potentiometric determination of free cadmium ions with a cadmium ion-selective electrode. <i>Analytica Chimica Acta</i> , 1998, 370, 267-278.	5.4	26
72	Batch-injection stripping voltammetry (tube-less flow-injection analysis) of trace metals with on-line sample pretreatment. <i>Talanta</i> , 2005, 68, 394-400.	5.5	26

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73	Continuous potentiometric determination of sulphate in a differential flow system. <i>Analytica Chimica Acta</i> , 1980, 114, 293-301.	5.4	25
74	Potentiometric flow-injection determination of copper-complexing organic ligands with a copper-wire indicating electrode. <i>Analytica Chimica Acta</i> , 1985, 171, 151-163.	5.4	24
75	Replacement ion chromatography with potentiometric detection using a potassium-selective membrane electrode. <i>Analytica Chimica Acta</i> , 1989, 222, 95-107.	5.4	24
76	Flow-injection biamperometry of phenothiazine derivatives. <i>Analytica Chimica Acta</i> , 1994, 289, 339-346.	5.4	24
77	Radiolytic degradation of pesticide 4-chloro-2-methylphenoxyacetic acid (MCPA) – Experimental data and kinetic modelling. <i>Radiation Physics and Chemistry</i> , 2007, 76, 1806-1814.	2.8	24
78	Flow-injection potentiometric determination of residual chlorine in water. <i>Analytica Chimica Acta</i> , 1982, 136, 85-92.	5.4	23
79	Simultaneous enzymatic/electrochemical determination of glucose and L-glutamine in hybridoma media by flow-injection analysis. <i>Biotechnology and Bioengineering</i> , 1993, 41, 964-969.	3.3	23
80	A potentiometric polypyrrole-based glucose biosensor. <i>Electroanalysis</i> , 1996, 8, 263-266.	2.9	23
81	Separation of perfluorocarboxylic acids using capillary electrophoresis with UV detection. <i>Electrophoresis</i> , 2005, 26, 1080-1088.	2.4	23
82	Determination of fluoride as fluorosilane derivative using reversed-phase HPLC with UV detection for determination of total organic fluorine. <i>Journal of Separation Science</i> , 2010, 33, 2636-2644.	2.5	23
83	Application of ionizing radiation for removal of endocrine disruptor bisphenol A from waters and wastewaters. <i>Chemical Engineering Journal</i> , 2021, 403, 126169.	12.7	23
84	Post-column deprotonation and complexation in HPLC as a tool for identification and structure elucidation of compounds from natural dyes of historical importance. <i>Mikrochimica Acta</i> , 2008, 162, 393-404.	5.0	22
85	Direct potentiometric determination of calcium in waters with a constant complexation buffer. <i>Analytica Chimica Acta</i> , 1974, 68, 155-160.	5.4	21
86	Flow injection flame atomic absorption spectrometric determination of copper with preconcentration on ligand loaded amberlite XAD-2. <i>Journal of Analytical Atomic Spectrometry</i> , 1992, 7, 323.	3.0	21
87	Simultaneous determination of sucrose and reducing sugars using indirect flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1993, 271, 239-246.	5.4	21
88	Application of flow analysis in determination of selected radionuclides. <i>Talanta</i> , 2014, 125, 131-145.	5.5	21
89	Flow chemistry vs. flow analysis. <i>Talanta</i> , 2016, 146, 621-640.	5.5	21
90	A survey of analytical methods employed for monitoring of Advanced Oxidation/Reduction Processes for decomposition of selected perfluorinated environmental pollutants. <i>Talanta</i> , 2018, 177, 122-141.	5.5	21

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91	Direct and replacement ion chromatography with potentiometric detection using a silver/silver bromide electrode. <i>Analytica Chimica Acta</i> , 1989, 222, 109-119.	5.4	20
92	Potentiometric stripping determination of nickel at a dimethylglyoxime-containing graphite paste electrode. <i>Talanta</i> , 1989, 36, 680-682.	5.5	20
93	Flow-injection analysis with potentiometric detection for the speciation of fluoride and calcium. <i>Analytica Chimica Acta</i> , 1998, 366, 23-33.	5.4	20
94	Determination of melatonin and its precursors and metabolites using capillary electrophoresis with UV and fluorometric detection. <i>Journal of Separation Science</i> , 2005, 28, 2165-2172.	2.5	20
95	Determination of Total Organic Fluorine (TOF) in environmental samples using flow-injection and chromatographic methods. <i>Analytical Methods</i> , 2011, 3, 1039.	2.7	20
96	Elimination of interferences in flow-injection amperometric determination of glucose in blood serum using immobilized glucose oxidase. <i>Electroanalysis</i> , 1990, 2, 607-615.	2.9	19
97	Flow-injection ultraviolet spectrophotometric determination of sulphate in natural waters. <i>Analytica Chimica Acta</i> , 1990, 228, 287-292.	5.4	19
98	Biosensing in high-performance chemical separations. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 92-106.	11.4	19
99	Flow-injection single-point titration of acids with amperometric detection at polarized platinum electrodes. <i>Analytica Chimica Acta</i> , 1987, 194, 269-274.	5.4	18
100	Flow-injection preconcentration of Co(II) on 1-nitroso-2-naphthol-3,6-disulphonate-modified alumina for flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 1994, 287, 247-252.	5.4	18
101	Flow-through microdispenser for interfacing HPLC to Raman and mid-IR spectroscopic detection. <i>Journal of Chromatography A</i> , 2005, 1080, 132-139.	3.7	18
102	Flow-injection potentiometric determination of creatinine in urine using sub-Nernstian linear response range. <i>Electroanalysis</i> , 1993, 5, 113-120.	2.9	17
103	Analytical applications of planar bilayer lipid membranes. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 347-350.	3.7	17
104	Enantioselectivity of potentiometric sensors with application of different mechanisms of chiral discrimination. <i>Journal of Proteomics</i> , 2008, 70, 1261-1267.	2.4	17
105	Clothes detection and classification using convolutional neural networks. , 2017, , .		17
106	A comparison study on the use of Dowex 1 and TEVA-resin in determination of ⁹⁹ Tc in environmental and nuclear coolant samples in a SIA system with ICP-MS detection. <i>Talanta</i> , 2018, 184, 527-536.	5.5	17
107	Capillary electrophoretic determination of main components of natural dyes with MS detection. <i>Journal of Separation Science</i> , 2008, 31, 2457-2462.	2.5	16
108	Simultaneous enzymatic determination of glucose and ascorbic acid using flow-injection amperometry. <i>Electroanalysis</i> , 1990, 2, 147-153.	2.9	15

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109	Speciation of Chromium by Ion-Pair Chromatography with Postcolumn Spectrophotometric Detection. <i>Analytical Letters</i> , 1992, 25, 1373-1387.	1.8	15
110	Flow-injection analysis using Fourier transform of a multiple injection signal. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1994, 22, 221-228.	3.5	15
111	Amperometric sensing of ammonia in aqueous solutions using a polyaniline-modified electrode in flow injection systems. <i>Electroanalysis</i> , 1997, 9, 1062-1066.	2.9	15
112	Flow-injection sample preconcentration for ion-pair chromatography of trace metals in waters. <i>Water Research</i> , 2003, 37, 2019-2026.	11.3	15
113	Net Charge and Electrophoretic Mobility of Lysozyme Charge Ladders in Solutions of Nonionic Surfactant. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5503-5510.	2.6	15
114	Flow-injection determination of total organic fluorine with off-line defluorination reaction on a solid sorbent bed. <i>Analytica Chimica Acta</i> , 2007, 600, 147-154.	5.4	15
115	Modern chemical analysis in archaeometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 915-918.	3.7	15
116	Flow-injection analysis as a tool for determination of pharmaceutical residues in aqueous environment. <i>Talanta</i> , 2012, 96, 3-10.	5.5	15
117	Selective determination of sulphide based on photoluminescence quenching of MPA-capped CdTe nanocrystals by exploiting a gas-diffusion multi-pumping flow method. <i>Analytical Methods</i> , 2014, 6, 7956-7966.	2.7	15
118	Application of Capillary Electrophoresis for Determination of Inorganic Analytes in Waters. <i>Molecules</i> , 2021, 26, 6972.	3.8	15
119	Multiple potentiometric system for continuous determination of chloride, fluoride, nitrate and ammonia in natural waters. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1981, 308, 7-10.	0.8	14
120	Real-time digital filters for signal processing in flow-injection analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 509-519.	5.4	14
121	Real-time digital filters for signal processing in flow-injection analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 521-531.	5.4	14
122	Catalytic determination of copper in blood plasma using flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1993, 281, 299-304.	5.4	14
123	Potentiometric detection in ion chromatography using multi-ionophore membrane electrodes. <i>Journal of Chromatography A</i> , 1993, 648, 283-288.	3.7	14
124	Limitations in the Analytical Use of Invertase Inhibition for the Screening of Trace Mercury Content in Environmental Samples. <i>Analytical Sciences</i> , 2004, 20, 899-904.	1.6	14
125	Zone electrophoresis separation of perfluorocarboxylic acids on a chip with conductivity detection. <i>Journal of Separation Science</i> , 2005, 28, 1271-1277.	2.5	14
126	Capillary electrophoresis speciation of chromium in leather tanning liquor. <i>Electrophoresis</i> , 2003, 24, 2259-2263.	2.4	13

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127	Chromatographic and capillary electrophoretic determination of microcystins. <i>Journal of Separation Science</i> , 2010, 33, 359-371.	2.5	13
128	Flow-Injection Preconcentration of Chloramphenicol Using Molecularly Imprinted Polymer for HPLC Determination in Environmental Samples. <i>Journal of Automated Methods and Management in Chemistry</i> , 2011, 2011, 1-10.	0.5	13
129	Gamma-ray, X-ray and Electron Beam Based Processes. , 2018, , 257-331.		13
130	Flow-Injection Methods in Water Analysis – Recent Developments. <i>Molecules</i> , 2022, 27, 1410.	3.8	13
131	Microdetermination of aluminium with fluoride-selective electrode. <i>Mikrochimica Acta</i> , 1981, 76, 17-28.	5.0	12
132	Flow-Injection Extraction-Spectrophotometric Determination of Copper with Dithiocarbamates. <i>Analytical Sciences</i> , 1990, 6, 415-419.	1.6	12
133	Enzymatic in capillary derivatization for glucose determination by electrophoresis with spectrophotometric detection. <i>Electrophoresis</i> , 2008, 29, 1741-1748.	2.4	12
134	Enantioseparation of amino acids and hydroxy acids on ligand-exchange continuous beds by capillary electrochromatography. <i>Electrophoresis</i> , 2010, 31, 1517-1520.	2.4	12
135	Application of Ion-Selective Electrodes in Water Analysis. <i>Selective Electrode Reviews</i> , 1980, 1, 207-250.	1.6	12
136	Determination of copper in water by means of chalcocite copper ion-selective electrode. <i>Water Research</i> , 1977, 11, 627-630.	11.3	11
137	Response characteristics of a potentiometric detector with a copper metal electrode for flow-injection and chromatographic determinations of metal ions. <i>Analytica Chimica Acta</i> , 1985, 177, 183-195.	5.4	11
138	Modification of nonionic adsorbent with eriochrome blue-black R for selective nickel(II) preconcentration in conventional and flow-injection atomic-absorption spectrometry. <i>Talanta</i> , 1992, 39, 779-787.	5.5	11
139	Enzymatic flow-injection determination of urea in blood serum using potentiometric gas sensor with internal nonactin based ISE. <i>Talanta</i> , 1994, 41, 1229-1236.	5.5	11
140	Preconcentration and decomposition of perfluorinated carboxylic acids on an activated charcoal cartridge with sodium biphenyl reagent and its determination at $1/4 \mu\text{g L}^{-1}$ level on the basis of flow injection-fluorimetric detection of fluoride ion. <i>Talanta</i> , 2008, 74, 1224-1230.	5.5	11
141	Flow methods in chiral analysis. <i>Analytica Chimica Acta</i> , 2013, 801, 59-69.	5.4	11
142	Recent developments in water quality monitoring by flow injection analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 1991, 10, 11-17.	11.4	10
143	Flow Injection Analysis of Ammonia and Sulfur Dioxide with Piezoelectric Detection. <i>Analytical Sciences</i> , 1992, 8, 329-335.	1.6	10
144	Simultaneous determination of ammonia nitrogen and L-glutamine in bioreactor media using flow injection. <i>Analyst</i> , The, 1993, 118, 1361.	3.5	10

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145	Lactate solid-state biosensor with multilayer of electrodeposited polymers for flow-injection clinical analysis. <i>Biosensors and Bioelectronics</i> , 1996, 11, 1155-1165.	10.1	10
146	Phosphorus speciation in nickel plating baths by ion chromatography. <i>Journal of Chromatography A</i> , 1995, 705, 390-395.	3.7	9
147	Towards a semiquantitative non invasive characterisation of Tyrian purple dye composition: Convergence of UV-Visible reflectance spectroscopy and fast-high temperature-high performance liquid chromatography with photodiode array detection. <i>Analytica Chimica Acta</i> , 2016, 926, 17-27.	5.4	9
148	Multicomponent analysis with a computerized flow injection system using LED photometric detection. <i>Mikrochimica Acta</i> , 1991, 103, 159-169.	5.0	8
149	In-line tubular ion-exchanger to enhance selectivity in enzyme-based flow-injection potentiometry; application to determination of l-glutamine in bioreactor media. <i>Analytica Chimica Acta</i> , 1992, 258, 281-287.	5.4	8
150	Speciation of oxidation states of elements by capillary electrophoresis. <i>Journal of Separation Science</i> , 2003, 26, 983-995.	2.5	8
151	Analysis of Genetically Modified Food Using High-Performance Separation Methods. <i>Analytical Letters</i> , 2010, 43, 1653-1679.	1.8	8
152	Modification of Resolution in Capillary Electrophoresis for Protein Profiling in Identification of Genetic Modification in Foods. <i>Croatica Chemica Acta</i> , 2011, 84, 375-382.	0.4	8
153	Low-molecular weight protein profiling of genetically modified maize using fast liquid chromatography electrospray ionization and time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 1447-1461.	2.5	8
154	Computerized flow injection potentiometric stripping analysis with large-volume wall-jet cell. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1988, 332, 148-152.	0.8	7
155	Ion interaction chromatography with nonylamine reagent for the determination of nitrite and nitrate in natural waters. <i>Journal of Chromatography A</i> , 1993, 633, 305-310.	3.7	7
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