

Marek Trojanowicz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1963436/publications.pdf>

Version: 2024-02-01

188
papers

6,843
citations

57631

44
h-index

79541

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.	5.8	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.	6.6	390
3	Determination of organophosphate pesticides at a carbon nanotube/organophosphorus hydrolase electrochemical biosensor. <i>Analytica Chimica Acta</i> , 2005, 530, 185-189.	2.6	251
4	Functionalized Cellulose Sorbents for Preconcentration of Trace Metals in Environmental Analysis. <i>Critical Reviews in Analytical Chemistry</i> , 1999, 29, 313-321.	1.8	198
5	Recent advances in flow injection analysis. <i>Analyst, The</i> , 2016, 141, 2085-2139.	1.7	146
6	Inhibitive determination of mercury and other metal ions by potentiometric urea biosensor. <i>Biosensors and Bioelectronics</i> , 2000, 15, 681-691.	5.3	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.	1.8	134
8	Application of Conducting Polymers in Chemical Analysis. <i>Mikrochimica Acta</i> , 2003, 143, 75-91.	2.5	120
9	Recent developments in electrochemical flow detections – A review. <i>Analytica Chimica Acta</i> , 2009, 653, 36-58.	2.6	117
10	Determination of Pesticides Using Electrochemical Enzymatic Biosensors. <i>Electroanalysis</i> , 2002, 14, 1311-1328.	1.5	115
11	Enantioselective electrochemical sensors and biosensors: A mini-review. <i>Electrochemistry Communications</i> , 2014, 38, 47-52.	2.3	99
12	Electrochemical biosensors based on enzymes immobilized in electropolymerized films. <i>Mikrochimica Acta</i> , 1995, 121, 167-181.	2.5	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.	1.8	94
14	Limitation of linear response in flow-injection systems with ion-selective electrodes. <i>Analytica Chimica Acta</i> , 1982, 138, 71-79.	2.6	90
15	Potentiometric flow-injection determination of chloride. <i>Analytica Chimica Acta</i> , 1983, 151, 77-84.	2.6	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.	1.8	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.	5.8	78
18	Recent developments in methods for analysis of perfluorinated persistent pollutants. <i>Mikrochimica Acta</i> , 2013, 180, 957-971.	2.5	76

#	ARTICLE	IF	CITATIONS
19	Graphite paste-based enzymatic glucose electrode for flow injection analysis. <i>Analyst, The</i> , 1988, 113, 735.	1.7	74
20	Carbon Nanotubes-Modified Screen-Printed Electrodes for Chemical Sensors and Biosensors. <i>Analytical Letters</i> , 2004, 37, 3185-3204.	1.0	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.	1.3	70
22	Electrochemical Chiral Sensors and Biosensors. <i>Electroanalysis</i> , 2009, 21, 229-238.	1.5	69
23	Electroanalytical Flow Measurements-Recent Advances. <i>Electroanalysis</i> , 2003, 15, 347-365.	1.5	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.	1.8	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.	3.9	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.	2.9	63
27	Recent developments in electrochemical flow detections- A review. <i>Analytica Chimica Acta</i> , 2011, 688, 8-35.	2.6	63
28	Determination of pesticides using electrochemical biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 1996, 15, 38-45.	5.8	61
29	Towards the protein phosphatase-based biosensor for microcystin detection. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1520-1530.	5.3	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.	3.2	58
31	Electrochemical and Piezoelectric Enantioselective Sensors and Biosensors. <i>Analytical Letters</i> , 2005, 38, 523-547.	1.0	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.	2.6	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.	1.4	56
34	Enantioselective screen-printed amperometric biosensor for the determination of d-amino acids. <i>Bioelectrochemistry</i> , 2007, 71, 91-98.	2.4	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.	1.8	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

#	ARTICLE	IF	CITATIONS
37	Enzyme inhibition-based biosensor for the electrochemical detection of microcystins in natural blooms of cyanobacteria. <i>Talanta</i> , 2007, 72, 179-186.	2.9	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.	0.7	47
39	Ion chromatographic speciation of chromium with diphenylcarbazide-based spectrophotometric detection. <i>Journal of Chromatography A</i> , 1996, 736, 141-150.	1.8	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.	0.6	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.	2.7	47
42	Application of ionizing radiation in decomposition of perfluorooctanoate (PFOA) in waters. <i>Chemical Engineering Journal</i> , 2019, 357, 698-714.	6.6	47
43	Preconcentration and separation of inorganic selenium species on activated alumina. <i>Analytica Chimica Acta</i> , 1998, 363, 141-146.	2.6	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.	2.7	46
45	Simultaneous determination of nitrite and nitrate in water using flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1992, 261, 391-398.	2.6	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.	1.5	45
47	Flow Chemistry in Contemporary Chemical Sciences: A Real Variety of Its Applications. <i>Molecules</i> , 2020, 25, 1434.	1.7	45
48	Identification of Natural Dyestuff in Archeological Coptic Textiles by HPLC with Fluorescence Detection. <i>Analytical Letters</i> , 2003, 36, 1211-1229.	1.0	41
49	Simultaneous flow-injection determination of aluminium and zinc using LED photometric detection. <i>Analytica Chimica Acta</i> , 1990, 230, 125-130.	2.6	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.	2.9	37
51	Application of ionizing radiation in decomposition of perfluorooctane sulfonate (PFOS) in aqueous solutions. <i>Chemical Engineering Journal</i> , 2020, 379, 122303.	6.6	37
52	Potentiometric pH detection in suppressed ion chromatography. <i>Analytical Chemistry</i> , 1989, 61, 787-789.	3.2	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.	1.8	35
54	Chemical speciation by flow-injection analysis. A review. <i>Talanta</i> , 1996, 43, 825-838.	2.9	35

#	ARTICLE	IF	CITATIONS
55	Bilayer lipid membrane glucose biosensors with improved stability and sensitivity. <i>Electrochimica Acta</i> , 2001, 46, 1053-1061.	2.6	35
56	Separation of chlorine-containing anions by ion chromatography and capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997, 777, 375-381.	1.8	34
57	Radiolytic degradation of herbicide 4-chloro-2-methyl phenoxyacetic acid (MCPA) by $\hat{\text{I}}^3$ -radiation for environmental protection. <i>Ecotoxicology and Environmental Safety</i> , 2006, 65, 265-277.	2.9	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.	2.9	33
59	Monitoring of toxicity during degradation of selected pesticides using ionizing radiation. <i>Chemosphere</i> , 2004, 57, 135-145.	4.2	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.	1.3	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.	2.6	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.	1.8	30
63	HPLC determination of perfluorinated carboxylic acids with fluorescence detection. <i>Mikrochimica Acta</i> , 2011, 172, 409-417.	2.5	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.	2.9	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.	1.8	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.	0.7	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.	3.2	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.	4.0	27
70	Application of Molecularly Imprinted Polymers in the Analysis of Waters and Wastewaters. <i>Molecules</i> , 2021, 26, 6515.	1.7	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.	2.6	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.	2.9	26

#	ARTICLE	IF	CITATIONS
73	Continuous potentiometric determination of sulphate in a differential flow system. <i>Analytica Chimica Acta</i> , 1980, 114, 293-301.	2.6	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.	2.6	24
75	Replacement ion chromatography with potentiometric detection using a potassium-selective membrane electrode. <i>Analytica Chimica Acta</i> , 1989, 222, 95-107.	2.6	24
76	Flow-injection biamperometry of phenothiazine derivatives. <i>Analytica Chimica Acta</i> , 1994, 289, 339-346.	2.6	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.	1.4	24
78	Flow-injection potentiometric determination of residual chlorine in water. <i>Analytica Chimica Acta</i> , 1982, 136, 85-92.	2.6	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.	1.7	23
80	A potentiometric polypyrrole-based glucose biosensor. <i>Electroanalysis</i> , 1996, 8, 263-266.	1.5	23
81	Separation of perfluorocarboxylic acids using capillary electrophoresis with UV detection. <i>Electrophoresis</i> , 2005, 26, 1080-1088.	1.3	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.	1.3	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.	6.6	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.	2.5	22
85	Direct potentiometric determination of calcium in waters with a constant complexation buffer. <i>Analytica Chimica Acta</i> , 1974, 68, 155-160.	2.6	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.	1.6	21
87	Simultaneous determination of sucrose and reducing sugars using indirect flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1993, 271, 239-246.	2.6	21
88	Application of flow analysis in determination of selected radionuclides. <i>Talanta</i> , 2014, 125, 131-145.	2.9	21
89	Flow chemistry vs. flow analysis. <i>Talanta</i> , 2016, 146, 621-640.	2.9	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.	2.9	21

#	ARTICLE	IF	CITATIONS
91	Direct and replacement ion chromatography with potentiometric detection using a silver/silver bromide electrode. <i>Analytica Chimica Acta</i> , 1989, 222, 109-119.	2.6	20
92	Potentiometric stripping determination of nickel at a dimethylglyoxime-containing graphite paste electrode. <i>Talanta</i> , 1989, 36, 680-682.	2.9	20
93	Flow-injection analysis with potentiometric detection for the speciation of fluoride and calcium. <i>Analytica Chimica Acta</i> , 1998, 366, 23-33.	2.6	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.	1.3	20
95	Determination of Total Organic Fluorine (TOF) in environmental samples using flow-injection and chromatographic methods. <i>Analytical Methods</i> , 2011, 3, 1039.	1.3	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.	1.5	19
97	Flow-injection ultraviolet spectrophotometric determination of sulphate in natural waters. <i>Analytica Chimica Acta</i> , 1990, 228, 287-292.	2.6	19
98	Biosensing in high-performance chemical separations. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 92-106.	5.8	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.	2.6	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.	2.6	18
101	Flow-through microdispenser for interfacing μ -HPLC to Raman and mid-IR spectroscopic detection. <i>Journal of Chromatography A</i> , 2005, 1080, 132-139.	1.8	18
102	Flow-injection potentiometric determination of creatinine in urine using sub-Nernstian linear response range. <i>Electroanalysis</i> , 1993, 5, 113-120.	1.5	17
103	Analytical applications of planar bilayer lipid membranes. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 347-350.	1.9	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.	2.9	17
107	Capillary electrophoretic determination of main components of natural dyes with MS detection. <i>Journal of Separation Science</i> , 2008, 31, 2457-2462.	1.3	16
108	Simultaneous enzymatic determination of glucose and ascorbic acid using flow-injection amperometry. <i>Electroanalysis</i> , 1990, 2, 147-153.	1.5	15

#	ARTICLE	IF	CITATIONS
109	Speciation of Chromium by Ion-Pair Chromatography with Postcolumn Spectrophotometric Detection. <i>Analytical Letters</i> , 1992, 25, 1373-1387.	1.0	15
110	Flow-injection analysis using Fourier transform of a multiple injection signal. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1994, 22, 221-228.	1.8	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.	1.5	15
112	Flow-injection sample preconcentration for ion-pair chromatography of trace metals in waters. <i>Water Research</i> , 2003, 37, 2019-2026.	5.3	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.	1.2	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.	2.6	15
115	Modern chemical analysis in archaeometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 915-918.	1.9	15
116	Flow-injection analysis as a tool for determination of pharmaceutical residues in aqueous environment. <i>Talanta</i> , 2012, 96, 3-10.	2.9	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.	1.3	15
118	Application of Capillary Electrophoresis for Determination of Inorganic Analytes in Waters. <i>Molecules</i> , 2021, 26, 6972.	1.7	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.	0.7	14
120	Real-time digital filters for signal processing in flow-injection analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 509-519.	2.6	14
121	Real-time digital filters for signal processing in flow-injection analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 521-531.	2.6	14
122	Catalytic determination of copper in blood plasma using flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1993, 281, 299-304.	2.6	14
123	Potentiometric detection in ion chromatography using multi-ionophore membrane electrodes. <i>Journal of Chromatography A</i> , 1993, 648, 283-288.	1.8	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.	0.8	14
125	Zone electrophoresis separation of perfluorocarboxylic acids on a chip with conductivity detection. <i>Journal of Separation Science</i> , 2005, 28, 1271-1277.	1.3	14
126	Capillary electrophoresis speciation of chromium in leather tanning liquor. <i>Electrophoresis</i> , 2003, 24, 2259-2263.	1.3	13

#	ARTICLE	IF	CITATIONS
127	Chromatographic and capillary electrophoretic determination of microcystins. <i>Journal of Separation Science</i> , 2010, 33, 359-371.	1.3	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.	1.7	13
131	Microdetermination of aluminium with fluoride-selective electrode. <i>Mikrochimica Acta</i> , 1981, 76, 17-28.	2.5	12
132	Flow-Injection Extraction-Spectrophotometric Determination of Copper with Dithiocarbamates. <i>Analytical Sciences</i> , 1990, 6, 415-419.	0.8	12
133	Enzymatic in capillary derivatization for glucose determination by electrophoresis with spectrophotometric detection. <i>Electrophoresis</i> , 2008, 29, 1741-1748.	1.3	12
134	Enantioseparation of amino acids and hydroxy acids on ligand-exchange continuous beds by capillary electrochromatography. <i>Electrophoresis</i> , 2010, 31, 1517-1520.	1.3	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.	5.3	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.	2.6	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.	2.9	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.	2.9	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.	2.9	11
141	Flow methods in chiral analysis. <i>Analytica Chimica Acta</i> , 2013, 801, 59-69.	2.6	11
142	Recent developments in water quality monitoring by flow injection analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 1991, 10, 11-17.	5.8	10
143	Flow Injection Analysis of Ammonia and Sulfur Dioxide with Piezoelectric Detection. <i>Analytical Sciences</i> , 1992, 8, 329-335.	0.8	10
144	Simultaneous determination of ammonia nitrogen and L-glutamine in bioreactor media using flow injection. <i>Analyst</i> , The, 1993, 118, 1361.	1.7	10

#	ARTICLE	IF	CITATIONS
145	Lactate solid-state biosensor with multilayer of electrodeposited polymers for flow-injection clinical analysis. <i>Biosensors and Bioelectronics</i> , 1996, 11, 1155-1165.	5.3	10
146	Phosphorus speciation in nickel plating baths by ion chromatography. <i>Journal of Chromatography A</i> , 1995, 705, 390-395.	1.8	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.	2.6	9
148	Multicomponent analysis with a computerized flow injection system using LED photometric detection. <i>Mikrochimica Acta</i> , 1991, 103, 159-169.	2.5	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.	2.6	8
150	Speciation of oxidation states of elements by capillary electrophoresis. <i>Journal of Separation Science</i> , 2003, 26, 983-995.	1.3	8
151	Analysis of Genetically Modified Food Using High-Performance Separation Methods. <i>Analytical Letters</i> , 2010, 43, 1653-1679.	1.0	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.	0.1	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.	1.3	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.	0.7	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.	1.8	7
156	Application of Gas Chromatography to Determination of Total Organic Fluorine after Defluorination of Perfluorooctanoic Acid as a Model Compound. <i>Croatica Chemica Acta</i> , 2011, 84, 399-406.	0.1	7
157	High energy radiation induced cooperative reductive/oxidative mechanism of perfluorooctanoate anion (PFOA) decomposition in aqueous solution. <i>Chemosphere</i> , 2022, 295, 133920.	4.2	7
158	Donnan Dialysis of Transition Metal Ions Using Anion Exchange Membrane Modified with Xylenol Orange. <i>Separation Science and Technology</i> , 1991, 26, 717-728.	1.3	6
159	Sequential injection analysis system with DGA resin for sample pretreatment in ICP-MS determination of ²³⁹ Pu in nuclear industry samples. <i>Microchemical Journal</i> , 2020, 152, 104426.	2.3	6
160	Nitrate ion-selective electrode based on Cu(II) neocuproine complex. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1979, 297, 414-416.	0.7	5
161	Simple antilog converter for conventional and flow-injection measurements with ion-selective electrodes. <i>Analytica Chimica Acta</i> , 1988, 207, 325-330.	2.6	5
162	Flow-injection analysis with immobilized oxidase/peroxidase enzymes and fluoride electrode detection. <i>Electroanalysis</i> , 1990, 2, 525-531.	1.5	5

#	ARTICLE	IF	CITATIONS
163	Potentiometric sensitivity of epoxy resins to anions. <i>Talanta</i> , 2002, 56, 213-217.	2.9	5
164	Electroanalytical Flow Measurements. <i>Annali Di Chimica</i> , 2005, 95, 421-435.	0.6	5
165	New Analytical Methods Developed for Determination of Perfluorinated Surfactants in Waters and Wastes. <i>Croatica Chimica Acta</i> , 2011, 84, 439-446.	0.1	5
166	Flow-injection analysis of inorganic pollutants in gaseous phase with piezoelectric detection Part 1. Verification of principal experimental parameters affecting the detector response. <i>Sensors and Actuators B: Chemical</i> , 1992, 9, 33-39.	4.0	4
167	Enhancement of selectivity of electrochemical detectors by kinetic discrimination in flow-injection systems. <i>Laboratory Robotics and Automation</i> , 2000, 12, 205-215.	0.3	4
168	Analytical and Toxicological Studies of Decomposition of Insecticide Parathion after Gamma-Irradiation and Ozonation. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1378-1385.	0.7	4
169	Application of new covalently-bound diglycolamide sorbent in sequential injection analysis flow system for sample pretreatment in ICP-MS determination of ²³⁹ Pu at ppt level. <i>Talanta</i> , 2019, 205, 120099.	2.9	4
170	Flow injection spectrophotometric determination of the biuret content in urea fertilisers. <i>Analyst</i> , 1990, 115, 319-321.	1.7	3
171	Separation of Enantiomers by Capillary Electrophoresis Using Cyclodextrins. , 2004, 243, 275-290.		3
172	Analytical microtechniques in archaeometry. <i>Mikrochimica Acta</i> , 2008, 162, 287-288.	2.5	3
173	Chiral Sensors Based on Molecularly Imprinted Polymers. , 2012, , 175-194.		3
174	Mobile-Phone Based Chemical Analysis - Instrumental Innovations and Smartphone Apps. <i>Modern Chemistry & Applications</i> , 2017, 05, .	0.2	3
175	Application of flow-injection analysis for the determination of chloride extracted from corroded iron artifacts. <i>Studies in Conservation</i> , 1987, 32, 86-90.	0.6	2
176	Potentiometric monitoring of proteins: Part 5. A voltammetric study of copper electrodes. <i>Electroanalysis</i> , 1992, 4, 941-948.	1.5	2
177	Retention of Anions on Silica-based Metalloporphyrin Stationary Phases.. <i>Analytical Sciences</i> , 2002, 18, 151-154.	0.8	2
178	Enantioselective inhibition of immobilized acetylcholinesterase in biosensor determination of pesticides. <i>Open Chemistry</i> , 2012, 10, 1760-1765.	1.0	2
179	Applications of Gold Nanoparticles in Electroanalysis. <i>Comprehensive Analytical Chemistry</i> , 2014, , 429-476.	0.7	2
180	Potentiometric Detection in High-Performance Ion-Chromatography. , 1990, , 255-266.		2

#	ARTICLE	IF	CITATIONS
181	Enzymes in Flow Injection Analysis. , 0, , 395-423.		1
182	Challenges of Modern Analytical Chemistry. Modern Chemistry & Applications, 2013, 01, .	0.2	1
183	Electroosmosis-Driven Flow Analysis. , 0, , 127-148.		1
184	Main Concepts of Chemical and Biological Sensing. , 2009, , 25-60.		1
185	Application of Flow-Injection Analysis for the Determination of Chloride Extracted from Corroded Iron Artifacts. Studies in Conservation, 1987, 32, 86.	0.6	0
186	Ftir-Reflection Absorption Spectrometry of Some Proteins on a Metallic Copper Surface. Analytical Letters, 2000, 33, 1387-1398.	1.0	0
187	Ion-selective electrodes sensitive to anions based on epoxy resins. , 2001, , .		0
188	Application of Conducting Polymers in Chemical Analysis. ChemInform, 2004, 35, no.	0.1	0