

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 | High energy radiation induced cooperative reductive/oxidative mechanism of perfluorooctanoate anion (PFOA) decomposition in aqueous solution. <i>Chemosphere</i> , 2022, 295, 133920. | 8.2 | 7 |
| 2 | Flow-Injection Methods in Water Analysis Recent Developments. <i>Molecules</i> , 2022, 27, 1410. | 3.8 | 13 |
| 3 | 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 |
| 4 | Application of Molecularly Imprinted Polymers in the Analysis of Waters and Wastewaters. <i>Molecules</i> , 2021, 26, 6515. | 3.8 | 27 |
| 5 | Application of Capillary Electrophoresis for Determination of Inorganic Analytes in Waters. <i>Molecules</i> , 2021, 26, 6972. | 3.8 | 15 |
| 6 | Application of ionizing radiation in decomposition of perfluorooctane sulfonate (PFOS) in aqueous solutions. <i>Chemical Engineering Journal</i> , 2020, 379, 122303. | 12.7 | 37 |
| 7 | 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. | 4.5 | 6 |
| 8 | 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 |
| 9 | Flow Chemistry in Contemporary Chemical Sciences: A Real Variety of Its Applications. <i>Molecules</i> , 2020, 25, 1434. | 3.8 | 45 |
| 10 | 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. | 5.5 | 4 |
| 11 | Application of ionizing radiation in decomposition of perfluorooctanoate (PFOA) in waters. <i>Chemical Engineering Journal</i> , 2019, 357, 698-714. | 12.7 | 47 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Gamma-ray, X-ray and Electron Beam Based Processes. , 2018, , 257-331. | | 13 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | 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 |
| 20 | Clothes detection and classification using convolutional neural networks. , 2017, , . | | 17 |
| 21 | Mobile-Phone Based Chemical Analysis - Instrumental Innovations and Smartphone Apps. <i>Modern Chemistry & Applications</i> , 2017, 05, . | 0.2 | 3 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Recent advances in flow injection analysis. <i>Analyst, The</i> , 2016, 141, 2085-2139. | 3.5 | 146 |
| 26 | Flow chemistry vs. flow analysis. <i>Talanta</i> , 2016, 146, 621-640. | 5.5 | 21 |
| 27 | Enantioselective electrochemical sensors and biosensors: A mini-review. <i>Electrochemistry Communications</i> , 2014, 38, 47-52. | 4.7 | 99 |
| 28 | Applications of Gold Nanoparticles in Electroanalysis. <i>Comprehensive Analytical Chemistry</i> , 2014, , 429-476. | 1.3 | 2 |
| 29 | Application of flow analysis in determination of selected radionuclides. <i>Talanta</i> , 2014, 125, 131-145. | 5.5 | 21 |
| 30 | 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 |
| 31 | Recent developments in methods for analysis of perfluorinated persistent pollutants. <i>Mikrochimica Acta</i> , 2013, 180, 957-971. | 5.0 | 76 |
| 32 | Flow methods in chiral analysis. <i>Analytica Chimica Acta</i> , 2013, 801, 59-69. | 5.4 | 11 |
| 33 | Challenges of Modern Analytical Chemistry. <i>Modern Chemistry & Applications</i> , 2013, 01, . | 0.2 | 1 |
| 34 | Analytical and Toxicological Studies of Decomposition of Insecticide Parathion after Gamma-Irradiation and Ozonation. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1378-1385. | 1.5 | 4 |
| 35 | Enantioselective inhibition of immobilized acetylcholinesterase in biosensor determination of pesticides. <i>Open Chemistry</i> , 2012, 10, 1760-1765. | 1.9 | 2 |
| 36 | Flow-injection analysis as a tool for determination of pharmaceutical residues in aqueous environment. <i>Talanta</i> , 2012, 96, 3-10. | 5.5 | 15 |

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|----|---|-----|-----------|
| 37 | Chiral Sensors Based on Molecularly Imprinted Polymers. , 2012, , 175-194. | | 3 |
| 38 | Low-molecular weight protein profiling of genetically modified maize using fast liquid chromatography electrospray ionization and time-of-flight mass spectrometry. Journal of Separation Science, 2012, 35, 1447-1461. | 2.5 | 8 |
| 39 | Determination of Total Organic Fluorine (TOF) in environmental samples using flow-injection and chromatographic methods. Analytical Methods, 2011, 3, 1039. | 2.7 | 20 |
| 40 | HPLC determination of perfluorinated carboxylic acids with fluorescence detection. Mikrochimica Acta, 2011, 172, 409-417. | 5.0 | 30 |
| 41 | Historical and archaeological textiles: An insight on degradation products of wool and silk yarns. Journal of Chromatography A, 2011, 1218, 5837-5847. | 3.7 | 67 |
| 42 | Recent developments in electrochemical flow detections – A review. Analytica Chimica Acta, 2011, 688, 8-35. | 5.4 | 63 |
| 43 | Flow-Injection Preconcentration of Chloramphenicol Using Molecularly Imprinted Polymer for HPLC Determination in Environmental Samples. Journal of Automated Methods and Management in Chemistry, 2011, 2011, 1-10. | 0.5 | 13 |
| 44 | New Analytical Methods Developed for Determination of Perfluorinated Surfactants in Waters and Wastes. Croatica Chemica Acta, 2011, 84, 439-446. | 0.4 | 5 |
| 45 | Application of Gas Chromatography to Determination of Total Organic Fluorine after Defluorination of Perfluorooctanoic Acid as a Model Compound. Croatica Chemica Acta, 2011, 84, 399-406. | 0.4 | 7 |
| 46 | Modification of Resolution in Capillary Electrophoresis for Protein Profiling in Identification of Genetic Modification in Foods. Croatica Chemica Acta, 2011, 84, 375-382. | 0.4 | 8 |
| 47 | Enantioseparation of amino acids and hydroxy acids on ligand-exchange continuous beds by capillary electrochromatography. Electrophoresis, 2010, 31, 1517-1520. | 2.4 | 12 |
| 48 | Chromatographic and capillary electrophoretic determination of microcystins. Journal of Separation Science, 2010, 33, 359-371. | 2.5 | 13 |
| 49 | Determination of fluoride as fluorosilane derivative using reversed-phase HPLC with UV detection for determination of total organic fluorine. Journal of Separation Science, 2010, 33, 2636-2644. | 2.5 | 23 |
| 50 | Analysis of Genetically Modified Food Using High-Performance Separation Methods. Analytical Letters, 2010, 43, 1653-1679. | 1.8 | 8 |
| 51 | Electrochemical Chiral Sensors and Biosensors. Electroanalysis, 2009, 21, 229-238. | 2.9 | 69 |
| 52 | Recent developments in electrochemical flow detections – A review. Analytica Chimica Acta, 2009, 653, 36-58. | 5.4 | 117 |
| 53 | Main Concepts of Chemical and Biological Sensing. , 2009, , 25-60. | | 1 |
| 54 | Modern chemical analysis in archaeometry. Analytical and Bioanalytical Chemistry, 2008, 391, 915-918. | 3.7 | 15 |

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|----|---|------|-----------|
| 55 | 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 |
| 56 | Analytical microtechniques in archaeometry. <i>Mikrochimica Acta</i> , 2008, 162, 287-288. | 5.0 | 3 |
| 57 | 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 |
| 58 | Enzymatic in capillary derivatization for glucose determination by electrophoresis with spectrophotometric detection. <i>Electrophoresis</i> , 2008, 29, 1741-1748. | 2.4 | 12 |
| 59 | Preconcentration and decomposition of perfluorinated carboxylic acids on an activated charcoal cartridge with sodium biphenyl reagent and its determination at 10^{-1} level on the basis of flow injection-fluorimetric detection of fluoride ion. <i>Talanta</i> , 2008, 74, 1224-1230. | 5.5 | 11 |
| 60 | Enantioselectivity of potentiometric sensors with application of different mechanisms of chiral discrimination. <i>Journal of Proteomics</i> , 2008, 70, 1261-1267. | 2.4 | 17 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | Enantioselective screen-printed amperometric biosensor for the determination of d-amino acids. <i>Bioelectrochemistry</i> , 2007, 71, 91-98. | 4.6 | 55 |
| 66 | 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 |
| 67 | Radiolytic degradation of herbicide 4-chloro-2-methyl phenoxyacetic acid (MCPA) by 13 C-radiation for environmental protection. <i>Ecotoxicology and Environmental Safety</i> , 2006, 65, 265-277. | 6.0 | 33 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | Analytical applications of carbon nanotubes: a review. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 480-489. | 11.4 | 662 |

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|----|--|------|-----------|
| 73 | Determination of microcystins in environmental samples using capillary electrophoresis. <i>Journal of Proteomics</i> , 2006, 66, 87-97. | 2.4 | 28 |
| 74 | Determination of amino acids in saliva using capillary electrophoresis with fluorimetric detection. <i>Journal of Proteomics</i> , 2006, 67, 37-47. | 2.4 | 48 |
| 75 | Biosensing in high-performance chemical separations. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 92-106. | 11.4 | 19 |
| 76 | Determination of organophosphate pesticides at a carbon nanotube/organophosphorus hydrolase electrochemical biosensor. <i>Analytica Chimica Acta</i> , 2005, 530, 185-189. | 5.4 | 251 |
| 77 | Flow-through microdispenser for interfacing μ -HPLC to Raman and mid-IR spectroscopic detection. <i>Journal of Chromatography A</i> , 2005, 1080, 132-139. | 3.7 | 18 |
| 78 | Separation of perfluorocarboxylic acids using capillary electrophoresis with UV detection. <i>Electrophoresis</i> , 2005, 26, 1080-1088. | 2.4 | 23 |
| 79 | Electroanalytical Flow Measurements. <i>Annali Di Chimica</i> , 2005, 95, 421-435. | 0.6 | 5 |
| 80 | 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 |
| 81 | 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 |
| 82 | Towards the protein phosphatase-based biosensor for microcystin detection. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1520-1530. | 10.1 | 61 |
| 83 | Electrochemical and Piezoelectric Enantioselective Sensors and Biosensors. <i>Analytical Letters</i> , 2005, 38, 523-547. | 1.8 | 57 |
| 84 | 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 |
| 85 | Separation of Enantiomers by Capillary Electrophoresis Using Cyclodextrins. , 2004, 243, 275-290. | | 3 |
| 86 | Analytical applications of planar bilayer lipid membranes. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 347-350. | 3.7 | 17 |
| 87 | 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 |
| 88 | 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 |
| 89 | Application of Conducting Polymers in Chemical Analysis. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 90 | Monitoring of toxicity during degradation of selected pesticides using ionizing radiation. <i>Chemosphere</i> , 2004, 57, 135-145. | 8.2 | 32 |

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|-----|--|------|-----------|
| 91 | Carbon Nanotubesâ€Modified Screenâ€Printed Electrodes for Chemical Sensors and Biosensors. <i>Analytical Letters</i> , 2004, 37, 3185-3204. | 1.8 | 74 |
| 92 | 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 |
| 93 | 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 |
| 94 | Application of Conducting Polymers in Chemical Analysis. <i>Mikrochimica Acta</i> , 2003, 143, 75-91. | 5.0 | 120 |
| 95 | Electroanalytical Flow Measurements-Recent Advances. <i>Electroanalysis</i> , 2003, 15, 347-365. | 2.9 | 67 |
| 96 | Capillary electrophoresis speciation of chromium in leather tanning liquor. <i>Electrophoresis</i> , 2003, 24, 2259-2263. | 2.4 | 13 |
| 97 | Speciation of oxidation states of elements by capillary electrophoresis. <i>Journal of Separation Science</i> , 2003, 26, 983-995. | 2.5 | 8 |
| 98 | 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 |
| 99 | Investigation of natural dyes occurring in historical Coptic textiles by high-performance liquid chromatography with UVâ€Vis and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2003, 1012, 179-192. | 3.7 | 134 |
| 100 | Identification of Natural Dyestuff in Archeological Coptic Textiles by HPLC with Fluorescence Detection. <i>Analytical Letters</i> , 2003, 36, 1211-1229. | 1.8 | 41 |
| 101 | Flow-injection sample preconcentration for ion-pair chromatography of trace metals in waters. <i>Water Research</i> , 2003, 37, 2019-2026. | 11.3 | 15 |
| 102 | Retention of Anions on Silica-based Metalloporphyrin Stationary Phases.. <i>Analytical Sciences</i> , 2002, 18, 151-154. | 1.6 | 2 |
| 103 | Potentiometric sensitivity of epoxy resins to anions. <i>Talanta</i> , 2002, 56, 213-217. | 5.5 | 5 |
| 104 | Determination of Pesticides Using Electrochemical Enzymatic Biosensors. <i>Electroanalysis</i> , 2002, 14, 1311-1328. | 2.9 | 115 |
| 105 | Ion-selective electrodes sensitive to anions based on epoxy resins. , 2001, , . | | 0 |
| 106 | Bilayer lipid membrane glucose biosensors with improved stability and sensitivity. <i>Electrochimica Acta</i> , 2001, 46, 1053-1061. | 5.2 | 35 |
| 107 | Application of carboxymethyl-Î²-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 |
| 108 | Enhancement of selectivity of electrochemical detectors by kinetic discrimination in flow-injection systems. <i>Laboratory Robotics and Automation</i> , 2000, 12, 205-215. | 0.2 | 4 |

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|-----|--|------|-----------|
| 109 | Inhibitive determination of mercury and other metal ions by potentiometric urea biosensor. <i>Biosensors and Bioelectronics</i> , 2000, 15, 681-691. | 10.1 | 140 |
| 110 | Ftir-Reflection Absorption Spectrometry of Some Proteins on a Metallic Copper Surface. <i>Analytical Letters</i> , 2000, 33, 1387-1398. | 1.8 | 0 |
| 111 | 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 |
| 112 | Flow-injection analysis wit potentiometric detection for the speciation of fluoride and calcium. <i>Analytica Chimica Acta</i> , 1998, 366, 23-33. | 5.4 | 20 |
| 113 | Preconcentration and separation of inorganic selenium species on activated alumina. <i>Analytica Chimica Acta</i> , 1998, 363, 141-146. | 5.4 | 46 |
| 114 | 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 |
| 115 | Separation of chlorine-containing anions by ion chromatography and capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997, 777, 375-381. | 3.7 | 34 |
| 116 | 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 |
| 117 | Chemical speciation by flow-injection analysis. A review. <i>Talanta</i> , 1996, 43, 825-838. | 5.5 | 35 |
| 118 | A potentiometric polypyrrole-based glucose biosensor. <i>Electroanalysis</i> , 1996, 8, 263-266. | 2.9 | 23 |
| 119 | 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 |
| 120 | Determination of pesticides using electrochemical biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 1996, 15, 38-45. | 11.4 | 61 |
| 121 | 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 |
| 122 | Ion chromatographic speciation of chromium with diphenylcarbazide-based spectrophotometric detection. <i>Journal of Chromatography A</i> , 1996, 736, 141-150. | 3.7 | 47 |
| 123 | Phosphorus speciation in nickel plating baths by ion chromatography. <i>Journal of Chromatography A</i> , 1995, 705, 390-395. | 3.7 | 9 |
| 124 | Electrochemical biosensors based on enzymes immobilized in electropolymerized films. <i>Mikrochimica Acta</i> , 1995, 121, 167-181. | 5.0 | 95 |
| 125 | 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 |
| 126 | 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 |

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|-----|---|-----|-----------|
| 127 | 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 |
| 128 | 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 |
| 129 | Flow-injection biamperometry of phenothiazine derivatives. <i>Analytica Chimica Acta</i> , 1994, 289, 339-346. | 5.4 | 24 |
| 130 | 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 |
| 131 | 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 |
| 132 | Simultaneous determination of sucrose and reducing sugars using indirect flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1993, 271, 239-246. | 5.4 | 21 |
| 133 | Catalytic determination of copper in blood plasma using flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1993, 281, 299-304. | 5.4 | 14 |
| 134 | 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 |
| 135 | Flow-injection potentiometric determination of creatinine in urine using sub-Nernstian linear response range. <i>Electroanalysis</i> , 1993, 5, 113-120. | 2.9 | 17 |
| 136 | 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 |
| 137 | Potentiometric detection in ion chromatography using multi-ionophore membrane electrodes. <i>Journal of Chromatography A</i> , 1993, 648, 283-288. | 3.7 | 14 |
| 138 | Simultaneous determination of ammonia nitrogen and L-glutamine in bioreactor media using flow injection. <i>Analyst</i> , 1993, 118, 1361. | 3.5 | 10 |
| 139 | Speciation of Chromium by Ion-Pair Chromatography with Postcolumn Spectrophotometric Detection. <i>Analytical Letters</i> , 1992, 25, 1373-1387. | 1.8 | 15 |
| 140 | Flow Injection Analysis of Ammonia and Sulfur Dioxide with Piezoelectric Detection. <i>Analytical Sciences</i> , 1992, 8, 329-335. | 1.6 | 10 |
| 141 | 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 |
| 142 | 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 |
| 143 | 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. | 7.8 | 4 |
| 144 | Simultaneous determination of nitrite and nitrate in water using flow-injection biamperometry. <i>Analytica Chimica Acta</i> , 1992, 261, 391-398. | 5.4 | 45 |

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|-----|---|------|-----------|
| 145 | Real-time digital filters for signal processing in flow-injection analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 509-519. | 5.4 | 14 |
| 146 | Real-time digital filters for signal processing in flow-injection analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 521-531. | 5.4 | 14 |
| 147 | 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 |
| 148 | Potentiometric monitoring of proteins: Part 5. A voltammetric study of copper electrodes. <i>Electroanalysis</i> , 1992, 4, 941-948. | 2.9 | 2 |
| 149 | Donnan Dialysis of Transition Metal Ions Using Anion Exchange Membrane Modified with Xylenol Orange. <i>Separation Science and Technology</i> , 1991, 26, 717-728. | 2.5 | 6 |
| 150 | Recent developments in water quality monitoring by flow injection analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 1991, 10, 11-17. | 11.4 | 10 |
| 151 | Multicomponent analysis with a computerized flow injection system using LED photometric detection. <i>Mikrochimica Acta</i> , 1991, 103, 159-169. | 5.0 | 8 |
| 152 | Flow-Injection Extraction-Spectrophotometric Determination of Copper with Dithiocarbamates. <i>Analytical Sciences</i> , 1990, 6, 415-419. | 1.6 | 12 |
| 153 | Simultaneous enzymatic determination of glucose and ascorbic acid using flow-injection amperometry. <i>Electroanalysis</i> , 1990, 2, 147-153. | 2.9 | 15 |
| 154 | Flow-injection analysis with immobilized oxidase/peroxidase enzymes and fluoride electrode detection. <i>Electroanalysis</i> , 1990, 2, 525-531. | 2.9 | 5 |
| 155 | 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 |
| 156 | Flow-injection ultraviolet spectrophotometric determination of sulphate in natural waters. <i>Analytica Chimica Acta</i> , 1990, 228, 287-292. | 5.4 | 19 |
| 157 | Simultaneous flow-injection determination of aluminium and zinc using LED photometric detection. <i>Analytica Chimica Acta</i> , 1990, 230, 125-130. | 5.4 | 40 |
| 158 | Flow injection spectrophotometric determination of the biuret content in urea fertilisers. <i>Analyst</i> , 1990, 115, 319-321. | 3.5 | 3 |
| 159 | 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 |
| 160 | Potentiometric Detection in High-Performance Ion-Chromatography. , 1990, , 255-266. | | 2 |
| 161 | Replacement ion chromatography with potentiometric detection using a potassium-selective membrane electrode. <i>Analytica Chimica Acta</i> , 1989, 222, 95-107. | 5.4 | 24 |
| 162 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Potentiometric stripping determination of nickel at a dimethylglyoxime-containing graphite paste electrode. <i>Talanta</i> , 1989, 36, 680-682. | 5.5 | 20 |
| 164 | Potentiometric pH detection in suppressed ion chromatography. <i>Analytical Chemistry</i> , 1989, 61, 787-789. | 6.5 | 35 |
| 165 | Simple antilog converter for conventional and flow-injection measurements with ion-selective electrodes. <i>Analytica Chimica Acta</i> , 1988, 207, 325-330. | 5.4 | 5 |
| 166 | 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 |
| 167 | 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 |
| 168 | Graphite paste-based enzymatic glucose electrode for flow injection analysis. <i>Analyst</i> , 1988, 113, 735. | 3.5 | 74 |
| 169 | Application of Flow-Injection Analysis for the Determination of Chloride Extracted from Corroded Iron Artifacts. <i>Studies in Conservation</i> , 1987, 32, 86. | 1.1 | 0 |
| 170 | Application of flow-injection analysis for the determination of chloride extracted from corroded iron artifacts. <i>Studies in Conservation</i> , 1987, 32, 86-90. | 1.1 | 2 |
| 171 | Flow-injection single-point titration of acids with biamperometric detection at polarized platinum electrodes. <i>Analytica Chimica Acta</i> , 1987, 194, 269-274. | 5.4 | 18 |
| 172 | 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 |
| 173 | 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 |
| 174 | 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 |
| 175 | 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 |
| 176 | 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 |
| 177 | Potentiometric flow-injection determination of chloride. <i>Analytica Chimica Acta</i> , 1983, 151, 77-84. | 5.4 | 81 |
| 178 | Limitation of linear response in flow-injection systems with ion-selective electrodes. <i>Analytica Chimica Acta</i> , 1982, 138, 71-79. | 5.4 | 90 |
| 179 | Flow-injection potentiometric determination of residual chlorine in water. <i>Analytica Chimica Acta</i> , 1982, 136, 85-92. | 5.4 | 23 |
| 180 | Microdetermination of aluminium with fluoride-selective electrode. <i>Mikrochimica Acta</i> , 1981, 76, 17-28. | 5.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 181 | 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 |
| 182 | Continuous potentiometric determination of sulphate in a differential flow system. <i>Analytica Chimica Acta</i> , 1980, 114, 293-301. | 5.4 | 25 |
| 183 | Application of Ion-Selective Electrodes in Water Analysis. <i>Selective Electrode Reviews</i> , 1980, 1, 207-250. | 1.6 | 12 |
| 184 | Nitrate ion-selective electrode based on Cu(I) neocuproine complex. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1979, 297, 414-416. | 0.8 | 5 |
| 185 | Determination of copper in water by means of chalcocite copper ion-selective electrode. <i>Water Research</i> , 1977, 11, 627-630. | 11.3 | 11 |
| 186 | Direct potentiometric determination of calcium in waters with a constant complexation buffer. <i>Analytica Chimica Acta</i> , 1974, 68, 155-160. | 5.4 | 21 |
| 187 | Enzymes in Flow Injection Analysis. , 0, , 395-423. | | 1 |
| 188 | Electroosmosis-Driven Flow Analysis. , 0, , 127-148. | | 1 |