

FIA Bibliography(34)

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FIA-related papers and monographs which appeared since 1984 have been compiled in this bibliography. All papers are numbered in series and shown with the titles in English.

5897. FIA Bibliography(33)
N. Teshima, T. Sakai
J. Flow Injection Anal., **17**, 93 (2000).
5898. Development of an offline noncompetitive flow immunoassay for the determination of interleukin-8 in cell samples
E. Burestedt, S. Kjellstrom, J. Emneus, G. Marko-Varga
Anal. Biochem., **279**, 46 (2000).
5899. Determination of L-carnitine by flow injection analysis with NADH fluorescence detection
A. Manjon, J. M. Obon, J. L. Iborra
Anal. Biochem., **281**, 176 (2000).
5900. Redox Hydrogel-Based Amperometric Bienzyme Electrodes for Fish Freshness Monitoring
M. Niculescu, C. Nistor, I. Frebort, P. Pec, B. Mattiasson, E. Csoeregi
Anal. Chem., **72**, 1591 (2000).
5901. Uranyl-Selective Electrode Based on a New Bifunctional Derivative Combining the Synergistic Properties of Phosphine Oxide and Ester of Phosphoric Acid
A. Florido, I. Casas, J. Garcia-Raurich, R. Arad-Yellin, A. Warshawsky
Anal. Chem., **72**, 1604 (2000).
5902. Electrochemical Oxidation of Histamine and Serotonin at Highly Boron-Doped Diamond Electrodes
B. V. Sarada, T. N. Rao, D. A. Tryk, A. Fujishima
Anal. Chem., **72**, 1632 (2000).
5903. Mid-Infrared Quantum Cascade Lasers for Flow Injection Analysis
B. Lendl, J. Frank, R. Schindler, A. Mueller, M. Beck, J. Faist
Anal. Chem., **72**, 1645 (2000).
5904. Solvent Extraction Coupled On-Line to a Reversed Micellar Mediated Chemiluminescence Detection System for Trace-Level Determination of Atropine
T. Fujiwara, I. U. Mohammadzai, K. Murayama, T. Kumamaru
Anal. Chem., **72**, 1715 (2000).
5905. Amperometric Biosensor for Glutamate Using Prussian Blue-Based "Artificial Peroxidase" as a Transducer for Hydrogen Peroxide
A. A. Karyakin, E. E. Karyakina, L. Gorton
Anal. Chem., **72**, 1720 (2000).
5906. Experimental Characterization of End-Column Electrochemical Detection in Conjunction with Nonaqueous Capillary Electrophoresis
F.-M. Matysik
Anal. Chem., **72**, 2581 (2000).
5907. Iridium-Based Electrocatalytic Systems for the Determination of Insulin
M. Pikulski, W. Gorski
Anal. Chem., **72**, 2696 (2000).
5908. Equilibrium and Kinetic Measurements of Muscarinic Receptor Antagonism on Living Cells Using Bead Injection Spectroscopy
P. S. Hodder, C. Beeson, J. Ruzicka
Anal. Chem., **72**, 3109 (2000).
5909. A Continuous Film-Recirculable Drop Gas-Liquid Equilibration Device. Measurement of Trace Gaseous Ammonia
Z. Genfa, P. K. Dasgupta
Anal. Chem., **72**, 3165 (2000).
5910. Thermometric Sensing of Peroxide in Organic Media. Application To Monitor the Stability of RBP-Retinol-HRP Complex
K. Ramanathan, B. R. Joensson, B. Danielsson
Anal. Chem., **72**, 3443 (2000).
5911. Approach for Independent-Matrix Removal of Polycyclic Aromatic Hydrocarbons from Solid Samples Based on Microwave-Assisted Soxhlet Extraction with On-Line Fluorescence Monitoring
L. E. Garcia-Ayuso, J. L. Luque-Garcia, M. D. Luque de Castro
Anal. Chem., **72**, 3627 (2000).
5912. Free Flow Electrophoresis Device for Continuous On-Line Separation in Analytical Systems. An Application in Biochemical Detection
M. Mazereeuw, C. M. De Best, U. R. Tjaden, H. Irth, J. Van der Greef
Anal. Chem., **72**, 3881 (2000).
5913. Model for Nonequilibrium Binding and Affinity Chromatography: Characterization of

- 8-Hydroxyquinoline Immobilized on Controlled Pore Glass Using a Flow Injection System with a Packed Microcolumn
M. E. Howard, J. A. Holcombe
Anal. Chem., **72**, 3927 (2000).
5914. An Enzyme Flow Immunoassay that Uses β -Galactosidase as the Label and a Cellobiose Dehydrogenase Biosensor as the Label Detector
E. Burestedt, C. Nistor, U. Schagerloef, J. Emneus
Anal. Chem., **72**, 4171 (2000).
5915. Reduction of Mass Bias and Matrix Effects in Inductively Coupled Plasma Mass Spectrometry with a Supplemental Electron Source in a Negative Extraction Lens
N. Praphairaksit, R. S. Houk
Anal. Chem., **72**, 4435 (2000).
5916. Detection of Nine Chlorinated and Brominated Haloacetic Acids at Part-Per-Trillion Levels Using ESI-FAIMS-MS
B. Ells, D. A. Barnett, R. W. Purves, R. Guevremont
Anal. Chem., **72**, 4555 (2000).
5917. Room Temperature Sonolysis-Based Advanced Oxidation Process for Degradation of Organomercurials. Application to Determination of Inorganic and Total Mercury in Waters by Flow Injection-Cold Vapor Atomic Absorption Spectrometry
J. L. Capelo, I. Lavilla, C. Bendicho
Anal. Chem., **72**, 4979 (2000).
5918. Voltammetry on Microfluidic Chip Platforms
J. Wang, R. Polksy, B. Tian, M. P. Chatrathi
Anal. Chem., **72**, 5285 (2000).
5919. Highly-sensitive flow injection determination of hydrogen peroxide with a peroxidase-immobilized electrode and its application to clinical chemistry
K. Yamamoto, T. Ohgaru, M. Torimura, H. Kinoshita, K. Kano, T. Ikeda
Anal. Chim. Acta, **406**, 201 (2000).
5920. Determination of acid phosphatase activity in a double injection flow system with electrochemical detection
J. Castanon-Fernandez, M. T. Fernandez-Abedul, A. Costa-Garcia
Anal. Chim. Acta, **406**, 225 (2000).
5921. Plant tissue-based chemiluminescence flow biosensor for urea
W. Qin, Z. Zhang, Y. Peng
Anal. Chim. Acta, **407**, 81 (2000).
5922. Application of Convective Interaction Media disks with immobilised glucose oxidase for on-line glucose measurements
M. Vodopivec, M. Berovic, J. Jancar, A. Podgornik, A. Strancar
Anal. Chim. Acta, **407**, 105 (2000).
5923. New electrochemical assay of alkaline phosphatase using ascorbic acid 2-phosphate and its application to enzyme immunoassay
A. Kokado, H. Arakawa, M. Maeda
Anal. Chim. Acta, **407**, 119 (2000).
5924. Simultaneous on-line dissolution monitoring of multicomponent solid preparations containing vitamins B₁, B₂ and B₆ by a fiber-optic sensor system
W. Li, J. Chen, B. Xiang, D. An
Anal. Chim. Acta, **408**, 39 (2000).
5925. Determination of bismuth in pharmaceutical products using liquid-liquid extraction in a flow injection system
A. Alonso, M. J. Almendral, M. D. Baez, M. J. Porras, F. L. Lavin, C. G. de Maria
Anal. Chim. Acta, **408**, 129 (2000).
5926. Spectrophotometric determination of pKa values based on a pH gradient flow-injection system
J. Saurina, S. Hernandez-Cassou, R. Tauler, A. Izquierdo-Ridorsa
Anal. Chim. Acta, **408**, 135 (2000).
5927. Development of a sequential injection system in the capillary format for determinations of the IpaC protein
D. M. Spence, E. D. Knoll, B. T. Ruotolo, J. Bjerregaard
Anal. Chim. Acta, **409**, 3 (2000).
5928. Kinetic-turbidimetric determination of phytic acid by sequential injection analysis
J. G. March, B. M. Simonet, F. Grases
Anal. Chim. Acta, **409**, 9 (2000).
5929. Chemiluminescence behavior of the decomposition of hydrogen peroxide catalyzed by copper(II)-amino acid complexes and its application to the determination of tryptophan and phenylalanine
S. Hanaoka, J.-M. Lin, M. Yamada
Anal. Chim. Acta, **409**, 65 (2000).
5930. Studies of micelle and trace non-polar organic solvent on a new chemiluminescence system and its application to flow injection analysis
G.-F. Zhang, H.-Y. Chen
Anal. Chim. Acta, **409**, 75 (2000).
5931. Flow injection electrochemical enzyme immunoassay based on the use of gold bands
E. M. Abad-Villar, M. T. Fernandez-Abedul, A. Costa-Garcia
Anal. Chim. Acta, **409**, 149 (2000).
5932. On-line detection of nitric oxide generated by the enzymatic action of nitric oxide synthase on l-arginine using a flow injection manifold

- and chemiluminescence detection
N. P. Evmiridis, D. Yao
Anal. Chim. Acta, **410**, 167 (2000).
5933. Flow injection method for the determination of thyroxine by inhibition of glutamate dehydrogenase
T. Ghous, A. Townshend
Anal. Chim. Acta, **411**, 45 (2000).
5934. Performance characteristics for flow injection immunoassay using monoclonal antibodies against s-triazine and 2,4-D herbicides
M. Franek, A. Deng, V. Kolar
Anal. Chim. Acta, **412**, 19 (2000).
5935. Rapid polymeric surfactant characterization using a novel flow-injection system with dynamic surface tension detection
K. E. Miller, R. E. Synovec
Anal. Chim. Acta, **412**, 149 (2000).
5936. Selective stopped-flow injection spectrophotometric determination of palladium(II) in hydrogenation and automobile exhaust gas converter catalysts
A. N. Anthemidis, D. G. Themelis, J. A. Stratis
Anal. Chim. Acta, **412**, 161 (2000).
5937. Solid-phase sodium bismuthate as an oxidant in flow injection analysis: determination of manganese in effluent streams
K. Kargosha, M. Noroozifar
Anal. Chim. Acta, **413**, 57 (2000).
5938. Kinetic determination of acid phosphatase activity by double injection flow analysis with electrochemical detection
J. Castanon-Fernandez, M. T. Fernandez-Abedul, A. Costa-Garcia
Anal. Chim. Acta, **413**, 103 (2000).
5939. Analytical applications of chemiluminogenic reactions
L. P. Palilis, A. C. Calokerinos
Anal. Chim. Acta, **413**, 175 (2000).
5940. Sensitive assay for clavulanic acid and sulbactam in pharmaceuticals and blood serum using a flow-injection chemiluminometric method
F. A. Aly, N. A. Alarfaj, A. A. Alwarthan
Anal. Chim. Acta, **414**, 15 (2000).
5941. Preparation of reagents for the determination of fumonisin B₁ by flow-injection immunoanalysis
J.-a. A. Ho, R. A. Durst
Anal. Chim. Acta, **414**, 51 (2000).
5942. Development of a flow-injection liposome immunoanalysis system for fumonisin B₁
J.-a. A. Ho, R. A. Durst
Anal. Chim. Acta, **414**, 61 (2000).
5943. Development of a new bulk optode membrane for the determination of mercury(II)
C. Sanchez-Pedreno, J. A. Ortuno, M. I. Albero, M. S. Garcia, M. V. Valero
Anal. Chim. Acta, **414**, 195 (2000).
5944. Non-linear calibration in single point flow titration of protolytes A comparison of model options by using Delta Test
F. Albertus, I. Cortes, M. Alvarez, V. Cerdá
Anal. Chim. Acta, **414**, 221 (2000).
5945. Amperometric on-line sensor for continuous measurement of hypoxanthine based on osmium-polyvinylpyridine gel polymer and xanthine oxidase bienzyme modified glassy carbon electrode
L. Mao, K. Yamamoto
Anal. Chim. Acta, **415**, 143 (2000).
5946. Study of enhancement effects in the chemiluminescence method for Cr(III) in the ng L⁻¹ range
C. Xiao, D. Whitney King, D. A. Palmer, D. J. Wesolowski
Anal. Chim. Acta, **415**, 209 (2000).
5947. Determination of flufenamic acid and mefenamic acid in pharmaceutical preparations and biological fluids using flow injection analysis with tris(2,2'-bipyridyl)ruthenium(II) chemiluminescence detection
F. A. Aly, S. A. Al-Tamimi, A. A. Alwarthan
Anal. Chim. Acta, **416**, 87 (2000).
5948. Determination of sulfur dioxide and ascorbic acid in beverages using a dual channel flow injection electrochemical detection system
T. J. Cardwell, M. J. Christophersen
Anal. Chim. Acta, **416**, 105 (2000).
5949. Pervaporation-flow injection determination of ammonia in the presence of surfactants
L. Wang, T. J. Cardwell, R. W. Cattrall, M. D. Luque de Castro, S. D. Kolev
Anal. Chim. Acta, **416**, 177 (2000).
5950. Spectrophotometric determination of total nitrogen in plant materials using a flow -injection system with an AgCl(s) reactor
J. M. T. Carneiro, R. P. Sartini, E. A. G. Zagatto
Anal. Chim. Acta, **416**, 185 (2000).
5951. Flow-injection fluorometric quantification of succinate in foodstuffs based on the use of an immobilized enzyme reactor
T. Tsukatani, K. Matsumoto
Anal. Chim. Acta, **416**, 197 (2000).
5952. Enzymatic determination of ethanol and glycerol by flow injection parallel multi-site detection
A. O. S. S. Rangel, I. V. Toth
Anal. Chim. Acta, **416**, 205 (2000).

5953. Determination of ofloxacin using a chemiluminescence flow-injection method
Y. Rao, Y. Tong, X. Zhang, G. Luo, W. R. G. Baeyens
Anal. Chim. Acta, **416**, 227 (2000).
5954. Sheath-flow Fourier transform infrared spectrometry for the simultaneous determination of citric, malic and tartaric acids in soft drinks
M. J. Ayora-Canada, B. Lendl
Anal. Chim. Acta, **417**, 41 (2000).
5955. Determination of olive oil 2-thiobarbituric acid reactive substances by parallel flow injection
P. G. Nouros, C. A. Georgiou, M. G. Polissiou
Anal. Chim. Acta, **417**, 119 (2000).
5956. Performance enhancement in flow reversal flow injection using on-capillary detection
J. Edwards, A. Patel, D. M. Spence
Anal. Chim. Acta, **417**, 185 (2000).
5957. Determination of antimony species with fluoride as modifier and flow injection hydride generation inductively-coupled plasma emission spectrometry
N. Ulrich
Anal. Chim. Acta, **417**, 201 (2000).
5958. Determination of arsenic species in seawater by flow injection hydride generation in situ collection followed by graphite furnace atomic absorption spectrometry: Stability of As(III)
J. Y. Cabon, N. Cabon
Anal. Chim. Acta, **418**, 19 (2000).
5959. Evaluation and characteristics of a Pb(II) ion-selective electrode based on aquatic humic substances
X. Lu, Z. Chen, S. B. Hall, X. Yang
Anal. Chim. Acta, **418**, 205 (2000).
5960. Bioanalytical flow-injection system for control of hemodialysis adequacy
R. Koncki, A. Radomska, S. Glab
Anal. Chim. Acta, **418**, 213 (2000).
5961. Determination of phenol in water by pervaporation-flow injection analysis
S. Y. Sheikheldin, T. J. Cardwell, R. W. Cattrall, M. D. Luque de Castro, S. D. Kolev
Anal. Chim. Acta, **419**, 9 (2000).
5962. Determination of lead by hydride generation inductively coupled plasma mass spectrometry
J. Li, F. Lu, T. Umemura, K.-I. Tsunoda
Anal. Chim. Acta, **419**, 65 (2000).
5963. On-line pre-concentration system for vanadium determination in drinking water using flow injection-inductively coupled plasma atomic emission spectrometry
R. G. Wuilloud, J. A. Salonia, J. A. Gasquez, R. A. Olsina, L. D. Martinez
Anal. Chim. Acta, **420**, 73 (2000).
5964. Comparison of spectrophotometric and potentiometric detection for the determination of water using Karl Fischer method under flow injection analysis conditions
N. Dantan, S. Kroning, W. Frenzel, S. Kuppers
Anal. Chim. Acta, **420**, 133 (2000).
5965. Determination of Pd(II) by application of an on-line microwave oven and artificial neural networks in flow injection analysis
S. Gang, C. Xingguo, Z. Yunkun, L. Mancang, H. Zhide
Anal. Chim. Acta, **420**, 123 (2000).
5966. Flow injection spectrophotometric assay of α -amylase activity
J. F. van Staden, L. V. Mulaudzi
Anal. Chim. Acta, **421**, 19 (2000).
5967. Overcoming oxygen quenching in fluorescence spectrometry with a highly efficient in-line degassing device interfaced with a flow cell
J. J. Pedrotti, S. Lima, N. Coichev, I. G. R. Gutz
Anal. Chim. Acta, **422**, 131 (2000).
5968. Flow-injection analysis of pyridoxine hydrochloride by coupling with the diazonium ion of p-sulfanilic acid
L. Monferrer-Pons, L. Alvarez-Rodriguez, J. Esteve-Romero, M. C. Garcia-Alvarez-Coque
Anal. Lett., **33**, 539 (2000).
5969. Chemiluminescence flow injection determination of copper (II)
A. Safavi, M. R. Baezzat
Anal. Lett., **33**, 667 (2000).
5970. Determination of nitrite with a PTFE-membrane covered electrode after reduction to nitrogen oxide in a reagent saving flow injection system
H. Kobayashi, M. Hikuma
Anal. Lett., **33**, 1013 (2000).
5971. Flow-injection chemiluminescence determination of fluoroquinolones
Y. Rao, Y. Tong, X. Zhang, G. Luo, W. R. G. Baeyens
Anal. Lett., **33**, 1117 (2000).
5972. Flow injection extraction spectrophotometric determination of niobium as the ethylene-bis(triphenylphosphonium)thiocyanato niobate(V)
D. T. Burns, P. Pornsinlapatip
Anal. Lett., **33**, 1433 (2000).
5973. Applications of amperometric silica sol-gel

- modified enzyme biosensors
J. Li, S. N. Tan
Anal. Lett., **33**, 1467 (2000).
5974. Flow injection chemiluminescence determination of gentamycin using on-line electrogenerated Co(III) as the oxidant
B. Li, Z. Zhang, M. Wu
Anal. Lett., **33**, 1577 (2000).
5975. Development of flow analytical systems for monitoring thiocyanate biodegradation in waste waters
D. L. Recalde-Ruiz, E. Andres-Garcia, M. E. Diaz-Garcia
Anal. Lett., **33**, 1603 (2000).
5976. Acousto-optic tunable filter: a new generation monochromator and more
C. D. Tran
Anal. Lett., **33**, 1711 (2000).
5977. Luminol electrochemiluminescence-based biosensor for total cholesterol determination in natural samples
C. A. Marquette, S. Ravaud, L. J. Blum
Anal. Lett., **33**, 1779 (2000).
5978. Design of the fluoride ion-selective electrode as tubular detector for flow injection analysis
M. Bralic, E. Generalic, S. Krka
Anal. Lett., **33**, 1811 (2000).
5979. Kinetic determination of ruthenium by on-line microwave flow injection analysis
H. Wang, Y. Zhou, Y. Zhao, Y. Ning, X. Chen, Z. Hu
Anal. Lett., **33**, 2075 (2000).
5980. Automation of the photodegradation spectrophotometric method for the determination of diethylstilbestrol by flow injection
C. S. B. Lopez, A. V. L. Gomez, J. M. Calatayud
Anal. Lett., **33**, 2231 (2000).
5981. Flow injection determination of trace amounts of iodide with spectrophotometric detection by its catalytic effect on the 4,4'-bis (dimethylamino) diphenylmethane-chloramine T reaction
B. Rezaei
Anal. Lett., **33**, 2553 (2000).
5982. Flow injection on-line two-stage solvent extraction preconcentration coupled with ET-AAS for determination of bismuth in biological and environmental samples
J. Wang, E. H. Harald
Anal. Lett., **33**, 2747 (2000).
5983. Quantification of L-tartrate in wine by stopped-flow injection analysis using immobilized D-malate dehydrogenase and fluorescence detection
T. Tsukatani, K. Matsumoto
Anal. Sci., **16**, 265 (2000).
5984. Surface improvement of glassy carbon electrode anodized in triethylene glycol and its application to electrochemical HPLC analysis of protein-containing samples
H. Maeda, K. Katayama, R. Matsui, Y. Yamauchi, H. Ohmori
Anal. Sci., **16**, 293 (2000).
5985. On-line preconcentration and determination of lead in iron and steel by flow injection-flame atomic absorption spectrometry
T. Seki, H. Takigawa, Y. Hirano, Y. Ishibashi, K. Oguma
Anal. Sci., **16**, 513 (2000).
5986. Fluorometric determination of glucose by flow injection analysis using immobilized enzyme-reactor columns prepared by coupling glucose oxidase and peroxidase onto chitosan beads
T. Taniai, A. Sakuragawa, T. Okutani
Anal. Sci., **16**, 517 (2000).
5987. Simultaneous determination of trace elements in river-water samples by ICP-MS in combination with a discrete microsampling technique after enrichment with a chitosan-based chelating resin
K.-H. Lee, M. Oshima, T. Takayanagi, S. Motomizu
Anal. Sci., **16**, 731 (2000).
5988. Sensor for hydrogen peroxide based on prussian blue modified electrode: improvement of the operational stability
I. L. De Mattos, L. Gorton, T. Ruzgas, A. A. Karyakin
Anal. Sci., **16**, 795 (2000).
5989. Flow injection analysis for pyrogallol using 1-ethyl-3-(3-dimethylaminopropyl)-carbodiimide as polyphenol chemiluminescence enhancer
Y. Ohba, M. Yamashita, M. Nakazono, L. Ma, K. Zaitsu
Anal. Sci., **16**, 979 (2000).
5990. An electrochemiluminescence-based fiber optic biosensor for choline flow injection analysis
V. C. Tsafack, C. A. Marquette, B. Leca, L. J. Blum
Analyst, **125**, 151 (2000).
5991. In-situ immobilisation of glucose oxidase on a novel microporous silica support
N. G. Wilson, T. McCreedy, G. M. Greenway
Analyst, **125**, 237 (2000).
5992. The application of fluorescence polarization for the enhanced detection of green

- fluorescent protein (GFP) in the presence of cellular auto-fluorescence and other green fluorescent compounds
 A. W. Knight, N. J. Goddard, P. R. Fielden, A. L. Gregson, N. Billinton, M. G. Barker, R. M. Walmsley
Analyst, **125**, 499 (2000).
5993. Flow injection chemiluminescence determination of *N*-tetrahydrobenzothiazolyl imines
 S. Zhang, Y. Wu, H. Li
Analyst, **125**, 753 (2000).
5994. Anomalous behaviour of the quartz crystal microbalance in the presence of electrolytes
 R. Etchenique, T. Buhse
Analyst, **125**, 785 (2000).
5995. Determination of trace tin in flow systems at an epoxy-carbon powder-8-hydroxyquinoline composite electrode
 S. B. Khoo, R. Ye
Analyst, **125**, 895 (2000).
5996. Application of artificial neural networks coupled with an orthogonal design and optimization algorithms to multifactor optimization of a new FIA system for the determination of uranium(vi) in ore samples
 G. Sun, Y. Zhou, H. Wang, H. Chen, X. Chen, Z. Hu
Analyst, **125**, 921 (2000).
5997. Flow injection spectroscopic analysis of model drugs using on-line UV-diode array, FT-infrared and ¹H-nuclear magnetic resonance spectroscopy and time-of-flight mass spectrometry
 D. Louden, A. Handley, S. Taylor, E. Lenz, S. Miller, I. D. Wilson, A. Sage
Analyst, **125**, 927 (2000).
5998. Lab-on-valve: universal microflow analyzer based on sequential and bead injection
 J. Ruzicka
Analyst, **125**, 1053 (2000).
5999. Flow injection-pulse amperometric detection of ephedrine at a cobalt phthalocyanine modified carbon paste electrode
 E. G. Cookeas, C. E. Efstatthiou
Analyst, **125**, 1147 (2000).
6000. Flow injection-liquid chromatography-cold vapour atomic absorption spectrometry for rapid determination of methyl and inorganic mercury
 J. Qvarnstrom, Q. Tu, W. Frech, C. Ludke
Analyst, **125**, 1193 (2000).
6001. On-line preconcentration and separation of platinum using thiourea modified silica gel with microwave assisted desorption for FAAS determination
 P. Liu, Q. Pu, Z. Hu, Z. Su
Analyst, **125**, 1205 (2000).
6002. A novel flow injection procedure for determination of phosphate in industrial raw phosphoric acid
 H. Abderrazak, M. Dachraoui, B. Lendl
Analyst, **125**, 1211 (2000).
6003. Enzymatic determination of choline in milk using a FIA system with potentiometric detection
 J. L. F. C. Lima, C. Delerue-Matos, M. C. V. F. Vaz
Analyst, **125**, 1281 (2000).
6004. Chemiluminometric determination of reserpine and related alkaloids
 N. Pinotsis, A. C. Calokerinos, W. R. G. Baeyens
Analyst, **125**, 1307 (2000).
6005. Enhanced chemiluminescent determination of chloramphenicol and related nitro compounds by 'on-line' photochemical reaction
 V. David, R. M. Marin Saez, J. M. Calatayud, J. V. G. Mateo
Analyst, **125**, 1313 (2000).
6006. Group speciation of metal dithiocarbamates by sorption on C₆₀ fullerene
 J. R. Baena, M. Gallego, M. Valcarcel
Analyst, **125**, 1495 (2000).
6007. Multisyringe flow system: determination of sulfur dioxide in wines
 M. A. Segundo, A. O. S. S. Rangel, A. Cladera, V. Cerdá
Analyst, **125**, 1501 (2000).
6008. Flow injection analysis of hydrogen peroxide on copper-plated screen-printed carbon electrodes
 J.-M. Zen, H.-H. Chung, A. S. Kumar
Analyst, **125**, 1633 (2000).
6009. Determination of sulfide in waters by flow-injection solid phase spectrophotometry
 R. J. Cassella, R. E. Santelli, L. S. G. Teixeira, A. C. S. Costa, S. Garrigues, M. de la Guardia
Analyst, **125**, 1835 (2000).
6010. The determination of phosphorus and other elements in plant leaves by ICP-MS after low-volume microwave digestion with nitric acid
 G. Esslemont, W. Maher, P. Ford, F. Krikowa
At. Spectrosc., **21**, 42 (2000).
6011. Flame atomic absorption spectrometry for the automatic indirect determination of ascorbic acid based on flow injection and reduction of chromate
 Z.-Q. Zhang, Y.-C. Jiang
At. Spectrosc., **21**, 100 (2000).
6012. Determination of antimony(III) by flame AAS

- after microcolumn preconcentration on DETA sorbent
S. Garbos, E. Bulska, A. Hulanicki
At. Spectrosc., **21**, 128 (2000).
6013. Data model for the elimination of matrix effects in enzyme-based flow-injection systems
T. M. Becker, Hanns-Ludwig Schmidt
Biotechnol. Bioeng., **69**, 377 (2000).
6014. Flow injection analysis: inorganic compounds analyses
T. Sakai, N. Teshima
Bunseki, **2000**, 156.
6015. Flow injection analysis: its application to organic analysis
K. Matsumoto, H. Ukeda
Bunseki, **2000**, 211.
6016. Simultaneous determination of phenylalanine, leucine and galactose in a dried-blood disc by semi-micro FIA using an enzyme-immobilized column and its application to neonatal mass-screening for inborn metabolism disorders
M. Mitome, K. Ito, H. Arakawa, M. Maeda
Bunseki Kagaku, **49**, 355 (2000).
6017. Simultaneous FIA of hypoxanthine and polyamines in meat extract using dual enzyme electrode
T. Yao, A. Uno
Bunseki Kagaku, **49**, 369 (2000).
6018. Application of FIA to the measurement of NO_x and SO_x in air and environmental water samples at Nagoya and its environs
N. Teshima, T. Sakai, S. Yasuda, K. Higuchi
Bunseki Kagaku, **49**, 455 (2000).
6019. Stepwise spectrophotometric determination of trace amounts of copper and iron using a Teflon-tube on-line concentration method
A. Iburaim, M. Itagaki, K. Watanabe
Bunseki Kagaku, **49**, 515 (2000).
6020. Determination of trace elements in natural water samples by air-segmented flow-injection/ICP-MS after preconcentration with a chitosan-based chelating resin
K.-H. Lee, M. Oshima, S. Motomizu
Bunseki Kagaku, **49**, 529 (2000).
6021. Fast fourier transform square-wave voltammetry detection of phenothiazines in capillary electrophoresis
J. Magnuszewska, T. Krogulec, A. S. Baranski
Chem. Anal., (Warsaw), **45**, 189 (2000).
6022. Application of electrochemical biosensors for detection of food pathogenic bacteria
D. Ivnitski, I. Abdel-Hamid, P. Atanasov, E. Wilkins, S. Stricker
Electroanalysis, **12**, 317 (2000).
6023. Amine oxidase based amperometric biosensors for histamine detection
M. Niculescu, I. Frebort, P. Pec, P. Galuszka, B. Mattiasson, E. Csoregi
Electroanalysis, **12**, 369 (2000).
6024. Amperometric biosensor for glutathione based on osmium-polyvinylpyridine gel polymer and glutathione sulfhydryl oxidase
L. Mao, K. Yamamoto
Electroanalysis, **12**, 577 (2000).
6025. Determination of traces of uranium in environmental samples using a flow injection system with amperometric catalytic detection
M. A. S. Aguiar, K. S. G. Marquez, I. G. R. Gutz
Electroanalysis, **12**, 742 (2000).
6026. Flow injection monitoring of aflatoxin M1 in cheese using filter-supported bilayer lipid membranes with incorporated DNA
C. G. Siontorou, V. G. Andreou, D. P. Nikolelis, U. J. Krull
Electroanalysis, **12**, 747 (2000).
6027. Study of the reduction of 1-(2'-pyridylazo)-2-naphthol in ethanol-water solutions
S. D. Kolev, L. C. Coo, T. J. Cardwell, R. W. Cattrall
Electroanalysis, **12**, 841 (2000).
6028. Virtual plume
T. Kikas, H. Ishida, P. J. W. Roberts, D. R. Webster, J. Janata
Electroanalysis, **12**, 974 (2000).
6029. Electrochemical determination of lipase activity in pharmaceutical preparations
T. Fuse, G. Oda, K. Arai, K. Takamura, F. Kusu
Electrochim. Acta, **45**, 2933 (2000).
6030. Evaluation of fluoride concentrations in enamel surfaces and slices of teeth as indices of fluoride body burden
K. Kudo, K. Itai
Environ. Sci. (Tokyo), **7**, 15 (2000).
6031. Flow injection complexometric titration of cadmium and lead with zinc-nitrilotriacetic acid metal-ligand buffer solution and 4-(2-thiazolylazo) resorcinol
L. Bao, Z. Wang, H. Chen
Fenxi Huaxue, **28**, 260 (2000).
6032. Flow injection chemiluminescence determination of *N*-tetrahydrobenzothiazolyl imine Schiff base
Z. Zhang, Y. Wu, R. Zhao, H. Li
Fenxi Huaxue, **28**, 357 (2000).
6033. Determination of iodine in urine by flow injection catalytic spectrophotometry with

- on-line digestion
D. Dan, P. Li, R. Li
Fenxi Huaxue, **28**, 486 (2000).
6034. Photochemically-induced fluorescence of paracetamol and its analytical application
X. Cao, H. Chen, Q. He
Fenxi Huaxue, **28**, 491 (2000).
6035. Reverse flow injection chemiluminescent analysis for the determination of copper(II) with luminol-hydrogen peroxide-copper(II)-Coomassie Brilliant Blue G250 system
H. Zhuang, G. Chen, Q. Wang, C. Sun
Fenxi Huaxue, **28**, 573 (2000).
6036. Determination of uranium(VI) by flow injection spectrophotometry
H. Chen, X. Chen, Z. Hu
Fenxi Huaxue, **28**, 790 (2000).
6037. Flow injection-kinetic spectrophotometry for the determination of tannic acid in hops
X. Qu, J. Zhou, H. Yin, Y. Sun
Fenxi Huaxue, **28**, 820 (2000).
6038. Chromium(III) detection in aqueous samples by microchip with flow injection-chemiluminescence method
Y. Xu, F. Bessoth, A. Manz
Fenxi Huaxue, **28**, 876 (2000).
6039. A chemiluminescence biosensor for amygdalin
Z. Song, Z. Zhang
Fenxi Huaxue, **28**, 964 (2000).
6040. Flow injection analysis of deoxyribonucleic acid by fluorometry
G. Song, G. Fang, S. Lu, Z. He, Y. Zeng
Fenxi Huaxue, **28**, 982 (2000).
6041. Determination of aluminum and its species in environmental and biological systems
F. Zhang, S. Bi, J. Yu, Z. Zhang
Fenxi Huaxue, **28**, 1029 (2000).
6042. Determination of bromate in bread additives and flours by flow injection analysis
W. Ketai, L. Huitao, H. Jian, C. Xingguo, H. Zhide
Food Chem., **70**, 509 (2000).
6043. Immunochromatographic techniques -a critical review
M. G. Weller
Fresenius' J. Anal. Chem., **366**, 635 (2000).
6044. Bio- and chemiluminescence in bioanalysis
A. Roda, P. Pasini, M. Guardigli, M. Baraldini, M. Musiani, M. Mirasoli
Fresenius' J. Anal. Chem., **366**, 752 (2000).
6045. A new procedure for the construction of flow-through optodes. Application to determination of copper(II)
C. Sanchez-Pedreno, J. A. Ortuno, M. I. Albero, M. S. Garcia, J. C. G. De las Bayonas
Fresenius' J. Anal. Chem., **366**, 811 (2000).
6046. Synthesis of rhodanine-bonded silica gel and its application in the preconcentration and separation of noble metals
P. Liu, Q.-S. Pu, Q.-Y. Sun, Z.-X. Su
Fresenius' J. Anal. Chem., **366**, 816 (2000).
6047. Rapid and selective determination of ammonium by fluorometric flow injection analysis
H. Mana, U. Spohn
Fresenius' J. Anal. Chem., **366**, 825 (2000).
6048. Flow injection spectrophotometric determination of ascorbic acid in soft drinks and beer
E. Luque-Perez, A. Rios, M. Valcarcel
Fresenius' J. Anal. Chem., **366**, 857 (2000).
6049. Flow injection atomic absorption spectrometric determination of iodide using an on-line preconcentration technique
M. C. Yebra, R. M. Cespon
Fresenius' J. Anal. Chem., **367**, 24 (2000).
6050. Determination of zinc in pharmaceutical products using an electrodialyzer incorporated into a flow system
J. F. van Staden, C. J. Hattingh
Fresenius' J. Anal. Chem., **367**, 79 (2000).
6051. Potentiometric determination of acids and bases using a silica gel based carbon-epoxy indicator electrode
M. F. S. Teixeira, L. A. Ramos, N. E. Almeida O. Fatibello-Filho
Fresenius' J. Anal. Chem., **367**, 86 (2000).
6052. Amperometric biosensor based on D-aminoacid oxidase for the R-perindopril assay
J. F. van Staden, R. -I. Stefan, H. Y. Aboul-Enein
Fresenius' J. Anal. Chem., **367**, 178 (2000).
6053. Flow injection spectrophotometric determination of anionic surfactants using methyl orange as chromogenic reagent
Q. He, H. Chen
Fresenius' J. Anal. Chem., **367**, 270 (2000).
6054. Total determination of metal-binding carbohydrates in plant extracts by using FIA with electrochemical detection
G. Weber, J. Messerschmidt
Fresenius' J. Anal. Chem., **367**, 356 (2000).
6055. Determination of Cu, Pb, Cd, and Zn in river sediment extracts by sequential injection anodic stripping voltammetry with thin mercury film electrode
C. L. da Silva, J. C. Masini
Fresenius' J. Anal. Chem., **367**, 284 (2000).
6056. Determination of s-triazines with copper and glassy carbon electrodes. Flow injection

- analysis of aziprotryne in water samples
A. Zapardiel, E. Bermejo, J. A. Perez, M. Chicharro
Fresenius' J. Anal. Chem., **367**, 461 (2000).
6057. Flow injection spectrophotometric determination of ultra trace amounts of oxalic acid
A. A. Ensafi, A. Kazemzadeh
Fresenius' J. Anal. Chem., **367**, 590 (2000).
6058. On-line complexation of zinc with 5-Br-PADAP and preconcentration using a knotted reactor for inductively coupled plasma atomic emission spectrometric determination in river water samples
J. A. Salonia, R. G. Wuilloud, J. A. Gasquez, R. A. Olsina, L. D. Martinez
Fresenius' J. Anal. Chem., **367**, 653 (2000).
6059. A novel high-temperature (360 °C)/high-pressure (30 MPa) flow system for online sample digestion applied to ICP spectrometry
S. Haiber, H. Berndt
Fresenius' J. Anal. Chem., **368**, 52 (2000).
6060. Determination of arsenic by inductively coupled plasma mass spectrometry—comparison of sample introduction techniques
H. Uggerud, W. Lund
Fresenius' J. Anal. Chem., **368**, 162 (2000).
6061. Electrothermal atomic absorption spectrometric determination of cobalt in biological samples and natural waters using a flow injection system with on-line preconcentration by ion-pair adsorption in a knotted reactor
K. Benkhedda, H. G. Infante, E. Ivanova, F. Adams
Fresenius' J. Anal. Chem., **368**, 288 (2000).
6062. Flow injection on-line group preconcentration and separation of (ultra)trace rare earth elements in environmental and geological samples by precipitation using a knotted reactor as a filterless collector for inductively coupled plasma mass spectrometric determination
X.-P. Yan, R. Kerrich, M. J. Hendry
J. Anal. At. Spectrom., **15**, 237 (2000).
6063. Ultratrace determination of cobalt in natural waters by electrothermal atomic absorption spectrometry using flow-injection on-line sorption preconcentration in a knotted reactor precoated with 1-phenyl-3-methyl-benzoylpyrazol-5-one
K. Benkhedda, H. G. Infante, E. Ivanova, F. Adams
J. Anal. At. Spectrom., **15**, 429 (2000).
6064. On-line emulsification of lubricating oils in a flow-injection system for chromium determination by electrothermal atomic absorption spectrometry
J. L. Burguera, R. A. de Salager, M. Burguera, J. L. Salager, C. Rondon, P. Carrero, M. Gallignani, M. R. Brunetto, M. Briceno
J. Anal. At. Spectrom., **15**, 549 (2000).
6065. Analytical characteristics of a commercial ICP orthogonal acceleration time-of-flight mass spectrometer (ICP-TOFMS)
R. E. Sturgeon, J. W. H. Lam, A. Saint
J. Anal. At. Spectrom., **15**, 607 (2000).
6066. Speciation of inorganic selenium in environmental matrices by flow injection analysis-hydride generation-atomic fluorescence spectrometry. Comparison of off-line, pseudo on-line and on-line extraction and reduction methods
M. Eva Moreno, C. Perez-Conde, C. Camara
J. Anal. At. Spectrom., **15**, 681 (2000).
6067. Automatic on-line ultratrace determination of Cd species of environmental significance in natural waters by FI-ETAAS
F. M. Fernandez, M. B. Tudino, O. E. Troccoli
J. Anal. At. Spectrom., **15**, 687 (2000).
6068. Flow-injection luminescence determination of phenols with extraction-chromatographic preconcentration and chromatomembrane separation of the extract from the aqueous phase
A. L. Moskvin, L. N. Moskvin, A. V. Mozzhukhin, V. V. Fomin
J. Anal. Chem., **55**, 354 (2000).
6069. Use of graph theory for evaluating the selectivity of flow-injection analysis based on displacement reactions: determination of alkaline-earth metals in water-ammonia media
V. V. Kuznetsov, Y. V. Ermolenko
J. Anal. Chem., **55**, 474 (2000).
6070. Combination of precipitation preconcentration and chemical amplification of the signal in flow-injection determination of nanogram amounts of phosphorus
V. V. Kuznetsov, Y. V. Ermolenko, D. V. Novikov, M. L. Bykhovskii
J. Anal. Chem., **55**, 630 (2000).
6071. Selective determination of 4-aminobenzoic and 4-aminosalicylic acid derivatives in mixtures by flow-injection analysis
M. I. Evgen'ev, S. Y. Garmonov, L. S. Shakirova
J. Anal. Chem., **55**, 696 (2000).
6072. Determination of lead in botanicals/Chinese prepared medicines by using microwave

- digestion with flow injection-inductively coupled plasma-mass spectrometry
E.-S. Ong, Y.-L. Yong, S.-O. Woo
J. AOAC Int., **83**, 382 (2000).
6073. Analysis of major ovine milk proteins by reversed-phase high-performance liquid chromatography and flow injection analysis with electrospray ionization mass spectrometry
A.-J. Trujillo, I. Casals, B. Guamis
J. Chromatogr., A, **870**, 371 (2000).
6074. Enantioselective analysis of methadone in saliva by liquid chromatography-mass spectrometry
D. Ortelli, S. Rudaz, A.-F. Chevalley, A. Mino, J.-J. Deglon, L. Balant, J.-L. Veuthey
J. Chromatogr., A, **871**, 163 (2000).
6075. Development of phosphine reagents for the high-performance liquid chromatographic-fluorometric determination of lipid hydroperoxides
K. Akasaka, H. Ohrai
J. Chromatogr., A, **881**, 159 (2000).
6076. Gradient elution techniques for capillary electrochromatography
C. A. Rimmer, S. M. Piraino, J. G. Dorsey
J. Chromatogr., A, **887**, 115 (2000).
6077. Assessment of the pollutant elimination efficiency by gas chromatography/mass spectrometry, liquid chromatography-mass spectrometry and tandem mass spectrometry. Comparison of conventional and membrane-assisted biological wastewater treatment processes
H.-Q. Li, F. Jiku, H. F. Schroder
J. Chromatogr., A, **889**, 155 (2000).
6078. Determination of 1-(2-methoxyphenyl)piperazine derivatives of isocyanates at low concentrations by temperature-programmed miniaturized liquid chromatography
P. Molander, K. Haugland, G. Fladseth, E. Lundanes, S. Thorud, Y. Thomassen, T. Greibrokk
J. Chromatogr., A, **892**, 67 (2000).
6079. FIA coupled to capillary electrophoresis. A tool for process monitoring?
B. Karlberg, P. Kuban
J. Flow Injection Anal., **17**, 5 (2000).
6080. Applications of flow injection analysis in textile processing
Y. Maeshima, H. Ueta, T. Harikou
J. Flow Injection Anal., **17**, 11 (2000).
6081. Flow injection on-line column preconcentration/atomic spectrometry for determination of trace metals
S. Hirata
J. Flow Injection Anal., **17**, 23 (2000).
6082. Highly sensitive and selective detection of pyruvate by amperometric flow-injection analysis based on enzymatic substrate recycling and sensitive detection of hydrogen peroxide
T. Yao, H. Ogawa
J. Flow Injection Anal., **17**, 37 (2000).
6083. Quantitation of oxalate in spinach by amperometric flow-injection analysis with an immobilized oxalate oxidase reactor
K. Matsumoto, M. Higuchi, K. Takayama, T. Tsukatani
J. Flow Injection Anal., **17**, 43 (2000).
6084. Highly sensitive flow-injection sandwich immunoassay for human immunoglobulin G based on two staged amplifications
T. Yao, H. Ogawa
J. Flow Injection Anal., **17**, 51 (2000).
6085. Theoretical considerations of flow injection analysis in the absence of chemical reactions
J. E. T. Andersen
J. Flow Injection Anal., **17**, 59 (2000).
6086. Determination of trace amounts of copper using a flow-through spectrophotometric sensor
J. M. C. Herrera, F. S. Rojas, C. B. Ojeda, A. G. de Torres, J. M. C. Pavon
J. Flow Injection Anal., **17**, 65 (2000).
6087. Development of FIA apparatus for monitoring Magnesium level in water using porphyrin with fluorescence detection
N. Noda, T. Ohto, S. Igarashi, E. Aoyama
J. Flow Injection Anal., **17**, 71 (2000).
6088. Flow injection analysis for the determination of ammonia in exhaust gas of thermal power plant
T. Tsuboi, Y. Hirano, M. Oshima, S. Motomizu
J. Flow Injection Anal., **17**, 77 (2000).
6089. Chemiluminescence determination of thioridazine hydrochloride by flow-injection analysis
A. Kojlo, J. Michalowski, E. Wolyniec
J. Pharm. Biomed. Anal., **22**, 85 (2000).
6090. Automated flow-injection spectrophotometric determination of catecholamines (epinephrine and isoproterenol) in pharmaceutical formulations based on ferrous complex formation
P. Solich, C. K. Polydorou, M. A. Koupparis, C. E. Efstatiou
J. Pharm. Biomed. Anal., **22**, 781 (2000).
6091. Flow injection analysis of cholic acids in pharmaceutical preparations using a

- polymeric membrane ISE as detector
 O. Arias De Fuentes, L. Campanella, G. Crescentini, A. Falcioni, M. P. Sammartino, M. Tomassetti
J. Pharm. Biomed. Anal., **23**, 89 (2000).
6092. Development and optimization of a flow injection assay for fluticasone propionate using an asymmetrical design and the variable-size simplex algorithm
 C. Vannecke, A. Nguyen Minh Nguyet, M. S. Bloomfield, A. J. Staple, Y. V. Heyden, D. L. Massart
J. Pharm. Biomed. Anal., **23**, 291 (2000).
6093. Semiautomatic determination of ferrous iron in iron ore using a flow-injection technique
 S. Lin, H. Man, Z. Shu
Lab. Rob. Autom., **12**, 86 (2000).
6094. Copper determination by flow injection on-line sorbent preconcentration coupled with flame atomic absorption spectrometry using 1,10-phenanthroline
 A. Ali, H. Shen, X. Gu, G. Xu, Y. Ye, X. Yin
Lab. Rob. Autom., **12**, 97 (2000).
6095. A reliable syringe-pump-based flow analyzer for photometric analysis and photometric titration
 A. Tan, X. Zhang, L. Chen, C. Xiao, J. Huang
Lab. Rob. Autom., **12**, 108 (2000).
6096. Determination of antimony in brass by on-line hydride generation fluorescence spectrometry in alkaline solution
 Z. Jin, Z. Tang, H. Qiu, S. Hu
Lab. Rob. Autom., **12**, 114 (2000).
6097. A wall jet flow-through detector for the sensing of quinine and paraquat ions
 B. Saad, Y. Bee-Leng, M. I. Saleh
Lab. Rob. Autom., **12**, 133 (2000).
6098. Use of flow injection analysis for continuous monitoring of river water quality
 A. Wiryawan
Lab. Rob. Autom., **12**, 142 (2000).
6099. Determination of hydrogen peroxide in natural waters by stopped-flow injection analysis with chemiluminescence detection
 S. H. Fan, B. T. Hart, I. D. McKelvie
Lab. Rob. Autom., **12**, 149 (2000).
6100. Photochemical oxidation and flow injection conductivity determination of dissolved organic carbon in estuarine and coastal waters
 K. Koshy, M. Mataki
Lab. Rob. Autom., **12**, 157 (2000).
6101. Automated monitoring system for quality of treated wastewater from a power plant by incorporating flow injection analysis
 W. Kunawanakit, S. Jungkasemchokchai, N. Worakicharoenchai, J. Jakmunee, K. Grudpan
Lab. Rob. Autom., **12**, 164 (2000).
6102. Automatic determination of quinine by atomic absorption spectrometry
 M. C. Yebra, R. M. Cespon
Microchem. J., **65**, 81 (2000).
6103. On-line flow injection solid sample introduction digestion and analysis: spectrophotometric and atomic absorption determination of iron, copper and zinc in multi-vitamin tablets
 J. A. Sweileh
Microchem. J., **65**, 87 (2000).
6104. Flow-injection fluorimetric determination of thiamine in pharmaceutical preparations
 P. Vinas, C. Lopez-Erroz, F. J. Cerdan, N. Campillo, M. Hernandez-Cordoba
Mikrochim. Acta, **134**, 83 (2000).
6105. Flow injection chemiluminescence determination of pipemidic acid using on-line electrogenerated cobalt(III) as oxidant
 B. Li, Z. Zhang, M. Wu
Mikrochim. Acta, **134**, 223 (2000).
6106. Simultaneous determination of ethanol and glycerol in wines by a flow injection-pervaporation approach with in parallel photometric and fluorimetric detection
 E. Mataix, M. D. Luque de Castro
Talanta, **51**, 489 (2000).
6107. Flow-injection chemiluminescence determination of quinine using on-line electrogenerated cobalt(III) as oxidant
 B. Li, Z. Zhang, M. Wu
Talanta, **51**, 515 (2000).
6108. Determination of rutin and other flavonoids by flow-injection/adsorptive stripping voltammetry using nujol-graphite and diphenylether-graphite paste electrodes
 G. J. Volikakis, C. E. Efstatou
Talanta, **51**, 775 (2000).
6109. Studies of selectivity in the amaranth method for chlorine dioxide
 G. L. Emmert, D. E. Coutant, D. L. Sweetin, G. Gordon, B. Bubnis
Talanta, **51**, 879 (2000).
6110. Determination of volatile elements in biological materials by isotopic dilution ETV-ICP-MS after dissolution with tetramethylammonium hydroxide or acid digestion
 D. Pozebon, V. L. Dressler, A. J. Curtius
Talanta, **51**, 903 (2000).
6111. Nickel and zinc determination by flow-injection solid-phase spectrophotometry exploiting different sorption rates
 L. S. G. Teixeira, F. R. P. Rocha, M. Korn, B.

- F. Reis,; S. L. C Ferreira, A. C. S. Costa
Talanta, **51**, 1027 (2000).
6112. Flow-injection hydride generation atomic absorption spectrometric study of the automated on-line pre-reduction of arsenate, methylarsonate and dimethylarsinate and high-performance liquid chromatographic separation of their l-cysteine complexes
D. L. Tsalev, M. Sperling, B. Welz
Talanta, **51**, 1059 (2000).
6113. Electrochemical study and flow-injection amperometric detection of trace NO_2^- at CuPtCl_6 chemically modified electrode
J. Pei, X.-Y. Li
Talanta, **51**, 1107 (2000).
6114. Chemiluminescence determination of sodium 2-mercaptoethane sulfonate by flow injection analysis using cerium(IV) sensitized by quinine
L. F. Capitan-Vallvey, M. C. Valencia Miron, R. Acosta Acosta
Talanta, **51**, 1155 (2000).
6115. Development of a potentiometric flow cell with a stainless steel electrode for pH measurements. Determination of acid mixtures using flow injection analysis
C. G. Zampronio, J. J. R. Rohwedder, R. J. Poppi
Talanta, **51**, 1163 (2000).
6116. A new flow-injection determination of glucose based on the redox reaction of hydroquinone with iron(III) in the presence of 1,10-phenanthroline
H. Katsumata, T. Sekine, N. Teshima, M. Kurihara, T. Kawashima
Talanta, **51**, 1197 (2000).
6117. Development of a positive pressure driven micro-fabricated liquid chromatographic analyzer through rapid-prototyping with poly(dimethylsiloxane). Optimizing chromatographic efficiency with sub-nanoliter injections
P. G. Vahey, S. H. Park, B. J. Marquardt, Y. Xia, L. W. Burgess, R. E. Synovec
Talanta, **51**, 1205 (2000).
6118. Evaluation of different SIA sample-buffer configurations using a fluoride-selective membrane electrode as detector
J. F. van Staden, R.-I. Stefan, S.
Talanta, **52**, 3 (2000).
6119. Potentiometric determination of dialysate urea nitrogen
R. Koncki, A. Radomska, S. Glab
Talanta, **52**, 13 (2000).
6120. Potentiometric flow injection analysis of concentrated hydrogen peroxide by using an Fe(II)-Fe(III) redox potential buffer solution
T. Imato, H. Ohura, S. Yamasaki, Y. Asano
Talanta, **52**, 19 (2000).
6121. Determination of beryllium in natural and waste waters using on-line flow-injection preconcentration by precipitation/dissolution for electrothermal atomic absorption spectrometry
J. L. Burguera, M. Burguera, C. Rondon, P. Carrero, M. R. Brunetto, Y. Petit de Pena
Talanta, **52**, 27 (2000).
6122. FIA-FAAS system including on-line solid phase extraction for the determination of palladium, platinum and rhodium in alloys and ores
I. A. Kovalev, L. V. Bogacheva, G. I. Tsyzin, A. A. Formanovsky, Y. A. Zolotov
Talanta, **52**, 39 (2000).
6123. Determination of procaine, benzocaine and tetracaine by sequential injection analysis with permanganate-induced chemiluminescence detection
H. Pasekova, M. Polasek
Talanta, **52**, 67 (2000).
6124. Determination of water traces in various organic solvents using Karl Fischer method under FIA conditions
N. Dantan, W. Frenzel, S. Kuppers
Talanta, **52**, 101 (2000).
6125. The properties of chromatomembrane cells in flow systems coupled to gas chromatography-analysis of volatile organic compounds
C. Bloch, J. Simon, L. N. Moskvin, O. V. Rodinkov
Talanta, **52**, 123 (2000).
6126. Development of an automated on-line analysis system using flow injection, ultrasound filtration and CCD detection
R. Y. Wang, J. A. Jarratt, P. J. Keay, J. J. Hawkes, W. T. Coakley
Talanta, **52**, 129 (2000).
6127. New spectrophotometer equipped with long light path length cells and two channel FIA for trace metals
T. Sakai, A. Yanagisawa, K. Higuchi, N. Teshima, N. Ura
Talanta, **52**, 153 (2000).
6128. Flow injection determination of iron by its catalytic effect on the oxidation of 3,3',5,5'-tetramethylbenzidine by hydrogen peroxide
A. Tsuji, N. Teshima, M. Kurihara, S. Nakano, T. Kawashima
Talanta, **52**, 161 (2000).
6129. Selective determination of orthophosphate

- and total inorganic phosphates in detergents by flow injection photometric method
L. Jing-fu, J. Gui-bin
Talanta, **52**, 211 (2000).
6130. Electrochemical study of antioxidants at a polypyrrole electrode modified by a nickel phthalocyanine complex. Application to their HPLC separation and to their FIA system detections
J. Riber, C. de la Fuente, M. D. Vazquez, M. L. Tascon, P. Sanchez Batanero
Talanta, **52**, 241 (2000).
6131. Flow injection determination methods of ascorbic acid
M. C. Yebra-Biurrun
Talanta, **52**, 367 (2000).
6132. Flow injection hydride generation electrothermal atomic absorption spectrometry with in-atomizer trapping for the determination of lead in calcium supplements
J. F. Tyson, R. I. Ellis, G. Carnrick, F. Fernandez
Talanta, **52**, 403 (2000).
6133. Electrocatalysis of sulphide with a cellulose acetate film bearing 2,6-dichlorophenolindophenol. Application to sewage using a fully automated flow injection manifold
A. B. Florou, M. I. Prodromidis, M. I. Karayannis, S. M. Tzouwara-Karayanni
Talanta, **52**, 465 (2000).
6134. Simultaneous flow-injection measurement of hydroxide, chloride, hypochlorite and chlorate in Chlor-alkali cell effluents
K. Tian, P. K. Dasgupta
Talanta, **52**, 623 (2000).
6135. Fabrication techniques and materials commonly used for the production of microreactors and micro total analytical systems
T. McCreedy
TrAC, Trends Anal. Chem., **19**, 396 (2000).