FIA Bibliography (45)

Hiroyuki UKEDA, Kochi University

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

8170. FIA Bibliography (44)
Ukeda, H.
J. Flow Injection Anal., **22**, 145-153 (2005)

8171. Electrochemical sensors based on electrodes modified with synthetic hydrotalcites
Scavetta, E.; Ballarin, B.; Berrettoni, M.; Carpani, I.; Giorgetti, M.; Tonelli, D.
Electrochim.Acta, **51**, 2129-2134 (2006)

8172. Electrogenerated chemiluminescence of tris (2,2'-bipyridyl) ruthenium(II) immobilized in humic acid-silica-poly(vinyl alcohol) composite films
Ding, S.-N.; Xu, J.-J.; Chen, H.-Y.
Electroanalysis, **17**, 1517-1522 (2005)

8173. Determination of Sb(III) and Total Sb in Antileishmanial Drugs by Spectrophotometric Flow-Injection Hydride Generation
de Figueiredo, E.; Luccas, P.; Arruda, M.
Anal. Lett., **39**, 543-554 (2006)

8174. Multisyringe Flow Injection Analysis for Determination of 1-Naphthylamine in Water Samples
Guzman Mar, J.L.; Lopez Martinez, L.; Lopez De Alba, P.L.; Castrejon Duran, J.E.; Cerda Martin, V.
Microchim. Acta, **153**, 139-144 (2006)

8175. Quantification of Gluten Exorphin A5 in cerebrospinal fluid by liquid chromatography-mass spectrometry
Fanciulli, G.; Azara, E.; Wood, T.D.; Dettori, A.; Delitala, G.; Marchetti, M.
J. Chromatogr. B, **833**, 204-209 (2006)

8176. Multisyringe flow injection analysis: State-of-the-art and perspectives
Segundo, M.A.; Magalhaes, L.M.
Anal. Sci., **22**, 3-8 (2006)

8177. Novel analytical applications of porphyrin to HPLC post-column flow injection system for determination of the lanthanides
Itoh, J.-I.;Liu, J.;Komata, M.
Talanta, **69**, 61-67 (2006)

8178. Flow-injection in-line complexation for ion-pair reversed phase high performance liquid chromatography of some metal-4-(2-pyridylazo) resorcinol chelate
Srijaranai, S.; Chanpaka, S.; Kukusamude, C.; Grudpan, K.
Talanta, **68**, 1720-1725 (2006)

8179. Simple spectrophotometric flow injection system with an in-valve minicolumn for enhancement during the determination of chromium(III) using EDTA
Lapanantnoppakhun, S.; Kasuwas, S.; Ganranoo, L.; Jakmunee, J.; Grudpan, K.
Anal. Sci., **22**, 153-155 (2006)

8180. Enhanced sensitivity in flow injection analysis using a long pathlength liquid waveguide capillary flow cell for spectrophotometric detection
Zhang, J.-Z.
Anal. Sci., **22**, 57-60 (2006)

8181. Sequential flow injection determination of chlorine species using a triiodide-selective electrode detector
Saad, B.; Wai, W.; Ali, A.S.M.; Saleh, M.I.
Anal. Sci., **22**, 45-50 (2006)

8182. Length Detection-FLOW Analytical System Using Autocatalytic Reaction
Kato, J.; Kubota, T.; Igarashi, S.
Anal. Lett., **38**, 2431-2437 (2005)

8183. Automated Method for the Total Creatinine Determination in Dehydrated Broths
Acebal, C.C.; Centurion, M.E.; Lista, A.G.; Fernandez Band, B.S.
Anal. Lett., **39**, 387-394 (2006)

8184. At-line determination of formaldehyde in bioprocesses by sequential injection analysis
Horstkotte, B.; Werner, E.; Wiedemeier, S.; Elsholz, O.; Cerda, V.; Luttmann, R.
Anal. Chim. Acta, **559**, 248-256 (2006)

8185. An electrochemical cell coupled with disposable screen-printed electrodes for use in flow injection analysis
Hsu, C.-T.; Chung, H.-H.; Lyuu, H.-J.; Tsai, D.-M.; Kumar, A.S.; Zen, J.-M.
Anal. Sci., **22**, 35-38 (2006)

8186. Electrosynthesized poly(pyrrole)/poly(2-naphthol) bilayer membrane as an effective anti-interference layer for simultaneous determination of acethylcholine and choline by a dual electrode amperometric biosensor
Guerrieri, A.; Lattanzio, V.; Palmisano, F.; Zambonin, P. G.
Biosens. Bioelectron., **21**, 1710-1718 (2006)

8187. An improved method for the flow-injection determination of iodine using the luminol chemiluminescence reaction in a reversed micellar medium of cetyltrimethylammonium chloride in 1-hexanol-cyclohexane
Fujiwara, T.; Mohammadzai, I.U.; Kojima, M.; Kumamaru, T.
Anal. Sci., **22**, 67-71 (2006)

8188. Oxidative extraction versus total decomposition of soil in the determination of thallium
Jakubowska, M.; Zembrzuski, W.; Lukaszewski, Z.
Talanta, **68**, 1736-1739 (2006)

8189. Evaluation of the chemiluminescent nitrogen detector for solubility determinations to support drug discovery
Bhattachar, S.N.; Wesley, J.A.; Seadeek, C.
J. Pharm. Biomed. Anal., **41**, 152-157 (2006)

8190. Electroanalysis of sulfonamides by flow injection system/high-performance liquid chromatography coupled with amperometric detection using boron-doped diamond electrode
Preechaworapun, A.; Chuanuwatanakul, S.; Einaga, Y.; Grudpan, K.; Motomizu, S.; Chailapakul, O.
Talanta, **68**, 1726-1731 (2006)

8191. Multiplexed detection of nitrate and nitrite for capillary electrophoresis with an automated device for high injection efficiency
Gao, L.; Patterson, E.E.,II.; Shippy, S.A.
Analyst, **131**, 222-228 (2006)

8192. Sequential injection analysis with chemiluminescence detection for the antioxidative activity against singlet oxygen
Miyamoto, A.; Nakamura, K.; Ohba, Y.; Kishikawa, N.; Nakashima, K.; Kuroda, N.
Anal. Sci., **22**, 73-76 (2006)

8193. Fast GC.times.GC with short primary columns
Harynuk, J.; Marriott, P.J.
Anal. Chem., **78**, 2028-2034 (2006)

8194. Sensitive determination of G-protein-coupled receptor binding ligands by solid phase extraction-electrospray ionization-mass spectrometry
Letzel, T.; Derks, R.J.E.; Martha, C.T.; van Marle, A.; Irth, H.
J. Pharm. Biomed. Anal., **40**, 744-751 (2006)

8195. Electrochemiluminescent behavior of allopurinol in the presence of Ru(bpy)3 2+
Chi, Y.; Xie, J.; Chen, G.
Talanta, **68**, 1544-1549 (2006)

8196. Optimization by means of responses surface of an analytical sequence using a sequential injection system
Pasamontes, A.; Callao, M. P.
Talanta, **68**, 1617-1622 (2006)

8197. Incorporation of flow injection analysis or capillary electrophoresis with resonance Rayleigh scattering detection for inorganic ion analysis
Qi, L.; Han, Z.-Q.; Chen, Y.
J. Chromatogr. A , **1110**, 235-239 (2006)

8198. A versatile set up for implementing different flow analysis approaches
Vieira, J.A.; Raimundo, I.M.; Rohwedder, J.J.R.; Reis, B.F.
Microchem. J., **82**, 56-60 (2006)

8199. On-line microfluidic sensor integrated with an enzyme-modified pre-cell for the monitoring of paracetamol in pharmaceutical samples
Messina, G.A.; De Vito, I.E.; Raba, J.
Anal. Chim. Acta, **559**, 152-158 (2006)

8200. Flow injection potentiometric determination of clobutinol hydrochloride
Issa, Y.M.; Zayed, S.I.M.
Talanta, **69**, 481-487 (2006)

8201. Flow injection kinetic spectrophotometric method for the determination of famotidine in pharmaceutical preparations
Helali, N.; Adhoum, N.; Monser, L.
J. Flow Injection Anal., **22**, 129-133 (2005)

8202. Fluorometric determination of histamine in wine and cider by using an anion-exchange column-FIA system and factorial design study
Del Campo, G.; Gallego, B.; Berregi, I.
Talanta, **68**, 1126-1134 (2006)

8203. One-shot flow injection spectrophotometric simultaneous determination of copper, iron and zinc in patients' sera with newly developed multi-compartment flow cell
Teshima, N.; Gotoh, S.; Ida, K.; Sakai, T.
Anal. Chim. Acta, **557**, 387-392 (2006)

8204. Detecting thiols in a microchip device using micromolded carbon ink electrodes modified with cobalt phthalocyanine
Kuhnline, C.D.; Gangel, M.G.; Hulvey, M.K.; Martin, R.S.
Analyst, **131**, 202-207 (2006)

8205. Flow Injection Analysis System Equipped with a Newly Designed Electrochemiluminescent Detector and Its Application for Detection of 2-Thiouracil
Chi, Y.; Duan, J.; Lin, S.; Chen, G.
Anal. Chem., **78**, 1568-1573 (2006)

8206. A critical examination of the components of the Schlieren effect in flow analysis
Dias, A.C.B.; Borges, E.P.; Zagatto, E.A.G.; Worsfold, P.J.
Talanta, **68**, 1076-1082 (2006)

8207. Determination of ammonia and formaldehyde by flow injection analysis
Sasaki, Y.; Daikokuya, A.; Nukatsuka, I.; Ohzeki, K.
Bunseki Kagaku, **54**, 1155-1160 (2005)

8208. Solid-phase spectrometry and its application to flow injection analysis
Matsuoka, S.; Yoshimura, K.
Bunseki Kagaku, **54**, 1137-1147 (2005)

8209. Off-line speciation of Sb(III) and total Sb in pharmaceuticals by spectrophotometric flow-injection hydride generation using the potassium dichromate reaction
Figueiredo, E.C.; Luccas, P.O.; Arruda, M.A.Z.
J. Flow Injection Anal., **22**, 134-137 (2005)

8210. Chemiluminescence of peracetic acid in alkaline medium and its application to dihydralazine sulfate determination
Yao, H.; Yang, X.; Li, H.
Microchim. Acta, **153**, 171-178 (2006)

8211. Homogeneous chemiluminescence system in neutral and near neutral aqueous solution with ClO2 as oxidant and its analytical application
Li, B.; Deng, Q.; Lv, J.; Zhang, Z.
Anal. Chim. Acta, **560**, 128-133 (2006)

8212. Determination of trace amounts of cobalt(II) by flow injection-solid phase spectrometry (FI-SPS) with 5-Br-PADAB
Matsuoka, S.; Shiota, N.; Yoshimura, K.
Anal. Sci., **22**, 177-181 (2006)

8213. Sequential determination of trace amounts of iron and copper in water samples by flow injection analysis with catalytic spectrophotometric detection
Lunvongsa, S.; Tsuboi, T.; Motomizu, S.
Anal. Sci., **22**, 169-172 (2006)

8214. Pneumatic flow injection analysis-tandem spectrometer system for iron speciation
Noroozifar, M.; Khorasani-Motlagh, M.; Akbari, R.
Anal. Sci., **22**, 141-144 (2006)

8215. Repetitive determination of chemical oxygen demand by cyclic flow injection analysis using on-line regeneration of consumed permanganate
Zenki, M.; Fujiwara, S.; Yokoyama, T.
Anal. Sci., **22**, 77-80 (2006)

8216. Minicolumn field sampling-preconcentration of trace zinc from seawater and its laboratory detection by flow injection flame atomic absorption spectrometry
Yebra-Biurrun, M.C.; Cespon-Romero, R.M.
Anal. Sci., **22**, 51-55 (2006)

8217. Fluorescence determination of the pesticide asulam by

flow injection analysis
Subova, I.; Assandas, A.K.; Icardo, M.C.; Calatayud, J. M.
Anal. Sci., **22**, 21-24 (2006)

8218. Flow injection determination of lead in environmental samples
Oguma, K.
J. Flow Injection Anal., **22**, 110-117 (2005)

8219. An analytical application of the electrocatalysis of the iodate reduction at tungsten oxide films
Caetano da Rocha, J.R.; Ferreira, T.L.; Torresi, R. M.; Bertotti, M.
Talanta, **69**, 148-153 (2006)

8220. Quantitative determination of guanidinoacetate and creatine in dried blood spot by flow injection analysis-electrospray tandem mass spectrometry
Carducci, C.; Santagata, S.; Leuzzi, V.; Carducci, C.; Artiola, C.; Giovanniello, T.; Battini, R.; Antonozzi, I.
Clin. Chim. Acta, **364**, 180-187 (2006)

8221. Counting Single Native Biomolecules and Intact Viruses with Color-Coded Nanoparticles
Agrawal, A.; Zhang, C.; Byassee, T.; Tripp, R.A.; Nie, S.
Anal. Chem., **78**, 1061-1070 (2006)

8222. The use of a micropump based on capillary and evaporation effects in a microfluidic flow injection chemiluminescence system
Guan, Y.-X.; Xu, Z.-R.; Dai, J.; Fang, Z.-L.
Talanta, **68**, 1384-1389 (2006)

8223. Enzymatic rotating biosensor for cysteine and glutathione determination in a FIA system
Ruiz-Diaz, J.J.J.; Torriero, A.A.J.; Salinas, E.; Marchevsky, E.J.; Sanz, M.I.; Raba, J.
Talanta, **68**, 1343-1352 (2006)

8224. Microbial detection in microfluidic devices through dual staining of quantum dots-labeled immunoassay and RNA hybridization
Zhang, Q.; Zhu, L.; Feng, H.; Ang, S.; Chau, F.S.; Liu, W.-T.
Anal. Chim. Acta, **556**, 171-177 (2006)

8225. Flow injection spectrophotometric determination of bromoxynil herbicide by diazotization method
Jan, M.R.; Shah, J.; Bashir, N.
Anal. Sci., **22**, 165-167 (2006)

8226. Determination of starane (fluroxypyr) herbicide using flow injection spectrophotometry
Shah, J.; Jan, M. R.; Bashir, N.
Anal. Sci., **22**, 145-146 (2006)

8227. Chemiluminescent determination of the pesticide bromoxynil by on-line photodegradation in a flow-injection system
Pawlicova, Z.; Albert-Garcia, J.R.; Sahuquillo, I.; Garcia Mateo, J.V.; Icardo, M.C.; Calatayud, J.M.
Anal. Sci., **22**, 29-34 (2006)

8228. Flow Injection Determination of Humic Acid with Chemiluminescence Detection
Tian, Y.; Song, Q.J.; Hua, Z.
Anal. Lett., **38**, 2439-2447 (2005)

8229. A reusable capacitive immunosensor for carcinoembryonic antigen (CEA) detection using thiourea modified gold electrode
Limbut, W.; Kanatharana, P.; Mattiasson, B.; Asawatreratanakul, P.; Thavarungkul, P.
Anal. Chim. Acta, **561**, 55-61 (2006)

8230. Speciation analysis of inorganic arsenic by a multisyringe flow injection system with hydride generation-atomic fluorescence spectrometric detection
Leal, L.O.; Forteza, R.; Cerda, V.
Talanta, **69**, 500-508 (2006)

8231. Flow Injection Analysis Spectrophotometric Determination of Platinum
Patel, K.; Jaiswal, N.; Sharma, P.; Hoffmann, P.
Anal. Lett., **39**, 197-205 (2006)

8232. Thermospray flame furnace-AAS determination of copper after on-line sorbent preconcentration using a system optimized by experimental designs
Tarley, C.R.T.; Figueiredo, E.d.C.; Matos, G. D.
Anal. Sci., **21**, 1337-1342 (2005)

8233. Fast simultaneous determination of niobium and tantalum by Kalman filter analysis with flow injection chemiluminescence method
Wang, H.; Li, J.; Chen, Z.; Liu, M.; Wang, H.
Anal. Sci., **21**, 1051-1055 (2005)

8234. Design and Characterization of Poly (dimethylsiloxane)-Based Valves for Interfacing Continuous-Flow Sampling to Microchip Electrophoresis
Li, M.W.; Huynh, B.H.; Hulvey, M.K.; Lunte, S.M.; Martin, R.S.
Anal. Chem., **78**, 1042-1051 (2006)

8235. Review on automation using multisyringe flow injection analysis
Horstkotte, B.; Elsholz, O.; Cerda, V.
J. Flow Injection Anal., **22**, 99-109 (2005)

8236. Ultrasensitive Assay of Rhein in Medicine Based on its Enhanced Luminol-K3Fe(CN)6 Chemiluminescence Reaction Using the Flow Injection Technique
Liu, E.; Xue, B.
Microchim. Acta, **153**, 51-56 (2006)

8237. Microchip device for rapid screening and fingerprint identification of phenolic pollutants
Wang, J.; Siangproh, W.; Blasco, A.J.; Chailapakul, O.; Escarpa, A.
Anal. Chim. Acta, **556**, 301-305 (2006)

8238. Prussian blue-glutamate oxidase modified glassy carbon electrode: A sensitive L-glutamate and .beta.-N-oxalyl-.alpha.,.beta.-diaminopropionic acid (.beta.-ODAP) sensor
Varma, S.; Yigzaw, Y.; Gorton, L.
Anal. Chim. Acta, **556**, 319-325 (2006)

8239. Automated flow enzyme-linked immunosorbent assay (ELISA) system for analysis of methyl parathion
Kumar, M.A.; Chouhan, R.S.; Thakur, M.S.; Amita Rani, B.E.; Mattiasson, B.; Karanth, N.G.
Anal. Chim. Acta, **560**, 30-34 (2006)

8240. Continuous Ultrasound-Assisted Extraction Coupled to Flow Injection-Pervaporation, Derivatization, and Spectrophotometric Detection for the Determination of Ammonia in Cigarettes
Caballo-Lopez, A.; Luque de Castro, M. D.
Anal. Chem., **78**, 2297-2301 (2006)

8241. A gravity driven micro flow injection wetting film extraction system on a polycarbonate chip
Cai, Z.; Chen, H.; Chen, B.; Huang, C.
Talanta, **68**, 895-901 (2006)

8242. Barrel plating rhodium electrode: Application to flow injection analysis of hydrazine
Sue, J.-W.; Kumar, A.S.; Chung, H.-H.; Zen, J.-M.

Electroanalysis, **17**, 1245-1250 (2005)

8243. Flow-Injection Chemiluminescence Determination of Cobalt Using a Cobalt(II) (1,10-Phenanthroline)3 Complex-Catalyzed Lucigenin-Periodate Reaction
Du, J.; Lu, J.; Zhang, X.
Microchim. Acta, **153**, 21-25 (2006)

8244. A kinetic sequential injection analysis method for silicate determination in water samples containing phosphates
Sultan, S.M.; Legemah, M.U.
J. Flow Injection Anal., **22**, 25-29 (2005)

8245. Automatic chemiluminescence-based determination of carbaryl in various types of matrices
Pulgarin, J.A.M.; Molina, A.A.; Lopez, P.F.
Talanta, **68**, 586-593 (2006)

8246. Sequential injection analysis linked to multivariate curve resolution with alternating least squares
Pasamontes, A.; Callao, M. P.
TrAC-Trends Anal. Chem., **25**, 77-85 (2006)

8247. FIA-near-infrared spectrofluorimetric trace determination of hydrogen peroxide using tricarchlorobocyanine dye (Cy.7.Cl) and horseradish peroxidase (HRP)
Tang, B.; Zhang, L.; Xu, K.-H.
Talanta, **68**, 876-882 (2006)

8248. Sequential injection lab-on-valve simultaneous spectrophotometric determination of trace amounts of copper and iron
Ohno, S.; Teshima, N.; Sakai, T.; Grudpan, K.; Polasek, M.
Talanta, **68**, 527-534 (2006)

8249. A highly stable and sensitive chemically modified screen-printed electrode for sulfide analysis
Tsai, D.-M.; Kumar, A.S.; Zen, J.-M.
Anal. Chim. Acta, **556**, 145-150 (2006)

8250. Flow-injection turbidimetric determination of homatropine methylbromide in pharmaceutical formulations using silicotungstic acid as precipitant reagent
Canaes, L.S.; Leite, O.D.; Fatibello-Filho, O.
Talanta, **69**, 239-242 (2006)

8251. Flow-injection chemiluminescence simultaneous determination of cobalt(II) and copper(II) using partial least squares calibration
Li, B.; Wang, D.; Lv, J.; Zhang, Z.
Talanta, **69**, 160-165 (2006)

8252. Single-step microwave digestion with HNO3 alone for determination of trace elements in coal by ICP spectrometry
Wang, J.; Nakazato, T.; Sakanishi, K.; Yamada, O.; Tao, H.; Saito, I.
Talanta, **68**, 1584-1590 (2006)

8253. Flow-injection flame atomic absorption spectrometric determination of trace amounts of cadmium in solid and semisolid milk products coupling a continuous ultrasound-assisted extraction system with the online preconcentration on a chelating aminomethylphosphoric acid resin
Cancela, S.; Yebra, M.C.
J. AOAC Int., **89**, 185-191 (2006)

8254. Application of dual counter-current chromatography for rapid sample preparation of N-methylcarbamate pesticides in vegetable oil and citrus fruit
Ito, Y.; Goto, T.; Yamada, S.; Matsumoto, H.; Oka, H.; Takahashi, N.; Nakazawa, H.; Nagase, H.; Ito, Y.
J. Chromatogr. A , **1108**, 20-25 (2006)

8255. Automatic method for determination of total antioxidant capacity using 2,2-diphenyl-1 -picrylhydrazyl assay
Magalhaes, L.M.; Segundo, M.A.; Reis, S.; Lima, J.L.F.C.
Anal. Chim. Acta, **558**, 310-318 (2006)

8256. Analysis of pesticides by chemiluminescence detection in the liquid phase
Gamiz-Gracia,L.;Garcia-Campana,A.M.;Soto-Chinchil la, J.J.; Huertas-Perez, J.F.; Gonzalez-Casado, A.
TrAC-Trends Anal. Chem., **24**, 927-942 (2005)

8257. Determination of total mercury in biological samples using flow injection CVAAS following tissue solubilization in formic acid
Kan, M.; Willie, S.N.; Scriver, C.; Sturgeon, R.E.
Talanta, **68**, 1259-1263 (2006)

8258. In vitro monitoring of nanogram levels of naproxen in human urine using flow injection chemiluminescence
Cheng, X.; Zhao, L.; Liu, M.; Lin, J.-M.
Anal. Chim. Acta, **558**, 296-301 (2006)

8259. Spectrophotometric determination of lead in environmental and biological samples by flow injection microcolumn preconcentration and separation using DBMCSA chromogenic agent
Fang, G.-Z.; Pan, J.-M.
Chem. Anal., **50**, 925-934 (2005)

8260. Determination of phenylephrine hydrochloride, chlorpheniramine maleate, and methscopolamine nitrate in tablets or capsules by liquid chromatography with two UV absorbance detectors in series
Cieri, U.R.
J. AOAC Int., **89**, 53-57 (2006)

8261. Determination of phenols at low levels in water samples using automatic flow injection analysis coupled with on-line solid-phase extraction
Sakai, T.; Fujimotoi, S.; Higuchi, K.; Teshima, N.
Bunseki Kagaku, **54**, 1183-1188 (2005)

8262. Development of liposomal immunosensor for the measurement of insulin with femtomole detection
Ho, J.-a. A.; Zeng, S.-C.; Huang, M.-R.; Kuo, H.-Y.
Anal. Chim. Acta, **556**, 127-132 (2006)

8263. Determination of amino acids at a silver oxide/silver phosphate electrode and the analysis of structure-response relationships
DeMott, J. M., J.; Jahngen, E.G.E.
Electroanalysis, **17**, 599-606 (2005)

8264. Mercury determination by FI-CV-AAS after the degradation of organomercurials with the aid of an ultrasonic field: The important role of the hypochlorite ion
Capelo, J. L.; Rivas, G. M.; Oliveira, L. G.; Vilhena, C.; Santos, A. C.; Valada, T.; Galesio, M.; Oliveira, P.; Gomes da Silva, M. D. R.; Gaspar, E. M.; Alves, S.; Fernandez, C.; Vaz, C.
Talanta, **68**, 813-818 (2006)

8265. Flow injection on-line solid phase extraction for ultra-trace lead screening with hydride generation atomic fluorescence spectrometry
Wan, Z.; Xu, Z.; Wang, J.
Analyst, **131**, 141-147 (2006)

8266. Hybrid Fluorometric Flow Analyzer for Ammonia
Amornthammarong, N.; Jakmunee, J.; Li, J.; Dasgupta,

P.K.
Anal. Chem., **78**, 1890-1896 (2006)

8267. Determination of NO2 in air based on flow injection-spectrophotometry with solid-absorption sampling
Wang, S.; Ding, L.; Qin, Y.; Yan, J.
Fenxi Huaxue, **33**, 1730-1732 (2005)

8268. Flow-injection determination of L-histidine with an immobilized histidine oxidase from Brevibacillus borstelensis KAIT-B-022 and chemiluminescence detection
Kiba, N.; Koga, A.; Tachibana, M.; Tani, K.; Koizumi, H.; Koyama, T.; Yamamura, A.; Matsumoto, K.; Okuda, T.; Yokotsuka, K.
Anal. Sci., **22**, 95-98 (2006)

8269. Determination of contents and molecular weights distribution of rice wine proteins by flow injection-spectrophotometry
Lin, F.; Bai, S.
Fenxi Huaxue, **33**, 1459-1461 (2005)

8270. Micro flow injection analysis combined with a separation technique for the urinary glucose assay
Jia, Q.; Matoba, T.; Nishihama, S.; Yoshizuka, K.
Anal. Sci., **22**, 99-103 (2006)

8271. Novel biomedical sensors for flow injection potentiometric determination of creatinine in human serum
Hassan, S.S.M.; Elnemma, E.M.; Mohamed, A.H.K.
Electroanalysis, **17**, 2246-2253 (2005)

8272. Miniaturization of sampling for chemical reaction monitoring by capillary electrophoresis
Kulp, M.; Vaher, M.; Kaljurand, M.
J. Chromatogr. A , **1100**, 126-129 (2005)

8273. Analysis of triazolopyrimidine herbicides in soils using field-enhanced sample injection-coelectroosmotic capillary electrophoresis combined with solid-phase extraction
Hernandez-Borges, J.; Garcia-Montelongo, F.J.; Cifuentes, A.; Rodriguez-Delgado, M.A.
J. Chromatogr. A , **1100**, 236-242 (2005)

8274. Biosensor Based on Self-Assembling Acetylcholinesterase on Carbon Nanotubes for Flow Injection/Amperometric Detection of Organophosphate Pesticides and Nerve Agents
Liu, G.; Lin, Y.
Anal. Chem., **78**, 835-843 (2006)

8275. Cyclic flow-injection analysis for the repetitive determination of zinc with 2-(5-bromo-2-pyridylazo) -5-[N-n-propyl-N-(3-sulfopropyl)amino]phenol and EDTA
Zenki, M.; Ideshima, M.; Taniguchi, M.; Katoh, A.; Yokoyama, T.
Anal. Sci., **21**, 517-520 (2005)

8276. A simple flow injection spectrophotometric procedure for the determination of diazepam in pharmaceutical formulation
Liawruangrath, S.; Makchit, J.; Liawruangrath, B.
Anal. Sci., **22**, 127-130 (2006)

8277. Electrochemical determination of minoxidil in different pharmaceutical formulations by flow injection analysis
Pfaffen, V.; Ortiz, P.I.
Anal. Sci., **22**, 91-94 (2006)

8278. Flow-Injection Spectrophotometric Determination of Dipyrone in Pharmaceutical Formulations Using Ammonium Molybdate as Chromogenic Reagent
Marcolino-Junior, L.; Sousa, R.; Fatibello-Filho, O.; Moraes, F.; Teixeira, M.
Anal. Lett., **38**, 2315-2326 (2005)

8279. Sub-Second Accumulation and Stripping for Pico-Level Monitoring of Amikacin Sulfate by Fast Fourier Transform Cyclic Voltammetry at a Gold Microelectrode in Flow-Injection Systems
Norouzi, P.; Nabi B., Gholam-Reza; G., Mohammad R.; Sepehri, A.; Ghorbani, M.
Microchim. Acta, **152**, 123-129 (2005)

8280. Optimization of a microwave-assisted extraction large-volume injection and gas chromatography-ion trap mass spectrometry procedure for the determination of polybrominated diphenyl ethers, polybrominated biphenyls and polychlorinated naphthalenes in sediments
Yusa, V.; Pardo, O.; Pastor, A.; De la Guardia, M.
Anal. Chim. Acta, **557**, 304-313 (2006)

8281. A mediator-free screen-printed amperometric biosensor for screening of organophosphorus pesticides with flow-injection analysis (FIA) system
Shi, M.; Xu, J.; Zhang, S.; Liu, B.; Kong, J.
Talanta, **68**, 1089-1095 (2006)

8282. Preconcentration and speciation of chromium in drinking water samples by coupling of on-line sorption on activated carbon to ETAAS determination
Gil, R. A.; Cerutti, S.; Gasquez, J. A.; Olsina, R. A.; Martinez, L. D.
Talanta, **68**, 1065-1070 (2006)

8283. Determination of total and dissolved amount of iron in water samples using catalytic spectrophotometric flow injection analysis
Lunvongsa, S.; Oshima, M.; Motomizu, S.
Talanta, **68**, 969-973 (2006)

8284. A flow sampling strategy for the analysis of oil samples without pre-treatment in a sequential injection analysis system
Pinto, P.C.A.G.; Saraiva, M.L.M.F.S.; Lima, J.L.F.C.
Anal. Chim. Acta, **555**, 377-383 (2006)

8285. Third-Generation Biosensor for Lactose Based on Newly Discovered Cellobiose Dehydrogenase
Stoica, L.; Ludwig, R.; Haltrich, D.; Gorton, L.
Anal. Chem., **78**, 393-398 (2006)

8286. Use of Porous Membranes Modified with Polyelectrolyte Multilayers as Substrates for Protein Arrays with Low Nonspecific Adsorption
Dai, J.; Baker, G.L.; Bruening, M.L.
Anal. Chem., **78**, 135-140 (2006)

8287. Sensitive assay for catecholamines in pharmaceutical samples and blood plasma using flow injection chemiluminescence analysis
Yu, C.; Tang, Y.; Han, X.; Zheng, X.
Anal. Sci., **22**, 25-28 (2006)

8288. Analysis of heparin by combining technique of flow injection analysis with resonance light scattering
Dai, X.; Li, Y.; Huang, C.
Fenxi Huaxue, **33**, 1535-1538 (2005)

8289. Determination of ceftriaxone sodium in pharmaceutical formulations by flow injection analysis with acid potassium permanganate chemiluminescence detection
Zhang, D.; Ma, Y.; Zhou, M.; Li, L.; Chen, H.
Anal. Sci., **22**, 183-186 (2006)

8290. Development of a sampling and flow injection analysis

technique for iron determination in the sea ice environment
Lannuzel, D.; de Jong, J.; Schoemann, V.; Trevena, A.; Tison, J.-L.; Chou, L.
Anal. Chim. Acta, **556**, 476-483 (2006)

8291. Novel preconcentration technique using bis(2-ethylhexyl) hydrogen phosphate (HDEHP) loaded porous polytetrafluoroethylene (PTFE) filter tube as a sorbent: Its application to determination of In(III) in seawater by ICP-MS with air segmented discrete sample introduction
Murakami, M.; Furuta, N.
Anal. Chim. Acta, **556**, 423-429 (2006)

8292. Automatic spectrophotometric procedure for the determination of tartaric acid in wine employing multicommutation flow analysis process
Fernandes, E.N.; Reis, B.F.
Anal. Chim. Acta, **557**, 380-386 (2006)

8293. Determination of creatinine by flow injection analysis using creatinine deiminase immobilized chitosan beads column
Yoshiwara, M.; Sakuragawa, A.; Mitsuhashi, A.
Bunseki Kagaku, **54**, 1205-1210 (2005)

8294. Development of chemical sensors and their application to flow analysis systems
Imato, T.
Bunseki Kagaku, **54**, 1123-1136 (2005)

8295. Application of zeolite Y to preconcentration and FI-FAAS determination of Pb, Cd, Cu and Zn
Walas, S.; Borowska, E.; Mrowiec, H.
Chem. Anal., **50**, 825-839 (2005)

8296. On-line preconcentration system for cadmium determination in environmental samples by flame atomic absorption spectrometry
Soylak, M.; Narin, I.
Chem. Anal., **50**, 705-715 (2005)

8297. Flow injection spectrophotometric determination of tetracycline in a pharmaceutical preparation by complexation with aluminum(III)
Liawruangrath, S.; Liawruangrath, B.; Watanesk, S.; Ruengsitagoon, W.
Anal. Sci., **22**, 15-19 (2006)

8298. Separation and determination of tetrandrine and fangchinoline in herbal medicines by flow injection-micellar electrokinetic capillary chromatography with internal standard method
Liu, L.; Liu, X.; Chen, X.; Hu, Z.
J. Chromatogr. A, **1098**, 177-182 (2005)

8299. PVC membrane ion-selective electrodes for the determination of Hyoscyamine in pure solution and in pharmaceutical preparations under batch and flow modes
Badawy, S.S.; Issa, Y.M.; Mutair, A.A.
J. Pharm. Biomed. Anal., **39**, 117-124 (2005)

8300. Novel determination system for urea in alcoholic beverages by using an FIA system with an acid urease column
Iida, Y.; Suganuma, Y.; Matsumoto, K.; Satoh, I.
Anal. Sci., **22**, 173-176 (2006)

8301. Flow injection determination of xanthine oxidase inhibitory activity and its application to food samples
Lam, L.H.; Sakaguchi, K.; Ukeda, H.; Sawamura, M.
Anal. Sci., **22**, 105-109 (2006)

8302. Ion-selective electrodes for potentiometric determination of ranitidine hydrochloride, applying batch and flow injection analysis techniques
Issa, Y.M.; Badawy, S.S.; Mutair, A.A.
Anal. Sci., **21**, 1443-1448 (2005)

8303. Determination of Aluminum Traces in Hemodialysis and Tap Water Using Standard Method's Procedure Modified and Flow Injection Ionic Exchange Preconcentration
Luiz da Silva, E.; Moreira Ganzarolli, E.; de Queiroz, R.
Anal. Lett., **38**, 2089-2101 (2005)

8304. Use of flow injection multisite detection as a novel approach for blank signal correction in a spectrophotometric determination
Oliveira, T.A.C.; Mesquita, R.B.R.; Lima, J.L.F.C.; Rangel, A.O.S.S.
J. AOAC Int., **88**, 1511-1515 (2005)

8305. Biosensing of aromatic amines in reversed micelles with self-generation of hydrogen peroxide at glucose oxidase-peroxidase bienzyme electrodes
Morales, Maria Dolores; Gonzalez, Maria Cristina; Serra, B.; Zhang, J.; Reviejo, A.J.; Pingarron, J. M.
Electroanalysis, **17**, 1780-1788 (2005)

8306. Inorganic mercury determination in whole blood using on-line microwave digestion with flow injection mercury system (FIMS)
Albalak, R.; Caldwell, K.; Jones, R.; Miller, G.
At. Spectrosc., **26**, 234-240 (2005)

8307. Fast determination of pK a values of reverse transcriptase inhibitor drugs for AIDS treatment by using pH-gradient flow-injection analysis and multivariate curve resolution
Checa, A.; Soto, V.G.; Hernandez-Cassou, S.; Saurina, J.
Anal. Chim. Acta, **554**, 177-183 (2005)

8308. Dynamic flow-through approaches for metal fractionation in environmentally relevant solid samples
Miro, M.; Hansen, E.H.; Chomchoei, R.; Frenzel, W.
TrAC-Trends Anal. Chem., **24**, 759-771 (2005)

8309. Rapid determination of lead extracted by acetic acid from glazed ceramic surfaces by flow injection on-line preconcentration and spectrophotometric detection
Kuramochi, M.; Tomioka, K.; Fujinami, M.; Oguma, K.
Talanta, **68**, 287-291 (2005)

8310. A simple strategy for determining ethanol in all types of alcoholic beverages based on its on-line liquid-liquid extraction with chloroform, using a flow injection system and Fourier transform infrared spectrometric detection in the mid-IR
Gallignani, M.; Ayala, C.; Brunetto, M. d. R.; Burguera, J.L.; Burguera, M.
Talanta, **68**, 470-479 (2005)

8311. Coupling on-line of a dialyser with a flow-continuous system to separate vitamin B12 from milk
Medina-Alonso, G.; Carrasco-Fuentes, M.; del Pilar Canizares-Macias, M.
Talanta, **68**, 292-297 (2005)

8312. Rapid and reagent-saving immunoassay using innovative stirring actions of magnetic beads in microreactors in the sequential injection mode
Tanaka, K.;Imagawa, H
Talanta, **68**, 437-441 (2005)

8313. Palm tree peroxidase-based biosensor with unique

characteristics for hydrogen peroxide monitoring
Alpeeva, I.S.; Niculescu-Nistor, M.; Leon, J.C.; Csoeregi, E.; Sakharov, I.Y.
Biosens. Bioelectron., **21**, 742-748 (2005)

8314. On-line electrochemical preconcentration and flame atomic absorption spectrometric determination of manganese in urine samples
Burguera, M.; Burguera, J.L.; Rivas, D.; Rondon, C.; Carrero, P.; Alarcon, O.M.; Petit de Pena, Y.; Brunetto, M.R.; Gallignani, M.; Marquez, O.P.; Marquez, J.
Talanta, **68**, 219-225 (2005)

8315. Flow-injection systems with multi-site detection
Grassi, V.; Zagatto, E.A.G.; Lima, J.L.F.C.
TrAC-Trends Anal. Chem., **24**, 880-886 (2005)

8316. Sequential injection chemiluminescence immunoassay for anionic surfactants using magnetic microbeads immobilized with an antibody
Zhang, R.; Hirakawa, K.; Seto, D.; Soh, N.; Nakano, K.; Masadome, T.; Nagata, K.; Sakamoto, K.; Imato, T.
Talanta, **68**, 231-238 (2005)

8317. Calibration of solid-phase microextraction for quantitative analysis by gas chromatography
Ouyang, G.; Chen, Y.; Setkova, L.; Pawliszyn, J.
J. Chromatogr. A , **1097**, 9-16 (2005)

8318. Use of rapid gas-flow modulation for improved performance in inductively coupled plasma time-of-flight mass spectrometry
McClenathan, D.M.; Hieftje, G.M.
J. Anal. At. Spectrom., **20**, 1318-1325 (2005)

8319. Interfacing in-line gas-diffusion separation with optrode sorptive preconcentration exploiting multisyringe flow injection analysis
Ferrer, L.; de Armas, G.; Miro, M.; Estela, J.M.; Cerda, V.
Talanta, **68**, 343-350 (2005)

8320. Two microcell flow-injection analysis (FIA) platforms for capacitive silicon-based field-effect sensors
Naether, N.; Rolka, D.; Poghossian, A.; Koudelka-Hep, M.; Schoening, M.J.
Electrochim. Acta, **51**, 924-929 (2005)

8321. Development and validation of a flow-injection assay for dissolution studies of the anti-depressant drug venlafaxine
Tzanavaras, P.D.; Verdoukas, A.; Themelis, D.G.
Anal. Sci., **21**, 1515-1518 (2005)

8322. Copper-palladium alloy nanoparticle plated electrodes for the electrocatalytic determination of hydrazine
Yang, C.-C.; Kumar, A.S.; Kuo, M.-C.; Chien, S.-H.; Zen, J.-M.
Anal. Chim. Acta, **554**, 66-73 (2005)

8323. Sequential injection analysis system for on-line monitoring of L-cysteine concentration in biological processes
Lee, S.-H.; Sohn, O.-J.; Yim, Y.-S.; Han, K.-A.; Hyung, G.W.; Chough, S.H.; Rhee, J.I.
Talanta, **68**, 187-192 (2005)

8324. Functional Membrane-Implanted Lab-on-a-Chip for Analysis of Percent HDL Cholesterol
Kim, J.-E.; Cho, J.-H.; Paek, S.-H.
Analytical Chemistry, **77**, 7901-7907 (2005)

8325. Flow-injection determination of ascorbic acid and cysteine simultaneously with spectrofluorometric detection
Rezaei, B.; Ensafi, A.A.; Nouroozi, S.
Anal. Sci., **21**, 1067-1071 (2005)

8326. Determination of alpha-naphthol by an oscillating chemical reaction using the analyte pulse perturbation technique
Yang, W.; Sun, K.-j.; Lu, W.-l.; Bo, L.; He, X.-y.; Suo, N.; Gao, J.-z.
Anal. Chim. Acta, **554**, 218-223 (2005)

8327. Exploiting sequential injection analysis with lab-at-valve (LAV) approach for on-line liquid-liquid micro-extraction spectrophotometry
Burakham, R.; Lapanantnoppakhun, S.; Jakmunee, J.; Grudpan, K.
Talanta, **68**, 416-421 (2005)

8328. Microfluidic cells with interdigitated array gold electrodes: Fabrication and electrochemical characterization
Daniel, D.; Gutz, I.G.R.
Talanta, **68**, 429-436 (2005)

8329. Sequential injection analysis using electrochemical detection: A review
Perez-Olmos, R.; Soto, J. C.; Zarate, N.; Araujo, A. N.; Montenegro, M. C. B. S. M.
Anal. Chim. Acta, **554**, 1-16 (2005)

8330. Flow-injection photometric determination of manganese(II) based on its catalysis of the periodate oxidation of N,N'-bis(2-hydroxy-3-sulfopropyl)tolidine
Nakano, S.; Matumoto, Y.; Yoshii, M.
Talanta, **68**, 312-317 (2005)

8331. A fully automated method for in real time determination of laccase activity in wines
Urbano Cuadrado, Manuel; Perez-Juan, Pedro M.; Luque de Castro, M.D.; Gomez-Nieto, M.A.
Anal. Chim. Acta, **553**, 99-104 (2005)

8332. Chemiluminescent determination of oxalate based on its enhancing effect on the oxidation of methyl red by dichromate
Perez-Ruiz, T.; Martinez-Lozano, C.; Tomas, V.; Fenoll, J.
Anal. Chim. Acta, **552**, 147-151 (2005)

8333. Online Separation and Preconcentration of Gold and Palladium on Amidinothiourea Immobilized Glass Bead for Interference-Free Flame Atom Absorption Spectrometry Determination
Liu, P.; Pu, Q.; Su, Z.
J. Anal. Chem., **60**, 908-913 (2005)

8334. Flow-injection enzymatic analysis for glycerol and triacylglycerol
Wu, L.-c.; Cheng, C.-M.
Anal. Biochem., **346**, 234-240 (2005)

8335. A novel stopped flow injection-amperometric procedure for the determination of chlorate
Tue-Ngeun, O.; Jakmunee, J.; Grudpan, K.
Talanta, **68**, 459-464 (2005)

8336. Batch-injection stripping voltammetry (tube-less flow-injection analysis) of trace metals with on-line sample pretreatment
Trojanowicz, M.; Kozminski, P.; Dias, H.; Brett, C.M.A.
Talanta, **68**, 394-400 (2005)

8337. Exploiting guava leaf extract as an alternative natural reagent for flow injection determination of iron
Settheeworrarit, T.; Hartwell, S.K.; Lapanatnoppakhun, S.; Jakmunee, J.; Christian, G.D.; Grudpan, K.
Talanta, **68**, 262-267 (2005)

8338. Automated portable analyzer for lead(II) based on sequential flow injection and nanostructured electrochemical sensors
Yantasee, W.; Timchalk, C.; Fryxell, G.E.; Dockendorff, B.P.; Lin, Y.
Talanta, **68**, 256-261 (2005)

8339. Thorium Complexation by Hydroxamate Siderophores in Perturbed Multicomponent Systems Using Flow Injection Electrospray Ionization Mass Spectrometry
Keith-Roach, M.J.; Buratti, M.V.; Worsfold, P.J.
Anal. Chem., **77**, 7335-7341 (2005)

8340. Spectrophotometric determination of amoxicillin by reaction with N,N-dimethyl-p-phenylenediamine and potassium hexacyanoferrate(III)
Al-Abachi, M.Q.; Haddi, H.; Al-Abachi, A.M.
Anal. Chim. Acta, **554**, 184-189 (2005)

8341. Flow-injection pulse amperometric detection based on ion transfer across a water-plasticized polymeric membrane interface for the determination of verapamil
Ortuno, J. A.; Sanchez-Pedreno, C.; Gil, A.
Anal. Chim. Acta, **554**, 172-176 (2005)

8342. Flow injection chemiluminescence determination of cephalosporins in pharmaceutical preparations using tris (2,2'-bipyridyl) ruthenium (II)-potassium permanganate system
Thongpoon, C.; Liawruangrath, B.; Liawruangrath, S.; Wheatley, R.A.; Townshend, A.
Anal. Chim. Acta, **553**, 123-133 (2005)

8343. A sensitive procedure for the rapid determination of arsenic(III) by flow injection analysis and chemiluminescence detection
Satienperakul, S.; Cardwell, T.J.; Kolev, S.D.; Lenehan, C.E.; Barnett, N.W.
Anal. Chim. Acta, **554**, 25-30 (2005)

8344. A downsized flow set up based on multicommutation for the sequential photometric determination of iron(II)/iron(III) and nitrite/nitrate in surface water
Feres, M.A.; Reis, B.F.
Talanta, **68**, 422-428 (2005)

8345. On-line preconcentration and speciation of arsenic by flow injection hydride generation atomic absorption spectrophotometry
Narcise, C.I.S.; Coo, L.d.; del Mundo, F.R.
Talanta, **68**, 298-304 (2005)

8346. Determination of trace amounts of bromide by flow injection/stopped-flow detection technique using kinetic-spectrophotometric method
Uraisin, K.; Nacapricha, D.; Lapanantnoppakhun, S.; Grudpan, K.; Motomizu, S.
Talanta, **68**, 274-280 (2005)

8347. Autoadaptative sequential injection system for nitrite determination in wastewaters
Baeza, M.; Bartroli, J.; Alonso, J.
Talanta, **68**, 245-252 (2005)

8348. Clean analytical methodology for the determination of lead with Arsenazo III by cyclic flow-injection analysis
Zenki, M.; Minamisawa, K.; Yokoyama, T.
Talanta, **68**, 281-286 (2005)

8349. Chemiluminescence micro-flow injection chip integrated with microvalve and reagents
Liu, H.; Liu, W.; Zhang, Z.
Fenxi Huaxue, **33**, 811-813 (2005)

8350. Reagents regeneration flow injection analysis (RRFIA) for spectrophotometric determination of methamphetamine coupled with solvent extraction
Teshima, N.; Fukui, N.; Sakai, T.
Talanta, **68**, 253-255 (2005)

8351. Speciation of mercury in salmon egg cell cytoplasm in relation with metallomics research
Hasegawa, T.; Asano, M.; Takatani, K.; Matsuura, H.; Umemura, T.; Haraguchi, H.
Talanta, **68**, 465-469 (2005)

8352. ATR-FT-IR Membrane-Based Sensor for Integrated Microliquid-Liquid Extraction and Detection
Lucena, R.; Cardenas, S.; Gallego, M.; Valcarcel, M.
Anal. Chem., **77**, 7472-7477 (2005)

8353. Semi disposable reactor biosensors for detecting carbamate pesticides in water
Suwansa-ard, S.; Kanatharana, P.; Asawatreratanakul, P.; Limsakul, C.; Wongkittisuksa, B.; Thavarungkul, P.
Biosens. Bioelectron., **21**, 445-454 (2005)

8354. Fast screening of total flavonols in wines, tea-infusions and tomato juice by flow injection/adsorptive stripping voltammetry
Volikakis, G.J.; Efstathiou, C.E.
Anal. Chim. Acta, **551**, 124-131 (2005)

8355. Microfluidic Electrocapture for Separation of Peptides
Astorga-Wells, J.; Vollmer, S.; Tryggvason, S.; Bergman, T.; Joernvall, H.
Anal. Chem., **77**, 7131-7136 (2005)

8356. Flow-injection chemiluminescence determination of tryptophan through its peroxidation and epoxidation by peroxynitrous acid
Liang, Y.-D.; Song, J.-F.
J. Pharm. Biomed. Anal., **38**, 100-106 (2005)

8357. Mid-infrared and Raman spectrometry for quality control of pesticide formulations
Armenta, S.; Quintas, G.; Garrigues, S.; de la Guardia, M.
TrAC-Trends Anal. Chem., **24**, 772-781 (2005)

8358. Electrochemically modulated liquid-liquid extraction of ions
Berduque, A.; Sherburn, A.; Ghita, M.; Dryfe, R.A.W.; Arrigan, D.W.M.
Anal. Chem., **77**, 7310-7318 (2005)

8359. Development of compact photometric titrator and absorptiometric detector for flow-injection analysis using light-emitting diode as light source
Suzuki, Y.; Ito, T.; Fukasawa, T.; Kawakubo, S.; Iwatsuki, M.
Bunseki Kagaku, **54**, 291-295 (2005)

8360. Cyclic FIA
Zenki, M.
J. Flow Injection Anal., **22**, 5-8 (2005)

8361. Preliminary results on the determination of ultratrace amounts of cadmium in tea samples using a flow injection on-line solid phase extraction separation and preconcentration technique to couple with a sequential injection hydride generation atomic fluorescence spectrometry
Duan, T.; Song, X.; Jin, D.; Li, H.; Xu, J.; Chen, H.
Talanta, **67**, 968-974 (2005)

8362. A simple flow injection assay of Ca(II) in mineral supplement using Mg(II)-EDTA
Manee-on, K.; Lapanantnoppakhun, S.; Jakmunee, J.; Grudpan, K.
J. Flow Injection Anal., **22**, 9-10 (2005)

8363. On-line monitoring the cotents of ammonium-nitrogen

in the fermentation process using flow injection-spectrometry
Ning, C.; Yang, S.; Shen, W.; Song, T.
Fenxi Huaxue, **33**, 895 (2005)

8364. Fluorometric determination of uric acids by flow injection analysis using immobilized uricase and horseradish peroxidase column
Yoshiwara, M.; Sakuragawa, A.
Bunseki Kagaku, **54**, 891-896 (2005)

8365. Sensitive potentiometric flow injection analysis of redox species based on the detection of an intermediate produced by a redox reaction with the potential buffer
Ohura, H.; Imato, T.
J. Flow Injection Anal., **22**, 39-42 (2005)

8366. Validated flow injection spectrophotometric assay for the quality and stability control of gemfibrozil tablets
Tzanavaras, P.; Themelis, D.
Anal. Lett., **38**, 2165-2173 (2005)

8367. The determination of perphenazine by a new simple flow-injection chemiluminescence method
Han, X.; Tang, Y.; Yu, C.; Zheng, X.; Jin, Q.
Anal. Lett., **38**, 1933-1941 (2005)

8368. Chemiluminometric determination of propranolol in an automated multicommutated flow system
Marques, K.L.; Santos, J.L.M.; Lima, J.L.F.C.
J. Pharm. Biomed. Anal., **39**, 886-891 (2005)

8369. Flow injection spectrophotometric determination of furosemide in pharmaceuticals by the bleaching of a permanganate carrier solution
Semaan, F.S.; Adelino de Sousa, R.; Cavalheiro, E.T.G.
J. Flow Injection Anal., **22**, 34-37 (2005)

8370. A new, versatile field immunosensor for environmental pollutants
Ciumasu, I.M.; Kraemer, P.M.; Weber, C.M.; Kolb, G.; Tiemann, D.; Windisch, S.; Frese, I.; Kettrup, A.A.
Biosens. Bioelectron., **21**, 354-364 (2005)

8371. Sequential injection analysis (SIA) for Ibn Zahr water quality control
Sultan, S.M.; Legemah, M.U.; Al-Shammari, K.S.; Al-Garni, M., A.; Al-Zahrani, M.A.
J. Flow Injection Anal., **22**, 30-33 (2005)

8372. Photometric flow injection determination of formaldehyde in atmospheric air using chromatomembrane absorption
Rodinkov, O. V.; Moskvin, L. N.; Vaskova, E. A.
J. Flow Injection Anal., **22**, 11-13 (2005)

8373. Evaluation of an FIA operated amperometric bacterial biosensor, based on Pseudomonas putida F1 for the detection of benzene, toluene, ethylbenzene, and xylenes (BTEX)
Rasinger, J.D.; Marrazza, G.; Briganti, F.; Scozzafava, A.; Mascini, M.; Turner, A. P. F.
Anal. Lett., **38**, 1531-1547 (2005)

8374. Microfluidic chip with electrochemiluminescence detection using 2-(2-aminoethyl)-1-methylpyrrolidine labeling
Yin, X.-B.; Du, Y.; Yang, X.; Wang, E.
J. Chromatogr. A , **1091**, 158-162 (2005)

8375. In situ generation of Co(II) by use of a solid-phase reactor in an FIA assembly for the spectrophotometric determination of penicillamine
Corominas, B. G.-T.; Pferzschner, J.; Icardo, M. C.; Zamora, L. L.; Martinez Calatayud, J.
J. Pharm. Biomed. Anal., **39**, 281-284 (2005)

8376. Ultra-trace determination of mercury in water by cold-vapor generation isotope dilution mass spectrometry
Yang, L.; Willie, S.; Sturgeon, R.E.
J. Anal. At. Spectrom., **20**, 1226-1231 (2005)

8377. Evaluation of the total antioxidant capacity by using a multipumping flow system with chemiluminescent detection
Meneses, S.R.P.; Marques, K.L.; Pires, C.K.; Santos, J. L.M.; Fernandes, E.; Lima, J.L.F.C.; Zagatto, E.A.G.
Anal. Biochem., **345**, 90-95 (2005)

8378. Flow-Injection Chemiluminescence as a Means of Studying the Metabolism of Unbound Chromium(III) in Rabbit Blood with On-Line Microdialysis Sampling
Luo, J.; Zhang, Z.; Chen, D.; Shu, W.; Wang, Z.
Microchim. Acta, **150**, 311-316 (2005)

8379. Determination of excitatory amino acids and inhibitory amino acids in amniotic fluid by high performance liquid chromatography
Li, P.; Zhang, J.; Wang, A.; Du, J.
Fenxi Huaxue, **33**, 772-776 (2005)

8380. QCM-FIA with PGMA coating for dynamic interaction study of heparin and antithrombin III
Zhang, H.; Zhao, R.; Chen, Z.; Shangguan, D.-H.; Liu, G.
Biosens. Bioelectron., **21**, 121-127 (2005)

8381. A contactless conductivity detection cell for flow injection analysis: Determination of total inorganic carbon
Hohercakova, Z.; Opekar, F.
Anal. Chim. Acta, **551**, 132-136 (2005)

8382. Electroanalytical study of the antidepressant sertraline
Nouws, H.P.A.; Delerue-Matos, C.; Barros, A.A.; Rodrigues, J.A.
J. Pharm. Biomed. Anal., **39**, 290-293 (2005)

8383. Analysis of disinfection by-products in drinking water by LC-MS and related MS techniques
Zwiener, C.; Richardson, S.D.
TrAC-Trends Anal. Chem., **24**, 613-621 (2005)

8384. FIA-potentiometry in the sub-Nernstian response region for rapid and direct chloride assays in milk and in coconut water
Santos da Silva, I.; Richter, E.M.; do Lago, C.L.; Gutz, I.G.R.; Tanaka, A.A.; Angnes, L.
Talanta, **67**, 651-657 (2005)

8385. Microfluidic systems and proteomics: Applications of the electrocapture technology to protein and peptide analysis
Astorga-Wells, J.; Vollmer, S.; Bergman, T.; Joernvall, H.
Anal. Biochem., **345**, 10-17 (2005)

8386. Preconcentration and determination of trace elements with 2,6-diacetylpyridine functionalized Amberlite XAD-4 by flow injection and atomic spectroscopy
Kara, D.; Fisher, A.; Hill, S.J.
Analyst, **130**, 1518-1523 (2005)

8387. Multi-pumping flow system for the determination, solid-phase extraction and speciation analysis of iron
Pons, C.; Forteza, R.; Cerda, V.
Anal. Chim. Acta, **550**, 33-39 (2005)

8388. FAAS determination of palladium after FI on-line micro-column preconcentration and separation with dicyandiamide-formaldehyde resin immobilized silica gel

Liu, P.; Wu, X.; Su, Z.; Pu, Q.
At. Spectrosc., **26**, 162-166 (2005)

8389. Quantitative analysis of valienamine in the microbial degradation of validamycin A after derivatization with p-nitrofluorobenzene by reversed-phase high-performance liquid chromatography
Chen, X.; Zheng, Y.; Shen, Y.
J. Chromatogr. B, **824**, 341-347 (2005)

8390. A portable and low cost equipment for flow injection chemiluminescence measurements
Rocha, F.R.P.; Rodenas-Torralba, E.; Reis, B.F.; Morales-Rubio, A.; de la Guardia, M.
Talanta, **67**, 673-677 (2005)

8391. Detection of malathion in seawater using a flow injection type biosensor based on the immobilized acetylcholinesterase
Meng, F.; He, D.; Zhu, X.; Yang, Z.; Ma, D.
Fenxi Huaxue, **33**, 922-926 (2005)

8392. Universal Approach for Selective Trace Metal Determinations via Sequential Injection-Bead Injection-Lab-on-Valve Using Renewable Hydrophobic Bead Surfaces as Reagent Carriers
Long, X.; Miro, M.; Hansen, E.H.
Anal. Chem., **77**, 6032-6040 (2005)

8393. Microbial biosensor for the analysis of 2,4-dichlorophenol
Jantra, J.; Zilouei, H.; Liu, J.; Guieysse, B.; Thavarungkul, P.; Kanatharana, P.; Mattiasson, B.
Anal. Lett., **38**, 1071-1083 (2005)

8394. Flow injection analysis of mixtures of dopamine, adrenaline and ephedrine in human biofluids using stabilized after storage in air lipid membranes with a novel incorporated resorcin[4]arene receptor
Nikolelis, D.P.; Siontorou, C.G.; Theoharis, G.; Bitter, I.
Electroanalysis, **17**, 887-894 (2005)

8395. Rapid enzymatic chemiluminescent assay of glucose by means of a hybrid flow-injection /sequential-injection method
Panoutsou, P.; Economou, A.
Talanta, **67**, 603-609 (2005)

8396. Permanganate-based chemiluminescence analysis of ferulic acid using flow injection
Li, L.N.; Li, N.B.; Luo, H.Q.
Anal. Sci., **21**, 963-966 (2005)

8397. Method development and validation for the GC-FID assay of p-cymene in tea tree oil formulation
Shabir, G.A.
J. Pharm. Biomed. Anal., **39**, 681-684 (2005)

8398. Speciation and preconcentration of inorganic antimony in waters by Duolite GT-73 microcolumn and determination by segmented flow injection-hydride generation atomic absorption spectrometry (SFI-HGAAS)
Erdem, A.; Eroglu, A.E.
Talanta, **68**, 86-92 (2005)

8399. On-line collection/concentration of trace amounts of formaldehyde in air with chromatomembrane cell and its sensitive determination by flow injection technique coupled with spectrophotometric and fluorometric detection
Sritharathikhun, P.; Oshima, M.; Motomizu, S.
Talanta, **67**, 1014-1022 (2005)

8400. Chemiluminescence reaction of potassium permanganate-formaldehyde-uric acid system
Liu, M.; He, Y.; Lu, J.
Fenxi Huaxue, **33**, 535-537 (2005)