

FIA Bibliography (47)

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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.

8838. FIA Bibliography (46)
Takayanagi, T.
J. Flow Injection Anal., **23**, 138-153 (2006)
8839. Microfluidic system for planar patch clamp electrode arrays
Li, X.; Klemic, K. G.; Reed, M. A.; Sigworth, F. J.
Nano Lett., **6**, 815-819 (2006).
8840. Determination of paracetamol: historical evolution
Espinosa, B. M.; Ruiz, S. A. J.; Sanchez, R. F.; Bosch, O. C.
J. Pharm. Biomed. Anal., **42**, 291-321 (2006).
8841. Fast BIA-amperometric determination of isoniazid in tablets
Quintino, M. S. M.; Angnes, L.
J. Pharm. Biomed. Anal., **42**, 400-404 (2006).
8842. Syringe pumped high speed flow cytometry of oceanic phytoplankton
Zubkov, M. V.; Burkill, P. H.
Cytom. Part A, **69**, 1010-1009 (2006).
8843. Flow analysis coupled with PQC/DNA biosensor for assay of E. coli based on detecting DNA products from PCR amplification
Sun, H.; Zhang, Y.; Fung, Y.
Biosens. Bioelectron., **22**, 506-512 (2006).
8844. Characterization of a laminar flow cell for the prevention of biosensor fouling
Kyriacou, G.; Vadgama, P.; Wang, W.
Med. Eng. Phys., **28**, 989-998 (2006).
8845. An instrument for sorting of magnetic microparticles in a magnetic field gradient
Espy, M. A.; Sandin, H.; Carr, C.; Hanson, C. J.; Ward, M. D.; Kraus, R. H. Jr.
Cytom. Part A, **69**, 1132-1142 (2006).
8846. Characterizing electrospray ionization using atmospheric pressure ion mobility spectrometry
Tang, X.; Bruce, J. E.; Hill, H. H. Jr.
Anal. Chem., **78**, 7751-7760 (2006).
8847. Analytical solutions of the ideal model for gradient liquid chromatography
Hao, W.; Zhang, X.; Hou, K.
Anal. Chem., **78**, 7828-7840 (2006).
8848. An improved analytical method for the determination of urea nitrogen isotopomers in biological samples utilizing continuous flow isotope ratio mass spectrometry
Marini, J. C.; Attene-Ramos, M. S.
Rapid Commun. Mass Sp., **20**, 3736-3740 (2006).
8849. On-line detection of atmospheric formaldehyde by a conductometric biosensor
Vianello, F.; Boscolo-Chio, R.; Signorini, S.; Rigo, A.
Biosens. Bioelectron., **22**, 920-925 (2007).
8850. Active capture and transport of virus particles using a biomolecular motor-driven, nanoscale antibody sandwich assay
Bachand, G. D.; Rivera, S. B.; Carroll-Portillo, A.; Hess, H.; Bachand, M.
Small, **2**, 381-385 (2006).
8851. A millisecond infrared stopped-flow apparatus
Tang, J.; Gai, F.
Appl. Spectrosc., **60**, 1477-1481 (2006).
8852. A sensitive inhibition chemiluminescence method for the determination of trace tannic acid using the reaction of luminol-hydrogen peroxide catalysed by tetrasulphonated manganese phthalocyanine
Yang, P.; Li, Y.; Wang, P.; Wang, L.
Luminescence, **22**, 46-52 (2007).
8853. On-line determination of the molar ratio between methanol and isobutylene in feedstock of a methyl tertiary butyl ether production plant using near-infrared spectroscopy
Yuan, H.; Luo, X.; Zheng, G.; Hua, W.; Chu, X.; Lu, W.
Appl. Spectrosc., **61**, 96-101 (2007).
8854. Catalytic effect of ferricyanide between myoglobin and luminal and effect of temperature
Gao, X.; Liu, Y.; Song, Z.
Luminescence, **22**, 88-91 (2007).
8855. Rapid and direct determination of selenium, copper, and zinc in blood plasma by flow injection-inductively coupled plasma-mass spectrometry
Kobayashi, K.; Katsuya, Y.; Abdulah, R.; Koyama, H.
Biol. Trace Elem. Res., **115**, 87-94 (2007).
8856. Microcantilever-based biosensor for detection of various biomolecules
Yoo, K.-A.; Na, K.-H.; Joung, S.-R.; Nahm, B.-H.; Kang, C. J.; Kim, Y.-S.
Jpn. J. Appl. Phys., **45**, 515-518 (2006).
8857. Nonspecific detection of proteins by the use of electrochemical SPR sensor
Aoki, K.; Kato, S.; Toyama, S.
Electrochemistry, **74**, 189-191 (2006).
8858. Molecular imprinted ormosils for nafcillin recognition by room temperature phosphorescence optosensing
Guardia, L.; Badia, R.; Diaz-Garcia, M. E.
Biosens. Bioelectron., **21**, 1822-1829 (2006).
8859. High throughput quantification of cholesterol and cholesteryl ester by electrospray ionization tandem mass spectrometry (ESI-MS/MS)
Liebisch, G.; Binder, M.; Schifferer, R.; Langmann, T.; Schulz, B.; Schmitz, G.
BBA-Mol. Cell Biol. L., **1761**, 121-128 (2006).
8860. Optical pH Measurements with Water Dispersion of Polyaniline Nanoparticles and Their Redox Sensitivity
Lindfors, T.; Harju, L.; Ivaska, A.
Anal. Chem., **78**, 3019-3026 (2006).
8861. Impact of Turbulent Mixing on the Performance of a CFD Chloramine Model
Liu, Y.; Ducoste, J. J.
Environ. Eng. Sci., **23**, 341-356 (2006).
8862. A nested-cell approach for in situ remediation
Luo, J.; Wu, W.; Fienen, M. N.; Jardine, P. M.; Mehlhorn, T. L.; Watson, D. B.; Cirpka, O. A.; Criddle, C. S.; Kitanidis, P. K.
Ground Water, **44**, 266-274 (2006).
8863. Synthesis of bilirubin imprinted polymer thin film for the continuous detection of bilirubin in an MIP/QCM/FIA system
Wu, A.-H.; Syu, M.-J.
Biosens. Bioelectron., **21**, 2345-2353 (2006).
8864. A high sensitivity amperometric biosensor using laccase as biorecognition element
Vianello, F.; Ragusa, S.; Cambria, M. T.; Rigo, A.

- Biosens. Bioelectron.*, **21**, 2155-2160 (2006).
8865. Size characterization of sodium hyaluronate by field programming frit inlet asymmetrical flow field-flow fractionation/multiangle light scattering
Kim, H.; Lee, H.; Moon, M. H.
Bull. Kor. Chem. Soc., **27**, 413-418 (2006).
8866. Multicomponent determination of drugs using flow-injection analysis
Hlabangana, L.; Hernandez-Cassou, S.; Saurina, J.
Current Pharmaceutical Analysis, **2**, 127-140 (2006).
8867. Electroless deposition of vanadium-Schiff base complex onto carbon nanotubes modified glassy carbon electrode: Application to the low potential detection of iodate, periodate, bromate and nitrite
Salimi, A.; Mamkhezri, H.; Mohebbi, S.
Electrochem. Commun., **8**, 688-696 (2006).
8868. A new method for determination of tea-polyphenols by flow injection analysis with CCD-diode array detector
Gu, S.-y.; Li, Y.-q.; Zou, X.-l.
Xiandai Yufang Yixue, **33**, 195-197 (2006).
8869. First LC-MS/MS electrospray ionization validated method for the quantification of perindopril and its metabolite perindoprilat in human plasma and its application to bioequivalence study
Jain, D. S.; Subbaiah, G.; Sanyal, M.; Pande, U. C.; Shrivastav, P.
J. Chromatogr. B, **837**, 92-100 (2006).
8870. Simultaneous determination of eight biologically active thiol compounds using gradient elution-liquid chromatography with Coul-Array detection
Petrlova, J.; Mikelova, R.; Stejskal, K.; Kleckerova, A.; Zitka, O.; Petrek, J.; Havel, L.; Zehnalek, J.; Adam, V.; Trnkova, L.; Kizek, R.
J. Sep. Sci., **29**, 1166-1173 (2006).
8871. Increased productivity in quantitative bioanalysis using a monolithic column coupled with high-flow direct-injection liquid chromatography/tandem mass spectrometry
Huang, M.-Q.; Mao, Y.; Jemal, M.; Arnold, M.
Rapid Commun. Mass Sp., **20**, 1709-1714 (2006).
8872. Plant tissue-based chemiluminescence biosensor for ethanol
Huang, Y.; Wu, F.
Anal. Sci., **22**, 965-969 (2006).
8873. Micro analysis system for pH and protease activities with an integrated sample injection mechanism
Morimoto, K.; Suzuki, H.
Biosens. Bioelectron., **22**, 86-93 (2006).
8874. Transport and activity of *Desulfitobacterium dichloroeliminans* strain DCA1 during bioaugmentation of 1,2-DCA-contaminated groundwater
Maes, A.; Van Raemdonck, H.; Smith, K.; Ossieur, W.; Lebbe, L.; Verstraete, W.
Environ. Sci. Technol., **40**, 5544-5552 (2006).
8875. On-line speciation and determination of Cr(III) and Cr(VI) in drinking and waste water samples by reversed-phase high performance liquid chromatography coupled with atomic absorption spectrometry
Sarica, D. Y.; Turker, A. R.; Erol, E.
J. Sep. Sci., **29**, 1600-1606 (2006).
8876. Multienzymatic-rotating biosensor for total cholesterol determination in a FIA system
Salinas, E.; Rivero, V.; Torriero, A. A. J.; Benuzzi, D.; Sanz, M. I.; Raba, J.
Talanta, **70**, 244-250 (2006).
8877. A capillary-PDMS hybrid chip for separations-based sensing of neurotransmitters in vivo
Cellar, N. A.; Kennedy, R. T.
Lab. Chip, **6**, 1205-1212 (2006).
8878. A comparative study of capacitive immunosensors based on self-assembled monolayers formed from thiourea, thioctic acid, and 3-mercaptopropionic acid
Limbut, W.; Kanatharana, P.; Mattiasson, B.; Asawatreratanakul, P.; Thavarungkul, P.
Biosens. Bioelectron., **22**, 233-240 (2006).
8879. Evaluation of progesterone content in saliva using magnetic particle-based immuno supported liquid membrane assay (m-ISLMA)
Tudorache, M.; Zdrojewska, I. A.; Emneus, J.
Biosens. Bioelectron., **22**, 241-246 (2006).
8880. Real-time assay of immobilized tannase with a stopped-flow conductometric device
Chang, F.-S.; Chen, P.-C.; Chen, R. L. C.; Lu, F.-M.; Cheng, T.-J.
Bioelectrochemistry, **69**, 113-116 (2006).
8881. Determination of isoprocarb in water by chemiluminescence system
Zhang, S.-q.
Xiandai Nongyao, **5**, 28-30 (2006).
8882. Chemiluminescence microflow injection analysis system on a chip for the determination of nitrite in food
He, D.; Zhang, Z.; Huang, Y.; Hu, Y.
Food Chem., **101**, 667-672 (2006).
8883. Application of flow injection analysis to determine protein-bound nitrite in meat products
Ruiz-Capillas, C.; Aller-Guote, P.; Jimenez-Colmenero, F.
Food Chem., **101**, 812-816 (2006).
8884. Electrochemiluminescence determination of pipemidic acid using sulfite as energy transfer mediator
Liang, Y.-D.; Gao, W.; Song, J.-F.
Bioorg. Med. Chem. Lett., **16**, 5328-5333 (2006).
8885. Measurements, and production and decomposition mechanisms of hydroperoxides in air, rain, dew, river and drinking waters, Hiroshima prefecture, Japan
Sakugawa, H.; Yamashita, T.; Kawai, H.; Masuda, N.; Hashimoto, N.; Makino, S.; Nakatani, N.; Takeda, K.
Chikyu Kagaku, **40**, 47-63 (2006).
8886. On-line preconcentration and determination of phenols at sub-ppb levels using three switching valves
Sakai, T.; Fujimoto, S.; Higuchi, K.; Teshima, N.
Am. Lab., **38**, 40-41 (2006).
8887. Electrochemical Estimation of the Polyphenol Index in Wines Using a Laccase Biosensor
Gamella, M.; Campuzano, S.; Reviejo, A. J.; Pingarron, J. M.
J. Agr. Food Chem., **54**, 7960-7967 (2006).
8888. Method of analysis of a selected group of pyrethroids in soil samples using off-line flow-through extraction and on-column direct large-volume injection in reversed phase high performance liquid chromatography
Chalanyova, M.; Paulechova, M.; Hutta, M.
J. Sep. Sci., **29**, 2149-2157 (2006).
8889. Development of enzyme flow calorimeter system for monitoring of microbial glycerol conversion
Stefuca, V.; Vostiar, I.; Sefcovicova, J.; Katrlík, J.; Mastihuba, V.; Greifova, M.; Gemeiner, P.
Appl. Microbiol. Biot., **72**, 1170-1175 (2006).
8890. High-Throughput Positive-Dielectrophoretic Bioparticle Microconcentrator
Gadish, N.; Voldman, J.
Anal. Chem., **78**, 7870-7876 (2006).
8891. Exploring "one-shot" kinetics and small molecule analysis using the ProteOn XPR36 array biosensor
Bravman, T.; Bronner, V.; Lavie, K.; Notcovich, A.; Papalia, G. A.; Myszka, D. G.
Anal. Biochem., **358**, 281-288 (2006).
8892. Selective determination of quinones by high-performance

- liquid chromatography with on-line post column ultraviolet irradiation and peroxyoxalate chemiluminescence detection
Ahmed, S.; Fujii, S.; Kishikawa, N.; Ohba, Y.; Nakashima, K.; Kuroda, N.
J. Chromatogr. A, **1133**, 76-82 (2006).
8893. Flow system with electrochemical detection for determination of paracetamol in pharmaceutical preparations
Silva, M. L. S.; Garcia, M. B. Q.; Lima, J. L. F. C.; Barrado, E.
Portugaliae Electrochimica Acta, **24**, 261-271 (2006).
8894. A microchip sensor for calcium determination
Caglar, P.; Tuncel, S. A.; Malcik, N.; Landers, J. P.; Ferrance, J. P.
Anal. Bioanal. Chem., **386**, 1303-1312 (2006).
8895. Highly selective and sensitive determination of dopamine using Nafion/carbon nanotubes coated poly(3-methylthiophene) modified electrode
Wang, H.-S.; Li, T.-H.; Jia, W.-L.; Xu, H.-Y.
Biosens. Bioelectron., **22**, 664-669 (2006).
8896. Elution behavior of protein and pullulan in asymmetrical flow field-flow fractionation (AsFIFFF)
Ji, E.; Choi, S.-H.; Yoon, K. R.; Chun, J.-H.; Lee, S.
Bull. Kor. Chem. Soc., **27**, 1433-1438 (2006).
8897. Kinetic method for creatinine determination by flow injection analysis with diode array of charge coupled device
Qu, L.-L.; Li, Y.-q.; Gu, S.-y.
Xiandai Yufang Yixue, **33**, 1429-1431 (2006).
8898. Flow injection analysis of Cr(VI) using coprecipitation of metal hydroxides
Watanabe, K.; Tojo, M.; Itagaki, M.
Bunseki Kagaku, **55**, 781-786 (2006).
8899. Determination of nitrite in water by flow injection spectrophotometry
Zhao, P.
Fenxi Shiyanshi, **25**, 29-31 (2006).
8900. Studies on spectrophotometric analysis for ultratrace amounts of metal ions coupled with catalytic reactions and flow-based techniques
Ohno, S.
Bunseki Kagaku, **55**, 809-810 (2006).
8901. Determination of arsenic in noncontaminated environmental samples by flow-injection hydrogen-generation atomic absorption spectrometry (AAS)
Hagarova, I.; Zemberyova, M.; Hrusovska, Z.; Sevc, J.; Klimek, J.
Chem. Listy, **100**, 901-905 (2006).
8902. Development of novel supporting materials for immobilizing enzymes and the application of the preparation to micro biosensing
Iida, Y.; Tsukada, Y.; Satoh, I.
Chemical Sensors, **22**(Suppl. B), 25-27 (2006).
8903. Flow-injection microdetermination of zinc(II) ions using an ALP column
Satoh, I.; Takahashi, K.; Iida, Y.
Chemical Sensors, **22**(Suppl. B), 40-42 (2006).
8904. Flow injection spectrophotometric determination of 2,4-D herbicide
Shah, J.; Jan, M. R.; Bashir, N.
J. Chin. Chem. Soc.-Taip., **53**, 845-850 (2006).
8905. Flow injection analysis of ascorbyl glucoside in cosmetics by a disposable printed-circuit board waste modified electrode
Shih, Y.; Zen, J.-M.
J. Chin. Chem. Soc.-Taip., **53**, 857-862 (2006).
8906. Application of a LIX 622 liquid ion-exchanger of a hydroxyoxime type immobilized onto silica gel for flow injection preconcentration and FAAS determination of copper
Walas, S.; Mrowiec, H.; Sadza, M.
Chem. Anal.-Warsaw, **51**, 727-737 (2006).
8907. A microfluidic chip based sequential injection system with trapped droplet liquid-liquid extraction and chemiluminescence detection
Shen, H.; Fang, Q.; Fang, Z.-L.
Lab. Chip, **6**, 1387-1389 (2006).
8908. Automated on-line separation preconcentration system for palladium determination by graphite furnace atomic absorption spectrometry and its application to palladium determination in environmental and food samples
Rojas, F. S.; Ojeda, C. B.; Pavon, J. M. C.
Talanta, **70**, 979-983 (2006).
8909. Hyphenating Multisyringe Flow Injection Lab-on-Valve Analysis with Atomic Fluorescence Spectrometry for On-Line Bead Injection Preconcentration and Determination of Trace Levels of Hydride-Forming Elements in Environmental Samples
Long, X.; Miro, M.; Hansen, E. H.; Estela, J. M.; Cerda, V.
Anal. Chem., **78**, 8290-8298 (2006).
8910. Flow injection-chemiluminescence determination of soybean isoflavone
Yang, D.; Jing, C.; Hao, Z.; Qiu, L.
Fenxi Huaxue, **34**, 1113-1115 (2006).
8911. Determination of dopamine by flow injection-irreversible biamperometric
Li, L.; Cheng, H.; Chen, Q.; Huang, W.; Kong, H.; Wu, J.
Fenxi Huaxue, **34**, 1129-1132 (2006).
8912. Chemiluminescence of luminol-potassium ferricyanide with benserazide and application in analytical chemistry
Lu, J. Q.; He, W. W.; Zhou, X. W.
Chinese Chem. Lett., **17**, 1233-1235 (2006).
8913. Determination of acidity constants by gradient flow-injection titration
Conceicao, A. C. L.; da Piedade, M. E. M.
J. Chem. Edu., **83**, 1853-1856 (2006).
8914. Simultaneous determination of gold and platinum by double artificial neural network analysis with flow-injection chemiluminescence
Liu, M. Y.; Zhang, H. T.; Li, J. F.; Chen, S. G.; Wang, H. Y.
Chinese Chem. Lett., **17**, 1343-1346 (2006).
8915. Piezoelectric Quartz Crystal Microbalance Sensor for Trace Aqueous Cyanide Ion Determination
Timofeyenko, Y. G.; Rosentreter, J. J.; Mayo, S.
Anal. Chem., **79**, 251-255 (2007).
8916. Application of Ganglioside-Sensitized Liposomes in a Flow Injection Immunoanalytical System for the Determination of Cholera Toxin
Ho, J.-a. A.; Wu, L.-C.; Huang, M.-R.; Lin, Y.-J.; Baeumner, A. J.; Durst, R. A.
Anal. Chem., **79**, 246-250 (2007).
8917. A fully automated sequential-injection analyser for dual electrogenerated chemiluminescence/amperometric detection
Economou, A.; Nika, M.
J. Autom. Method. Manag., **2**, 1-9 (2006).
8918. Flow-through bulk optode for spectrophotometric determination of thiocyanate and its application to water and saliva analysis
Garcia, M. S.; Ortuno, J. A.; Sanchez-Pedreno, C.; Albero, M. I.; Fernandez, M. J.
Sensors, **6**, 1224-1233 (2006).
8919. Recent development in optical chemical sensors coupling with flow injection analysis

- Ojeda, C. B.; Rojas, F. S. *Sensors*, **6**, 1245-1307 (2006).
8920. Gas/liquid and liquid/liquid solvent extraction in flow analysis with the chromatomembrane cell
Moskvin, L. N.; Simon, J. *Sensors*, **6**, 1321-1332 (2006).
8921. Recent electrochemical and optical sensors in flow-based analysis
Chailapakul, O.; Ngamukot, P.; Yoosamran, A.; Siangproh, W.; Wangfuengkanagul, N. *Sensors*, **6**, 1383-1410 (2006).
8922. Flow injection irreversible biamperometric determination of salicylic acid
Li, L.; Chen, Q.; Cheng, H.; Wu, J. *Huaxue Tongbao*, **69**, 785-788 (2006).
8923. Determination of mercury in organic solvents and gas condensates by μ flow-injection - inductively coupled plasma mass spectrometry using a modified total consumption micronebulizer fitted with single pass spray chamber
Bouyssiere, B.; Ordonez, Y. N.; Lienemann, C.-P.; Schaumloeffel, D.; Lobinski, R. *Spectrochim. Acta B*, **61B**, 1063-1068 (2006).
8924. Chemiluminescence determination of enoxacin with Luminol-H₂O₂-MnTSPc system
Li, S.-F.; Wei, X.-W. *Guangpu Shiyanshi*, **23**, 944-947 (2006).
8925. Thermal desorption and gas chromatography-mass spectrometry for measurement of phthalates in cigarette package material
Hou, Y.; Cao, Q.-E.; Xie, X.-G.; Wang, B.-X.; Yang, Y.; Xu, J.-C.; Yang, Y.; Liu, J. *Guangpu Shiyanshi*, **23**, 1022-1025 (2006).
8926. Determination of formaldehyde in air and human serum with flow-injection chemiluminescence method
Shao, X.-D.; Song, Z.-H. *Guangpu Shiyanshi*, **23**, 1113-1116 (2006).
8927. Development of a simple extraction cell with bi-directional continuous flow coupled on-line to ICP-MS for assessment of elemental associations in solid samples
Buanam, J.; Tiptanasup, K.; Shiowatana, J.; Miro, M.; Hansen, E. H. *J. Environ. Monitor.*, **8**, 1248-1254 (2006).
8928. Flow-injection analysis for the determination of total inorganic carbon and total organic carbon in water using the H₂O₂-luminol-uranine chemiluminescent reaction
Fan, S.-L.; Qu, F.; Zhao, L.; Lin, J.-M. *Anal. Bioanal. Chem.*, **386**, 2175-2182 (2006).
8929. Chemiluminometric flow-through sensors
Kiba, N. *J. Flow Injection Anal.*, **23**, 3-8 (2006).
8930. Flow-injection photometric determination of mercaptans in light oil products by extraction/preconcentration with chromatomembrane cell
Bulatov, A. V.; Moskvin, L. N.; Goldvirt, D. K.; Goncharova, D. V. *J. Flow Injection Anal.*, **23**, 9-11 (2006).
8931. Simple and highly sensitive spectrophotometric flow injection method for the determination of iodate in iodized salt
Uraisin, K.; Takayanagi, T.; Oshima, M.; Nacapricha, D.; Motomizu, S. *J. Flow Injection Anal.*, **23**, 13-18 (2006).
8932. FIA-fluorimetric determination of the herbicide benfuresate
Albert-Garcia, J. R.; Calatayud, J. M. *J. Flow Injection Anal.*, **23**, 19-24 (2006).
8933. Determination of ultratrace amounts of iron in concentrated acids by flow injection spectrophotometric method based on the catalytic effect of iron ion on the oxidation reaction of *N,N*-dimethyl-*p*-phenylenediamine with hydrogen peroxide
Lunvongsa, S.; Lenghor, N.; Oshima, M.; Motomizu, S. *J. Flow Injection Anal.*, **23**, 25-28 (2006).
8934. Fluorometric flow injection method for the determination of ammonia based on Hantzsch reaction and its application to ammonia determination in the atmosphere
Li, Q.; Sudou, N.; Oshima, M.; Motomizu, S. *J. Flow Injection Anal.*, **23**, 29-34 (2006).
8935. How far did the apparatus for water quality analysis evolve? Part 20. Flow injection analysis. (2)
Higuchi, K. *Kogyo Yosui*, **578**, 21-30 (2006).
8936. Nonlithographic Fabrication of Microfluidic Devices
Vullev, V. I.; Wan, J.; Heinrich, V.; Landsman, P.; Bower, P. E.; Xia, B.; Millare, B.; Jones, G. II. *J. Am. Chem. Soc.*, **128**, 16062-16072 (2006).
8937. Preparation and electrocatalytic performance of functionalized copper-based nanoparticles supported on the gold surface
Liu, H.; Su, X.; Tian, X.; Huang, Z.; Song, W.; Zhao, J. *Electroanalysis*, **18**, 2055-2060 (2006).
8938. A novel potentiometric membrane sensor based on aryl palladium complex for selective determination of thiocyanate in the saliva and urine of cigarette smokers
Hassan, S. S. M.; Mohmoud, W. H.; Elgazwy, A.-S. S. Hamad, B.; Nahla M. *Electroanalysis*, **18**, 2070-2078 (2006).
8939. Compensation voltage shifting in high-field asymmetric waveform ion mobility spectrometry-mass spectrometry
Kolakowski, B. M.; McCooeey, M. A.; Mester, Z. *Rapid Commun. Mass Sp.*, **20**, 3319-3329 (2006).
8940. Field test of a cross-injection scheme for stimulating in situ denitrification near a municipal water supply well
Gierczak, R.; Devlin, J. F.; Rudolph, D. L. *J. Contam. Hydrol.*, **89**, 48-70 (2007).
8941. Effect of fouling reduction by ozone backwashing in a microfiltration system with advanced new membrane material
Kim, J.-O.; Jung, J.-T.; Yeom, I.-T.; Aoh, G.-H. *Desalination*, **202**, 361-368 (2007).
8942. Determination of carbamazepine by flow-injection analysis: its application to tablet analysis and dissolution studies
Comoglu, T.; Gonul, N.; Sener, E.; Dal, A. G.; Tuncel, M. *J. Liq. Chromatogr. R. T.*, **29**, 2677-2690 (2006).
8943. Flow injection-chemiluminescence determination of phenol using potassium permanganate and formaldehyde system
Cao, W.; Mu, X.; Yang, J.; Shi, W.; Zheng, Y. *Spectrochim. Acta A*, **66A**, 58-62 (2007).
8944. A novel planar miniaturized potentiometric sensor for flow injection analysis of nitrates in wastewaters, fertilizers and pharmaceuticals
Hassan, S. S. M.; Sayour, H. E. M.; Al-Mehrezi, S. S. *Anal. Chim. Acta*, **581**, 13-18 (2007).
8945. On-line flow injection solid sample introduction, leaching and potentiometric determination of fluoride in phosphate rock
Sweileh, J. A. *Anal. Chim. Acta*, **581**, 168-173 (2007).
8946. Automated measurement of permeation and dissolution of propranolol HCl tablets using sequential injection analysis
Motz, S. A.; Klimundova, J.; Schaefer, U. F.; Balbach, S.; Eichinger, T.; Solich, P.; Lehr, C.-M. *Anal. Chim. Acta*, **581**, 174-180 (2007).
8947. Optimisation of volatile elements determination by flow

- injection hydride generation-inductively coupled plasma spectrometry in electrolytic manganese
Antolin, R.; Borge, G.; Posada, T.; Etxebarria, N.; Raposo, J. C.
J. Alloy. Compd., **427**, 73-77 (2007).
8948. Development of off-line layer chromatographic and total reflection X-ray fluorescence spectrometric methods for arsenic speciation
Mihucz, V. G.; Moricz, A. M.; Kroepfl, K.; Szikora, S.; Tatar, E.; Parra, L. M. M.; Zaray, G.
Spectrochim. Acta B, **61B**, 1124-1128 (2006).
8949. Spectrophotometric determination of traces of selenium(IV) in various environmental samples using the flow-injection technique (FIT)
Rekha, D.; Suvardhan, K.; Kumar, K. S.; Naidu, G. R. K.; Chiranjeevi, P.
J. Anal. Chem., **61**, 1177-1182 (2006).
8950. Determination of cyanide in coking plants waste waters using flow injection with spectrophotometric detection
Michalski, R.; Glowala, K.
Archiwum Ochrony Srodowiska, **32**, 93-99 (2006).
8951. Flow injection analysis coupled with carbon electrodes as the tool for analysis of naphthoquinones with respect to their content and functions in biological samples
Babula, P.; Huska, D.; Hanustiak, P.; Baloun, J.; Krizkova, S.; Adam, V.; Hubalek, J.; Havel, L.; Zemlicka, M.; Horna, A.; Beklova, M.; Kizek, R.
Sensors, **6**, 1466-1482 (2006).
8952. Electrochemical sensors for detection of acetylsalicylic acid
Supalkova, V.; Petrek, J.; Havel, L.; Krizkova, S.; Petlova, J.; Adam, V.; Potesil, D.; Babula, P.; Beklova, M.; Horna, A.; Kizek, R.
Sensors, **6**, 1483-1497 (2006).
8953. Performance of octadecylsilylated monolithic silica capillary columns of 530 μm inner diameter in HPLC
Motokawa, M.; Ohira, M.; Minakuchi, H.; Nakanishi, K.; Tanaka, N.
J. Sep. Sci., **29**, 2471-2477 (2006).
8954. Simple determination of betamethasone and chloramphenicol in a pharmaceutical preparation using a short monolithic column coupled to a sequential injection system
Satinsky, D.; Chocholous, P.; Salabova, M.; Solich, P.
J. Sep. Sci., **29**, 2494-2499 (2006).
8955. Use of sugar cane bagasse as solid phase extractor for cadmium determination by FAAS
Borges, E. C. L.; Paiva de Oliveira, A.; de Moraes, M.; Gomes Neto, J. A.
Atom. Spectrosc., **27**, 139-145 (2006).
8956. Determination of Pb(II) with a dithizone-modified carbon paste electrode
Vazquez, M. D.; Tascon, M. L.; Deban, L.
J. Environ. Sci. Heal. A, **41**, 2735-2746 (2006).
8957. Chemiluminescent determination of chlorogenic acid in fruits
Wang, X.; Wang, J.; Yang, N.
Food Chem., **102**, 422-426 (2007).
8958. An air-driving FI device with merging zones technique for the determination of formaldehyde in beers
Yue, X.-F.; Zhang, Y.-n.; Zhang, Z.-Q.
Food Chem., **102**, 90-94 (2007).
8959. Turbidimetric determination of homatropine methylbromide in pharmaceutical formulations using a flow injection analysis system
Canaes, L. S.; Fatibello-Filho, O.
Quim. Nova, **29**, 1237-1240 (2006).
8960. Flow injection-electrochemical oxidation fluorimetry for determination of folic acid.
Chen, S.-m.; Zhang, Z.-j.; Yang, C.-y.; Hu, Y.-f.
Fenxi Shiyanshi, **25**, 15-19 (2006).
8961. Determination of iodine in food samples by sequential injection analysis with chemiluminescence detection
Gao, C.-y.; Fan, S.-h.; Yao, J.-b.
Fenxi Shiyanshi, **25**, 38-41 (2006).
8962. Determination of epinephrine in urine by $\text{NaIO}_4\text{-H}_2\text{O}_2\text{-epinephrine-Cu}^{2+}$ chemiluminescence system
Nie, F.; Ning, G.-h.; Wu, Y.-c.; He, Y.-h.; Deng, B.
Fenxi Shiyanshi, **25**, 58-62 (2006).
8963. Instrumentation for Medium-Throughput Two-Dimensional Capillary Electrophoresis with Laser-Induced Fluorescence Detection
Zhu, C.; He, X.; Kraly, J. R.; Jones, M. R.; Whitmore, C. D.; Gomez, D. G.; Eggertson, M.; Quigley, W.; Boardman, A.; Dovichi, N. J.
Anal. Chem., **79**, 765-768 (2007).
8964. A new hydrophilic interaction liquid chromatographic (HILIC) procedure for the simultaneous determination of pseudoephedrine hydrochloride (PSH), diphenhydramine hydrochloride (DPH) and dextromethorphan hydrobromide (DXH) in cough-cold formulations
Ali, M. S.; Ghori, M.; Rafiuddin, S.; Khatri, A. R.
J. Pharm. Biomed. Anal., **43**, 158-167 (2007).
8965. Flow injection amperometric determination of procaine in pharmaceutical formulation using a screen-printed carbon electrode
Bergamini, M. F.; Santos, A. L.; Stradiotto, N. R.; Zanoni, M. V. B.
J. Pharm. Biomed. Anal., **43**, 315-319 (2007).
8966. Design and performance of a new thin-layer radial-flow holder for a quartz crystal resonator of an electrochemical quartz crystal microbalance
Kochman, A.; Krupka, A.; Grissbach, J.; Kutner, W.; Gniewinska, B.; Nafalski, L.
Electroanalysis, **18**, 2168-2173 (2006).
8967. Determination of antioxidation of the extract from Chinese medicine Morinda officinalis How by flow injection chemiluminescence and spectroscopy
Wu, Y.-j.; Shi, J.; Qu, L.-b.; Li, F.-f.; Li, X.-j.; Wu, Y.-m.
Guangpuxue Yu Guangpu Fenxi, **26**, 1688-1691 (2006).
8968. Determination of molybdenum(VI) by optical sensing film and flow injection analysis
Kazemzadeh, A.
Asian J. Chem., **19**, 426-434 (2007).
8969. Potentiometric flow injection analysis of bromhexine hydrochloride and its pharmaceutical preparation using conventional and coated wire ion-selective electrodes
Abdel-Ghani, N. T.; Issa, Y. M.; Ahmed, H. M.
Scientia Pharmaceutica, **74**, 121-135 (2006).
8970. In vivo confocal microscopy and ex vivo flow cytometry: new tools for assessing ocular inflammation applied to rabbit lipopolysaccharide-induced conjunctivitis
Liang, H.; Baudouin, C.; Labbe, A.; Pauly, A.; Martin, C.; Warnet, J.-M.; Brignole-Baudouin, F.
Mol. Vis., **12**, 1392-1402 (2006).
8971. Hybrid electrochemical treatment for persistent metal complex at conductive diamond electrodes and clarification of its reaction route
Yamaguchi, Y.; Yamanaka, Y.; Miyamoto, M.; Fujishima, A.; Honda, K.
J. Electrochem. Soc., **153**, J123-J132 (2006).
8972. A fast fluorimetric flow injection method to determine ibuprofen
Lista, A. G.; Palomeque, M. E.; Band, B. S. F.
J. Braz. Chem. Soc., **17**, 1428-1431 (2006).
8973. Flow injection analysis of nanomolar level orthophosphate in seawater with solid phase enrichment

- and colorimetric detection
Liang, Y.; Yuan, D.; Li, Q.; Lin, Q.
Mar. Chem., **103**, 122-130 (2007).
8974. Application of Raman Spectroscopy and Sequential Injection Analysis for pH Measurements with Water Dispersion of Polyaniline Nanoparticles
Lindfors, T.; Ivaska, A.
Anal. Chem., **79**, 608-611 (2007).
8975. Application of an in-line imprinted polymer column in a potentiometric flow-injection chemical sensor to the determination of the carbamate pesticide carbaryl in complex biological matrices
Hantash, J.; Bartlett, A.; Oldfield, P.; Denes, G.; O'Rielly, R.; David, F.
Anal. Bioanal. Chem., **387**, 351-357 (2007).
8976. Microanalyzer for biomonitoring lead (Pb) in blood and urine
Yantasee, W.; Timchalk, C.; Lin, Y.
Anal. Bioanal. Chem., **387**, 335-341 (2007).
8977. Electron-impact and glow-discharge ionization LC-MS analysis of green tea tincture
Venzie, J. L.; Castro, J.; Krishna, M. V. B.; Nelson, D. M.; Marcus, R. K.
Anal. Bioanal. Chem., **387**, 321-333 (2007).
8978. Laser-induced breakdown spectroscopy in analysis of Al³⁺ liquid droplets: On-line preconcentration by use of flow-injection manifold
Huang, J.-S.; Liu, H.-T.; Lin, K.-C.
Anal. Chim. Acta, **581**, 303-308 (2007).
8979. Sub-second adsorptive fast Fourier transform coulometric technique as a novel method for the determination of nanomolar concentrations of sodium valproate in its pharmaceutical preparation in flowing solution systems
Norouzi, P.; Shirvani-Arani, S.; Daneshgar, P.; Ganjali, M. R.
Biosens. Bioelectron., **22**, 1068-1074 (2007).
8980. Development of immunosensor based on OWLS technique for determining Aflatoxin B1 and Ochratoxin A
Adanyi, N.; Levkovets, I. A.; Rodriguez-Gil, S.; Ronald, A.; Varadi, M.; Szendro, I.
Biosens. Bioelectron., **22**, 797-802 (2007).
8981. A sequential injection analysis/chemiluminescent plant tissue-based biosensor system for the determination of diamine
Mei, Y.; Ran, L.; Ying, X.; Yuan, Z.; Xin, S.
Biosens. Bioelectron., **22**, 871-876 (2007).
8982. Containerless reaction monitoring in ionic liquids by means of Raman microspectroscopy
Lopez-Pastor, M.; Dominguez-Vidal, A.; Ayora-Canada, M. J.; Laurell, T.; Valcarcel, M.; Lendl, B.
Lab. Chip, **7**, 126-132 (2007).
8983. Development of a "Membrane Cloaking" Method for Amperometric Enzyme Immunoassay and Surface Plasmon Resonance Analysis of Proteins in Serum Samples
Phillips, K. S.; Han, J. H.; Cheng, Q.
Anal. Chem., **79**, 899-907 (2007).
8984. Gas-diffusion flow injection determination of Hg(II) with chemiluminescence detection
Amini, N.; Kolev, S. D.
Anal. Chim. Acta, **582**, 103-108 (2007).
8985. Multi-syringe flow injection solid-phase extraction system for on-line simultaneous spectrophotometric determination of nitro-substituted phenol isomers
Manera, M.; Miro, M.; Estela, J. M.; Cerda, V.
Anal. Chim. Acta, **582**, 41-49 (2007).
8986. Flow injection chemiluminescence determination of nitrofurazone in pharmaceutical preparations and biological fluids based on oxidation by singlet oxygen generated in *N*-bromosuccinimide-hydrogen peroxide reaction
Du, J.; Hao, L.; Li, Y.; Lu, J.
Anal. Chim. Acta, **582**, 98-102 (2007).
8987. Study of interference of pharmaceuticals with complexing characteristics in solid phase microextraction of lead on chelating celluloses
Zih-Perenyi, K.; Lasztity, A.; Pusztai, S.
Microchem. J., **85**, 149-156 (2007).
8988. Separation preconcentration method for platinum and rhodium from environmental samples using a chelating resin
Ojeda, C. B.; Rojas, F. S.; Pavon, J. M. C.
Ann Chim. Rome, **96**, 707-714 (2006).
8989. μ Flow-injection-ICP collision cell MS determination of molybdenum, nickel and vanadium in petroleum samples using a modified total consumption micronebulizer
Giusti, P.; Nuevo Ordonez, Y.; Lienemann, C. P.; Schaumloeffel, D.; Bouyssiere, B.; Lobinski, R.
J. Anal. Atom. Spectrom., **22**, 88-92 (2007).
8990. Online in-tube solid phase extraction coupled to ICP-MS for in vivo determination of the transfer kinetics of trace elements in the brain extracellular fluid of anesthetized rats
Sun, Y.-C.; Lu, Yi-W.; Chung, Y.-T.
J. Anal. Atom. Spectrom., **22**, 77-83 (2007).
8991. Indirect mercury speciation in biological tissues by closed-vessel microwave-assisted digestion and flow-injection cold-vapor atomic fluorescence detection
Nevado, J. J. B.; Martin-Doimeadios, R. C. R.; Bernardo, F. J. G.; Moreno, M. J.
Anal. Lett., **39**, 2657-2669 (2006).
8992. The use of boron-doped diamond electrodes for the amperometric determination of flavonoids in a flow injection system
Pedrosa, V. A.; Malagutti, A. R.; Mazo, L. H.; Avaca, L. A.
Anal. Lett., **39**, 2737-2748 (2006).
8993. Spectrophotometric determination of furosemide based on its complexation with Fe(III) in ethanolic medium using a flow injection procedure
Semaan, F. S.; Cavalheiro, E. T. G.
Anal. Lett., **39**, 2557-2567 (2006).
8994. Development of the microchip-based repeatable immunoassay system for clinical diagnosis
Kakuta, M.; Takahashi, H.; Kazuno, S.; Murayama, K.; Ueno, T.; Tokeshi, M.
Meas. Sci. Technol., **17**, 3189-3194 (2006).
8995. An analytical solution for transient gas flow in a multiwell system
Shan, C.
Water Resour. Res., **42**, W10401/1-W10401/7 (2006).
8996. Influence of stream bank seepage during low-flow conditions on riparian zone hydrology
Duval, T. P.; Hill, A. R.
Water Resour. Res., **42**, W10425/1-W10425/12 (2006).
8997. Chemiluminescence determination of sodium new houthuyfonate in pharmaceutical preparations based on Tween 80-rhodamine B system
Yang, X.-F.; Yao, H.; Zhai, J.-B.; Li, H.
J. Fluoresc., **17**, 15-21 (2007).
8998. Flow-injection online reduction atomic fluorescence spectrometry determination of Se(IV) and Se(VI) with electrochemical hydride generation
Zhang, W.; Gan, W.; Shao, L.; Lin, X.
Spectrosc. Lett., **39**, 533-545 (2006).
8999. Turbidimetric and nephelometric flow analysis: concepts and applications
Morais, I. P. A.; Toth, I. V.; Rangel, A. O. S. S.

- Spectrosc. Lett.*, **39**, 547-579 (2006).
9000. Determination of organophosphorus pesticide residues in vegetables by electrokinetic sequential injection analysis
Qian, L.-l.; He, Y.-z.; Hu, Y.-y.
Spectrosc. Lett., **39**, 581-592 (2006).
9001. Automated flow injection method for monitoring total cyanide concentration in petroleum refinery effluents using ninhydrin as color reagent
Santelli, R. E.; Micelli, A. S.; Batista de Carvalho, M. de F.
Spectrosc. Lett., **39**, 605-618 (2006).
9002. Multi-commutated flow-through multi-optosensing: a tool for environmental analysis
Llorent-Martinez, E. J.; Ortega-Barrales, P.; Molina-Diaz, A.
Spectrosc. Lett., **39**, 619-629 (2006).
9003. Multi-commutation in flow analysis: a versatile tool for the development of the automatic analytical procedure focused on the reduction of reagent consumption
Lavorante, A. F.; Feres, M. A.; Reis, B. F.
Spectrosc. Lett., **39**, 631-650 (2006).
9004. Automated online preconcentration system for the determination of trace amounts of lead using Pb-selective resin and inductively coupled plasma-atomic emission spectrometry
Sabarudin, A.; Lenghor, N.; Liping, Y.; Furusho, Y.; Motomizu, S.
Spectrosc. Lett., **39**, 669-682 (2006).
9005. Ultrasonic extraction-ozonation sequential sample treatment for the determination of arsenic in environmental certified reference materials by hydride generation-atomic fluorescence spectrometry
Fernandez-Costas, C.; Lavilla, I.; Bendicho, C.
Spectrosc. Lett., **39**, 713-725 (2006).
9006. Determination of trace amounts of zinc in welding fumes by flow-injection flame atomic absorption spectrometry
Cespon-Romero, R. M.; Yebra-Biurrun, M. C.
Spectrosc. Lett., **39**, 727-735 (2006).
9007. Spectrophotometric determination of ammonia in estuarine waters by hybrid reagent-injection gas-diffusion flow analysis
Gray, S. M.; Ellis, P. S.; Grace, M. R.; McKelvie, I. D.
Spectrosc. Lett., **39**, 737-753 (2006).
9008. Merging zones FIA system for the spectrophotometric determination of Sb(III) and total Sb in drugs used in the treatment of leishmaniasis
Lima, M. F.; Almeida, V. G. K.; Cassella, R. J.
Spectrosc. Lett., **39**, 769-784 (2006).
9009. A study on the interaction of the DAS-K with bovine serum albumin by on-line ultrafiltration and chemiluminescence
Zhang, Y.-T.; Zhang, Z.-J.; Sun, Y.-H.
Chinese J. Chem., **24**, 1777-1783 (2006).
9010. Realization of a flow injection analysis in PCB technology
Gassmann, S.; Ibendorf, I.; Pagel, L.
Sensor. Actuat. A-Phys., **A133**, 231-235 (2007).
9011. Development of fast Fourier transformation continuous cyclic voltammetry as a highly sensitive detection system for ultra trace monitoring of penicillin V
Norouzi, P.; Ganjali, M. R.; Daneshgar, P.; Alizadeh, T.; Mohammadi, A.
Anal. Biochem., **360**, 175-181 (2007).
9012. Disposable biosensor based on enzyme immobilized on Au-chitosan-modified indium tin oxide electrode with flow injection amperometric analysis
Lin, J.; Qu, W.; Zhang, S.
Anal. Biochem., **360**, 288-293 (2007).
9013. Development of a multicommutated flow-through optosensor for the determination of a ternary pharmaceutical mixture
Gilbert-Lopez, B.; Llorent-Martinez, E. J.; Ortega-Barrales, P.; Molina-Diaz, A.
J. Pharm. Biomed. Anal., **43**, 515-521 (2007).
9014. Assay of artemether, methylparaben and propylparaben in a formulated paediatric antimalarial dry suspension
Atemnkeng, M. A.; Marchand, E.; Plaizier-Vercammen, J.
J. Pharm. Biomed. Anal., **43**, 727-732 (2007).
9015. Temporal shifting: A hidden key to the skewed peak puzzle
Pai, S.-C.; Chiao, L.-Y.
J. Chromatogr. A, **1139**, 104-108 (2007).
9016. Dispersion-convolution model for simulating peaks in a flow injection system
Pai, S.-C.; Lai, Y.-H.; Chiao, L.-Y.; Yu, T.
J. Chromatogr. A, **1139**, 109-120 (2007).
9017. Liquid chromatography/atmospheric pressure ionization mass spectrometry with post-column liquid mixing for the efficient determination of partially oxidized polycyclic aromatic hydrocarbons
Grosse, S.; Letzel, T.
J. Chromatogr. A, **1139**, 75-83 (2007).
9018. Flow Injection Chemiluminescence Determination of Sudan I in Hot Chilli Sauce
Liu, Y.; Song, Z.; Dong, F.; Zhang, L.
J. Agr. Food Chem., **55**, 614-617 (2007).
9019. Flow-injection chemiluminescence sensor for determination of isoniazid in urine sample based on molecularly imprinted polymer
Xiong, Y.; Zhou, H.; Zhang, Z.; He, D.; He, C.
Spectrochim. Acta A, **66A**, 341-346 (2007).
9020. A simple and rapid flow injection chemiluminescence determination of cysteine with $\text{Ru}(\text{phen})_3^{2+}$ -Ce(IV) system
Rezaei, B.; Mokhtari, A.
Spectrochim. Acta A, **66A**, 359-363 (2007).
9021. On-line coupling of dynamic microwave-assisted extraction with high-performance liquid chromatography for determination of andrographolide and dehydroandrographolide in *Andrographis paniculata*
Chen, L.; Jin, H.; Ding, L.; Zhang, H.; Wang, X.; Wang, Z.; Li, J.; Qu, C.; Wang, Y.; Zhang, H.
J. Chromatogr. A, **1140**, 71-77 (2007).
9022. A near real-time system for continuously monitoring airborne subtilisin-type enzymes in the industrial atmosphere
Rowell, F. J.; Sykes, D.; Grieveson, L.; Theaker, B.; Sundar, L.; Cumming, R. H.
J. Environ. Monitor., **9**, 33-43 (2007).
9023. On-line preconcentration with mono-segmented elution for Cd, Cu, Ni, and Zn determination in soil samples by inductively coupled plasma optical emission spectrometry
Packer, A. P.; Mattiazzo, M. E.; Bellato, A. C. S.; dos Reis, B. F.
Atom. Spectrosc., **27**, 193-199 (2006).
9024. Flow-injection chemiluminescence study of luminol-hydrogen peroxide-carbendazim system
Liao, S.; Xie, Z.
Spectrosc. Lett., **39**, 473-485 (2006).
9025. Flow injection analysis with luminol chemiluminescence detection for evaluation of quenching effects of grape seed extracts and polyphenolics against reactive oxygen species
Wada, M.; Katoh, M.; Kido, H.; Nakashima, M. N.; Kuroda, N.; Nakashima, K.
Bunseki Kagaku, **55**, 931-936 (2006).

9026. Tris(2,2'-bipyridyl)ruthenium(II) chemiluminescence enhanced by silver nanoparticles
Gorman, B. A.; Francis, P. S.; Dunstan, D. E.; Barnett, N. W.
Chem. Commun., 395-397 (2007).
9027. How flow-injection analysis (FIA) over the past 25 years has changed our way of performing chemical analyses
Hansen, E. H.; Miro, M.
TrAC-Trends Anal. Chem., **26**, 18-26 (2007).
9028. Determination of proteins by flow injection analysis coupled with the Rayleigh light scattering technique
Li, Y.; Dong, L.; Zhang, Y.; Hu, Z.; Chen, X.
Talanta, **71**, 109-114 (2007).
9029. Separation and determination of alpinetin and cardamonin in *Alpinia katsumadai* Hayata by flow injection-micellar electrokinetic chromatography
Liu, L.; Chen, X.; Hu, Z.
Talanta, **71**, 155-159 (2007).
9030. Potentiometric measurements in sequential injection analysis lab-on-valve (SIA-LOV) flow-system
Kikas, T.; Ivaska, A.
Talanta, **71**, 160-164 (2007).
9031. A novel method for flow injection analysis of total antioxidant capacity using enzymatically produced ABTS^{•+} and biamprometric detector containing interdigitated electrode
Milardovic, S.; Kerekovic, I.; Derrico, R.; Rumenjak, V.
Talanta, **71**, 213-220 (2007).
9032. Chemiluminometric determination of the pesticide 3-indolyl acetic acid by a flow injection analysis assembly
Pimentel Neves, A. I.; Albert-Garcia, J. R.; Martinez Calatayud, J.
Talanta, **71**, 318-323 (2007).
9033. Application of manganese(IV) dioxide microcolumn for determination and speciation of nitrite and nitrate using a flow injection analysis-flame atomic absorption spectrometry system
Noroozifar, M.; Khorasani-Motlagh, M.; Taheri, A.; Homayoonfar, M.
Talanta, **71**, 359-364 (2007).
9034. Development of a long-life capillary enzyme bioreactor for the determination of blood glucose
Ho, J.-a. A.; Wu, L.-c.; Fan, N.-C.; Lee, M.-S.; Kuo, H.-Y.; Yang, C.-S.
Talanta, **71**, 391-396 (2007).
9035. On-line enrichment system for manganese determination in water samples using FAAS
Knap, M.; Kilian, K.; Pyrzynska, K.
Talanta, **71**, 406-410 (2007).
9036. Determination of trace elements in natural waters by inductively coupled plasma time of flight mass spectrometry after flow injection preconcentration in a knotted reactor
Dimitrova-Koleva, B.; Benkhedda, K.; Ivanova, E.; Adams, F.
Talanta, **71**, 44-50 (2007).
9037. Flow injection determination of thyroxine in pharmaceutical preparations using tris(2,2'-bipyridyl)ruthenium(III)-NADH chemiluminescence detection
Waseem, A.; Yaqoob, M.; Nabi, A.
Talanta, **71**, 56-61 (2007).
9038. A new generation of cyanide ion-selective membranes for flow injection application
Surleva, A. R.; Nikolova, V. D.; Neshkova, M. T.
Anal. Chim. Acta, **583**, 174-181 (2007).
9039. An enzymatic method for the rapid measurement of the hemoglobin A1c by a flow-injection system comprised of an electrochemical detector with a specific enzyme-reactor and a spectrophotometer
Nanjo, Y.; Hayashi, R.; Yao, T.
Anal. Chim. Acta, **583**, 45-54 (2007).
9040. Sensitive and ultra-fast determination of arsenic(III) by gas-diffusion flow injection analysis with chemiluminescence detection
Lomonte, C.; Currell, M.; Morrison, R. J. S.; McKelvie, I. D.; Kolev, S. D.
Anal. Chim. Acta, **583**, 72-77 (2007).
9041. Multi-syringe flow injection system for the determination of the scavenging capacity of the diphenylpicrylhydrazyl radical in methanol and ethanol media
Magalhaes, L. M.; Segundo, M. A.; Siquet, C.; Reis, S.; Lima, J. L. F. C.
Microchim. Acta, **157**, 113-118 (2007).
9042. Automatic sequential injection analysis electronic tongue with integrated reference electrode for the determination of ascorbic acid, uric acid and paracetamol
Gutes, A.; Calvo, D.; Cespedes, F.; del Valle, M.
Microchim. Acta, **157**, 1-6 (2007).
9043. Development of a novel luminol chemiluminescent method catalyzed by gold nanoparticles for determination of estrogens
Li, Y.; Yang, P.; Wang, P.; Wang, L.
Anal. Bioanal. Chem., **387**, 585-592 (2007).
9044. Simultaneous determination of β -lactamic antibiotics by a new high-performance low-pressure chromatographic system using a multisyringe burette coupled to a monolithic column (MSC)
Gonzalez-San Miguel, H. M.; Alpizar-Lorenzo, J. M.; Cerda, V.
Anal. Bioanal. Chem., **387**, 663-671 (2007).
9045. Electrostatic assembly of a redox catalysis system for detection of glutamate
Harper, A. C.; Anderson, M. R.
Electroanalysis, **18**, 2397-2404 (2006).
9046. Sub-second FFT continuous stripping cyclic voltammetric technique as a novel method for pico-level monitoring of imipramine at Au microelectrode in flowing solutions
Norouzi, P.; Ganjali, M. R.; Akbari-Adergani, B.
Acta Chim. Slov., **53**, 499-505 (2006).
9047. Pulsed amperometry for anti-fouling of boron-doped diamond in electroanalysis of β -agonists: application to flow injection for pharmaceutical analysis
Karuwan, C.; Mantim, T.; Chaisuwan, P.; Wilairat, P.; Grudpan, K.; Jittangprasert, P.; Einaga, Y.; Chailapakul, O.; Suntornsuk, L.; Anurukvorakun, O.; Nacapricha, D.
Sensors, **6**, 1837-1850 (2006).
9048. Determination of thiocyanate by sequential injection spectrophotometry
Feng, S.-l.; Cui, F.-l.; Fan, J.
Fenxi Shiyanshi, **25**, 11-14 (2006).
9049. Flow injection biamprometric analysis of naringin
Sun, J.-j.; Liu, B.; Shang, Y.-h.; Zhu, J.-y.
Fenxi Shiyanshi, **25**, 26-29 (2006).
9050. Dynamic method as a simple approach for wide range pH measurements using optodes
Safavi, A.; Banazadeh, A. R.
Anal. Chim. Acta, **583**, 326-331 (2007).
9051. Hydrogen peroxide and peracetic acid determination in waste water using a reversible reagentless biosensor
Sanz, V.; de Marcos, S.; Galban, J.
Anal. Chim. Acta, **583**, 332-339 (2007).
9052. Development of a tubular fluoride potentiometric detector for flow analysis
Santos, J. R.; Lapa, R. A. S.; Lima, J. L. F. C.
Anal. Chim. Acta, **583**, 429-436 (2007).

9053. Improved performance of the potentiometric biosensor for the determination of creatinine
Rasmussen, C. D.; Andersen, J. E. T.; Zachau-Christiansen, B.
Anal. Lett., **40**, 39-52 (2007).
9054. The successful use of cellulose acetate membrane for very low density lipoprotein isolation and cholesterol quantitation
Anwar, M.
Anal. Lett., **40**, 77-84 (2007).
9055. Fast fourier transform continuous cyclic voltammetry development as a highly sensitive detection system for ultra trace monitoring of thiamine
Norouzi, P.; Ganjali, M. R.; Daneshgar, P.; Mohammadi, A.
Anal. Lett., **40**, 547-559 (2007).
9056. Determination of phenolic acids by a modified HPLC: its application to various plant materials
Ozturk, N.; Tuncel, M.; Tuncel, N. B.
J. Liq. Chromatogr. R. T., **30**, 587-596 (2007).
9057. Performance of selective and partially selective sensors in the recognition of beverages
Ciosek, P.; Wroblewski, W.
Talanta, **71**, 738-746 (2007).
9058. On-line stripping voltammetry of trace metals at a flow-through bismuth-film electrode by means of a hybrid flow-injection/sequential-injection system
Economou, A.; Voulgaropoulos, A.
Talanta, **71**, 758-765 (2007).
9059. Flow-injection chemiluminescence determination of formaldehyde in water
Motyka, K.; Onjia, A.; Mikuska, P.; Vecera, Z.
Talanta, **71**, 900-905 (2007).
9060. An ion-exchange method for speciation of antimony by flow injection electrothermal atomic absorption spectrometry
Sanchez Rojas, F.; Bosch Ojeda, C.; Cano Pavon, J. M.
Talanta, **71**, 918-922 (2007).
9061. Sequential injection analyzer for glycerol monitoring in yeast cultivation medium
Horstkotte, B.; Werner, E.; Seresht, A. K.; Cornelissen, G.; Elsholz, O.; Cerda Martin, V.; Luttmann, R.
Talanta, **71**, 941-947 (2007).
9062. Spectrophotometric determination of fluoxetine by batch and flow injection methods
Afkhami, A.; Madrakian, T.; Khalafi, L.
Chem. Pharm. Bull., **54**, 1642-1646 (2006).
9063. High temporal resolution monitoring of fermentations using an on-line amperometric flow-through microdetector
Zor, K.; Gaspar, S.; Hashimoto, M.; Suzuki, H.; Csoeregi, E.
Electroanalysis, **19**, 43-48 (2007).
9064. Flow injection analysis of chloramphenicol by using a disposable wall-jet ring disk carbon electrode
Liao, C.-Y.; Chang, C.-C.; Ay, C.; Zen, J.-M.
Electroanalysis, **19**, 65-70 (2007).
9065. Electrocatalytic properties of a novel poly-1-naphthylamine-modified electrode using ascorbic acid as molecule probe
D'Eramo, F.; Sereno, L. E.; Arevalo, A. H.
Electroanalysis, **19**, 96-102 (2007).
9066. Analysis of succinylacetone, as a Girard T derivative, in urine and dried bloodspots by flow injection electrospray ionization tandem mass spectrometry
Johnson, D. W.; Gerace, R.; Ranieri, E.; Trinh, M.-U.; Fingerhut, R.
Rapid Commun. Mass Sp., **21**, 59-63 (2007).
9067. Electrochemical performance of
8-hydroxy-2'-deoxyguanosine and its detection at poly(3-methylthiophene) modified glassy carbon electrode
Li, T.-H.; Jia, W.-L.; Wang, H.-S.; Liu, R.-M.
Biosens. Bioelectron., **22**, 1245-1250 (2007).
9068. Determination of the activities of glutamic oxaloacetic transaminase and glutamic pyruvic transaminase in a microfluidic system
Ohgami, N.; Upadhyay, S.; Kabata, A.; Morimoto, K.; Kusakabe, H.; Suzuki, H.
Biosens. Bioelectron., **22**, 1330-1336 (2007).
9069. A sequential injection fluorimetric method for the determination of magnesium in environmental water samples
Zhou, H.; Fan, S.; Wang, N.
Fenxi Huaxue, **34**, 1048 (2006).
9070. Bioelectrochemical evaluation of the total phenols content in olive oil mill wastewaters using a tyrosinase-colloidal gold-graphite-Teflon biosensor
Mena, M. L.; Carralero, V.; Gonzalez-Cortes, A.; Yanez-Sedeno, P.; Pingarron, J. M.
Int. J. Environ. An. Ch., **87**, 57-65 (2007).
9071. Bi-functionalization of a patterned Prussian blue array for amperometric measurement of glucose via two integrated detection schemes
Zhang, N.; Wilkop, T.; Lee, S.; Cheng, Q.
Analyst, **132**, 164-172 (2007).
9072. Multicommutated flow-through optosensors implemented with photochemically induced fluorescence: Determination of flufenamic acid
Lopez-Flores, J.; Fernandez-De Cordova, M. L.; Molina-Diaz, A.
Anal. Biochem., **361**, 280-286 (2007).
9073. Measurement of dissolved total phosphorus in polluted water by real time digestion with FIA
Yang, Y.; Qin, X.-G.; Cheng, X.-S.
Guangpu Shiyanshi, **23**, 1159-1162 (2006).
9074. Stopped-in-loop flow analysis of trace vanadium in water
Teshima, N.; Ohno, S.; Sakai, T.
Anal. Sci., **23**, 1-2 (2007).
9075. Carbon felt-based bioelectrocatalytic flow detectors: Highly sensitive amperometric determination of hydrogen peroxide using adsorbed peroxidase and thionine
Hasebe, Y.; Imai, R.; Hirono, M.; Uchiyama, S.
Anal. Sci., **23**, 71-74 (2007).
9076. Determination of pirimicarb by flow injection combined with chemiluminescence
He, S.; He, D.; Zhang, Z.
Fenxi Huaxue, **34**, 1622-1624 (2006).
9077. On-line electrochemical oxidation of Cr(III) for the determination of total Cr by flow injection-solid phase spectrophotometry
Matsuoka, S.; Nakatsu, Y.; Takehara, K.; Saputro, S.; Yoshimura, K.
Anal. Sci., **22**, 1519-1524 (2006).
9078. Indirect flow-injection spectrophotometric determination of meloxicam, tenoxicam and piroxicam in pharmaceutical formulations
Al-Momani, I. F.
Anal. Sci., **22**, 1611-1614 (2006).
9079. Application of hydrocyanic acid vapor generation via focused microwave radiation to the preparation of industrial effluent samples prior to free and total cyanide determinations by spectrophotometric flow injection analysis
Quaresma, M. C. B.; Carvalho, M. de F. B.; Meirelles, F. A.; Santiago, V. M. J.; Santelli, R. E.
Anal. Bioanal. Chem., **387**, 1017-1025 (2007).

9080. NADH screen-printed electrodes modified with zirconium phosphate, Meldola blue, and Reinecke salt. Application to the detection of glycerol by FIA
Radoi, A.; Compagnone, D.; Batic, M.; Klincar, J.; Gorton, L.; Palleschi, G.
Anal. Bioanal. Chem., **387**, 1049-1058 (2007).
9081. Analysis of Tear Glucose Concentration with Electrospray Ionization Mass Spectrometry
Taormina, C. R.; Baca, J. T.; Asher, S. A.; Grabowski, J. J.; Finegold, D. N.
J. Am. Soc. Mass Spectro., **18**, 332-336 (2007).
9082. Characterization of electrokinetic gating valve in microfluidic channels
Zhang, G.; Du, W.; Liu, B.-F.; Hisamoto, H.; Terabe, S.
Anal. Chim. Acta, **584**, 129-135 (2007).
9083. Determination of free fatty acids in palm oil samples using non-aqueous flow injection titrimetric method
Saad, B.; Ling, C. W.; Jab, M. S.; Lim, B. P.; Mohamad Ali, A. S.; Wai, W. T.; Saleh, M. I.
Food Chem., **102**, 1407-1414 (2007).
9084. A fast method for determination of sulfate in tannery waste water
Xie, Y.; Zhang, X.; Wang, W.; Miao, P.; Huang, J.
J. Soc. Leath. Tech. Ch., **90**, 235-238 (2006).
9085. Electrochemical detection of phenolic estrogenic compounds at carbon nanotube-modified electrodes
Vega, D.; Aguei, L.; Gonzalez-Cortes, A.; Yanez-Sedeno, P.; Pingarron, J. M.
Talanta, **71**, 1031-1038 (2007).
9086. Development of a reversed FIA system for the spectrophotometric determination of Sb(III) and total Sb in antileishmanial drugs
Almeida, V. G. K.; Lima, M. F.; Cassella, R. J.
Talanta, **71**, 1047-1053 (2007).
9087. A novel spectrophotometric method for batch and flow injection determination of cyanide in electroplating wastewater
Hassan, S. S. M.; Hamza, M. S. A.; Kelany, A. E.
Talanta, **71**, 1088-1095 (2007).
9088. Sensitive determination of phenothiazines in pharmaceutical preparation and biological fluid by flow injection chemiluminescence method using luminol-KMnO₄ system
Li, Y.; Niu, W.; Lu, J.
Talanta, **71**, 1124-1129 (2007).
9089. Development of an MSFIA-MPFS pre-treatment method for radium determination in water samples
Fajardo, Y.; Gomez, E.; Garcias, F.; Cerda, V.; Casas, M.
Talanta, **71**, 1172-1179 (2007).
9090. Amperometric detection of hydrazine by cyclic voltammetry and flow injection analysis using ruthenium modified glassy carbon electrodes
Pinter, J. S.; Brown, K. L.; DeYoung, P. A.; Peaslee, G. F.
Talanta, **71**, 1219-1225 (2007).
9091. Simultaneous on-line preconcentration and determination of trace metals in environmental samples using a modified nanometer-sized alumina packed micro-column by flow injection combined with ICP-OES
Hang, C.; Hu, B.; Jiang, Z.; Zhang, N.
Talanta, **71**, 1239-1245 (2007).
9092. Evaluation of the antioxidant power of honey, propolis and royal jelly by amperometric flow injection analysis
Buratti, S.; Benedetti, S.; Cosio, M. S.
Talanta, **71**, 1387-1392 (2007).
9093. Sequential injection analysis with second-order treatment for the determination of dyes in the exhaustion process of tanning effluents
Gomez, V.; Font, J.; Callao, M. P.
Talanta, **71**, 1393-1398 (2007).
9094. Selective stopped-flow sequential injection method for the spectrophotometric determination of titanium in dental implant and natural Moroccan phosphate rock
Kika, F. S.; Themelis, D. G.
Talanta, **71**, 1405-1410 (2007).
9095. The enhanced diffusional mixing for latex immunoagglutination assay in a microfluidic device
Han, J.-H.; Kim, K.-S.; Yoon, J.-Y.
Anal. Chim. Acta, **584**, 252-259 (2007).
9096. Determination of propoxur in environmental samples by automated solid-phase extraction followed by flow-injection analysis with tris(2,2'-bipyridyl)ruthenium(II) chemiluminescence detection
Perez-Ruiz, T.; Martinez-Lozano, C.; Garcia, M. D.
Anal. Chim. Acta, **584**, 275-280 (2007).
9097. Enhanced flow injection leaching of rocks by focused microwave heating with in-line monitoring of released elements by inductively coupled plasma mass spectrometry
Silva, M.; Kyser, K.; Beauchemin, D.
Anal. Chim. Acta, **584**, 447-454 (2007).
9098. Determination of azoxystrobin residues in grapes, musts and wines with a multicommuted flow-through optosensor implemented with photochemically induced fluorescence
Flores, J. L.; Diaz, A. M.; Fernandez de Cordova, M. L.
Anal. Chim. Acta, **585**, 185-191 (2007).
9099. Low potential detection of NADH with Prussian Blue bulk modified screen-printed electrodes and recombinant NADH oxidase from *Thermus thermophilus*
Radoi, A.; Compagnone, D.; Devic, E.; Palleschi, G.
Sensor. Actuat. B-Chem., **B121**, 501-506 (2007).
9100. On-line supported liquid membraned enrichment-flow injection-spectrophotometric determination of trace lead (II) in water
Xiao, X.; Zhang, X.; Gong, Z.; Chen, G.; Luo, Y.
Fenxi Huaxue, **34**, 855-858 (2006).
9101. Layer-by-layer hydroxymethyl ferrocene modified sensor for one-step flow/stop-flow injection amperometric immunoassay of α -fetoprotein
Dai, Z.; Serban, S.; Ju, H.; El Murr, N.
Biosens. Bioelectron., **22**, 1700-1706 (2007).
9102. The use of single walled carbon nanotubes dispersed in a chitosan matrix for preparation of a galactose biosensor
Tkac, J.; Whittaker, J. W.; Ruzgas, T.
Biosens. Bioelectron., **22**, 1820-1824 (2007).
9103. Chemical analysis of iron and steels using flow injection analysis (FIA) system
Suzuki, Y.; Yamane, T.
Tetsu to Hagane, **93**, 72-79 (2007).
9104. Application of atomic fluorescence technology in the field of hygiene detection
Li, S.-q.; Feng, H.-y.; Wu, Y.-h.
Zhongguo Weisheng Jianyan Zazhi, **16**, 891-893 (2006).
9105. Development of a novel nitrate-selective composite sensor based on doped polypyrrole
Alvarez-Romero, G. A.; Palomar-Pardave, M. E.; Ramirez-Silva, M. T.
Anal. Bioanal. Chem., **387**, 1533-1541 (2007).
9106. Flow injection chemiluminescent determination of clenbuterol using GoldMag particles as carrier
Li, Z.; Jian, L.; Wang, H.; Cui, Y.
Food Addit. Contam., **24**, 21-25 (2007).
9107. Simultaneous determination of trace arsenic and antimony in drinking water by sequential injection atomic fluorometry
Yan, H.-z.; Liu, J.-w.
Zhongguo Weisheng Jianyan Zazhi, **16**, 1451-1452

- (2006).
9108. Tracing of water movement through the unsaturated zone of a coarse gravel aquifer by means of dye and deuterated water
Mali, N.; Urbanc, J.; Leis, A.
Environ. Geol., **51**, 1401-1412 (2007).
9109. In situ preconcentration and determination of trace lead in water sample with Amberlite XAD-2 functionalized with dithizone
Wang, A.; Wu, D.; Xie, W.; Guo, L.
Fenxi Huaxue, **34**, 1315-1318 (2006).
9110. Down scaling: from operation on lab bench space to manipulation at a valve
Grudpan, K.; Khonyoung, S.; Hartwell, S. K.; Lapanantoppakhun, S. Jakmune, J.
J. Flow Injection Anal., **23**, 94-101 (2006).
9111. Stepwise injection photometric determination of hydrogen sulfide in natural gas
Bulatov, A. V.; Goldvirt, D. K.; Moskvina, L. N.; Moskvina, A. L.; Vaskova, E. A.
J. Flow Injection Anal., **23**, 102-106 (2006).
9112. Determination of sulphate in beverages by spectrophotometric flow injection analysis
Liawruangrath, S.; Phakthong, W.
J. Flow Injection Anal., **23**, 107-111 (2006).
9113. A mixer with magnetic stirring for flow injection systems
Tubino, M.; Vila, M. M. D. C.
J. Flow Injection Anal., **23**, 112-115 (2006).
9114. Flow immunoassay based on sequential injection using microbeads
Zhang, R.Q.; Hirakawa, K.; Katayama, M.; Nakajima, H.; Soh, N.; Nakano, K.; Imato, T.
J. Flow Injection Anal., **23**, 117-122 (2006).
9115. Determination of multi-residues of tetracyclines and their metabolites in milk by high performance liquid chromatography-tandem positive-ion electrospray ionization mass spectrometry
Yue, Z.; Qiu, Y.; Lin, X.; Ji, C.
Fenxi Huaxue, **34**, 1255-1259 (2006).
9116. Novel biosensor-based analytic device for the detection of anti-double-stranded DNA antibodies
Buhl, A.; Metzger, J. H.; Heegaard, N. H. H.; von Landenberg, P.; Fleck, M.; Lippa, P. B.
Clin. Chem., **53**, 334-341 (2007).
9117. Flow injection-spectrophotometric determination of trace lead in seawater by preconcentration method
Zou, Y.; Zhang, X.; Li, H.; Tu, J.; Yuan, D.
Fenxi Huaxue, **34**, 1471-1474 (2006).
9118. Application of chemiluminescent detection in environmental analytical chemistry
Fan, S.-l.; Zhao, L.-x.; Li, J.-m.
Huanjing Huaxue, **26**, 92-105 (2007).
9119. Combination of flow injection with electrophoresis using capillaries and chips
Chen, Y.; Lu, W.; Chen, X.; Hu, Z.
Electrophoresis, **28**, 33-44 (2007).
9120. Sequential injection analysis as a tool for on-line monitoring the sorption of fulvic acid onto modified vermiculite
Abate, G.; dos Santos, L. B. O.; Colombo, S. M.; Masini, J. C.
J. Braz. Chem. Soc., **17**, 491-496 (2006).
9121. Immobilized stearic acid as a new sorbent for on-line preconcentration and determination of lead by flow injection flame atomic absorption spectrometry
Dadfarnia, S.; Shabani, A. M. H.; Dehghani, Z.
J. Braz. Chem. Soc., **17**, 548-554 (2006).
9122. Flow injection determination of metronidazole through spectrophotometric measurement of the nitrite ion produced upon alkaline hydrolysis
Simoes, S. S.; Medeiros, E. P.; Gaiao, E. N.; Lyra, W. S.; Moreira, P. N. T.; Araujo, M. C. U.; Silva, E. C.; Nascimento, V. B.
J. Braz. Chem. Soc., **17**, 609-613 (2006).
9123. Production and decomposition dynamics of hydrogen peroxide in freshwater
Richard, L. E.; Peake, B. M.; Rusak, S. A.; Cooper, W. J.; Burritt, D. J.
Environmental Chemistry, **4**, 49-54 (2007).
9124. Intercomparison between FI-CL and ICP-MS for the determination of dissolved iron in Atlantic seawater
Bowie, A. R.; Ussher, S. J.; Landing, W. M.; Worsfold, P. J.
Environmental Chemistry, **4**, 1-4 (2007).
9125. Flow microcalorimetry and thermokinetics of liquid mixtures
Rodriguez de Rivera, M.; Socorro, F.
J. Therm. Anal. Calorim., **87**, 591-594 (2007).
9126. Determination of picomole amounts of formaldehyde in air and bio-fluids based on its enhanced myoglobin-luminol chemiluminescence reaction
Xie, X.-F.; Song, Z.-H.; Shao, X.-D.
Int. J. Environ. An. Ch., **87**, 149-157 (2007).
9127. Sequential injection analysis
Takayanagi, T.; Motomizu, S.
Bunseki, 31-37 (2007).
9128. Development of a spectrophotometric sequential injection methodology for online monitoring of the adsorption of paraquat on clay mineral and soil
Infante, C. M. C.; Masini, J. C.
Spectrosc. Lett., **40**, 3-14 (2007).
9129. Preconcentration of platinum by online sorption for graphite furnace atomic absorption spectrometry and inductively coupled plasma atomic emission spectrometry: a comparative study
Pavon, J. M. C.; Garcia de Torres, A.; Rojas, F. S.; Ojeda, C. B.
Spectrosc. Lett., **40**, 27-39 (2007).
9130. Multipumping flow systems: an alternative approach to sample handling in spectroscopy measurements
Santos, J. L. M.; Ribeiro, M. F. T.; Lima, J. L. F. C.; Dias, A. C. B.; Zagatto, E. A. G.
Spectrosc. Lett., **40**, 41-50 (2007).
9131. Sequential injection spectrophotometric determination of metoclopramide in pharmaceutical preparations
Silva, I. de S.; Saraiva, M. L. M. F. S.; Santos, J. L. M.; Lima, J. L. F. C.
Spectrosc. Lett., **40**, 51-61 (2007).
9132. Automated sample treatment by flow techniques prior to liquid-phase separations
Theodoridis, G. A.; Zacharis, C. K.; Voulgaropoulos, A. N.
J. Biochem. Bioph. Meth., **70**, 243-252 (2007).
9133. Determination of drugs in biological fluids by direct injection of samples for liquid-chromatographic analysis
Mullett, W. M.
J. Biochem. Bioph. Meth., **70**, 263-273 (2007).
9134. Investigation of graphite electrodes modified with cellobiose dehydrogenase from the ascomycete *Myriococcum thermophilum*
Harreither, W.; Coman, V.; Ludwig, R.; Haltrich, D.; Gorton, L.
Electroanalysis, **19**, 172-180 (2007).
9135. Determination of nitric oxide by quenching electro-chemiluminescence of tris(2,2'-bipyridyl)ruthenium in flow injection analysis
Chen, J.; Miyake, M.; Chi, Y.; Nishiumi, T.; Aoki, K.
Electroanalysis, **19**, 181-184 (2007).

9136. Development and Validation of a Lateral Flow Device for the Detection of Nicarbazine Contamination in Poultry Feeds
Campbell, K.; Fodey, T.; Flint, J.; Danks, C.; Danaher, M.; O'Keefe, M.; Kennedy, D. G.; Elliott, C.
J. Agr. Food Chem., **55**, 2497-2503 (2007).
9137. Room temperature phosphorescence optosensing of benzo[a]pyrene in water using halogenated molecularly imprinted polymers
Traviesa-Alvarez, J. M.; Sanchez-Barragan, I.; Costa-Fernandez, J. M.; Pereiro, R.; Sanz-Medel, A.
Analyst, **132**, 218-223 (2007).
9138. Decolorization mechanism of Crystal Violet by a photocatalytic reaction with anatase type titanium dioxide and identification of photodegradation products
Teshima, N.; Yamamoto, S.; Zhang, Q.; Yamada, Z.-I.; Sakai, T.
Bunseki Kagaku, **56**, 99-106 (2007).
9139. Validation of a flow-injection-gas diffusion method for total volatile basic nitrogen determination in seafood products
Dhaouadi, A.; Monser, L.; Sadok, S.; Adhoum, N.
Food Chem., **103**, 1049-1053 (2007).
9140. Integrated Electrochemical Gluconic Acid Biosensor Based on Self-Assembled Monolayer-Modified Gold Electrodes. Application to the Analysis of Gluconic Acid in Musts and Wines
Campuzano, S.; Gamella, M.; Serra, B.; Reviejo, A. J.; Pingarron, J. M.
J. Agr. Food Chem., **55**, 2109-2114 (2007).
9141. Application of polyurethane foam as a sorbent for trace metal pre-concentration - A review
Lemos, V. A.; Santos, M. S.; Santos, E. S.; Santos, M. J. S.; Dos Santos, W. N. L.; Souza, A. S.; De Jesus, D. S.; Das Virgens, C. F.; Carvalho, M. S.; Oleszczuk, N.; Vale, M. G. R.; Welz, B.; Ferreira, S. L. C.
Spectrochim. Acta B, **62B**, 4-12 (2007).
9142. Characterization of a planar -glutamate amperometric biosensor immobilized with a photo-crosslinkable polymer membrane
Chang, K.-S.; Chang, C.-K.; Chou, S.-F.; Han, H.-C.; Chen, C.-Y.
Sensor. Actuat. B-Chem., **B122**, 195-203 (2007).
9143. Synthesis and characterization of polymeric films and nanotubule nets used to assemble selective sensors for nitrite detection in drinking water
Biagiotti, V.; Valentini, F.; Tamburri, E.; Terranova, M. L.; Moscone, D.; Palleschi, G.
Sensor. Actuat. B-Chem., **B122**, 236-242 (2007).
9144. Electrochemical detection in flow injection analysis applied to pharmaceutical analysis
Richter, P.; Toral, M. I.; Soto, C.
Electroanalytical Aspects of Biological Significance Compounds, 101-125 (2006).
9145. Application of lactate amperometric sol-gel biosensor to sequential injection determination of L-lactate
Gomes, S. P.; Odlozilikova, M.; Gabriela Almeida, M.; Araujo, A. N.; Couto, C. M. C. M.; Montenegro, M. C. B. S. M.
J. Pharm. Biomed. Anal., **43**, 1376-1381 (2007).
9146. A green analytical procedure for sensitive and selective determination of iron in water samples by flow-injection solid-phase spectrophotometry
Teixeira, L. S. G.; Rocha, F. R. P.
Talanta, **71**, 1507-1511 (2007).
9147. Enzymatic reverse FIA method for total phenols determination in urine samples
Gruenhut, M.; Palomeque, M. E.; Lista, A. G.; Band, B. S. F.
Talanta, **71**, 1520-1523 (2007).
9148. Determination of nanomolar concentrations of phosphate in natural waters using flow injection with a long path length liquid waveguide capillary cell and solid-state spectrophotometric detection
Gimbert, L. J.; Haygarth, P. M.; Worsfold, P. J.
Talanta, **71**, 1624-1628 (2007).
9149. Sequential multiple analyses of atmospheric nitrous acid and nitrogen oxides
Toda, K.; Hato, Y.; Mori, K.; Ohira, S.-I.; Namihira, T.
Talanta, **71**, 1652-1660 (2007).
9150. Determination of methylmercury and inorganic mercury in water samples by slurry sampling cold vapor atomic absorption spectrometry in a flow injection system after preconcentration on silica C18 modified
Segade, S. R.; Tyson, J. F.
Talanta, **71**, 1696-1702 (2007).
9151. A multisyringe flow-through sequential extraction system for on-line monitoring of orthophosphate in soils and sediments
Buanuam, J.; Miro, M.; Hansen, E. H.; Shiwatana, J.; Estela, J. M.; Cerda, V.
Talanta, **71**, 1710-1719 (2007).
9152. Determination of chromium(VI) and lead in water samples by on-line sorption preconcentration coupled with flame atomic absorption spectrometry using a PCTFE-beads packed column
Anthemidis, A. N.; Koussoroplis, S.-J. V.
Talanta, **71**, 1728-1733 (2007).
9153. On-line organoselenium interference removal for inorganic selenium species by flow injection coprecipitation preconcentration coupled with hydride generation atomic fluorescence spectrometry
Wu, H.; Jin, Y.; Shi, Y.; Bi, S.
Talanta, **71**, 1762-1768 (2007).
9154. Flow-injection analysis of glucose without enzyme based on electrocatalytic oxidation of glucose at a nickel electrode
Zhao, C.; Shao, C.; Li, M.; Jiao, K.
Talanta, **71**, 1769-1773 (2007).
9155. Development and critical comparison of greener flow procedures for nitrite determination in natural waters
Melchert, W. R.; Infante, C. M. C.; Rocha, F. R. P.
Microchem. J., **85**, 209-213 (2007).
9156. Separation of matrix by means of biosorption for flow-injection chemiluminescent determination of trace amounts of Pt(IV) in natural waters
Godlewska-Zylkiewicz, B.; Malejko, J.; Halaburda, P.; Lesniewska, B.; Kojlo, A.
Microchem. J., **85**, 314-320 (2007).
9157. On-line preconcentration and speciation analysis of Se(IV) and Se(VI) using L-methionine immobilised on controlled pore glass
Pacheco, P. H.; Gil, R. A.; Smichowski, P.; Polla, G.; Martinez, L. D.
J. Anal. Atom. Spectrom., **22**, 305-309 (2007).
9158. Determination of selenium by flow injection hydride generation inductively coupled plasma optical emission spectrometry
Hernandez, P. C.; Tyson, J. F.; Uden, P. C.; Yates, D.
J. Anal. Atom. Spectrom., **22**, 298-304 (2007).
9159. Vapour generation at a UV/TiO₂ photocatalysis reaction device for determination and speciation of mercury by AFS and HPLC-AFS
Yin, Y.; Liang, J.; Yang, L.; Wang, Q.
J. Anal. Atom. Spectrom., **22**, 330-334 (2007).
9160. Influence of the geometry of a two-phase steam-water injector on its performance characteristics
Trela, M.; Kwidzinski, R.

- Inzynieria i Aparatura Chemiczna*, 45(6S), 239-241 (2006).
9161. Determination of riboflavin by enhancing the chemiluminescence intensity of peroxomonosulfate-cobalt(II) system
Wang, M.; Zhao, L.; Liu, M.; Lin, J.-M.
Spectrochim. Acta A, **66A**, 1222-1227 (2007).
9162. A flow injection sampling resonance light scattering system for total protein determination in human serum
Dong, L.; Li, Y.; Zhang, Y.; Chen, X.; Hu, Z.
Spectrochim. Acta A, **66A**, 1317-1322 (2007).
9163. Determination of phenol at ng l⁻¹ level by flow-injection chemiluminescence combined with on-line solid-phase extraction
Qi, H.; Lv, J.; Li, B.
Spectrochim. Acta A, **66A**, 874-878 (2007).
9164. Using a Multijunction Microfluidic Device To Inject Substrate into an Array of Preformed Plugs without Cross-Contamination: Comparing Theory and Experiments
Li, L.; Boedicker, J. Q.; Ismagilov, R. F.
Anal. Chem., **79**, 2756-2761 (2007).
9165. Determination of L-malate using immobilized malate dehydrogenase and aspartate aminotransferase in a flow system and its application to analyze the L-malate content of beverages
Mori, H.; Yamashita, A.; Maitani, S.
J. Health Sci., **53**, 128-131 (2007).
9166. Bismuth film electrode for analysis of tetracycline in flow injection system
Sattayasamitsathit, S.; Thavarungkul, P.; Kanatharana, P.
Electroanalysis, **19**, 502-505 (2007).
9167. Recent advances of microfluidics in Mainland China
Lin, B.; Long, Z.; Liu, X.; Qin, J.
Biotechnology Journal, **1**, 1225-1234 (2006).
9168. Fluorescence optosensing implemented with sequential injection analysis: a novel strategy for the determination of labetalol
Llorent-Martinez, E. J.; Satinsky, D.; Solich, P.
Anal. Bioanal. Chem., **387**, 2065-2069 (2007).
9169. Determination, by inductively coupled plasma mass spectrometry, of changes in cellular metal content resulting from herpes simplex virus-1 (HSV-1) infection
DeNicola Cafferky, K.; Thompson, R. L.; Richardson, D. D.; Caruso, J. A.
Anal. Bioanal. Chem., **387**, 2037-2043 (2007).
9170. In vitro monitoring of clindamycin in human urine using flow injection chemiluminescence
Shao, X.; Xie, X.; Song, Z.
Microchim. Acta, **157**, 159-164 (2007).
9171. Determination of reducing ends with flow injection analysis with amperometric detection: application to enzyme-hydrolysed methyl cellulose
Melander, C.; Andersson, E.; Axelsson, S.; Gorton, L.
Anal. Bioanal. Chem., **387**, 2585-2593 (2007).
9172. Sequential injection determination of nitrate in vegetables by spectrophotometry with inline cadmium reduction
Oliveira, S. M.; Lopes, T. I. M. S.; Rangel, A. O. S. S.
Commun. Soil Sci. Plan., **38**, 533-544 (2007).
9173. Flow injection analysis with tubular membrane ion-selective electrode and coated wires for buspirone hydrochloride
Abdel-Ghani, N.; Issa, Y.; Shoukry, A.; Ahmed, H.
Ann Chim-Rome, **97**, 97-107 (2007).
9174. Flow-injection chemiluminescence determination of catecholamines
Wolyniec, E.; Niedzwiedzka, U.; Kojlo, A.
Instrum. Sci. Technol., **35**, 219-231 (2007).
9175. Sequential injection technique for the determination of chlorpromazine hydrochloride in pure form and pharmaceutical formulations
Feng, S.; Li, C.; Fan, J.; Chen, X.
J. Anal. Chem., **62**, 233-237 (2007).
9176. Determination of platinum in human subcellular microsomes by inductively coupled plasma mass spectrometry
Bjoern, E.; Nygren, Y.; Nguyen, T. T. N.; Ericson, C.; Noejd, M.; Naredi, P.
Anal. Biochem., **363**, 135-142 (2007).
9177. Sensitization of surfactants on the chemiluminescence reaction of fluorescein isothiocyanate labeled proteins
Huang, C.; Zhang, K.; Ci, Y.
J. Biochem. Biophys. Meth., **70**, 341-347 (2007).
9178. Portable 24-analyte surface plasmon resonance instruments for rapid, versatile biodetection
Chinowsky, T. M.; Soelberg, S. D.; Baker, P.; Swanson, N. R.; Kauffman, P.; Mactutis, A.; Grow, M. S.; Atmar, R.; Yee, S. S.; Furlong, C. E.
Biosens. Bioelectron., **22**, 2268-2275 (2007).
9179. A homemade autosampler/injector commutator for flow injection analysis
Costa de Figueiredo, E.; Ruela de Souza, L.; Schmidt de Magalhaes, C.; Wisniewski, C.; Luccas, P. O.
J. Autom. Method. Manag., 2/1-2/4 (2006).
9180. Instrumentation and automated photometric titration procedure for total acidity determination in red wine employing a multicommutated flow system
Garcia, A. J. C.; Reis, B. F.
J. Autom. Method. Manag., 7/1-7/8 (2006).
9181. Sequential injection spectrophotometric determination of zinc(II) in pharmaceuticals based on zinc(II)-PAN in non-ionic surfactant medium
Thanasarakhan, W.; Liawruangrath, S.; Wangkarn, S.; Liawruangrath, B.
Talanta, **71**, 1849-1855 (2007).
9182. Effect of pH on the characteristics of potassium permanganate-luminol CL reaction in the presence of trace aluminum(III) and its analytical application
Pan, J.; Huang, Y.; Shu, W.; Cao, J.
Talanta, **71**, 1861-1866 (2007).
9183. Soluble manganese(IV) as a chemiluminescence reagent for the determination of opiate alkaloids, indoles and analytes of forensic interest
Brown, A. J.; Lenehan, C. E.; Francis, P. S.; Dunstan, D. E.; Barnett, N. W.
Talanta, **71**, 1951-1957 (2007).
9184. Flow-injection on-line oxidizing fluorimetry and solid phase extraction for determination of thioridazine hydrochloride in human plasma
Zhang, Z.-Q.; Ma, J.; Lei, Y.; Lu, Y.-M.
Talanta, **71**, 2056-2061 (2007).
9185. Determination of cadmium in leaves by ultrasound-assisted extraction prior to hydride generation, pervaporation and atomic absorption detection
Caballo-Lopez, A.; Luque de Castro, M. D.
Talanta, **71**, 2074-2079 (2007).
9186. Evaluation of different mediator-modified screen-printed electrodes used in a flow system as amperometric sensors for NADH
Prieto-Simon, B.; Macanas, J.; Munoz, M.; Fabregas, E.
Talanta, **71**, 2102-2107 (2007).
9187. Review of recent applications of flow injection spectrophotometry to pharmaceutical analysis
Tzanavaras, P. D.; Themelis, D. G.
Anal. Chim. Acta, **588**, 1-9 (2007).
9188. Determination of verapamil hydrochloride with 12-tungstophosphoric acid by resonance Rayleigh scattering method coupled to flow injection system

- Xu, D.; Liu, S.; Liu, Z.; Hu, X.
Anal. Chim. Acta, **588**, 10-15 (2007).
9189. Flow-injection pulse amperometric detection based on ion transfer across a water-plasticized polymeric membrane interface for the determination of imipramine
Ortuno, J. A.; Gil, A.; Sanchez-Pedreno, C.
Sensor. Actuat. B-Chem., **B122**, 369-374 (2007).
9190. Amperometric detection of Cu²⁺ by yeast biosensors using flow injection analysis (FIA)
Tag, K.; Riedel, K.; Bauer, H.-J.; Hanke, G.; Baronian, K. H. R.; Kunze, G.
Sensor. Actuat. B-Chem., **B122**, 403-409 (2007).
9191. An electrochemical sensor for -dopa based on oxovanadium-salen thin film electrode applied flow injection system
Teixeira, M. F. S.; Marcolino-Junior, L. H.; Fatibello-Filho, O.; Dockal, E. R.; Bergamini, M. F.
Sensor. Actuat. B-Chem., **B122**, 549-555 (2007).
9192. Flow injection absorbance spectra time processing for the determination of Cr(VI) in the presence of Sn(II) as interfering substance
D'Emilia, G.; Natale, E.
Meas. Sci. Technol., **18**, 707-714 (2007).
9193. Method for defined mass flow variations in time and its application to test a mass flow rate meter for pulsating flows
Durst, F.; Uensal, B.; Ray, S.; Trimis, D.
Meas. Sci. Technol., **18**, 790-802 (2007).
9194. Determination of chemical oxygen demand using flow injection with Ti/TiO₂ electrode prepared by laser anneal
Li, J.; Zheng, L.; Li, L.; Shi, G.; Xian, Y.; Jin, L.
Meas. Sci. Technol., **18**, 945-951 (2007).
9195. Fluorometric determination of boron using boron-2,3-dihydroxynaphthalene-insulin ternary complex formation by flow injection analysis
Iwata, J.; Kimishima, Y.; Watanabe, K.; Shitanda, I.; Itagaki, M.
Bunseki Kagaku, **56**, 135-141 (2007).
9196. Determination of paracetamol by flow-injection chemiluminescence with KMnO₄-Na₂SO₃ system
Xiong, X.-y.; Tang, Y.-h.; Wang, N.-n.; Wu, S.-j.
Fenxi Shiyanshi, **26**, 80-83 (2007).
9197. A novel microfluidic flow-injection analysis device with fluorescence detection for cation sensing. Application to potassium
Destandau, E.; Lefevre, J.-P.; Chouai Fakhr Eddine, A.; Desportes, S.; Jullien, M. C.; Hierle, R.; Leray, I.; Valeur, B.; Delaire, J. A.
Anal. Bioanal. Chem., **387**, 2627-2632 (2007).
9198. Online phototransformation-flow injection chemiluminescence determination of triclosan
Song, S.; Song, Q. J.; Chen, Z.
Anal. Bioanal. Chem., **387**, 2917-2922 (2007).
9199. Flow injection chemiluminescence for determination of dopamine with immobilized reagents technology
Liu, Y.; Song, Z.
Can. J. Anal. Sci. Spect., **51**, 59-66 (2006).
9200. Determination of norfloxacin by flow injection analysis with chemiluminescence detection
Sun, H.-w.; Li, L.-q.; Chen, X.-y.; Shi, H.-m.; Lu, Y.-k.
Can. J. Anal. Sci. Spect., **51**, 100-107 (2006).
9201. On-line preconcentration system using a mini-column of activated carbon for cadmium and lead determination in water by flame atomic absorption spectrometry
Quinaia, S. P.; Rollemberg, M. do C. E.; Borba da Silva, J. B.
Can. J. Anal. Sci. Spect., **51**, 225-233 (2006).
9202. Quantification of dibromodimethylhydantoin disinfectants in water by chemiluminescent method
Song, S.; Liu, P.; Song, Q. J.
Anal. Sci., **23**, 327-330 (2007).
9203. Determination of surfactants in leather wastewater by flow injection spectrophotometry
Dong, Y.; Zhang, X.; Fu, D.; Jie, T.; Zou, Y.; Li, X.
J. Soc. Leath. Tech. Ch., **91**, 19-20 (2007).
9204. A reliable method to determine sulfide in tannery effluent
Xie, Y.; Zhang, X.; Wang, W.; Li, H.; Dong, Y.; Jin, H.
J. Soc. Leath. Tech. Ch., **91**, 21-24 (2007).
9205. Possibilities of using a new graphite-castor oil polyurethane composite electrode as an amperometric flow detector
Cavalheiro, E. T. G.; Cervini, P.; Ramos, L. A.
Anal. Chem. (Rajkot, India), **2**, 187-194 (2006).
9206. Evaluation of trace elements in water of an environmental protection area located in the Lagoa Farm, Monte Belo District, Minas Gerais State, Brazil
Luccas, P. O.; Pessoa, G. de S.; Goncalves de Oliveira, F. S.; Rabelo de Fonseca, F. A.; Mataveli, L. R. V.
Environmental Science, **1**, 8-15 (2006).
9207. Determination of cobalt(II) in various environmental samples with 3,5-dibromosalicylaldehyde thiosemicarbazone using spectrophotometry coupled with flow-injection technique
Chiranjeevi, P.; Suvardhan, K.; Kumar, K. S.; Rekha, D.; Ramanaiah, S.
Anal. Chem. (Rajkot, India), **2**, 51-59 (2006).
9208. A novel method for fast determination of Ranitidine in its pharmaceutical formulations by fast continuous cyclic voltammetry
Norouzi, P.; Ganjali, M. R.; Daneshgar, P.
Journal of Pharmacological and Toxicological Methods, **55**, 289-296 (2007).
9209. Carbon film resistor electrode for amperometric determination of acetaminophen in pharmaceutical formulations
Felix, F. S.; Brett, C. M. A.; Angnes, L.
J. Pharm. Biomed. Anal., **43**, 1622-1627 (2007).
9210. Determination of catecholamines by flow-injection analysis and high-performance liquid chromatography with chemiluminescence detection
Nalewajko, E.; Wiszowata, A.; Kojlo, A.
J. Pharm. Biomed. Anal., **43**, 1673-1681 (2007).
9211. Separation and determination of four active components in medicinal preparations by flow injection-capillary electrophoresis
Liu, X.; Liu, L.; Chen, H.; Chen, X.
J. Pharm. Biomed. Anal., **43**, 1700-1705 (2007).
9212. High-throughput quantitation of nefazodone and its metabolites in human plasma by high flow direct-injection LC-MS/MS
Mao, Y.; Huang, M.-Q.; Xia, Y.-Q.; Jemal, M.
J. Pharm. Biomed. Anal., **43**, 1808-1819 (2007).
9213. Automated determination of flutamide by a validated flow-injection method: Application to dissolution studies of pharmaceutical tablets
Tzanavaras, P. D.; Themelis, D. G.
J. Pharm. Biomed. Anal., **43**, 1820-1824 (2007).
9214. Highly selective flow injection spectrophotometric determination of gold based on its catalytic effect on the oxidation of variamine blue by potassium iodate in aqueous N,N-dimethylformamide medium
Themelis, D. G.; Trellopoulos, A. V.; Tzanavaras, P. D.; Sofoniou, M.
Talanta, **72**, 277-281 (2007).
9215. Development of a new high performance low pressure chromatographic system using a multisyringe burette coupled to a chromatographic monolithic column
Gonzalez-San Miguel, H. M.; Alpizar-Lorenzo, J. M.;

- Cerda-Martin, V.
Talanta, **72**, 296-300 (2007).
9216. A high throughput and selective method for the estimation of valproic acid an antiepileptic drug in human plasma by tandem LC-MS/MS
Jain, D. S.; Subbaiah, G.; Sanyal, M.; Shrivastav, P.
Talanta, **72**, 80-88 (2007).
9217. Biological cell-sorption for separation/preconcentration of ultra-trace cadmium in a sequential injection system with detection by electrothermal atomic absorption spectrometry
Zou, A.-M.; Chen, M.-L.; Shu, Y.; Yang, M.; Wang, J.-H.
J. Anal. Atom. Spectrom., **22**, 392-398 (2007).
9218. Antibody-functionalized magnetic nanoparticles for the detection of carcinoembryonic antigen using a flow-injection electrochemical device
Pan, J.; Yang, Q.
Anal. Bioanal. Chem., **388**, 279-286 (2007).
9219. Sequential injection analysis with spectrophotometric detection of cefadroxil and amoxicillin in pharmaceuticals
Feng, S.; Jiang, J.; Fan, J.; Chen, X.
Chem. Anal.-Warsaw, **52**, 83-92 (2007).
9220. A new method for continuous assessment of CO₂ released from dough baked in ventilated ovens
Lucas, T.; Le Ray, D.; Peu, P.; Wagner, M.; Picard, S.
J. Food Eng., **81**, 1-11 (2007).
9221. High-throughput urine screening for Smith-Lemli-Opitz syndrome and cerebrotendinous xanthomatosis using negative electrospray tandem mass spectrometry
Pitt, J. J.
Clin. Chim. Acta, **380**, 81-88 (2007).
9222. Automated SIA system using an array of potentiometric sensors for determining alkaline-earth ions in water
Calvo, D.; Grossl, M.; Cortina, M.; del Valle, M.
Electroanalysis, **19**, 644-651 (2007).
9223. A novel flow injection potentiometric graphite coated ion-selective electrode for the low level determination of uranyl ion
Shamsipur, M.; Mizani, F.; Mousavi, M. F.; Alizadeh, N.; Alizadeh, K.; Eshghi, H.; Karami, H.
Anal. Chim. Acta, **589**, 22-32 (2007).
9224. Direct screening of tetracyclines in water and bovine milk using room temperature phosphorescence detection
Traviesa-Alvarez, J. M.; Costa-Fernandez, J. M.; Pereiro, R.; Sanz-Medel, A.
Anal. Chim. Acta, **589**, 51-58 (2007).
9225. On-line selective detection of antioxidants free-radical scavenging activity based on Co(II)/EDTA-induced luminal chemiluminescence by flow injection analysis
Giokas, D. L.; Vlessidis, A. G.; Evmiridis, N. P.
Anal. Chim. Acta, **589**, 59-65 (2007).
9226. Comparison of metallic and ceramic tubes as atomization cells for tin determination by TS-FF-AAS
Lobo, F. A.; Villafranca, A. C.; Paiva de Oliveira, A.; de Moraes, M.
Atom. Spectrosc., **28**, 17-23 (2007).
9227. Flow injection on-line solid phase extraction using multi-walled carbon nanotubes as sorbent for cold vapor atomic fluorescence spectrometric determination of trace mercury in water samples
Shang, X.-H.
Atom. Spectrosc., **28**, 35-40 (2007).
9228. Investigation on the electrochemiluminescent behaviors of oxypurinol in alkaline Ru(bpy)₃²⁺ solution using a flow injection analytical system
Chi, Y.; Dong, Y.; Chen, G.
Electrochem. Commun., **9**, 577-583 (2007).
9229. Amperometric method for rapid detection of Escherichia coli by flow injection analysis using a bismuth nano-film modified glassy carbon electrode
Zhang, W.; Tang, H.; Geng, P.; Wang, Q.; Jin, L.; Wu, Z.
Electrochem. Commun., **9**, 833-838 (2007).
9230. Development of fast Fourier transform continuous cyclic voltammetry at Au microelectrode in flowing solutions as a novel method for sub-nanomolar monitoring of lidocaine in injection and biological fluids
Norouzi, P.; Ganjali, M. R.; Daneshgar, P.; Dinarvand, R.; Moosavi-Movahedi, A. A.; Saboury, A. A.
Anal. Chim. Acta, **590**, 74-80 (2007).
9231. Quartz crystal microbalance biosensor for recombinant human interferon- β detection based on antisense peptide approach
Luo, J.; Zhang, Q.; Huang, Y.; Liu, G.; Zhao, R.
Anal. Chim. Acta, **590**, 91-97 (2007).
9232. Determination of copper in seawater by using a sequential injection system incorporating a sample pretreatment module coupled to electrothermal atomic absorption spectrometry
Yu, Y.-L.; Du, Z.; Wang, J.-H.
Fenxi Huaxue, **35**, 431-434 (2007).
9233. Simultaneous determination of chromium(VI) and chromium(III) of bioavailable fraction in bottom mud by flow injection-atomic absorption spectroscopy
Wang, C.; Xie, W.-B.; Liu, J.; Liu, J.-T.
Fenxi Huaxue, **35**, 451-454 (2007).
9234. Development and test of the planar-waveguide fluorescent immuno-sensor
Song, B.-D.; Shi, H.-C.; He, M.; Zhang, F.; Guo, B.-B.
Fenxi Huaxue, **35**, 461-465 (2007).
9235. Determination of glucose and lactose in food products with the use of biosensors based on Berlin blue
Lukacheva, L. V.; Zakemovskaya, A. A.; Karyakina, E. E.; Zorov, I. N.; Sinitsyn, A. P.; Sukhacheva, M. V.; Netrusov, A. I.; Karyakin, A. A.
J. Anal. Chem., **62**, 388-393 (2007).
9236. Novel method for the fast determination of ultra trace amount of nortriptyline in its pharmaceutical formulations by fast fourier transform continuous cyclic voltammetric technique at Au microelectrode in flowing solutions
Norouzi, P.; Ganjali, M. R.; Shirvani-Arani, S.; Mohammadi, A.
J. Pharm. Sci.-US, **96**, 893-904 (2007).
9237. Online supported liquid membrane extraction-flow injection spectrophotometric determination of volatile phenols in water
Xiao, X.; Zhang, X.; Luo, Y.; Chen, G.; Gong, Z.
Huaxue Yanjiu Yu Yingyong, **18**, 445-448 (2006).
9238. Determination of major, minor and trace elements in silicate samples by ICP-QMS and ICP-SFMS applying isotope dilution-internal standardisation (ID-IS) and multi-stage internal standardisation
Makishima, A.; Nakamura, E.
Geostand. Geoanal. Res., **30**, 245-271 (2006).
9239. Determination of flavonoids and the antioxidation effect in Crataegus Pinnatifida Bunge
Hui, R.; Hou, D.; Liu, X.; Tang, R.; Li, X.
Shipin Kexue, **27**, 199-202 (2006).
9240. Research on spectrophotometric flow-injection rapid analysis of I⁻ in kelp
Xiao, X.; Zhang, X.; Chen, G.; Gong, Z.; Luo, Y.
Shipin Kexue, **27**, 162-166 (2006).
9241. Pervaporation-flow injection with chemiluminescence detection for determination of iodide in multivitamin tablets
Nacapricha, D.; Sangkarn, P.; Karuwan, C.; Mantim, T.; Waiyawat, W.; Wilairat, P.; Cardwell, T.; McKelvie, I. D.;

- Ratanawimarnwong, N.
Talanta, **72**, 626-633 (2007).
9242. Thin layer distillation for matrix isolation in flow analysis
Mornane, P.; van den Haak, J.; Cardwell, T. J.; Catrall, R. W.; Dasgupta, P. K.; Kolev, S. D.
Talanta, **72**, 741-746 (2007).
9243. EIS multianalyte sensing with an automated SIA system-An electronic tongue employing the impedimetric signal
Cortina-Puig, M.; Munoz-Berbel, X.; Alonso-Lomillo, M. A.; Munoz-Pascual, F. J.; del Valle, M.
Talanta, **72**, 774-779 (2007).
9244. A novel application of Onyx monolithic column for simultaneous determination of salicylic acid and triamcinolone acetonide by sequential injection chromatography
Chocholous, P.; Holik, P.; Satinsky, D.; Solich, P.
Talanta, **72**, 854-858 (2007).
9245. Improving the detection limits of antispasmodic drugs electrodes by using modified membrane sensors with inner solid contact
Ibrahim, H.; Issa, Y. M.; Abu-Shawish, H. M.
J. Pharm. Biomed. Anal., **44**, 8-15 (2007).
9246. Development and application of flow injection analysis system based on virtual instrument technology
Zeng, T.; Ren, F.
Jisuanji Yu Yingyong Huaxue, **24**, 367-370 (2007).
9247. A novel type of tri-colour light-emitting-diode-based spectrometric detector for low-budget flow-injection analysis
Gros, N.
Sensors, **7**, 166-184 (2007).
9248. Home-made detection device for a mixture of ethanol and acetone
Reungchaiwat, A.; Wongchanapiboon, T.; Liawruangrath, S.; Phanichphant, S.
Sensors, **7**, 202-213 (2007).
9249. Inductively coupled plasma atomic emission spectrometric determination of trace rare earths with on-line fillerless coprecipitation
Fu, Y.; Liu, J.-x.; Wang, Y.-f.; Huang, Z.-r.
Fenxi Shiyanshi, **26**, 91-94 (2007).
9250. Determination of trace Cr(III) in water by RDB - H₂O₂ flow injection - chemiluminescence system
Yu, C.-h.; Liu, B.
Huaxue Gongchengshi, **20**, 34-35 (2006).
9251. Chemiluminescence determination of chromium(III) and total chromium in water samples using the periodate-lucigenin reaction
Du, J.-X.; Li, Y.-H.; Guan, R.
Microchim. Acta, **158**, 145-150 (2007).
9252. Indirect determination of free cyanide in water and industrial waste water by flow injection-atomic absorption spectrometry
Dadfarnia, S.; Haji Shabani, A. M.; Tamadon, F.; Rezaei, M.
Microchim. Acta, **158**, 159-163 (2007).
9253. Determination of phosphate in wastewater by flow injection spectrophotometry
Wang, Q.-x.; Su, L.; Zhang, H.-t.
Huaxue Gongchengshi, **20**, 30-31 (2006).
9254. Flow injection analysis of imidacloprid in natural waters and agricultural matrixes by photochemical dissociation, chemical reduction, and nitric oxide chemiluminescence detection
Lagalante, A. F.; Greenbacker, P. W.
Anal. Chim. Acta, **590**, 151-158 (2007).
9255. Enhancement in sample preconcentration by the on-line incorporation of cloud point extraction to flow injection analysis inside the chemiluminescence cell and the determination of total serum bilirubin
Lu, C.; Song, G.; Lin, J.-M.; Huie, C. W.
Anal. Chim. Acta, **590**, 159-165 (2007).
9256. Time measurement-visual analysis of nickel(II) using autocatalytic reaction with sodium sulfite/hydrogen peroxide system and its application to the length detection-flow analysis
Kato, J.; Higuchi, T.; Kubota, T.; Igarashi, S.
Anal. Chim. Acta, **590**, 245-252 (2007).
9257. Flow injection analysis of blood urea in combination with a trinitrate cellulose based mini enzyme reactor and a modified potentiometric ammonium ion transducer
Butt, S. B.
J. Chem. Soc. Pakistan, **28**, 561-566 (2006).
9258. Novel method for determination of trace amounts of citalopram in tablets by fast fourier continuous cyclic voltammetry at Au microelectrode in flowing solutions
Norouzi, P.; Daneshgar, P.; Ganjali, M. R.; Moosavi-Movahedi, A.
J. Braz. Chem. Soc., **18**, 231-238 (2007).

