

FIA Bibliography (48)

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

9259. FIA Bibliography (47)
Takayanagi, T.
J. Flow Injection Anal. **24**, 29-44 (2007).
9260. Photo-induced chemiluminometric determination of Karbutilate in a continuous-flow multicommutation assembly
Amorim, C. M. P. G.; Albert-Garcia, J. R.; Montenegro, M. C. B. S.; Araujo, A. N.; Calatayud, J. M.
J. Pharm. Biomed. Anal. **43**, 421-427 (2007).
9261. A microfluidic platform for 3-dimensional cell culture and cell-based assays
Kim, M. S.; Yeon, J. H.; Park, J.-K.
Biomed. Microdevices **9**, 25-34 (2007).
9262. Molecularly imprinted sol-gels for nafcillin determination in milk-based products
Guardia, L.; Badia, R.; Diaz-Garcia, M. E.
J. Agr. Food Chem. **55**, 566-570 (2007).
9263. Development and validation of a liquid chromatographic method for the analysis of positron emission tomography radiopharmaceuticals with Ru(bpy)₃²⁺-KMnO₄ chemiluminescence detection
Nakao, R.; Furutsuka, K.; Yamaguchi, M.; Suzuki, K.
Anal. Sci. **23**, 151-155 (2007).
9264. Determination of human erythropoietin by on-line immunoaffinity capillary electrophoresis: a preliminary report
Benavente, F.; Hernandez, E.; Guzman, N. A.; Sanz-Nebot, V.; Barbosa, J.
Anal. Bioanal. Chem. **387**, 2633-2639 (2007).
9265. Chemiluminescence of synephrine based on the cerium(IV)-rhodamine B system
Wang, R.; Wan, L.; Li, Q.; Liu, X.; Huang, Y.
Luminescence **22**, 140-146 (2007).
9266. DNA purification on a lab-on-valve system incorporating a renewable microcolumn with in situ monitoring by laser-induced fluorescence
Chen, X.-W.; Xu, Z.-R.; Qu, B.-Y.; Wu, Y.-F.; Zhou, J.; Zhang, H.-D.; Fang, J.; Wang, J.-H.
Anal. Bioanal. Chem. **388**, 157-163 (2007).
9267. On-chip microdialysis system with flow-through sensing components
Hsieh, Y.-C.; Zahn, J. D.
Biosens. Bioelectron. **22**, 2422-2428 (2007).
9268. Simple and sensitive bacterial quantification by a flow-based kinetic exclusion fluorescence immunoassay
Su, F.-y.; Endo, Y.; Saiki, H.; Xing, X.-H.; Ohmura, N.
Biosens. Bioelectron. **22**, 2500-2507 (2007).
9269. Detection and identification of bacteria using antibiotic susceptibility and a multi-array electrochemical sensor with pattern recognition
Karasinski, J.; White, L.; Zhang, Y.; Wang, E.; Andreescu, S.; Sadik, O. A.; Lavine, B. K.; Vora, M.
Biosens. Bioelectron. **22**, 2643-2649 (2007).
9270. Future aspects of bioprocess monitoring
Becker, T.; Hitzmann, B.; Muffler, K.; Portner, R.; Reardon, K. F.; Stahl, F.; Ulber, R.
Adv. Biochem. Eng. Biot. **105**, 249-293 (2007).
9271. Coupled-column liquid chromatography combined with postcolumn photochemical derivatization and fluorescence detection for the determination of herbicides in groundwater
Mughari, A. R.; Galera, M. M.; Vazquez, P. P.; Valverde, R. S.
J. Sep. Sci. **30**, 673-678 (2007).
9272. Evaluation of the *in situ*, time-integrated DGT technique by monitoring changes in heavy metal concentrations in estuarine waters
Dunn, R. J. K.; Teasdale, P. R.; Warnken, J.; Jordan, M. A.; Arthur, J. M.
Environ. Pollut. **148**, 213-220 (2007).
9273. Direct electrochemistry and electrocatalysis of myoglobin on redox-active self-assembling monolayers derived from nitroaniline modified electrode
Kumar, S. A.; Chen, S.-M.
Biosens. Bioelectron. **22**, 3042-3050 (2007).
9274. Determination of beta-lactam antibiotics in milk using micro-flow chemiluminescence system with on-line solid phase extraction
Liu, W.; Zhang, Z.; Liu, Z.
Anal. Chim. Acta **592**, 187-192 (2007).
9275. Simplifying CE-MS operation. 2. Interfacing low-flow separation techniques to mass spectrometry using a porous tip
Moini, M.
Anal. Chem. **79**, 4241-4246 (2007).
9276. Remotely adjustable check-valves with an electrochemical release mechanism for implantable biomedical microsystems
Pan, T.; Baldi, A.; Ziae, B.
Biomed. Microdevices **9**, 385-394 (2007).
9277. Integration of optical fiber light guide, fluorescence detection system, and multichannel disposable microfluidic chip
Irawan, R.; Tjin, S. C.; Fang, X.; Fu, C. Y.
Biomed. Microdevices **9**, 413-419 (2007).
9278. On-line recalibration of spectral measurements using metabolite injections and dynamic orthogonal projection
Dabros, M.; Amrhein, M.; Gujral, P.; von Stockar, U.
Appl. Spectrosc. **61**, 507-513 (2007).
9279. Review of procedures involving separation and preconcentration for the determination of cadmium using spectrometric techniques
Ferreira, S. L. C.; de Andrade, J. B.; Korn, M. das G. A.; Pereira, M. de G.; Lemos, V. A.; dos Santos, W. N. L.; Rodrigues, F. de M.; Souza, A. S.; Ferreira, H. S.; da Silva, E. G. P.
J. Hazard. Mater. **145**, 358-367 (2007).
9280. Leachate injection using vertical wells in bioreactor landfills
Khire, M. V.; Mukherjee, M.
Waste Manage. **27**, 1233-1247 (2007).
9281. Micropumps, microvalves, and micromixers within PCR microfluidic chips: Advances and trends
Zhang, C.; Xing, D.; Li, Y.
Biotechnol. Adv. **25**, 483-514 (2007).
9282. Analytical applications of glassy carbon electrodes modified with multi-wall carbon nanotubes dispersed in polyethylenimine as detectors in flow systems
Sanchez, A. A.; Bermejo, E.; Chicharro, M.; Zapardiel, A.; Luque, G. L.; Ferreyra, N. F.; Rivas, G. A.

- Anal. Chim. Acta* **596**, 183-194 (2007).
9283. Integration of continuous-flow sampling with microchip electrophoresis using poly(dimethylsiloxane)-based valves in a reversibly sealed device
Li, M. W.; Martin, R. S.
Electrophoresis **28**, 2478-2788 (2007).
9284. Using sequential injection analysis to improve system and data reliability of online methods: determination of ammonium and phosphate in coastal waters
Frank, C.; Schroeder, F.
J. Autom. Method Manag. **2007**, 49535 (2007).
9285. Design and development of a flow injection-capillary electrophoresis analyzer employing fiber optic detection
Hanrahan, G.; Tse, F.; Dahdouh, F. T.; Clarke, K.; Gomez, F. A.
Journal of Capillary Electrophoresis and Microchip Technology **10**, 1-6 (2007).
9286. Piezoelectric pumping in flow analysis: Application to the spectrophotometric determination of gabapentin
Ribeiro, M. F. T.; Santos, J. L. M.; Lima, J. L. F. C.
Anal. Chim. Acta **600**, 14-20 (2007).
9287. Multi-pumping flow systems: the potential of simplicity
Santos, J. L. M.; Ribeiro, M. F. T.; Dias, A. C. B.; Lima, J. L. F. C.; Zagatto, E. E. A.
Anal. Chim. Acta **600**, 21-28 (2007).
9288. Flow-through solid-phase reflectometric method for simultaneous multiresidue determination of nitrophenol derivatives
Manera, M.; Miro, M.; Estela, J. M.; Cerda, V.; Segundo, M. A.; Lima, J. L. F. C.
Anal. Chim. Acta **600**, 155-163 (2007).
9289. Flow-through optosensor combined with photochemically induced fluorescence for simultaneous determination of binary mixtures of sulfonamides in pharmaceuticals, milk and urine
Flores, J. L.; Fernandez, de C. M. L.; Molina, D. A.
Anal. Chim. Acta **600**, 164-171 (2007).
9290. Exploiting kinetic spectrophotometric determination of captopril, an angiotensin-converting enzyme inhibitor, in a multi-pumping flow system
Prior, J. A. V.; Santos, J. L. M.; Lima, J. L. F. C.
Anal. Chim. Acta **600**, 183-187 (2007).
9291. A flow-injection chemiluminescence method for the determination of human serum albumin, using the reaction of fluorescein-human serum albumin-sodium hypochlorite by the enhancement effect of the cationic surfactant cetyltrimethylammonium bromide
Huang, C.-B.; Zhang, K.; Liu, X.-L.; Wang, S.-F.
Luminescence **22**, 393-400 (2007).
9292. Determination of serum glucose by horseradish peroxidase-catalysed imidazole chemiluminescence coupled to a micro-flow-injection system
Nozaki, O.; Munesue, M.; Kawamoto, H.
Luminescence **22**, 401-406 (2007).
9293. Recent applications of flow-injection and sequential-injection analysis techniques to chemiluminescence determination of pharmaceuticals
Mervartova, K.; Polasek, M.; Martinez, C. J.
J. Pharm. Biomed. Anal. **45**, 367-381 (2007).
9294. Semi-hydrodynamic injection for high salt stacking and sweeping on microchip electrophoresis and its application for anal. of estrogen and estrogen binding
Chen, C.-C.; Yen, S.-F.; Makamba, H.; Li, C.-W.; Tsai, M.-L.; Chen, S.-H.
Anal. Chem. **79**, 195-201 (2007).
9295. Three-Dimensional Analysis of Flow and Mixing Characteristics of a Novel In-Line Opposing-Jet Mixer
Wang, S. J.; Mujumdar, A. S.
Ind. Eng. Chem. Res. **46**, 632-642 (2007).
9296. A Complete Microfluidic Screening Platform for Rational Protein Crystallization
Lau, B. T. C.; Baitz, C. A.; Dong, X. P.; Hansen, C. L.
J. Am. Chem. Soc. **129**, 454-455 (2007).
9297. A New Fast Method for nanoLC-MALDI-TOF/TOF-MS Analysis Using Monolithic Columns for Peptide Preconcentration and Separation in Proteomic Studies
Marcus, K.; Schaefer, H.; Klaus, S.; Bunse, C.; Swart, R.; Meyer, H. E.
J. Proteome Res. **6**, 636-643 (2007).
9298. Polyketone polymer: A new support for direct enzyme immobilization
Agostinelli, E.; Belli, F.; Tempera, G.; Mura, A.; Floris, G.; Toniolo, L.; Vavasori, A.; Fabris, S.; Momo, F.; Stevanato, R.
J. Biotechnol. **127**, 670-678 (2007).
9299. Preliminary numerical analysis for a naphtha co-injection test during SAGD
Boak, J.; Palmgren, C.
J. Can. Petrol. Technol. **46**, 13-19 (2007).
9300. Preparation of low-molecular-weight carboxymethyl chitosan and their superoxide anion scavenging activity
Sun, T.; Zhou, D.; Mao, F.; Zhu, Y.
Eur. Polym. J. **43**, 652-656 (2007).
9301. Voltammetric characterization and amperometric detection of β -carboline alkaloids at carbon nanotube-modified electrodes
Agui, L.; Pena-Farfal, C.; Yanez-Sedeno, P.; Pingarron, J. M.
Electroanalysis **19**, 237-243 (2007).
9302. Sequential injection affinity chromatography utilizing an albumin immobilized monolithic column to study drug-protein interactions
Zacharis, C. K.; Kalaitzantonakis, E. A.; Podgornik, A.; Theodoridis, G.
J. Chromatogr. A **1144**, 126-134 (2007).
9303. Clenbuterol Determination in Calf Hair by UPLC-MS-MS: Case Report of a Fraudulent Use for Cattle Growth
Salquebre, G.; Bresson, M.; Villain, M.; Cirimele, V.; Kintz, P.
J. Anal. Toxicol. **31**, 114-118 (2007).
9304. Profiling of molecular interactions in real time using acoustic detection
Godber, B.; Frogley, M.; Rehak, M.; Sleptsov, A.; Thompson, K. S. J.; Uludag, Y.; Cooper, M. A.
Biosens. Bioelectron. **22**, 2382-2386 (2007).
9305. Design and application of a flow cell for carbon-film based electrochemical enzyme biosensors
Barsan, M. M.; Klincar, J.; Batic, M.; Brett, C. M. A.
Talanta **71**, 1893-1900 (2007).
9306. Air flow paths and porosity/permeability change in a saturated zone during in situ air sparging
Tsai, Y.-J.
J. Hazard. Mater. **142**, 315-323 (2007).
9307. Non-fouling microfluidic chip produced by radio frequency tetraglyme plasma deposition
Salim, M.; Mishra, G.; Fowler, G. J. S.; O'Sullivan, B.; Wright, P. C.; McArthur, S. L.
Lab Chip **7**, 523-525 (2007).
9308. Investigation of heterogeneous electrochemical processes using multi-stream laminar flow in a microchannel
Hasenbank, M. S.; Fu, E.; Nelson, J. B.; Schwartz, D. T.; Yager, P.
Lab Chip **7**, 441-447 (2007).
9309. A simple pneumatic setup for driving microfluidics
Braschler, T.; Metref, L.; Zvitov-Marabi, R.; van Lintel, H.; Demierre, N.; Theytaz, J.; Renaud, P.
Lab Chip **7**, 420-422 (2007).

9310. New automated method with amperometric detection for the determination of azithromycin
Palomeque, M. E.; Ortiz, P. I.
Talanta **72**, 101-105 (2007).
9311. Determination of iron-porphyrin-like complexes at nanomolar levels in seawater
Vong, L.; Laes, A.; Blain, S.
Anal. Chim. Acta **588**, 237-244 (2007).
9312. A microfluidic device for impedance spectroscopy analysis of biological samples
Iliescu, C.; Poenar, D. P.; Carp, M.; Loe, F. C.
Sens. Actuator B-Chem. **B123**, 168-176 (2007).
9313. Quartz crystal microbalance biosensor design
Joensson, M.; Anderson, H.; Lindberg, U.; Aastrup, T.
Sens. Actuator B-Chem. **B123**, 21-26 (2007).
9314. MEMS fabricated cell electrophysiology biochip for in silico calcium measurements
ul Haque, A.; Rokkam, M.; De Carlo, A. R.; Wereley, S. T.; Roux, S. J.; Irazoqui, P. P.; Porterfield, D. M. A.
Sens. Actuator B-Chem. **B123**, 391-399 (2007).
9315. Amperometric detection of nitrite, iodate and periodate at glassy carbon electrode modified with catalase and multi-wall carbon nanotubes
Salimi, A.; Noorbakhsh, A.; Ghadermarzi, M.
Sens. Actuator B-Chem. **B123**, 530-537 (2007).
9316. Reconstitution of ion channels in agarose-supported silicon orifices
Maurer, J. A.; White, V. E.; Dougherty, D. A.; Nadeau, J. L.
Biosens. Bioelectron. **22**, 2577-2584 (2007).
9317. Flow sandwich-type immunoassay in microfluidic devices based on negative dielectrophoresis
Yasukawa, T.; Suzuki, M.; Sekiya, T.; Shiku, H.; Matsue, T.
Biosens. Bioelectron. **22**, 2730-2736 (2007).
9318. Target delivery in a microfluidic immunosensor
Golden, J. P.; Floyd-Smith, T. M.; Mott, D. R.; Ligler, F. S.
Biosens. Bioelectron. **22**, 2763-2767 (2007).
9319. The effects of tool surface quality in micro-injection moulding
Griffiths, C. A.; Dimov, S. S.; Brousseau, E. B.; Hoyle, R. T.
J. Mater. Process. Technol. **189**, 418-427 (2007).
9320. Automatic *in vitro* determination of hypochlorous acid scavenging capacity exploiting multisyringe flow injection analysis and chemiluminescence
Magalhaes, L. M.; Segundo, M. A.; Reis, S.; Lima, J. L. F. C.; Estela, J. M.; Cerda, V.
Anal. Chem. **79**, 3933-3939 (2007).
9321. Turbulent flow and ternary column-switching on-line clean-up system for high-throughput quantification of risperidone and its main metabolite in plasma by LC-MS/MS. Application to a bioequivalence study
Kousoulos, C.; Dotsikas, Y.; Loukas, Y. L.
Talanta **72**, 360-367 (2007).
9322. Flow Photolysis for Spatiotemporal Stimulation of Single Cells
Beta, C.; Wyatt, D.; Rappel, W.-J.; Bodenschatz, E.
Anal. Chem. **79**, 3940-3944 (2007).
9323. Online Preconcentration by Transient Isotachophoresis in Linear Polymer on a Poly(methyl methacrylate) Microchip for Separation of Human Serum Albumin Immunoassay Mixtures
Mohamadi, M. R.; Kaji, N.; Tokeshi, M.; Baba, Y.
Anal. Chem. **79**, 3667-3672 (2007).
9324. On-Chip Surface-Based Detection with Nanohole Arrays
De Leebeck, A.; Kumar, L. K. S.; De Lange, V.; Sinton, D.; Gordon, R.; Brolo, A. G.
Anal. Chem. **79**, 4094-4100 (2007).
9325. On-line preconcentration of palladium(II) using a microcolumn packed with a chelating resin, and its subsequent determination by graphite furnace atomic absorption spectrometry
Bosch Ojeda, C.; Sanchez Rojas, F.; Manuel Cano Pavon, J.
Microchim. Acta **158**, 103-110 (2007).
9326. Direct Automatic Determination of Bitterness and Total Phenolic Compounds in Virgin Olive Oil Using a pH-Based Flow-Injection Analysis System
Garcia-Mesa, J. A.; Mateos, R.
J. Agr. Food Chem. **55**, 3863-3868 (2007).
9327. Flow Injection Analysis of H₂O₂ in Natural Waters Using Acridinium Ester Chemiluminescence: Method Development and Optimization Using a Kinetic Model
King, D. W.; Cooper, W. J.; Rusak, S. A.; Peake, B. M.; Kiddle, J. J.; O'Sullivan, D. W.; Melamed, M. L.; Morgan, C. R.; Theberge, S. M.
Anal. Chem. **79**, 4169-4176 (2007).
9328. Two-dimensional concentration distribution for mixing-controlled bioreactive transport in steady state
Cirpka, O. A.; Valocchi, A. J.
Adv. Water Resour. **30**, 1668-1679 (2007).
9329. New developments in flow injection/sequential injection on-line separation and preconcentration coupled with electrothermal atomic absorption spectrometry for trace metal analysis
Wang, Y.; Chen, M.-L.; Wang, J.-H.
Appl. Spectrosc. Rev. **42**, 103-118 (2007).
9330. Determination of melatonin in rat pineal gland and drug with flow-injection chemiluminescence
Wei, S.-L.; Zhao, L.-X.; Cheng, X.-L.; Lin, J.-M.
Chinese J. Chem. **25**, 535-541 (2007).
9331. Quartz crystal microbalance immunosensor for the detection of antibodies to double-stranded DNA
Fakhrullin, R. F.; Vinter, V. G.; Zamaleeva, A. I.; Matveeva, M. V.; Kourbanov, R. A.; Temesgen, B. K.; Ishmukanetova, D. G.; Abramova, Z. I.; Konovalova, O. A.; Salakhov, M. K.
Anal. Bioanal. Chem. **388**, 367-375 (2007).
9332. Catalytic behavior of tris(2,2'-bipyridine)iron(II) complex in chemiluminescence reaction of luminol in reversed micellar medium of cetyltrimethylammonium chloride
Fujiwara, T.; Mohammadzai, I. U.; Kitayama, K.; Funazumi, Y.; Kumamaru, T.
J. Colloid Interf. Sci. **310**, 682-685 (2007).
9333. Robust monolithic silica-based on-chip electro-osmotic micro-pump
Nie, F.-Q.; Macka, M.; Barron, L.; Connolly, D.; Kent, N.; Paull, B.
Analyst **132**, 417-424 (2007).
9334. Highly sensitive flow injection detection of hydrogen peroxide with high throughput using a carbon nanofiber-modified electrode
Wu, L.; Zhang, X.; Ju, H.
Analyst **132**, 406-408 (2007).
9335. A thionine functionalized multiwalled carbon nanotube modified electrode for the determination of hydrogen peroxide
Jeykumari, D. R. S.; Ramaprabhu, S.; Narayanan, S. S.
Carbon **45**, 1340-1353 (2007).
9336. Mutual Diffusion Coefficients for Binary Aqueous Solutions of Arsenous, Arsenic, and Malonic Acids
Leaist, D. G.
Journal of Chemical & Engineering Data **52**, 1319-1325 (2007).
9337. Micro determination of ascorbic acid using methyl viologen

- Janghel, E. K.; Gupta, V. K.; Rai, M. K.; Rai, J. K. *Talanta* **72**, 1013-1016 (2007).
9338. Flow injection analysis of ethyl xanthate by in-line dialysis and UV spectrophotometric detection
Fontenele, R. S.; Hidalgo, P.; Gutz, I. G. R.; Pedrotti, J. J. *Talanta* **72**, 1017-1022 (2007).
9339. Determination of picloram in natural waters employing sequential injection square wave voltammetry using the hanging mercury drop electrode
dos Santos, L. B. O.; Masini, J. C. *Talanta* **72**, 1023-1029 (2007).
9340. Flow injection-chemiluminescence determination of sulfadiazine in compound naristillae
Liu, H.; Ren, J.; Hao, Y.; He, P.; Fang, Y. *Talanta* **72**, 1036-1041 (2007).
9341. A flow injection chemiluminescence method for the determination of fluoroquinolone derivative using the reaction of luminol and hydrogen peroxide catalyzed by gold nanoparticles
Wang, L.; Yang, P.; Li, Y.; Chen, H.; Li, M.; Luo, F. *Talanta* **72**, 1066-1072 (2007).
9342. Use of tetramethylbenzidine for the spectrophotometric sequential injection determination of free chlorine in waters
Mesquita, R. B. R.; Noronha, M. L. F. O. B.; Pereira, A. I. L.; Santos, A. C. F.; Torres, A. F.; Cerdá, V.; Rangel, A. O. S. S. *Talanta* **72**, 1186-1191 (2007).
9343. Preconcentration of inorganic antimony(III) in environmental samples by PSTM-Dowex microcolumn and determination by FI-ETAAS
Rojas, F. S.; Ojeda, C. B.; Pavon, J. M. C. *Talanta* **72**, 951-956 (2007).
9344. Can sample treatments based on advanced oxidation processes assisted by high-intensity focused ultrasound be used for toxic arsenic determination in human urine by flow-injection hydride-generation atomic absorption spectrometry?
Correia, A.; Galesio, M.; Santos, H.; Rial-Otero, R.; Lodeiro, C.; Oehmen, A.; Conceicao, A. C. L.; Capelo, J. L. *Talanta* **72**, 968-975 (2007).
9345. Environmental Water Samples Analysis of Pesticides by Means of Chemometrics Combined with Fluorimetric Multioptosensing
Dominguez-Vidal, A.; Ortega-Barrales, P.; Molina-Diaz, A. *J. Fluoresc.* **17**, 271-277 (2007).
9346. Batch and flow-injection determination of catecholamines using ion selective electrodes
Wolyniec, E.; Wysocka, M.; Pruszynski, M.; Kojlo, A. *Instrum. Sci. Technol.* **35**, 241-253 (2007).
9347. Determination of urea in swimming pool water by continuous flow injection analysis
Li, H.-h.; Xu, X.-z.; Lin, C.-x.; Zhong, W.-y. *Huanjing Yu Jiankang Zazhi* **24**, 176-177 (2007).
9348. Determination of total hardness in water by air-segmented continuous flow analysis
Huang, W.-h.; Chen, F.; Cao, X.-l. *Huanjing Yu Jiankang Zazhi* **24**, 52-53 (2007).
9349. Mercury concentration of four dominant species in the Bebar peat swamp forest river, Malaysia
Kamaruzzaman, B. Y.; Ong, M. C.; Khali, A. H. *Pakistan Journal of Biological Sciences* **10**, 1103-1107 (2007).
9350. Subsecond FFT-adsorptive voltammetric technique as a novel method for subnano level monitoring of piroxicam in its tablets and bulk form at Au microelectrode in flowing solutions
Norouzi, P.; Ganjali, M. R.; Labbafi, S.; Mohammadi, A. *Anal. Lett.* **40**, 747-762 (2007).
9351. On the effect of hydrogen peroxide on the flow-injection determination of platinum based on luminol chemiluminescent reaction
Malejko, J.; Milewska, R.; Lesniewska, B.; Godlewskaya-Zylkiewicz, B.; Kojlo, A. *Anal. Lett.* **40**, 961-973 (2007).
9352. Flow injection on-line solid phase extraction-flame atomic absorption spectrometry for the indirect analysis of levofloxacin
Ning, M.-Z.; Zhang, Z.-Q.; Kang, L.-P. *Atom. Spectrosc.* **28**, 58-61 (2007).
9353. Total inorganic Se and Te preconcentration and their determination by on-line coupling of a solid-phase extraction procedure with HG-AAS
Gil, R. A.; Kaplan, M. M.; Salonia, J. A.; Gasquez, J. A.; Martinez, L. D. *Atom. Spectrosc.* **28**, 67-72 (2007).
9354. Electrochemiluminescence from successive electro- and chemo-oxidation of rifampicin and its application to the determination of rifampicin in pharmaceutical preparations and human urine
Liang, Y.-D.; Song, J.-F.; Xu, M. *Spectrochim. Acta A* **67A**, 430-436 (2007).
9355. Kinetic method for determination of ascorbic acid on flow injection system by using its catalytic effect on the complexation reaction of an ultra sensitive colorimetric reagent of porphyrin with Cu(II)
Liu, J.; Itoh, J.-I. *Spectrochim. Acta A* **67A**, 455-459 (2007).
9356. Molecularly imprinted online solid-phase extraction combined with flow-injection chemiluminescence for the determination of chlortetracycline hydrochloride
Yang, C.-Y.; Xiong, Y.; He, C.; Zhang, Z.-J. *Yingyong Huaxue* **24**, 273-277 (2007).
9357. Development a new method for the determination of paromomycin in trace amounts by fast Fourier continuous cyclic voltammetry at an Au microelectrode in a flowing system
Ganjali, M. R.; Norouzi, P.; Daneshgar, P.; Sepehri, A. *Sens. Actuator B-Chem.* **B123**, 1125-1132 (2007).
9358. Continuous sampling and analysis by on-chip liquid/solid chromatography
Schlund, M.; Gilbert, S. E.; Schnydrig, S.; Renaud, P. *Sens. Actuator B-Chem.* **B123**, 1133-1141 (2007).
9359. On-chip microfluidic transport and bio/chemical sensing based on electrochemical bubble formation
Satoh, W.; Shimizu, Y.; Kaneto, T.; Suzuki, H. *Sens. Actuator B-Chem.* **B123**, 1153-1160 (2007).
9360. A rapid field-free electroosmotic micropump incorporating charged microchannel surfaces
Joo, S.; Chung, T. D.; Kim, H. C. *Sens. Actuator B-Chem.* **B123**, 1161-1168 (2007).
9361. Mediatorless catalytic oxidation of NADH at a disposable electrochemical sensor
Prasad, K. S.; Chen, J.-C.; Ay, C.; Zen, J.-M. *Sens. Actuator B-Chem.* **B123**, 715-719 (2007).
9362. Studies of metal ion binding by apo-metallothioneins attached onto preformed self-assembled monolayers using a highly sensitive surface plasmon resonance spectrometer
Zhang, Y.; Xu, M.; Wang, Y.; Toledo, F.; Zhou, F. *Sens. Actuator B-Chem.* **B123**, 784-792 (2007).
9363. A molecularly imprinted polymer for carbaryl determination in water
Sanchez-Barragan, I.; Karim, K.; Costa-Fernandez, J. M.; Piletsky, S. A.; Sanz-Medel, A. *Sens. Actuator B-Chem.* **B123**, 798-804 (2007).

9364. Arsenic in marine tissues - The challenging problems to electrothermal and hydride generation atomic absorption spectrometry
Karadjova, I. B.; Petrov, P. K.; Serafimovski, I.; Stafilov, T.; Tsalev, D. L.
Spectrochim. Acta B **62B**, 258-268 (2007).
9365. Improved microwave-assisted wet digestion procedures for accurate Se determination in fish and shellfish by flow injection-hydride generation-atomic absorption spectrometry
Lavilla, I.; Gonzalez-Costas, J. M.; Bendicho, C.
Anal. Chim. Acta **591**, 225-230 (2007).
9366. Flow injection determination of anisidine value in palm oil samples using a triiodide potentiometric detector
Saad, B.; Wai, W. T.; Lim, B. P.; Saleh, M. I.
Anal. Chim. Acta **591**, 248-254 (2007).
9367. Amylose and amylopectin as reagents for the flow-injection determination of elemental iodine
Kuznetsov, V. V.; Ermolenko, Yu. V.; Seffar, L.
J. Anal. Chem. **62**, 479-485 (2007).
9368. Stepwise injection analysis as a new method of flow analysis
Mozzhukhin, A. V.; Moskvin, A. L.; Moskvin, L. N.
J. Anal. Chem. **62**, 475-478 (2007).
9369. Flow injection technique for biochemical analysis with chemiluminescence detection in acidic media
Chen, J.; Fang, Y.
Sensors **7**, 448-458 (2007).
9370. Study on a new method for determining trace amounts of manganese(II) in water by flow-injection catalytic kinetic spectrophotometry
Li, H.; Zhang, X.-s.; Zou, Y.-q.; Xie, Y.-h.
Guangpuxue Yu Guangpu Fenxi **27**, 785-788 (2007).
9371. Determination of diltiazem hydrochloride by flow injection post chemiluminescence
Gao, Shen-xia; Lu, Jiu-ru.
Fenxi Shiyanshi **26**, 21-24 (2007).
9372. Determination of potassium penicillin G by flow injection analysis with chemiluminescence detection
Zhang, Z.-j.; Fan, R.-l.
Fenxi Shiyanshi **26**, 97-99 (2007).
9373. Microfluidic Thermodynamics of the Shift in Thermal Stability of DNA Duplex in a Microchannel Laminar Flow
Yamashita, K.; Miyazaki, M.; Yamaguchi, Y.; Nakamura, H.; Maeda, H.
J. Phys. Chem. B **111**, 6127-6133 (2007).
9374. Non-chromatographic hydride generation atomic spectrometric techniques for the speciation analysis of arsenic, antimony, selenium, and tellurium in water samples - a review
Kumar, A. R.; Riyazuddin, P.
Int. J. Environ. An. Ch. **87**, 469-500 (2007).
9375. Recent methodological advances in the analysis of nitrite in the human circulation: Nitrite as a biochemical parameter of the L-arginine/NO pathway
Grau, M.; Hendgen-Cotta, U. B.; Brouzos, P.; Drexhage, C.; Rassaf, T.; Lauer, T.; Dejam, A.; Kelm, M.; Kleinbongard, P.
J. Chromatogr. B **851**, 106-123 (2007).
9376. Flow injection analysis of blood L-lactate by using a Prussian Blue-based biosensor as amperometric detector
Lowinsohn, D.; Bertotti, M.
Anal. Biochem. **365**, 260-265 (2007).
9377. Analytical methodologies for reliable sulfide determinations in aqueous matrices exploiting flow-based approaches
Ferrer, L.; Miro, M.; Estela, J. M.; Cerda, V.
TrAC-Trends Anal. Chem. **26**, 413-422 (2007).
9378. Investigation on the interaction of tetrachloride fluorescein-bovine serum albumin- β -cyclodextrin and the determination of protein by flow injection analysis
Zhu, X.; Hu, Y.; Gong, A.
Anal. Chim. Acta **592**, 24-29 (2007).
9379. Flow injection fluorimetric determination of L-DOPA and dopamine based on a photochemical inhibition process
Perez-Ruiz, T.; Martinez Lozano, C.; Tomas, V.; Ruiz, E.
Microchim. Acta **158**, 299-305 (2007).
9380. Online separation and preconcentration of trace heavy metals with 2,6-dihydroxyphenyl-diazoaminoazobenzene impregnated Amberlite XAD-4
Liu, Y.; Guo, Y.; Meng, S.; Chang, X.
Microchim. Acta **158**, 239-245 (2007).
9381. Online biochemical detection of glutathione-S-transferase P1-specific inhibitors in complex mixtures
Kool, J.; Eggink, M.; Van Rossum, H.; Van Liempd, S. M.; Van Elswijk, D. A.; Irth, H.; Commandeur, J. N. M.; Meerman, J. H. N.; Vermeulen, N. P. E.
J. Biomol. Screen. **12**, 396-405 (2007).
9382. Square-wave adsorptive-stripping voltammetric detection in the quality control of fluoxetine
Nouws, H. P. A.; Delerue-Matos, C.; Barros, A. A.; Rodrigues, J. A.; Santos-Silva, A.; Borges, F.
Anal. Lett. **40**, 1131-1146 (2007).
9383. Determination of Chondroitin Sulfate by Thiazine Dyes using Flow Injection Analysis with Spectrophotometric Detection
Pospichal, R.; Nesmerak, K.; Rychlovsky, P.; Nemcova, I.
Anal. Lett. **40**, 1167-1175 (2007).
9384. Determination of Thyroxine Using Tris(2,2'-Bipyridyl)Ruthenium(III)-NADH Enhanced Electrochemiluminescence Detection
Waseem, A.; Yaqoob, M.; Nabi, A.; Greenway, G. M.
Anal. Lett. **40**, 1071-1083 (2007).
9385. Potentiometric batch and flow injection analysis of betaine hydrochloride
Badawy, S. S.; Youssef, A. F. A.; Mutair, A. A.
Ann. Chimi. **97**, 213-225 (2007).
9386. Flow injection chemiluminescence determination of imipramine in tablets, human plasma and urine samples based upon oxidation with singlet oxygen generated in N-bromosuccinimide-hydrogen peroxide reaction
Hao, L.; Du, J.; Lu, J.
Anal. Sci. **23**, 597-600 (2007).
9387. Exploiting sequential injection analysis with lab-on-valve and miniaturized potentiometric detection. Epinephrine determination in pharmaceutical products
Amorim, C. G.; Araujo, A. N.; Montenegro, M. C. B. S. M.
Talanta **72**, 1255-1260 (2007).
9388. On-line sample digestion using an electromagnetic heating column for the determination of zinc and manganese in tea leaf by flame atomic absorption spectrometry
Han, S.-P.; Gan, W.-E.; Su, Q.-D.
Talanta **72**, 1481-1486 (2007).
9389. Calix[4]pyrrole-TCBQ assembly: a signal magnifier of TCBQ for colorimetric determining amino acids and amines
Liu, K.; He, L.; He, X.; Guo, Y.; Shao, S.; Jiang, S.
Tetrahedron Lett. **48**, 4275-4279 (2007).
9390. Sequential measurement of aminotransferase activities by amperometric biosensors
Chang, K.-S.; Chang, C.-K.; Chou, S.-F.; Chen, C.-Y.
Biosens. Bioelectron. **22**, 2914-2920 (2007).
9391. Microfluidic conductimetric bioreactor
Limbut, W.; Loyprasert, S.; Thammakhet, C.; Thavarungkul, P.; Tuantranont, A.; Asawatreratanakul, P;

- Limsakul, C.; Wongkittisuksa, B.; Kanatharana, P. *Biosens. Bioelectron.* **22**, 3064-3071 (2007).
9392. Electrochemical immunoassay on a microfluidic device with sequential injection and flushing functions
Nashida, N.; Satoh, W.; Fukuda, J.; Suzuki, H. *Biosens. Bioelectron.* **22**, 3167-3173 (2007).
9393. Concentration dependence of IgG-protein A affinity studied by wireless-electrodeless QCM
Ogi, H.; Motohisa, K.; Hatanaka, K.; Ohmori, T.; Hirao, M.; Nishiyama, M. *Biosens. Bioelectron.* **22**, 3238-3242 (2007).
9394. Determination of ketotifen by using calcein as chemiluminescence reagent
Nie, F.; Lu, J. *Anal. Chim. Acta* **592**, 168-172 (2007).
9395. Flow-injection determination of zidovudine in plasma samples using multivariate curve resolution
Checa, A.; Oliver, R.; Hernandez-Cassou, S.; Saurina, J. *Anal. Chim. Acta* **592**, 173-180 (2007).
9396. Automatic flow system for sequential determination of ABTS⁺ scavenging capacity and Folin-Ciocalteu index: A comparative study in food products
Magalhaes, L. M.; Segundo, M. A.; Reis, S.; Lima, J. L. F. C.; Toth, I. V.; Rangel, A. O. S. S. *Anal. Chim. Acta* **592**, 193-201 (2007).
9397. Green analytical methodologies
Keith, L. H.; Gron, L. U.; Young, J. L. *Chem. Rev.* **107**, 2695-2708 (2007).
9398. The determination of tetracycline residues in food using a disposable screen-printed gold electrode (SPGE)
Masawat, P.; Slater, J. M. *Sens. Actuator B-Chem.* **B124**, 127-132 (2007).
9399. Carbon ceramic electrodes modified with laccase from Trametes hirsuta: fabrication, characterization and their use for phenolic compounds detection
Haghghi, B.; Rahmati-Panah, A.; Shleev, S.; Gorton, L. *Electroanalysis* **19**, 907-917 (2007).
9400. Evaluation of accuracy of electrochemical isoflavanoid index for the determination of total isoflavones in soy samples
Escarpa, A.; Gonzalez, M. C.; Blasco, A. J.; Rogerio, M. del C.; Hervas, M. *Electroanalysis* **19**, 952-957 (2007).
9401. Simultaneous determination of ascorbic acid and uric acid by using a PVC/TTF-TCNQ composite electrode as detector in a FIA system
Cano, M.; Palenzuela, B.; Avila, J. L.; Rodriguez-Amaro, R. *Electroanalysis* **19**, 973-977 (2007).
9402. Micro flow cytometer chip integrated with micro-pumps/micro-valves for multi-wavelength cell counting and sorting
Chang, C.-M.; Hsiung, S.-K.; Lee, G.-B. *Jpn. J. Appl. Phys.* **46**, 3126-3134 (2007).
9403. Optimization of a vapor generation method for metal determination using ICP-OES
Pena-Vazquez, E.; Villanueva-Alonso, J.; Bermejo-Barrera, P. *J. Anal. Atom. Spectrom.* **22**, 642-649 (2007).
9404. An electrochemical method for simultaneous detection and identification of Escherichia coli, Staphylococcus aureus and Salmonella choleraesuis using a glucose oxidase-peroxidase composite biosensor
Morales, M. D.; Serra, B.; Guzman-Vazquez de Prada, A.; Reviejo, A. J.; Pingarron, J. M. *Analyst* **132**, 572-578 (2007).
9405. Catalytic effect of ferricyanide between myoglobin and luminol and effect of temperature
Gao, X.; Liu, Y.; Song, Z. *Luminescence* **22**, 88-91 (2007).
9406. Flow injection-post chemiluminescence-method for the determination of amidopyrine with calcein-potassium ferricyanide system
He, Y.-H.; Lu, J.-R. *Fenxi Huaxue* **35**, 564-566 (2007).
9407. Determination of synephrine in weight-loss products using high performance liquid chromatography with acidic potassium permanganate chemiluminescence detection
Slezak, T.; Francis, P. S.; Anastas, N.; Barnett, N. W. *Anal. Chim. Acta* **593**, 98-102 (2007).
9408. Simple and selective flow injection catalytic determination of ruthenium with spectrophotometric detection
Razaei, B.; Majidi, N. *Journal of the Korean Chemical Society* **51**, 147-153 (2007).
9409. A miniaturized flow-injection analysis (μ FIA) system with on-line chemiluminescence detection for the determination of iron in estuarine water
Al-Gailani, B. R. M.; Greenway, G. M.; McCreedy, T. *Int. J. Environ. An. Ch.* **87**, 637-646 (2007).
9410. Development of an On-Line Flow Injection Sr/Matrix Separation Method for Accurate, High-Throughput Determination of Sr Isotope Ratios by Multiple Collector-Inductively Coupled Plasma-Mass Spectrometry
Galler, P.; Limbeck, A.; Boulyga, S. F.; Stingereder, G.; Hirata, T.; Prohaska, T. *Anal. Chem.*, **79**, 5023-5029 (2007).
9411. Study of structural changes of lactoferrin using flow injection analysis with electrochemical detection on glassy carbon electrode
Zitka, O.; Horna, A.; Stejskal, K.; Zehnalek, J.; Adam, V.; Havel, L.; Zeman, L.; Kizek, R. *Acta Chim. Slov.* **54**, 68-73 (2007).
9412. Determination of chlorogenic acid by flow injection irreversible biampferometry
Li, L. J.; Chen, Q. F.; Yu, L. B.; Zhong, Z. H.; Feng, J.; Cheng, H.; Kong, H. X.; Wu, J. L. *Chinese Chem. Lett.* **18**, 431-434 (2007).
9413. ⁸⁷Sr/⁸⁶Sr ratio: a natural tracer to monitor groundwater flow paths during artificial recharge in the Bangkok area, Thailand
Klaus, J. S.; Hansen, B. T.; Buapeng, S. *Hydrogeol. J.* **15**, 745-758 (2007).
9414. Separation and determination of three water-soluble compounds in Salvia miltiorrhiza Bunge and two related traditional medicinal preparations by flow injection-capillary electrophoresis
Liu, X.; Zhang, J.; Chen, X. *J. Chromatogr. B* **852**, 325-332 (2007).
9415. Enhancing chemical analysis with signal derivatization using simple available software packages
Jitmanee, K.; Jakmunee, J.; Lapanantnoppakhun, S.; Wangkarn, S.; Teshima, N.; Sakai, T.; Christian, G. D.; Grudpan, K. *Microchem. J.* **86**, 195-203 (2007).
9416. Rapid assay of picogram level of sudan I in hot chilli sauce by flow injection chemiluminescence
Gao, X.; Liu, H.; Song, Z.; He, X.; Dong, F. *Spectroscopy* **21**, 135-141 (2007).
9417. Flow Injection Amperometric Detection of 2'-Deoxyguanosine at a Ruthenium Oxide Hexacyanoferrate Modified Electrode
Paixao, T. R. L. C.; Garcia, C. C. M.; Medeiros, M. H. G.; Bertotti, M. *Anal. Chem.* **79**, 5392-5398 (2007).

9418. Miniaturized flow-injection-analysis (μ FIA) system with on-line chemiluminescence detection based on the luminol-hypochlorite reaction for the determination of ammonium in river water
Al-Gailani, B. R. M.; Greenway, G. M.; McCready, T.
Int. J. Environ. An. Ch. **87**, 425-436 (2007).
9419. Study of the absence of recondensation with low liquid delivery rates by using a cavity sheathing gas in inductively coupled plasma-atomic emission spectrometry
Lagomarsino, C.; Grotti, M.; Todoli, J. L.; Mermet, J. M.
J. Anal. Atom. Spectrom. **22**, 523-531 (2007).
9420. On-line preconcentration cold vapour atomic absorption spectrometry for the determination of trace mercury in edible seaweeds
Fernandez-Fernandez, A. M.; Moreira-Pineiro, A.; Bermejo-Barrera, P.
J. Anal. Atom. Spectrom. **22**, 573-577 (2007).
9421. Versatile Flow Injection System for Spectrophotometric Determination of Silicon in Agronomic Samples
Carneiro, J. M. T.; Rossete, A. L. R. M.; Oliveira, G. S.; Bendassolli, J. A.
Commun. Soil Sci. Plant Anal. **38**, 1411-1423 (2007).
9422. Determination of amoxicillin by flow injection analysis using UV-detection, potentiometry, and conductometry in pharmaceutical preparations
Altiokka, G.; Can, N. O.; Aboul-Enein, H. Y.
J. Liq. Chromatogr. R. T. **30**, 1333-1341 (2007).
9423. Determination of three fluoroquinolone drugs by flow injection chemiluminescence
Li, Y.-H.; Lu, J.-R.
Fenxi Huaxue **35**, 743-746 (2007).
9424. On-line sorption-based systems for determination of cadmium with atomic spectrometry detectors
Pyrzynska, K.; Kilian, K.
Water Res. **41**, 2839-2851 (2007).
9425. Simultaneous determination of suspended particulate trace metals (Co, Ni, Cu, Zn, Cd and Pb) in seawater with small volume filtration assisted by microwave digestion and flow injection inductively coupled plasma mass spectrometer
Nakatsuka, S.; Okamura, K.; Norisuye, K.; Sohrin, Y.
Anal. Chim. Acta **594**, 52-60 (2007).
9426. Flow-injection interface for on-line coupling solid-phase extraction and X-ray fluorescence measurements
Perez-Serradilla, J. A.; Luque de Castro, M. D.
Anal. Chim. Acta **594**, 69-74 (2007).
9427. The efficiency of a microcolumn of rice bran for on-line trace enrichment in FI-AAS, a highly selective system for on-line preconcentration and determination of copper
Dadfarnia, S.; Shabani, A. M. H.; Gohari, M.
J. Chin. Chem. Soc. **54**, 453-458 (2007).
9428. Detection of para influenza and influenza A viruses using flow-injection amperometric immunosensor
Siddikov, R. A.; Wilkins, E.
Journal of Applied Research **7**, 108-126 (2007).
9429. Oxides of platinum metal group as potential catalysts in carbonaceous amperometric biosensors based on oxidases
Kotzian, P.; Brazdilova, P.; Kalcher, K.; Handlir, K.; Vytras, K.
Sens. Actuator B-Chem. **B124**, 297-302 (2007).
9430. Method for Quantification of Chemicals in a Pollution Plume Using a Moving Membrane-Based Sensor Exemplified by Mass Spectrometry
Janfelt, C.; Lauritsen, F. R.; Toler, S. K.; Bell, R. J.; Short, R. T.
Anal. Chem. **79**, 5336-5342 (2007).
9431. Online preconcentration and speciation of chromium by an 8-hydroxyquinoline microcolumn immobilized on surfactant-coated alumina and flow injection atomic absorption spectrometry
Ahmadi, S. H.; Shabani, A. M. H.; Dadfarnia, S.; Taei, M.
Turk. J. Chem. **31**, 191-199 (2007).
9432. Study on simultaneous determination of Se and As by the sequential injection hydride generation atomic fluorescence spectrometry
Xu, W.-J.
Fenxi Shiyanshi **26**, 42-45 (2007).
9433. Fiber-packed needle for dynamic extraction of aromatic compounds
Ogawa, M.; Saito, Y.; Ueta, I.; Jinno, K.
Anal. Bioanal. Chem. **388**, 619-625 (2007).
9434. Fast ultrasound-assisted extraction of copper, iron, manganese and zinc from human hair samples prior to flow injection flame atomic absorption spectrometric detection
Yebra-Biurrun, M. C.; Cespon-Romero, R. M.
Anal. Bioanal. Chem. **388**, 711-716 (2007).
9435. A comparative study of two sorbents for copper in a flow injection preconcentration system
Lemos, V. A.; Santos, E. S.; Gama, E. M.
Sep. Purif. Technol. **56**, 212-219 (2007).
9436. Liquid chromatographic method with amperometric detection to determine acteoside in rat blood and brain microdialysates and its application to pharmacokinetic study
Wu, Y.-T.; Tsai, T.-R.; Lin, L.-C.; Tsai, T.-H.
J. Chromatogr. B **853**, 281-286 (2007).
9437. Phosphite Determination in Fertilizers after Online Sequential Sample Preparation in a Flow Injection System
Dametto, P. R.; Pezza Franzini, V.; Gomes Neto, J. A.
J. Agr. Food Chem. **55**, 5980-5983 (2007).
9438. Determination of inorganic arsenic species in natural waters by flow injection hydride generation atomic absorption spectrometry
Talebi, S. M.; Habib-Ollahi, S.
Asian Journal of Microbiology, Biotechnology & Environmental Sciences **9**, 27-30 (2007).
9439. Metabolic fingerprinting using direct flow injection electrospray ionization tandem mass spectrometry for the characterization of proanthocyanidins from the barks of Hancornia speciosa
Rodrigues, C. M.; Rinaldo, D.; dos Santos, L. C.; Montoro, P.; Piacente, S.; Pizza, C.; Hiruma-Lima, C. A.; Brito, A. R. M. S.; Vilegas, W.
Rapid Commun. Mass Sp. **21**, 1907-1914 (2007).
9440. Determination of proteins in human serum by combination of flow injection sampling with resonance light scattering technique
Dong, L.; Li, Y.; Zhang, Y.; Chen, X.; Hu, Z.
Microchim. Acta **159**, 49-55 (2007).
9441. On-line concentration by head-column field amplified sample injection for the analysis of berberine, palmatine, and jatrorrhizine in herbal medicine by flow injection-micellar electrokinetic chromatography
Liu, L.; Chen, X.; Hu, Z.
Microchim. Acta **159**, 125-131 (2007).
9442. Fabrication of a fiberglass-packed channel in a microchip for flow injection analysis
Chen, G.; Guo, J.; Xu, X.
Microchim. Acta **159**, 191-199 (2007).
9443. Development of a flow injection method for monitoring cell membrane damage of wine lactic acid bacteria
Torres, A. F.; Mesquita, P. A. R.; Campos, F. M.; Couto, J. A.; Toth, I. V.; Rangel, A. O. S. S.; Hogg, T. A.
Microchim. Acta **159**, 87-93 (2007).
9444. Tris(2,2'-bipyridyl)ruthenium(II)

- electrochemiluminescence sensor based on carbon nanotube/organically modified silicate films
Tao, Y.; Lin, Z.-J.; Chen, X.-M.; Chen, X.; Wang, X.-R.
Anal. Chim. Acta **594**, 169-174 (2007).
9445. Ultra-sensitive Flow Injection Analysis (FIA) determination of calcium in ice cores at ppt level
Traversi, R.; Becagli, S.; Castellano, E.; Maggi, V.; Morganti, A.; Severi, M.; Udisti, R.
Anal. Chim. Acta **594**, 219-225 (2007).
9446. Simultaneous determination of antioxidants, preservatives and sweetener additives in food and cosmetics by flow injection analysis coupled to a monolithic column
Garcia-Jimenez, J. F.; Valencia, M. C.; Capitan-Vallvey, L. F.
Anal. Chim. Acta **594**, 226-233 (2007).
9447. Flow injection determination of choline in milk hydrolysates by an immobilized enzyme reactor coupled to a selective hydrogen peroxide amperometric sensor
Pati, S.; Quinto, M.; Palmisano, F.
Anal. Chim. Acta **594**, 234-239 (2007).
9448. Enhanced electrochemiluminescence sensor from tris(2,2'-bipyridyl)ruthenium(II) incorporated into MCM-41 and an ionic liquid-based carbon paste electrode
Li, J.; Huang, M.; Liu, X.; Wei, H.; Xu, Y.; Xu, G.; Wang, E.
Analyst **132**, 687-691 (2007).
9449. Hypochlorite sensor using amino-group-modified carbon electrode
Watanabe, H.; Uchiyama, S.
Bunseki Kagaku **56**, 433-437 (2007).
9450. An alternative interface for a flow injection-capillary electrophoresis system with electrokinetic injection
Teshima, N.; Hino, T.; Sakai, T.
Anal. Sci. **23**, 751-753 (2007).
9451. Simultaneous speciation of inorganic arsenic and antimony in natural waters by dimercaptosuccinic acid modified mesoporous titanium dioxide micro-column on-line separation and inductively coupled plasma optical emission spectrometry determination
Huang, C.; Hu, B.; Jiang, Z.
Spectrochim. Acta B **62B**, 454-460 (2007).
9452. The annular glow discharge: a small-scale plasma for solution analysis
Webb, M. R.; Andrade, F. J.; Hieftje, G. M.
J. Anal. Atom. Spectrom. **22**, 775-782 (2007).
9453. Development of an immunosensor based on surface plasmon resonance for enumeration of *Escherichia coli* in water samples
Dudak, F. C.; Boyaci, I. H.
Food Res. Int. **40**, 803-807 (2007).
9454. Polyelectrolyte-functionalized ionic liquid for electrochemistry in supporting electrolyte-free aqueous solutions and application in amperometric flow injection analysis
Shen, Y.; Zhang, Y.; Qiu, X.; Guo, H.; Niu, L.; Ivaska, A.
Green Chem. **9**, 746-753 (2007).
9455. Comparison of Plackett-Burman and supersaturated designs in robustness testing
Dejaegher, B.; Dumarey, M.; Capron, X.; Bloomfield, M. S.; Vander Heyden, Y.
Anal. Chim. Acta **595**, 59-71 (2007).
9456. A Simple Flow-injection Spectrofluorimetric Method for the Determination of Mercury
Andac, M.; Asan, A.; Tinkilic, N.; Isildak, I.
J. Fluoresc. **17**, 401-405 (2007).
9457. New Fluorescent Antitumour Cisplatin Analogue Complexes. Study of the Characteristics of their Binding to DNA by Flow Injection Analysis
Alonso, A.; Almendral, M. J.; Curto, Y.; Criado, J. J.; Rodriguez, E.; Manzano, J. L.
J. Fluoresc. **17**, 390-400 (2007).
9458. Simultaneous spectrophotometric determination of copper(II) and zinc(II) based on their kinetic separation in flow-injection systems
Shpigun, L. K.; Shushenachev, Ya. V.; Kamilova, P. M.
J. Anal. Chem. **62**, 623-631 (2007).
9459. Flow-injection spectrophotometry of nitrites based on the diazotization reactions of azine dyes
Kuznetsov, V. V.; Zemyatova, S. V.
J. Anal. Chem. **62**, 637-644 (2007).
9460. Flow-injection determination of iodide with a silver electrode
Kuleshova, N. V.; Kornilova, S. V.; Pashanova, S. O.
J. Anal. Chem. **62**, 683-687 (2007).
9461. A critical comparison of analytical flow systems exploiting streamlined and pulsed flows
Dias, A. C. B.; Santos, J. L. M.; Lima, J. L. F. C.; Quintella, C. M.; Lima, A. M. V.; Zagatto, E. A. G.
Anal. Bioanal. Chem. **388**, 1303-1310 (2007).
9462. A sensitive chemiluminescence method for determination of hydroquinone and catechol
Zhao, L.; Lv, B.; Yuan, H.; Zhou, Z.; Xiao, D.
Sensors **7**, 578-588 (2007).
9463. Flow injection chemiluminescent detection of gallic acid in olive fruits
Wang, X.; Wang, J.; Yang, N.
Food Chem. **105**, 340-345 (2007).
9464. Peristaltic piezoelectric micropump system for biomedical applications
Jang, L.-S.; Kan, W.-H.
Biomed. Microdevices **9**, 619-626 (2007).
9465. Sequential-injection on-line preconcentration using chitosan resin functionalized with 2-amino-5-hydroxy benzoic acid for the determination of trace elements in environmental water samples by inductively coupled plasma-atomic emission spectrometry
Sabarudin, A.; Lenghor, N.; Oshima, M.; Hakim, L.; Takayanagi, T.; Gao, Y.-H.; Motomizu, S.
Talanta **72**, 1609-1617 (2007).
9466. Flow-injection spectrofluorometric determination of trace amounts of formaldehyde in water after derivatization with acetoacetanilide
Li, Q.; Oshima, M.; Motomizu, S.
Talanta **72**, 1675-1680 (2007).
9467. Field speciation of chromium with a sequential injection lab-on-valve incorporating a bismuthate immobilized micro-column
Yang, M.; Li, J.-X.; Wang, J.-H.
Talanta **72**, 1710-1716 (2007).
9468. Determination of fenoterol and salbutamol in pharmaceutical formulations by electrogenerated chemiluminescence
Lindino, C. A.; Bulhoes, L. O. S.
Talanta **72**, 1746-1751 (2007).
9469. Photoelectro-synergistic catalysis combined with a FIA system application on determination of chemical oxygen demand
Li, J.; Zheng, L.; Li, L.; Shi, G.; Xian, Y.; Jin, L.
Talanta **72**, 1752-1756 (2007).
9470. Application of Ag_2X ($\text{X}=\text{SO}_3^{2-}$, $\text{Cr}_2\text{O}_7^{2-}$, $\text{C}_2\text{O}_4^{2-}$ and CO_3^{2-}) solid-phase reagents for indirect determination of cyanide in the industrial effluent using FIA-FAAS system
Noroozifar, M.; Khorasani-Motlagh, M.; Zare-Dorabei, R.
Talanta **72**, 1773-1778 (2007).
9471. Flow injection chemiluminescence detection and solvent

- extraction for human skin ointment dexamethasone acetate absorption analysis and the reaction mechanism study
Wu, F.; Lv, J.
Talanta **72**, 1811-1817 (2007).
9472. A simple method for water discrimination based on an light emitting diode (LED) photometer
Fonseca, A.; Raimundo, I. M.
Anal. Chim. Acta **596**, 66-72 (2007).
9473. Development of a sequential injection analysis system for monitoring of trehalose concentrations
Rhee, J. I.
Biotechnol. Bioprocess Eng. **12**, 289-294 (2007).
9474. Immunoassay on a Power-Free Microchip with Laminar Flow-Assisted Dendritic Amplification
Hosokawa, K.; Omata, M.; Maeda, M.
Anal. Chem. **79**, 6000-6004 (2007).
9475. Determination of trace ruthenium by on-line concentration and spectrofluorimetric method using a teflon capillary tube
Arkin, I.; Chen, J.; Watanabe, K.
Fenxi Huaxue **35**, 873-876 (2007).
9476. Applications of flow injection knotted reactor on-line separation and preconcentration coupled with atomic spectrometry
Wu, H.; Jin, Y.; Tian, Y.; Bi, S.-P.
Fenxi Huaxue **35**, 905-911 (2007).
9477. Simultaneous determination of iron, copper and cobalt in food by diode array detection-flow injection analysis using partial least squares calibration model
Mi, J.-p.; Li, Y.-q.; Zou, X.-l.; Zheng, B.; Yang, J.-g.
Guangpuxue Yu Guangpu Fenxi **27**, 1188-1191 (2007).
9478. Sensitive determination of ketoprofen using flow injection with chemiluminescence detection
Zhuang, Y.; Song, H.
J. Pharm. Biomed. Anal. **44**, 824-828 (2007).
9479. Determination of lead with GFAAS using online flow injection
Chen, Z.-l.
Guangpuxue Yu Guangpu Fenxi **27**, 1243-1245 (2007).
9480. Analytical applications of glassy carbon electrodes modified with multi-wall carbon nanotubes dispersed in polyethylenimine as detectors in flow systems
Arribas, A. S.; Bermejo, E.; Chicharro, M.; Zapardiel, A.; Luque, G. L.; Ferreyra, N. F.; Rivas, G. A.
Anal. Chim. Acta **596**, 183-194 (2007).
9481. A sensitive chemiluminescence procedure for the determination of carbon monoxide with myoglobin-luminol chemiluminescence system
Xie, X.; He, X.; Song, Z.
Appl. Spectrosc. **61**, 706-710 (2007).
9482. Feasibility of utilizing bioindicators for testing microbial inactivation in sweetpotato purees processed with a continuous-flow microwave system
Brinley, T. A.; Dock, C. N.; Truong, V.-D.; Coronel, P.; Kumar, P.; Simunovic, J.; Sandeep, K. P.; Cartwright, G. D.; Swartzel, K. R.; Jaykus, L.-A.
J. Food Sci. **72**, E235-E242 (2007).
9483. Determination of cimetidine by chemiluminescence method based on copper cation-hydrogen peroxide-rhodamine B reaction
He, S.-h.; He, D.-y.; Zhang, Z.-j.
Huaxue Yanjiu Yu Yingyong **19**, 42-45 (2007).
9484. Development of chemiluminescence method for determination of phenol based on *N*-bromosuccinimide and Rhodamine B
Qin, S.-Y.; Jing, Y.-H.
Huaxue Yanjiu Yu Yingyong **19**, 53-55 (2007).
9485. Determination of cefepime hydrochloride by flow injection chemiluminescence based on NBS-fluorescein reaction
Zhang, S.-q.
Huaxue Yanjiu Yu Yingyong **19**, 118-120 (2007).
9486. Chemiluminescence reaction of potassium permanganate-formaldehyde-ninhydrin system
He, Y.-h.; Nie, F.
Fenxi Shiyanshi **26**, 96-98 (2007).
9487. Modification of method for determination of total mercury in coal by oxygen flask combustion
Shen, S.-g.; Xie, M.-s.; Chao, C.-y.; Liang, S.-x.
Lihua Jianyan, Huaxue Fence **43**, 51-53 (2007).
9488. Flow injection chemiluminescence determination of N-acetylcysteine based on Ce (IV) and rhodamine 6G
Liu, H.-p.
Huaxue Yanjiu Yu Yingyong **19**, 454-456 (2007).
9489. On-line dilution and detection of vanillin in vanilla extracts obtained by ultrasound
Valdez-Flores, C.; Canizares-Macias, M. P.
Food Chem. **105**, 1201-1208 (2007).
9490. In-situ monitoring of H₂O₂ degradation by live cells using voltammetric detection in a lab-on-valve system
Laehdesmaeki, I.; Park, Y. K.; Carroll, A. D.; Decuir, M.; Ruzicka, J.
Analyst **132**, 811-817 (2007).
9491. Automated capture and on-column detection of biotinylated DNA on a disposable solid support
Decuir, M.; Laehdesmaeki, I.; Carroll, A. D.; Ruzicka, J.
Analyst **132**, 818-822 (2007).
9492. Flow injection-chemiluminescence determination of trace amounts of copper with lucigenin
Li, G.-h.; Zhang, N.; Mu, G.-w.
Lihua Jianyan, Huaxue Fence **43**, 153-155 (2007).
9493. A new ion-imprinted silica gel sorbent for on-line selective solid-phase extraction of dysprosium(III) with detection by inductively coupled plasma-atomic emission spectrometry
Zhang, N.; Hu, B.; Huang, C.
Anal. Chim. Acta **597**, 12-18 (2007).
9494. FI-chemiluminescence determination of phenol in waste water
Li, L.-q.; Sun, H.-w.; Chen, X.-y.
Lihua Jianyan, Huaxue Fence **43**, 191-192, 195 (2007).
9495. FI-chemiluminescence determination of hydroquinone in river water
Wang, S.-h.; Du, L.-y.; Wei, X.-t.; Zhuang, H.-s.
Lihua Jianyan, Huaxue Fence **43**, 193-195 (2007).
9496. Determination of propylthiouracil at a nanomolar level using fast Fourier transformation continuous cyclic voltammetry under flow conditions
Norouzi, P.; Ganjali, M. R.; Sehat, A. A.; Mirahmadi, S.; Larjani, B.
Chem. Anal.-Warsaw **52**, 399-410 (2007).
9497. Indirect flow injection determination of hydrazine using PbO₂-packed column
Noroozifar, M.; Khorasani-Motlagh, M.; Homayoonfarid, M.; Taheri, A.
Chem. Anal.-Warsaw **52**, 491-499 (2007).
9498. A preliminary study on electrochemical biosensors for the determination of total cholinesterase inhibitors in strawberries
Vastarella, W.; Rosa, V.; Creminisi, C.; Della Seta, L.; Montereali, M. R.; Pilloton, R.
Int. J. Environ. An. Ch. **87**, 689-699 (2007).
9499. Quasi-simultaneous determination of antioxidative activities against superoxide anion and nitric oxide by a combination of sequential injection analysis and flow injection analysis with chemiluminescence detection
Miyamoto, A.; Nakamura, K.; Kishikawa, N.; Ohba, Y.;

- Nakashima, K.; Kuroda, N.
Anal. Bioanal. Chem. **388**, 1809-1814 (2007).
9500. Exploiting flow injection system with mini-immunoaffinity chromatographic column for chondroitin sulfate proteoglycans assay
Hartwell, S. K.; Pathanon, K.; Fongmoon, D.; Kongtawelert, P.; Grudpan, K.
Anal. Bioanal. Chem. **388**, 1839-1846 (2007).
9501. Determination of sub-ppb reserpine by an optosensing device based on photochemically induced fluorescence
Lopez-Flores, J.; Fernandez-de Cordova, M. L.; Molina-Diaz, A.
Anal. Bioanal. Chem. **388**, 1771-1777 (2007).
9502. A flow injection biampereometric method for determination of total antioxidant capacity of alcoholic beverages using bienzymatically produced ABTS⁺
Milardovic, S.; Kerekovic, I.; Rumenjak, V.
Food Chem. **105**, 1688-1694 (2007).
9503. Pulsed pumping process optimization using a potential flow model
Tenney, C. M.; Lastoskie, C. M.
J. Contam. Hydrol. **93**, 111-121 (2007).
9504. Assay of radical scavenging activity of antidotes against chemical warfare agents by DPPH test using sequential injection technique
Kolekar, V.; Jun, D.; Opletal, L.; Jahodar, L.; Kuca, K.
Journal of Applied Biomedicine **5**, 81-84 (2007).
9505. Chemiluminescence of the peroxomonosulphate-cobalt(II)-aliphatic monocarboxylic acids system
Wang, M.; Zhao, L.; Lin, J.-M.
Luminescence **22**, 182-188 (2007).
9506. Direct and rapid monitoring the biochemical reaction of interleukin-6 in human using a flow-injection capacitive immunosensor in clinical immunoassay
Pan, J.
Sens. Actuator B-Chem. **B125**, 517-525 (2007).
9507. Determination of carbaryl by flow injection with luminol chemiluminescence inhibition detection
Waseem, A.; Yaqoob, M.; Nabi, A.; Siddiqui, M. A.
Int. J. Environ. An. Ch. **87**, 825-832 (2007).
9508. Development of a capillary electrophoresis system coupled to sequential injection analysis and evaluation by the analysis of nitrophenols
Horstkotte, B.; Elsholz, O.; Martin, V. C.
Int. J. Environ. An. Ch. **87**, 797-811 (2007).
9509. Electrochemical preparation of poly(malachite green) film modified Nafion-coated glassy carbon electrode and its electrocatalytic behavior towards NADH, dopamine and ascorbic acid
Chen, S.-M.; Chen, J.-Y.; Thangamuthu, R.
Electroanalysis **19**, 1531-1538 (2007).
9510. Speciation of chromium in Australian fly ash
Narukawa, T.; Riley, K. W.; French, D. H.; Chiba, K.
Talanta **73**, 178-184 (2007).
9511. Fast Fourier transformation with continuous cyclic voltammetry at an Au microelectrode for the determination of morphine in a flow injection system
Norouzi, P.; Ganjali, M. R.; Moosavi-Movahedi, A. A.; Larijani, B.
Talanta **73**, 54-61 (2007).
9512. Flow injection micelle-mediated methodology for determination of lead by electrothermal atomic absorption spectrometry
Bai, F.; Fan, Z.
Microchim. Acta **159**, 235-240 (2007).
9513. Application of chitosan functionalized with 3,4-dihydroxy benzoic acid moiety for on-line preconcentration and determination of trace elements in water samples
Sabarudin, A.; Noguchi, O.; Oshima, M.; Higuchi, K.; Motomizu, S.
Microchim. Acta **159**, 341-348 (2007).
9514. Molecularly imprinted on-line solid-phase extraction combined with chemiluminescence for the determination of pazufloxacin mesilate
Yang, C.; Zhang, Z.; Chen, S.; Yang, F.
Microchim. Acta **159**, 299-304 (2007).
9515. Speciation of chromium in water using crosslinked chitosan-bound FeC nanoparticles as solid-phase extractant, and determination by flame atomic absorption spectrometry
Wu, Y.; Jiang, Y.; Han, D.; Wang, F.; Zhu, J.
Microchim. Acta **159**, 333-339 (2007).
9516. Microdialysis sampling and chemiluminescence detection for in vivo and real-time study of the lead metabolism in rabbit blood
Hou, X. F.; Zhang, Z. J.; Zhao, Y.; Ma, J.
Microchim. Acta **159**, 223-228 (2007).
9517. Rapid determination of hydroflumethiazide in dosage forms by time-resolved chemiluminescence
Murillo Pulgarin, J. A.; Molina, A. A.; Perez-Olivares Nieto, G.
Microchim. Acta **159**, 349-356 (2007).
9518. Fourier transform capillary electrophoresis with laminar-flow gated pressure injection
Allen, P. B.; Doepler, B. R.; Chiu, D. T.
Anal. Chem. **79**, 6807-6815 (2007).
9519. A disposable multianalyte electrochemical immunosensor array for automated simultaneous determination of tumor markers
Wu, J.; Yan, F.; Tang, J.; Zhai, C.; Ju, H.
Clin. Chem. **53**, 1495-1502 (2007).
9520. Determination of lead and cadmium in different samples by flow injection atomic absorption spectrometry incorporating a microcolumn of immobilized ammonium pyrrolidine dithiocarbamate on microcrystalline naphthalene
Dadfarnia, S.; Talebi, M.; Shabani, A. M. H.; Beni, Z. A.
Croat. Chem. Acta **80**, 17-23 (2007).
9521. Silicomolybdate doped polypyrrole film modified glassy carbon electrode for electrocatalytic reduction of Cr(VI)
Balamarugan, A.; Chen, S.-M.
J. Solid State Electrochem. **11**, 1679-1687 (2007).
9522. Determination of norfloxacin in pharmaceuticals, human serum, and urine using a luminol-dissolved oxygen chemiluminescence system
Shao, X. D.; Liu, H. Y.; Gao, X. F.; Chen, W. Q.; Song, Z. H.
Chem. Pap. **61**, 353-358 (2007).
9523. Gradient elution isotachophoresis for enrichment and separation of biomolecules
Shackman, J. G.; Ross, D.
Anal. Chem. **79**, 6641-6649 (2007).
9524. Nano-level detection of naltrexone hydrochloride in its pharmaceutical preparation at Au microelectrode in flowing solutions by fast fourier transforms continuous cyclic voltammetry as a novel detector
Norouzi, P.; Ganjali, M. R.; Zare, M.; Mohammadi, A.
J. Pharm. Sci. **96**, 2009-2017 (2007).
9525. Determination of sulfite in foodstuffs by flow injection discoloration spectrophotometry
Li, Z.-w.; Tao, G.-h.
Fenxi Shiyanshi **26**, 31-33 (2007).
9526. Ultra-trace determination of palladium in human urine samples via flow injection coupled with ICP-MS
Falta, T.; Limbeck, A.; Stingereder, G.; Hann, S.
Atom. Spectrosc. **28**, 81-89 (2007).

9527. Speciation and determination of thallium by on-line microcolumn separation/preconcentration by flow injection-flame atomic absorption spectrometry using immobilized oxine as sorbent
Dadfarnia, S.; Assadollahi, T.; Haji Shabani, A. M.
J. Hazard. Mater. **148**, 446-452 (2007).
9528. Organic and redox speciation of iron in the eastern tropical North Pacific suboxic zone
Hopkinson, B. M.; Barbeau, K. A.
Mar. Chem. **106**, 2-17 (2007).
9529. Cell-sorption of paramagnetic metal ions on a cell-immobilized micro-column in the presence of an external magnetic field
Zou, A.-M.; Chen, M.-L.; Chen, X.-W.; Wang, J.-H.
Anal. Chim. Acta **598**, 74-81 (2007).
9530. Detection of catechol by potentiometric-flow injection analysis in the presence of interferents
Lunsford, S. K.; Widera, J.; Zhang, H.
J. Chem. Edu. **84**, 1471-1473 (2007).
9531. Determination of piroxicam in pharmaceutical formulations and urine samples using europium-sensitized luminescence
Al-Kindy, S. M. Z.; Suliman, F. E. O.; Al-Wishahi, A. A.; Al-Lawati, H. A. J.; Aoudia, M.
J. Lumines. **127**, 291-296 (2007).
9532. A green method for the determination of hypochlorite in bleaching products based on its native absorbance
March, J. G.; Simonet, B. M.
Talanta **73**, 232-236 (2007).
9533. Mesoporous titanium dioxide as a novel solid-phase extraction material for flow injection micro-column preconcentration on-line coupled with ICP-OES determination of trace metals in environmental samples
Huang, C.; Jiang, Z.; Hu, B.
Talanta **73**, 274-281 (2007).
9534. DRC ICP-MS coupled with automated flow injection system with anion exchange minicolumns for determination of selenium compounds in water samples
Jitmanee, K.; Teshima, N.; Sakai, T.; Grudpan, K.
Talanta **73**, 352-357 (2007).
9535. Photoderivatized Polymer Thin Films at Quartz Crystal Microbalance Surfaces: Sensors for Carbohydrate-Protein Interactions
Pei, Y.; Yu, H.; Pei, Z.; Theurer, M.; Ammer, C.; Andre, S.; Gabius, H.-J.; Yan, M.; Ramstroem, O.
Anal. Chem. **79**, 6897-6902 (2007).
9536. Indirect Determination of Sulfide at Ultratrace Levels in Natural Waters by Flow Injection On-Line Sorption in a Knotted Reactor Coupled with Hydride Generation Atomic Fluorescence Spectrometry
Jin, Y.; Wu, H.; Tian, Y.; Chen, L.; Cheng, J.; Bi, S.
Anal. Chem. **79**, 7176-7181 (2007).
9537. Evaluation of impurities level of perindopril *tert*-butylamine in tablets
Medenica, M.; Ivanovic, D.; Maskovic, M.; Jancic, B.; Malenovic, A.
J. Pharm. Biomed. Anal. **44**, 1087-1094 (2007).
9538. PLS Regression in the Spectrophotometric Data for the Simultaneous Determination of Levodopa and Carbidopa in Pharmaceutical Preparations by Using an Enzymatic Stopped-Flow FIA Technique
Gruenhut, M.; Centurion, M. E.; Band, B. F.
Anal. Lett. **40**, 2016-2031 (2007).
9539. Ultrasensitive Assay of Gatifloxacin at Picogram Level Based on its Enhancing Effect on the Myoglobin-Luminol Chemiluminescence Reaction
Xie, X.; Shao, X.; Yue, Q.; Huang, C.; Song, Z.
Anal. Lett. **40**, 1951-1961 (2007).
9540. Poly[Ni(II)Protoporphyrin IX] Modified Electrode for Amperometric Detection of Acetylcholine (Ach) and Choline (Ch)
Carballo, R.; Dall'Orto, V. C.; Rezzano, I.
Anal. Lett. **40**, 1962-1971 (2007).
9541. Resolution of Ofloxacin-Ciprofloxacin and Ofloxacin-Norfloxacin Binary Mixtures by Flow-Injection Chemiluminescence in Combination with Partial Least Squares Multivariate Calibration
Murillo, J. A.; Alanon Molina, A.; Munoz de la Pena, A.; Duran Meras, I.; Jimenez Giron, A.
J. Fluoresc. **17**, 481-491 (2007).
9542. Continuous approach for ultrasound-assisted acid extraction-minicolumn preconcentration of chromium and cobalt from seafood samples prior to flame atomic absorption spectrometry
Yebra-Biurrun, M. C.; Cancela-Perez, S.
Anal. Sci. **23**, 993-996 (2007).
9543. Direct determination of P, V, Mn, As, Mo, Ba and U in seawater by SF-ICP-MS
Field, M. P.; LaVigne, M.; Murphy, K. R.; Ruiz, G. M.; Sherrell, R. M.
J. Anal. Atom. Spectrom. **22**, 1145-1151 (2007).
9544. Nano-HPLC-inductively coupled plasma mass spectrometry for arsenic speciation
Brennan, R. G.; O'Brien Murdock, S.-A. E.; Farmand, M.; Kahen, K.; Samii, S.; Gray, J. M.; Montaser, A.
J. Anal. Atom. Spectrom. **22**, 1199-1205 (2007).
9545. Rapid fingerprinting of ^{239}Pu and ^{240}Pu in environmental samples with high U levels using on-line ion chromatography coupled with high-sensitivity quadrupole ICP-MS detection
Epov, V. N.; Evans, R. D.; Zheng, J.; Donard, O. F. X.; Yamada, M.
J. Anal. Atom. Spectrom. **22**, 1131-1137 (2007).
9546. Determination of ferulic acid based on the *L*-cysteine self-assembled modified gold electrode coupling irreversible biampereometry
Li, L.-J.; Yu, L.-B.; Chen, Q.-F.; Cheng, H.; Wu, F.-M.; Wu, J.-L.; Kong, H.-X.
Fenxi Huaxue **35**, 933-937 (2007).
9547. Picomolar Detection of Insulin at Renewable Nickel Powder-Doped Carbon Composite Electrode
Salimi, A.; Roushani, M.; Soltanian, S.; Hallaj, R.
Anal. Chem. **79**, 7431-7438 (2007).
9548. Enzymatic detection of glucose using fluoride-selective electrodes with polymeric membranes
Gorski, L.; Klimaszewska, D.; Pietrzak, M.; Malinowska, E.
Anal. Bioanal. Chem. **389**, 533-539 (2007).
9549. Development of a novel immunobiosensor method for the rapid detection of okadaic acid contamination in shellfish extracts
Llamas, N. M.; Stewart, L.; Fodey, T.; Higgins, H. C.; Velasco, M. L. R.; Botana, L. M.; Elliott, C. T.
Anal. Bioanal. Chem. **389**, 581-587 (2007).
9550. Rapid detection of *Escherichia coli* by flow injection analysis coupled with amperometric method using an $\text{IrO}_2\text{-Pd}$ chemically modified electrode
Geng, P.; Zheng, J.; Zhang, X.; Wang, Q.; Zhang, W.; Jin, L.; Feng, Z.; Wu, Z.
Electrochim. Commun. **9**, 2157-2162 (2007).
9551. Temperature pulse modulated amperometry at compact electrochemical sensors
Wachholz, F.; Biala, K.; Piekarz, M.; Flehsig, G.-U.
Electrochim. Commun. **9**, 2346-2352 (2007).
9552. Dependency of advanced oxidation performance on the contaminated water feed mode for ozonation combined with electrolysis using a two-compartment electrolytic flow cell

- Kishimoto, N.
J. Adv. Oxid. Technol. **10**, 241-246 (2007).
9553. PIV measurements of flow through a sudden contraction
Ozalp, C.; Pinarbasi, A.; Fakilar, M. S.; Sahin, B.
Flow Meas. Instrum. **18**, 121-128 (2007).
9554. Optical fluoride sensor based on monomer-dimer equilibrium of scandium(III)-octaethylporphyrin in a plasticized polymeric film
Kang, Y.; Kampf, J. W.; Meyerhoff, M. E.
Anal. Chim. Acta **598**, 295-303 (2007).
9555. Determination of mercury in Tricholoma giganteum by flow injection-atomic absorption spectrometry
Liu, H.-g.
Weiliang Yuansu Yu Jiankang Yanjiu **24**, 46-47 (2007).
9556. On-column labeling technique and chiral CE of amino acids with mixed chiral selectors and UV detection
Han, Y.; Chen, Y.
Electrophoresis **28**, 2765-2770 (2007).
9557. Nitrate-N determination in leafy vegetables: Study of the effects of cooking and freezing
Prasad, S.; Chetty, A. A.
Food Chem. **106**, 772-780 (2007).
9558. Recent developments in flow-analysis vibrational spectroscopy
Armenta, S.; Garrigues, S.; de la Guardia, M.
TrAC-Trends Anal. Chem. **26**, 775-787 (2007).
9559. A new device of flow injection-capillary electrophoresis for determination of B group vitamins
Pan, Z.; Li, Y.; Chen, Y.; Chen, X.; He, Z.
Sepu **25**, 594-595 (2007).
9560. Application of nano-FIA-Direct-EI-MS to determine diethylene glycol in produced formation water discharges and seawater samples
Cappiello, A.; Famiglini, G.; Palma, P.; Pierini, E.; Trufelli, H.; Maggi, C.; Manfra, L.; Mannozzi, M.
Chemosphere **69**, 554-560 (2007).
9561. Behavior of hydrogen peroxide between atmosphere and coastal seawater around Okinawa Island
Arakaki, T.; Ikota, H.; Okada, K.; Kuroki, Y.; Nakajima, H.; Tanahara, A.
Chikyu Kagaku **41**, 35-41 (2007).
9562. Flow-injection amperometric determination of tacrine based on ion transfer across a water-plasticized polymeric membrane interface
Ortuno, J. A.; Rueda, C.
Sensors **7**, 1185-1192 (2007).
9563. An investigation of glutathione-platinum(II) interactions by means of the flow injection analysis using glassy carbon electrode
Zitka, O.; Huska, D.; Krizkova, S.; Adam, V.; Chavis, G. J.; Trnkova, L.; Horna, A.; Hubalek, J.; Kizek, R.
Sensors **7**, 1256-1270 (2007).
9564. Preparation and characterization of a PVC/TTF-TCNQ composite electrode. Applications in a flow injection system
Cano, M.; Palenzuela, B.; Rodriguez-Amaro, R.
Portugaliae Electrochimica Acta **25**, 67-78 (2007).
9565. Flow injection analysis of maleic hydrazide using an electrochemical sensor based on palladium-dispersed carbon paste electrode
Sanchez, A.; Zapardiel, A.; Lopez de Prado, F.; Bermejo, E.; Moreno, M.; Perez-Lopez, J. A.; Chicharro, M.
Electroanalysis **19**, 1683-1688 (2007).
9566. Determination of chloramphenicol in chicken feed and chicken meat by solid phase extraction-flow injection-chemiluminescence
Lu, L.-j.; Yu, H.-p.; Zhou, X.; Li, A.-j.; Guo, J.-q.
Huaxue Shiji **29**, 477-480 (2007).
9567. Determination of rutin by flow injection chemiluminescence method
Li, L.-j.; Zhong, Z.-h.; Feng, J.; Chen, Q.-f.; Kong, H.-x.; Wu, J.-l.
Guangpuxue Yu Guangpu Fenxi **27**, 1625-1628 (2007).
9568. Exploiting in situ hydride trapping in tungsten coil atomizer for Se and As determination in biological and water samples
Simiao de Souza, S.; Santos, D., Jr.; Krug, F. J.; Barbosa, F., Jr.
Talanta **73**, 451-457 (2007).
9569. A sensitive flow analysis system for the fluorimetric determination of low levels of formaldehyde in alcoholic beverages
Santos de Oliveira, F.; Sousa, E. T.; de Andrade, J. B.
Talanta **73**, 561-566 (2007).
9570. Micronebulization for trace analysis of lanthanides in small biological specimens by ICP-MS
Dressler, V. L.; Pozebon, D.; Matusch, A.; Becker, J. S.
Int. J. Mass Spectrom. **266**, 25-33 (2007).
9571. Cobalt determination in fresh waters using flow injection with luminol chemiluminescence detection
Waseem, A.; Wali, S.; Asif, H.
Anal. Chem. (Rajkot, India) **3**, 109-113 (2007).
9572. Electrochemical behavior and electrocatalytic study of the manganese (II) pyrrolidine dithiocarbamate modified carbon paste electrode: use in a flow injection system
Cavalheiro, E. T. G.; Segnini, A.; Couto, A. B.; Moraes, F. C.; Teixeira, M. F. S.
Anal. Chem. (Rajkot, India) **3**, 124-132 (2007).
9573. Determination of inorganic selenium species in water sample by flow injection AAS coupled with derivative signal processing
Ha, J.; Sun, H.-w.; Kang, W.-j.
Anal. Chem. (Rajkot, India) **3**, 146-152 (2007).
9574. Matrix effects in inductively coupled plasma atomic emission spectrometry and the use of the Mg II 280 nm/Mg I 285 nm line intensity ratio
Romero, X.
Ciencia **15**, 120-130 (2007).
9575. Determination of lomefloxacin by flow injection chemiluminescence
Qu, L.-b.; Zhou, J.; Li, J.-j.
Anal. Chem. (Rajkot, India) **4**, 43-48 (2007).
9576. Microporous PTFE capillary on-line concentration coupled to flow injection analysis for determination of propoxur
Jin, G.; Yao, Q.; Zhang, L.
Anal. Chem. (Rajkot, India) **5**, 39-45 (2007).
9577. Irreversible biampерometry determination of penicillamine based on a flow-injection analysis
Li, L.-J.; Hao, C.; Chen, Q.-F.; Huang, W.-Y.
Anal. Chem. (Rajkot, India) **5**, 57-62 (2007).
9578. Sucrose biosensor as an alternative tool for sugarcane field samples
Kennedy, J. F.; do Carmo B. Pimentel, M.; Melo, E. H. M.; Lima-Filho, J. L.
J. Sci. Food Agric. **8**, 2266-2271 (2007).
9579. Direct spectrophotometric determination of formaldehyde in leather wastewater by flow injection analysis with chromotropic acid
Zou, Y.; Zhang, X.; Long, F.; Dong, Y.; Tu, J.
J. Soc. Leather Technol. Chem. **91**, 142-144 (2007).
9580. Determination of PO₄-P in tannery effluent by reverse reference flow injection
Xie, Y.; Zhang, X.; Wang, W.; Huang, J.; Wei, L.
J. Soc. Leather Technol. Chem. **91**, 168-171 (2007).
9581. Coupling of Sequential Injection Chromatography with Multivariate Curve Resolution-Alternating Least-Squares

- for Enhancement of Peak Capacity
Gomez, V.; Miro, M.; Callao, M. P.; Cerdá, V.
Anal. Chem. **79**, 7767-7774 (2007).
9582. Flow injection analysis of kojic acid in cosmetics by a carbon-nanotube modified screen-printed electrode
Shih, Y.; Zen, J.-M.; Ke, J.-H.; Hsu, J.-C.; Chen, P.-C.
Yaowu Shipin Fenxi **15**, 151-155 (2007).
9583. Quaternary ammonium functionalized clay film electrodes modified with polyphenol oxidase for the sensitive detection of catechol
Mbouguen, J. K.; Ngameni, E.; Walcarius, A.
Biosens. Bioelectron. **23**, 269-275 (2007).
9584. Ultrasonic Trapping of Microparticles in Suspension and Reaction Monitoring Using Raman Microspectroscopy
Ruedas-Rama, M. J.; Dominguez-Vidal, A.; Radel, S.; Lendl, B.
Anal. Chem. **79**, 7853-7857 (2007).
9585. Direct determination of phosphate in fertilizers by flow-injection amperometry
Franzini, V. P.; Fugivara, C. S.; Benedetti, A. V.; Ribeiro, C. A.; Gomes Cavalheiro, E. T.; Gomes Neto, J. A.
Electroanalysis **19**, 1794-1798 (2007).
9586. Validation of a tubular bismuth film amperometric detector
Rodriguez, J. A.; Barrado, E.; Castrillejo, Y.; Santos, J. R.; Lima, J. L. F. C.
J. Pharm. Biomed. Anal. **45**, 47-53 (2007).
9587. A simple and rapid flow-injection chemiluminescence method for the determination of noscapine with Ru(phen)₃²⁺-Ce(IV) system
Rezaei, B.; Mokhtari, A.; Khayamian, T.
Ann. Chim. **97**, 605-614 (2007).
9588. Assessment of elemental mobility in soil using a fluidised bed approach with on-line ICP-MS analysis
Beeston, M. P.; Glass, H. J.; van Elteren, J. T.; Slejkovec, Z.
Anal. Chim. Acta **599**, 264-270 (2007).
9589. Catalytic activity of iron hexacyanoosmate(II) towards hydrogen peroxide and nicotinamide adenine dinucleotide and its use in amperometric biosensors
Kotzian, P.; Janku, T.; Kalcher, K.; Vytras, K.
Anal. Chim. Acta **599**, 287-293 (2007).
9590. Hyphenation of flow injection/sequential injection with chemical hydride/vapor generation atomic fluorescence spectrometry
Chen, M.-L.; Zou, A.-M.; Yu, Y.-L.; He, R.-H.
Talanta **73**, 599-605 (2007).
9591. Determination of lithium in pharmaceutical formulations used in the treatment of bipolar disorder by flow injection analysis with spectrophotometric detection
da Silva, C. M. L.; Almeida, V. G. K.; Cassella, R. J.
Talanta **73**, 613-620 (2007).
9592. Metal furnace heated by flame as a hydride atomizer for atomic absorption spectrometry: Sb determination in environmental and pharmaceutical samples
Figueiredo, E. C.; Dedinha, J.; Arruda, M. A. Z.
Talanta **73**, 621-628 (2007).
9593. Electrophoretic method for assessment of substrate promiscuity of a heterogeneous biocatalyst using an area imaging ultraviolet detector
Urban, P. L.; Bergstroem, E. T.; Goodall, D. M.; Narayanaswamy, S.; Bruce, N. C.
Analyst **132**, 979-982 (2007).
9594. Peroxidase based biosensors for the selective determination of *D,L*-lactic acid and *L*-malic acid in wines
Mazzei, F.; Botre, F.; Favero, G.
Microchem. J. **87**, 81-86 (2007).
9595. Voltammetry and amperometric detection of tetracyclines at multi-wall carbon nanotube modified electrodes
Vega, D.; Aguei, L.; Gonzalez-Cortes, A.; Yanez-Sedeno, P.; Pingarron, J. M.
Anal. Bioanal. Chem. **389**, 951-958 (2007).
9596. On-line electrothermal atomic absorption spectrometry configurations: recent developments and trends
Burguera, M.; Burguera, J. L.
Spectrochim. Acta B **62B**, 884-896 (2007).
9597. Analysis of Chemical Warfare Agents in Food Products by Atmospheric Pressure Ionization-High Field Asymmetric Waveform Ion Mobility Spectrometry-Mass Spectrometry
Kolakowski, B. M.; D'Agostino, P. A.; Chenier, C.; Mester, Z.
Anal. Chem. **79**, 8257-8265 (2007).
9598. Determination of resveratrol in red wine by solid phase extraction-flow injection chemiluminescence method
Ren, J. J.; Liu, H. Y.; Hao, Y. H.; He, P. G.; Fang, Y. Z.
Chinese Chem. Lett. **18**, 985-988 (2007).
9599. FFT-adsorptive voltammetric technique for pico-level determination of tetracycline in capsules at an Au microelectrode in flowing solutions
Norouzi, P.; Ganjali, M. R.; Daneshgar, P.
Turk. J. Chem. **31**, 279-291 (2007).
9600. Speciation of manganese using a pneumatic flow injection analysis-tandem spectrometer system
Noroozifar, M.; Khorasani Motlagh, M.; Akbari, R.
Turk. J. Chem. **31**, 293-299 (2007).
9601. Arsenic determination in marine sediment using ultrasound for sample preparation
Bentlin, F. R. S.; Duarte, F. A.; Dressler, V. L.; Pozebon, D.
Anal. Sci. **23**, 1097-1101 (2007).
9602. Spectrophotometric determination of spermine and related compounds using *o*-hydroxyhydroquinonephthalain and manganese(II)
Miyachi, K.; Moriyama, K.; Yamaguchi, T.; Tominaga, H.; Kamino, S.; Fujita, Y.
Anal. Sci. **23**, 1103-1107 (2007).
9603. A simple and sensitive flow-injection on-line preconcentration coupled with hydride generation atomic fluorescence spectrometry for the determination of ultra-trace lead in water, wine, and rice
Wu, H.; Jin, Y.; Luo, M.; Bi, S.
Anal. Sci. **23**, 1109-1112 (2007).
9604. Improving the chemiluminescence-based determination of sulphide in complex environmental samples by using a new, automated multi-syringe flow injection analysis system coupled to a gas diffusion unit
Maya, F.; Estela, J. M.; Cerdá, V.
Anal. Chim. Acta **601**, 87-94 (2007).
9605. The determination of hydrogen peroxide generated from cigarette smoke with an ultrasensitive and highly selective chemiluminescence method
Hu, Y.; Zhang, Z.; Yang, C.
Anal. Chim. Acta **601**, 95-100 (2007).
9606. Sequential injection chemiluminescence immunoassay for nonionic surfactants by using magnetic microbeads
Zhang, R.Q.; Nakajima, H.; Soh, N.; Nakano, K.; Masadome, T.; Nagata, K.; Sakamoto, K.; Imato, T.
Anal. Chim. Acta **600**, 105-113 (2007).
9607. Sequential injection analysis (SIA)-chemiluminescence determination of indomethacin using tris[2,2'-bipyridyl]ruthenium(III) as reagent and its application to semisolid pharmaceutical dosage forms
Mervartova, K.; Polasek, M.; Calatayud, J. M.
Anal. Chim. Acta **600**, 114-121 (2007).
9608. On-line coupling of sequential injection extraction with restricted-access materials and post-column derivatization

- for sample clean-up and determination of propranolol in human plasma
Satinsky, D.; Serralheiro, H. S.; Solich, P.; Araujo, A. N.; Montenegro, M. C. B. S. M.
Anal. Chim. Acta **600**, 122-128 (2007).
9609. An overview of sequential injection chromatography
Chocholous, P.; Solich, P.; Satinsky, D.
Anal. Chim. Acta **600**, 129-135 (2007).
9610. A hybrid FIA/HPLC system incorporating monolithic column chromatography
Adcock, J. L.; Francis, P. S.; Agg, K. M.; Marshall, G. D.; Barnett, N. W.
Anal. Chim. Acta **600**, 136-141 (2007).
9611. Flow-injection determination of total organic fluorine with off-line defluorination reaction on a solid sorbent bed
Musijowski, J.; Trojanowicz, M.; Szostek, B.; Fontes da Costa Lima, J. L.; Lapa, R.; Yamashita, H.; Takayanagi, T.; Motomizu, S.
Anal. Chim. Acta **600**, 147-154 (2007).
9612. Flow-injection determination of acetone with diazotized anthranilic acid through a fluorescent reaction intermediate
Garcia de Maria, C.; Hueso Dominguez, K. B.; Martin Garrido, N.
Anal. Chim. Acta **600**, 172-176 (2007).
9613. Spectrophotometric simultaneous determination of nitrite, nitrate and ammonium in soils by flow injection analysis
Lopez Pasquali, C. E.; Fernandez Hernando, P.; Durand Alegria, J. S.
Anal. Chim. Acta **600**, 177-182 (2007).
9614. Online assay of bone specific alkaline phosphatase with a flow injection-bead injection system
Hartwell, S. K.; Somprayoon, D.; Kongtawelert, P.; Ongchai, S.; Arppornchayanon, O.; Ganranoo, L.; Lapanantnoppakhun, S.; Grudpan, K.
Anal. Chim. Acta **600**, 188-193 (2007).
9615. Potentiometric flow-injection system for determination of alkaline phosphatase in human serum
Ogonczyk, D.; Koncki, R.
Anal. Chim. Acta **600**, 194-198 (2007).
9616. Flow injection visible diffuse reflectance quantitative analysis of nickel
Tubino, M.; Queiroz, C. A. R.
Anal. Chim. Acta **600**, 199-204 (2007).
9617. Dithiocarbamate functionalized or surface sorbed Merrifield resin beads as column materials for on line flow injection-flame atomic absorption spectrometry determination of lead
Praveen, R. S.; Naidu, G. R. K.; Rao, T. P.
Anal. Chim. Acta **600**, 205-213 (2007).
9618. Flow injection on-line dilution for zinc determination in human saliva with electrothermal atomic absorption spectrometry detection
Burguera-Pascu, M.; Rodriguez-Archilla, A.; Burguera, J. L.; Burguera, M.; Rondon, C.; Carrero, P.
Anal. Chim. Acta **600**, 214-220 (2007).
9619. Determination of Rh, Pd and Pt in urine samples using a pre-concentration sequential injection analysis system coupled to a quadrupole-inductively coupled plasma-mass spectrometer
Lopes, C. M. P. V.; Almeida, A. A.; Saraiva, M. L. M. F. S.; Lima, J. L. F. C.
Anal. Chim. Acta **600**, 226-232 (2007).
9620. Matrix effect in second-order data. Determination of dyes in a tanning process using vegetable tanning agents
Gomez, V.; Cuadros, R.; Ruisanchez, I.; Callao, M. P.
Anal. Chim. Acta **600**, 233-239 (2007).
9621. A multi-commuted flow injection system with a multi-channel propulsion unit placed before detection: Spectrophotometric determination of ammonium
Oliveira, S. M.; Lopes, T. I. M. S.; Toth, I. V.; Rangel, A. O. S. S.
Anal. Chim. Acta **600**, 29-34 (2007).
9622. Potential of multisyringe flow-based multicommutated systems
Cerda, V.; Forteza, R.; Estela, J. M.
Anal. Chim. Acta **600**, 35-45 (2007).
9623. 30 years of flow injection analysis-And passing the torch
Hansen, E. H.
Anal. Chim. Acta **600**, 4-5 (2007).
9624. Versatile flow injection manifold for analytical calibration
Koscielniak, P.; Wieczorek, M.; Kozak, J.; Herman, M.
Anal. Chim. Acta **600**, 6-13 (2007).
9625. Novel approaches to analysis by flow injection gradient titration
Wojtowicz, M.; Kozak, J.; Koscielniak, P.
Anal. Chim. Acta **600**, 78-83 (2007).
9626. Robust flow-batch coulometric/biamperometric titration system: Determination of bromine index and bromine number of petrochemicals
Pasquini, C.; Vidal de Aquino, E.; das Virgens Reboucas, M.; Gonzaga, F. B.
Anal. Chim. Acta **600**, 84-89 (2007).
9627. Electronic tongues in flow analysis
Gutes, A.; Cespedes, F.; del Valle, M.
Anal. Chim. Acta **600**, 90-96 (2007).
9628. Use of sequential injection analysis to construct an electronic-tongue
Calvo, D.; Duran, A.; del Valle, M.
Anal. Chim. Acta **600**, 97-104 (2007).
9629. Investigation of reagent distributions on glass fiber membrane filters used in air sampling
Tucker, S. P.
J. Environ. Monit. **9**, 1122-1130 (2007).
9630. Application of multi-walled carbon nanotubes as substrate for the on-line preconcentration, speciation and determination of vanadium by ETAAS
Gil, R. A.; Goyanes, S. N.; Polla, G.; Smichowski, P.; Olsina, R. A.; Martinez, L. D.
J. Anal. Atom. Spectrom. **22**, 1290-1295 (2007).
9631. Selective detection of trace lead in lead-free solder alloy by flow injection on-line solid-phase extraction using a macrocycle immobilized silica gel as sorbent coupled with hydride generation atomic fluorescence spectrometry
Shang, X.-H.; Yan, X.-P.
J. Anal. Atom. Spectrom. **22**, 1284-1289 (2007).
9632. Fast urinary screening for imipramine and desipramine using on-line solid-phase extraction and selective derivatization
Cruz-Vera, M.; Lucena, R.; Cardenas, S.; Valcarcel, M.
J. Chromatogr. B **857**, 275-280 (2007).
9633. Effect of various deposition techniques, electrode materials and posttreatment with tetrabutylammonium and tetrabutylphosphonium salts on the electrochemical behavior and stability of various Prussian blue modified electrodes
Haghghi, B.; Shams, N.; Gorton, L.
Electroanalysis **19**, 1921-1932 (2007).
9634. Zinc oxide/zinc hexacyanoferrate hybrid film-modified electrodes for guanine detection
Chu, H.-W.; Thangamuthu, R.; Chen, S.-M.
Electroanalysis **19**, 1944-1951 (2007).
9635. Deep air sparging-15 to 46 m beneath the water table
Klinchuch, L. A.; Goulding, N.; James, S. R.; Gies, J. J.
Ground Water Monitoring & Remediation **27**, 118-126

- (2007).
9636. Simultaneous determination of seven synthetic water-soluble food colorants by ion-pair reversed-phase high-performance liquid chromatography
Zatar, N. A.
Journal of Food Technology (Faisalabad, Pakistan) **5**, 220-224 (2007).
9637. Numerical simulations of the second-order electrokinetic bias observed with the gated injection mode in chips
Blas, M.; Delaunay, N.; Ferrigno, R.; Rocca, J.-L.
Electrophoresis **28**, 2961-2970 (2007).
9638. Rapid detection meter for total bacterial count based on bioluminescence technology
Yue, W.-w.; Zhou, A.-y.; He, B.-s.; Luo, J.-p.; Cai, X.-x.
Weinadianzi Jishu **44**, 387-390 (2007).
9639. Simple and rapid determination of trace bromate by flow injection analysis with novel spectrophotometric detection system
Isawa, M.; Yamane, T.
Bunseki Kagaku **56**, 745-750 (2007).
9640. Spectrophotometric flow injection analysis for the determination of trace amount of ammonium ion in seawater coupled with on-line gas diffusion/ion exchange concentration technique
Fukui, K.; Ohno, S.; Higuchi, K.; Teshima, N.; Sakai, T.
Bunseki Kagaku **56**, 757-763 (2007).
9641. Flow injection analysis of choline in supplements using choline oxidase immobilized enzyme reactor column
Nakano, M.; Yoshiwara, M.; Sakuragawa, A.
Bunseki Kagaku **56**, 765-771 (2007).
9642. Investigation on the trinary chemiluminescence system of triazophos-luminol-H₂O₂ and its application
Lin, X.-C.; Guo, L.-Q.
Guangpu Shiyanshi **24**, 729-734 (2007).
9643. Determination of antibodies to Yersinia enterocolitica bacteria using a piezoelectric quartz crystal immunosensor
Kalmykova, E. N.; Dergunova, E. S.; Zubova, N. Y.; Gorshkova, R. P.; Komandrova, N. A.; Ermolaeva, T. N.
J. Anal. Chem. **62**, 970-976 (2007).
9644. Flow-injection potentiometric determination of clobutinol hydrochloride in pure state and pharmaceutical preparations
Abdel-Ghani, N. T.; Nashar, R. M.; Hamed, S. M.
J. Anal. Chem. **62**, 977-986 (2007).
9645. Determination of formaldehyde by its catalytic effect on the oxidation of pyrogallol red by bromate using flow-injection spectrophotometric detection
Ensafi, A. A.; Nazemi, Z.
J. Anal. Chem. **62**, 987-991 (2007).
9646. Simultaneous determination of formaldehyde and methanol by flow-injection catalytic spectrophotometry
Yue, X.-F.; Zhang, Z.-Q.
J. Anal. Chem. **62**, 992-996 (2007).
9647. Determination of selenium in tricholoma giganteum by flow injection-hydride generation-atomic absorption spectrometry
Liu, H.-g.; Wang, Y.-z.; Li, T.; Sha, B.-c.
Guangpuxue Yu Guangpu Fenxi **27**, 1851-1853 (2007).
9648. Determination of tsumacide residues in vegetable samples using a flow-injection chemiluminescence method
Liu, H.; Hao, Y.; Ren, J.; He, P.; Fang, Y.
Luminescence **22**, 302-308 (2007).
9649. Direct chemiluminescence determination of ibuprofen by the enhancement of the KMnO₄-sulphite reaction
Li, Y.; Lu, J.
Luminescence **22**, 326-330 (2007).
9650. Quantitative determination of bilirubin by inhibition of chemiluminescence from lucigenin
Lee, H. S.; Karim, M. M.; Alam, S. M.; Lee, S. H.
Luminescence **22**, 331-337 (2007).
9651. Flow-injection-electrochemical oxidation fluorimetry for determination of methotrexate
Chen, S.; Zhang, Z.; He, D.; Hu, Y.; Zheng, H.; He, C.
Luminescence **22**, 338-342 (2007).
9652. A new sensitive flow-injection chemiluminescence method for the determination of H₂-receptor antagonists
Tang, Y.-H.; Wang, N.-N.; Xiong, X.-Y.; Xiong, F.-M.; Sun, S.-J.
Luminescence **22**, 343-348 (2007).
9653. Flow-injection determination of carbaryl and carbofuran based on KMnO₄-Na₂SO₃ chemiluminescence detection
Waseem, A.; Yaqoob, M.; Nabi, A.
Luminescence **22**, 349-354 (2007).
9654. Asymmetrical flow field-flow fractionation coupled to multiangle laser light scattering detector: optimization of crossflow rate, carrier characteristics, and injected mass in alginate separation
Alasonati, E.; Benincasa, M.-A.; Slaveykova, V. I.
J. Sep. Sci. **30**, 2332-2340 (2007).
9655. SO₃²⁻-based chemiluminescence in unbuffered solution with ClO₂ as oxidant and its analytical application
Li, B.; Deng, Q.; Xu, C.
Spectrochim. Acta A **68**, 510-515 (2007).
9656. Fluorimetric SIA optosensing in pharmaceutical analysis: Determination of paracetamol
Llorent-Martinez, E. J.; Satinsky, D.; Solich, P.; Ortega-Barrales, P.; Molina-Diaz, A.
J. Pharm. Biomed. Anal. **45**, 318-321 (2007).
9657. Conventional and planar chip sensors for potentiometric assay of uric acid in biological fluids using flow injection analysis
Kamel, A. H.
J. Pharm. Biomed. Anal. **45**, 341-348 (2007).
9658. A novel flow-through fluorescence optosensor for the determination of thiabendazole
Piccirilli, G. N.; Escandar, G. M.
Anal. Chim. Acta **601**, 196-203 (2007).
9659. Sensitive determination of nanogram levels of diacerein in a pharmaceutical formulation by flow injection chemiluminescence analysis
Yao, H.-C.; Yang, X.-F.; Li, H.
J. Chin. Chem. Soc. **54**, 949-956 (2007).
9660. Study of between-methods variance of insulin assays
Hanabusa, K.; Yonetani, M.; Kawata, Y.; Usami, M.; Ikeda, M.
Seibutsu Shiryo Bunseki **30**, 327-333 (2007).
9661. Flow injection chemiluminescence determination of Mn(II)
Wang, X.-f.; Cui, Y.; Cui, Q.; Shi, D.-y.
Fenxi Shiyanshi **26**, 110-112 (2007).
9662. A simple and selective flow-injection potentiometric method for determination of iodide based on a coated glassy carbon electrode sensor
Beheshti, S. S.; Amini, M. K.
International Journal of Electrochemical Science **2**, 778-787 (2007).
9663. On-line coupling of solid-phase extraction, derivatization reaction and spectrophotometry by sequential injection analysis: Application to trifluoperazine assay in human urine
Idris, A. M.
Journal of Pharmacological and Toxicological Methods **56**, 330-335 (2007).
9664. Ex situ bioprocess monitoring techniques
Vojinovic, V.; Cabral, J. M. S.; Fonseca, L. P.
Chemical Industry & Chemical Engineering Quarterly

- 13**, 103-116 (2007).
9665. A model of mass transport near the tube wall in a flow-injection manifold
Lovric, M.; Komorsky-Lovric, S.; Kahlert, H.; Scholz, F.
Anal. Chim. Acta **602**, 75-81 (2007).
9666. Mass spectrometry-based biochemical assays for enzyme-inhibitor screening
de Boer, A. R.; Lingeman, H.; Niessen, W. M. A.; Iirth, H.
TrAC-Trends Anal. Chem. **26**, 867-883 (2007).
9667. The miniaturization of bioanalytical assays and sample pretreatments by exploiting meso-fluidic lab-on-valve configurations: A review
Chen, X.-W.; Wang, J.-H.
Anal. Chim. Acta **602**, 173-180 (2007).
9668. Flow injection determination of trace bromate in salts using spectrophotometric detection directly in-line coupled with anion-exchange separation and preconcentration
Sakakibara, Y.; Isawa, M.; Yamane, T.
Nippon Kaisui Gakkaishi **61**, 268-271 (2007).
9669. Flow injection turbidimetric determination of acetylcysteine in pharmaceutical formulations using silver nitrate as precipitant reagent
Suarez, W. T.; Vieira, H. J.; Fatibello-Filho, O.
J. Braz. Chem. Soc. **18**, 1028-1033 (2007).
9670. Hydrogen peroxide assessment in Exhaled Breath Condensate: condensing equipment-rapid flow injection chemiluminescence method
Vasilious, E. G.; Makarowska, Y. M.; Pneumatikos, I. A.; Lolis, N. V.; Kalogeratos, E. A.; Papadakis, E. K.; Georgiou, C. A.
J. Braz. Chem. Soc. **18**, 1040-1047 (2007).
9671. Determination of citalopram using flow injection-solid phase extraction with spectrofluorometric detection
Satana, E.; Ertas, N.; Goger, N. G.
Chromatographia **66**(Suppl.), S75-S79 (2007).
9672. Phosphorus Treatment Capability of Marshland Upwelling System under High Background Salinity Conditions
Evans, D. A.; Rusch, K. A.
Journal of Environmental Engineering **133**, 1061-1071 (2007).
9673. Flow-through fluorescence-based optosensor for the screening of zinc in drinking water
Garcia-Reyes, J. F.; Ortega-Barrales, P.; Molina-Diaz, A.
Anal. Sci. **23**, 1179-1183 (2007).
9674. Spectrophotometric flow injection methods for zinc determination in pharmaceutical and biological samples
Gaubeur, I.; Helena, L.; Avila-Terra, S.; Masini, J. C.; Encarnacion, M.; Suarez-Iha, V.
Anal. Sci. **23**, 1227-1231 (2007).

