FIA Bibliography (46)

Toshio TAKAYANAGI, Okayama University

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

8401. FIA Bibliography (45)
Ukeda, H.
J. Flow Injection Anal., **23**, 38-47 (2006)

8402. High-precision, automated stable isotope analysis of atmospheric methane and carbon dioxide using continuous-flow isotope-ratio mass spectrometry
Fisher, R.; Lowry, D.; Wilkin, O.; Sriskantharajah, S.; Nisbet, E.G.
Rapid Commun. Mass Sp., **20**, 200-208 (2006)

8403. Microfluidic pH-sensing chips integrated with pneumatic fluid-control devices
Lin, C.-F.; Lee, G.-B.; Wang, C.-H.; Lee, H.-H.; Liao, W.-Y.; Chou, T.-C.
Biosens. Bioelectron., **21**, 1468-1475 (2006)

8404. A micro-immuno supported liquid membrane assay (mu-ISLMA)
Tudorache, M.; Emneus, J.
Biosens. Bioelectron., **21**, 1513-1520 (2006)

8405. Miniaturized one-chip electrochemical sensing device integrated with a dialysis membrane and double thin-layer flow channels for measuring blood samples
Kurita, R.; Yabumoto, N.; Niwa, O.
Biosens. Bioelectron., **21**, 1649-1653 (2006)

8406. A versatile QCM matrix system for online and high-throughput bio-sensing
Huang, G.S.; Wang, M.-T.; Hong, M.-Y.
Analyst, **131**, 382-387 (2006)

8407. Subcritical water extraction and determination of nifedipine in pharmaceutical formulations
Richter, P.; Toral, M.I.; Toledo, C.
J. AOAC Int., **89**, 365-368 (2006)

8408. A rapid test for heroin (3,6-diacetylmorphine) based on two chemiluminescence reactions
Agg, K.M.; Craddock, A.F.; Bos, R.; Francis, P.S.; Lewis, S.W.; Barnett, N.W.
J. Forensic Sci., **51**, 1080-1084 (2006)

8409. Speciation of Antimony by Preconcentration of Sb(III) and Sb(V) in Water Samples onto Nanometer-size Titanium Dioxide and Selective Determination by Flow Injection-Hydride Generation-Atomic Absorption Spectrometry
Zheng, F.-Y.; Qian, S.-H.; Li, S.-X.; Huang, X.-Q.; Lin, L.-X.
Anal. Sci., **22**, 1319-1322 (2006)

8410. Flow injection chemiluminescence determination of femtogram-level cobalt in egg yolk, fish tissue and human serum
Song, Z.; Yue, Q.; Wang, C.
Food Chem., **94**, 457-463 (2006)

8411. Evaluation of focused ultrasound and ozonolysis as sample treatment for direct determination of mercury by FI-CV-AAS. Optimization of parameters by full factorial design
Capelo, J.L.; Maduro, C.; Mota, A.M.
Ultrason. Sonochem., **13**, 98-106 (2006)

8412. Sequential Injection System for the Enzymatic Determination of Ethanol in Wine
Pascoa, R.N.M.J.; Vidigal, S.S.M.P.; Toth, I.V.; Rangel, A.O.S.S.
J. Agr. Food Chem., **54**, 19-23 (2006)

8413. On-line dynamic extraction and automated determination of readily bioavailable hexavalent chromium in solid substrates using micro-sequential injection bead-injection lab-on-valve hyphenated with electrothermal atomic absorption spectrometry
Long, X.; Miro, M.; Hansen, E.H.
Analyst, **131**, 132-140 (2006)

8414. Automatic determination of phylloquinone in vegetables and fruits using on-line photochemical reduction and fluorescence detection via solid phase extraction and flow injection
Perez-Ruiz, T.; Martinez-Lozano, C.; Martin, J.; Garcia, M.D.
Anal. Bioanal. Chem., **384**, 280-285 (2006)

8415. Flow-injection determination of iron(III) in soil by biamperometry using two independent redox couples
Chen, J.-Q.; Gao, W.; Song, J.-F.
Sensor. Actuat. B-Chem., **B113**, 194-200 (2006)

8416. A community-wide intercomparison exercise for the determination of dissolved iron in seawater
Bowie, A.R.; Achterberg, E.P.; Croot, P.L.; de Baar, H.J.W.; Laan, P.; Moffett, J.W.; Ussher, S.; Worsfold, P.J.
Mar. Chem., **98**, 81-99 (2006)

8417. Fluorimetric determination of aminocaproic acid in pharmaceutical formulations using a sequential injection analysis system
Pinto, P.C.A.G.; Saraiva, M.L.M.F.S.; Santos, J.L.M.; Lima, J.L.F.C.
Talanta, **68**, 857-862 (2006)

8418. Spectrophotometric determination of sulphate in automotive fuel ethanol by sequential injection analysis using dimethylsulphonazo(III) reaction
Santos de Oliveira, F.; Korn, M.
Talanta, **68**, 992-999 (2006)

8419. A chemiluminescence method for the detection of electrochemically generated H_2O_2 and ferryl porphyrin
Rana, S.; Tamagake, K.
Bioelectrochemistry, **68**, 31-39 (2006)

8420. Characterization of natural chitosan membranes from the carapace of the soldier crab Mictyris brevidactylus and its application to immobilize glucose oxidase in amperometric flow-injection biosensing system
Chen, P.-C.; Hsieh, B.-C.; Chen, R.L.C.; Wang, T.-Y.; Hsiao, H.-Y.; Cheng, T.-J.
Bioelectrochemistry, **68**, 72-80 (2006)

8421. Continuous potentiometric monitoring of viagra (sildenafil) in pharmaceutical preparations using novel membrane sensors
Hassan, S.S.M.; Elnemma, E.M.; Mahmoud, W.H.; Mohammed, A.H.K.
J. Appl. Electrochem., **36**, 139-146 (2006)

8422. On-line determination of silver in natural waters by inductively-coupled plasma mass spectrometry: Influence of organic matter
Ndung'u, K.; Ranville, M.A.; Franks, R.P.; Flegal, A.R.
Mar. Chem., **98**, 109-120 (2006)

8423. Application of sequential injection analysis to pharmaceutical analysis
Pimenta, A.M.; Montenegro, M.C.B.S.M.; Araujo, A.N.; Calatayud, J.M.

J. Pharm. Biomed. Anal., **40**, 16-34 (2006)

8424. Automated method, based on micro-sequential injection, for the study of enzyme kinetics and inhibition
Chen, Y.; Carroll, A.D.; Scampavia, L.; Ruzicka, J.
Anal. Sci., **22**, 9-14 (2006)

8425. Electrochemical immunoassay for vitellogenin based on sequential injection using antigen-immobilized magnetic microbeads
Hirakawa, K.; Katayama, M.; Soh, N.; Nakano, K.; Imato, T.
Anal. Sci., **22**, 81-86 (2006)

8426. Cost-effective flow cell for the determination of malachite green and leucomalachite green at a boron-doped diamond thin-film electrode
Ngamukot, P.; Charoenraks, T.; Chailapakul, O.; Motomizu, S.; Chuanuwatanakul, S.
Anal. Sci., **22**, 111-116 (2006)

8427. Sequential injection analysis for the simultaneous determination of clavulanic acid and amoxicillin in pharmaceuticals using second-order calibration
Pasamontes, A.; Callao, M.P.
Anal. Sci., **22**, 131-135 (2006)

8428. Development of sequential injection-lab-at-valve (SI-LAV) micro-extraction instrumentation for the spectrophotometric determination of an anionic surfactant
Burakham, R.; Jakmunee, J.; Grudpan, K.
Anal. Sci., **22**, 137-140 (2006)

8429. Simple sequential injection analysis systems with a dynamic surface tension detector
Lenghor, N.; Jakmunee, J.; Prazen, B.J.; Synovec, R.E.; Christian, G.D.; Grudpan, K.
Anal. Sci., **22**, 147-151 (2006)

8430. Sequential injection titration with spectrophotometric detection for the assay of acidity in fruit juices
Jakmunee, J.; Rujiralai, T.; Grudpan, K.
Anal. Sci., **22**, 157-160 (2006)

8431. Analyzing a kinetic titration series using affinity biosensors
Karlsson, R.; Katsamba, P.S.; Nordin, H.; Pol, E.; Myszka, D.G.
Anal. Biochem., **349**, 136-147 (2006)

8432. Automated SIA e-tongue employing a voltammetric biosensor array for the simultaneous determination of glucose and ascorbic acid
Gutes, A.; Ibanez, A.B.; del Valle, M.; Cespedes, F.
Electroanalysis, **18**, 82-88 (2006)

8433. Investigation of Photoinduced Sensitized Chemiluminescence by Sulfonated Phthalocyanines Using Flow Injection Technology
Wang, J.; Jiang, Z.; Chen, N.; Huang, J.
Microchim. Acta, **153**, 79-85 (2006)

8434. Amperometric glucose biosensor based on self-assembling glucose oxidase on carbon nanotubes
Liu, G.; Lin, Y.
Electrochem. Commun., **8**, 251-256 (2006)

8435. Tetrathiafulvalene thiolated derivatives self-assembled monolayers as platforms for the construction of electrochemical biosensors
Campuzano, S.; Pedrero, M.; Montemayor, C.; Fatas, E.; Pingarron, J.M.
Electrochem. Commun., **8**, 299-304 (2006)

8436. Quantum dots modified electrode and its application in electroanalysis of hemoglobin
Liu, M.; Shi, G.; Zhang, L.; Cheng, Y.; Jin, L.
Electrochem. Commun., **8**, 305-310 (2006)

8437. Amperometric biosensor for hydrogen peroxide based on ferrocene-bovine serum albumin and multiwall carbon nanotube modified ormosil composite
Tripathi, V.S.; Kandimalla, V.B.; Ju, H.
Biosens. Bioelectron., **21**, 1529-1535 (2006)

8438. One-step screen-printed electrode modified in its bulk with HRP based on direct electron transfer for hydrogen peroxide detection in flow injection mode
Ledru, S.; Ruille, N.; Boujtita, M.
Biosens. Bioelectron., **21**, 1591-1598 (2006)

8439. Sample flow switching techniques on microfluidic chips
Pan, Y.-J.; Lin, J.-J.; Luo, W.-J.; Yang, R.-J.
Biosens. Bioelectron., **21**, 1644-1648 (2006)

8440. Determination of ambroxol hydrochloride, methylparaben and benzoic acid in pharmaceutical preparations based on sequential injection technique coupled with monolithic column
Satinsky, D.; Huclova, J.; Ferreira, R.L.C.; Montenegro, M.C.B.S.M.; Solich, P.
J. Pharm. Biomed. Anal., **40**, 287-293 (2006)

8441. Power-free sequential injection for microchip immunoassay toward point-of-care testing
Hosokawa, K.; Omata, M.; Sato, K.; Maeda, M.
Lab Chip, **6**, 236-241(2006).

8442. Sequential Injection Analysis System for the Sandwich Hybridization-Based Detection of Nucleic Acids
Edwards, K.A.; Baeumner, A.J.
Anal. Chem., **78**, 1958-196. (2006)

8443. Use of an electrochemical method to evaluate the antioxidant activity of herb extracts from the Labiatae family
Cosio, M.S.; Buratti, S.; Mannino, S.; Benedetti, S.
Food Chem., **97**, 725-731 (2006)

8444. Simultaneous Determination of Water-Soluble Vitamins in Human Urine by Fluorescence in a Flow-Injection Analysis
Wang, L.-H.; Hung, H.-C.
J. Liq. Chromatogr. R. T., **29**, 329-338 (2006)

8445. Amperometric determination of acetate with a tri-enzyme based sensor
Mieliauskiene, R.; Nistor, M.; Laurinavicius, V.; Csoeregi, E.
Sensor. Actuat. B-Chem., **B113**, 671-676 (2006)

8446. Thick-film potentiometric biosensor for bloodless monitoring of hemodialysis
Tymecki, L.; Koncki, R.
Sensor. Actuat. B-Chem., **B113**, 782-786 (2006)

8447. Binding of acetylcholinesterase to multiwall carbon nanotube-cross-linked chitosan composite for flow-injection amperometric detection of an organophosphorous insecticide
Kandimalla, V.B.; Ju, H.
Chem.-Eur. J., **12**, 1074-1080 (2006)

8448. Flow injection analysis for metallic materials
Hayashibe, Y.
Bunseki, 9-14 (2006)

8449. Flow Injection Analysis of Polymeric Excipients Used in Pharmaceutical Formulations
Meehan, E.
Int. J. Polym. Anal. Ch., **11**, 35-45 (2006)

8450. Flow injection analysis of reserpine with inhibited chemiluminescent detection
Li, S.-f.; Wei, X.-w.; Xiao, Y.-l.; Zhu, C.-q.
Fenxi Shiyanshi, **25**, 29-32 (2006)

8451. Flow injection analysis of mercaptopurine with enhanced chemiluminescence detection
Zhao, D.-h.; Zi, Y.-q.
Fenxi Shiyanshi, **25**, 65-68 (2006)

8452. Flow injection-chemiluminescence determination of three classes of sulfa drugs
He, Y.-h.; Zhu, X.-h.; Lu, J.-r.
Fenxi Shiyanshi, **25**, 69-72 (2006)

8453. Determination of ascorbic acid in drug formulations using sequential injection analysis with chemiluminescence detection

Xu, X.-n.; Wang, N.-z.; Fan, S.-h.
Fenxi Shiyanshi, **25**, 76-79 (2006)

8454. Sequential-injection determination of traces of disodium phenyldibenzimidazoletetrasulphonate in urine from users of sunscreens by on-line solid-phase extraction coupled with a fluorimetric detector
Balaguer, A.; Chisvert, A.; Salvador, A.
J. Pharm. Biomed. Anal., **40**, 922-927 (2006)

8455. ATR-FTIR membrane-based sensor for the simultaneous determination of surfactant and oil total indices in industrial degreasing baths
Lucena, R.; Cardenas, S.; Gallego, M.; Valcarcel, M.
Analyst, **131**, 415-421 (2006)

8456. The Determination of Albendazole by Flow Injection Analysis Method Using UV-Detection and HPLC Method in Suspensions
Atkosar, Z.; Altiokka, G.
J. Liq. Chromatogr. R. T., **29**, 849-856 (2006)

8457. Gas-diffusion flow injection assay for the selective determination of chlorine dioxide based on the fluorescence quenching of chromotropic acid
Themelis, D.G.; Kika, F.S.
Microchem. J., **82**, 108-112 (2006)

8458. Sensing of trace amounts of cadmium in drinking water using a single fluorescence-based optosensor
Garcia-Reyes, J.F.; Ortega-Barrales, P.; Molina-Diaz, A.
Microchem. J., **82**, 94-99 (2006)

8459. Automated On-Line Renewable Solid-Phase Extraction-Liquid Chromatography Exploiting Multisyringe Flow Injection-Bead Injection Lab-on-Valve Analysis
Quintana, J.B.; Miro, M.; Estela, J.M.; Cerda, V.
Anal. Chem., **78**, 2832-2840 (2006)

8460. Multicommutated flow techniques for developing analytical methods
Cerda, V.; Pons, C.
TrAC-Trends Anal. Chem., **25**, 236-242 (2006)

8461. Solid reactors in sequential injection analysis: recent trends in the environmental field
Miro, M.; Hansen, E.H.
TrAC-Trends Anal. Chem., **25**, 267-281 (2006)

8462. Polymer Chains in Confined Spaces and Flow-Injection Problems: Some Remarks
Sakaue, T.; Raphaeel, E.
Macromolecules, **39**, 2621-2628 (2006)

8463. Application of an automated fluidic system using electrochemical bead-based immunoassay to detect the bacteriophage MS2 and ovalbumin
Kuramitz, H.; Dziewatkoski, M.; Barnett, B.; Halsall, H.B.; Heineman, W.R.
Anal. Chim. Acta, **561**, 69-77 (2006)

8464. Potentiometric determination of ultratrace amounts of fluoride enriched by zirconia in a flow system
Hosseini, M.S.; Rahiminegad, H.
J. Anal. Chem., **61**, 166-171 (2006)

8465. Flow Analysis Techniques for Spatial and Temporal Measurement of Nutrients in Aquatic Systems
Gray, S.; Hanrahan, G.; McKelvie, I.; Tappin, A.; Tse, F.; Worsfold, P.
Environmental Chemistry, **3**, 3-18 (2006)

8466. On-line removal of sulfide interference in phosphate determination by flow injection analysis
Grace, M.; Udnan, Y.; McKelvie, I.; Jakmunee, J.; Grudpan, K.
Environmental Chemistry, **3**, 19-25 (2006)

8467. The Potentials of the Third Generation of Flow Injection Analysis for Nutrient Monitoring and Fractionation Analysis
Miro, M.; Hansen, E.H.; Buanuam, J.
Environmental Chemistry, **3**, 26-30 (2006)

8468. Rapid method for the analysis of plutonium isotopes in a soil sample within 60 min
Ohtsuka, Y.; Takaku, Y.; Nishimura, K.; Kimura, J.; Hisamatsu, S.; Inaba, J.
Anal. Sci., **22**, 309-311 (2006)

8469. Approaches for the Simultaneous Extraction of Tetrabromobisphenol A, Tetrachlorobisphenol A, and Related Phenolic Compounds from Sewage Sludge and Sediment Samples Based on Matrix Solid-Phase Dispersion
Blanco, E.; Casais, M.C.; Mejuto, M.C.; Cela, R.
Anal. Chem., **78**, 2772-2778 (2006)

8470. Determination of gossypol in trace level by flow injection analysis with chemiluminescence detection
Xue, B.C.; Liu, E.B.
Chinese Chem. Lett., **17**, 57-60 (2006)

8471. A sequential injection-liquid core waveguide-laser induced fluorescence microfluidic system for deoxyribonucleic acid separation
Wang, S.; Xu, Z.; Fan, X.; Fang, Z.
Fenxi Huaxue, **34**, 145-149 (2006)

8472. Determination of pyrogallol in water using peroxyl radical reaction by flow injection chemiluminescence
He, C.; He, D.; Zhang, Z.
Fenxi Huaxue, **34**, 216-218 (2006)

8473. A small low-pressure electroosmotic pump
Tan, F.; Yang, B.; Guan, Y.
Fenxi Huaxue, **34**, 280-282 (2006)

8474. Flow Injection Photoamperometric Investigation of Ascorbic Acid Using Methylene Blue Immobilized on Titanium Phosphate
Dilgin, Y.; Nisli, G.
Anal. Lett., **39**, 451-465 (2006)

8475. Sequential Flow Injection Analysis System On-Line Coupled to High Intensity Focused Ultrasound: Green Methodology for Trace Analysis Applications As Demonstrated for the Determination of Inorganic and Total Mercury in Waters and Urine by Cold Vapor Atomic Absorption Spectrometry
Fernandez, C.; Conceicao, A.C.L.; Rial-Otero, R.; Vaz, C.; Capelo, J.L.
Anal. Chem., **78**, 2494-2499 (2006)

8476. Investigation on the interaction between dihydroxybenzene and Fe^{3+}-H_2O_2-Rh6G system based on enhancing chemiluminescence
He, D.; Zhang, Z.; He, C.
Luminescence, **21**, 15-19 (2006)

8477. Flow injection chemiluminescence determination of isoniazid using the lucigeninperiodate system
Du, J.; Lu, J.
Luminescence, **21**, 26-30 (2006)

8478. Flow-injection determination of streptomycin residues in milk using the luminol-periodate-Mn^{2+} chemiluminescence system
Wan, G.-H.; Cui, H.; Zheng, H.-S.; Pang, Y.-Q.; Liu, L.-J.; Yu, X.-F.
Luminescence, **21**, 36-42 (2006)

8479. Sensitive determination of synephrine by flow-injection chemiluminescence
Li, Q.; Huang, C.; Huang, Y.
Luminescence, **21**, 43-48 (2006)

8480. Construction and evaluation of PVC and sol-gel sensor membranes based on Mn(III)TPP-Cl. Application to valproate determination in pharmaceutical preparations
Santos, E.M.G.; Araujo, A.N.; Couto, C.M.C.M.; Montenegro, M.C.B.S.M.
Anal. Bioanal. Chem., **384**, 867-875 (2006)

8481. Comparison of traditional cloud-point extraction and on-line flow-injection cloud-point extraction with a chemiluminescence method using benzo[a]pyrene as a

marker
Song, G.Q.; Lu, C.; Hayakawa, K.; Lin, J.-M.
Anal. Bioanal. Chem., **384**, 1007-1012 (2006)

8482. Fluidized beds in flow analysis: use with ion-exchange separation for spectrophotometric determination of zinc in plant digests
Ribeiro, M.F.T.; Dias, A.C.B.; Santos, J.L.M.; Lima, J.L.F.C.; Zagatto, E.A.G.
Anal. Bioanal. Chem., **384**, 1019-1024 (2006)

8483. Flow-injection enhanced chemiluminescence method for determination of ciprofloxacin in pharmaceutical preparations and biological fluids
Sun, H.-W.; Li, L.-Q.; Chen, X.-Y.
Anal. Bioanal. Chem., **384**, 1314-1319 (2006)

8484. Virtual instrument for an automated potentiometric e-tongue employing the SIA technique
Duran, A.; Cortina, M.; Velasco, L.; Rodriguez, J.A.; Alegret, S.; del Valle, M.
Sensors, **6**, 19-29 (2006)

8485. Determination of kanamycin using flow injection analysis coupled with resonance Rayleigh scattering detection
Hu, X.; Liu, S.; Liu, Z.
Bull. Chem. Soc. Jpn., **79**, 247-251 (2006)

8486. Flow injection analysis with diode array absorbance detection and dynamic surface tension detection for studying denaturation and surface activity of globular proteins
Bramanti, E.; Allegrini, C.; Onor, M.; Raspi, G.; Skogerboe, K.J.; Synovec, R.E.
Anal. Biochem., **351**, 100-113 (2006)

8487. Determination of cyanide in drinking water by continuous flow-injection-photometry
Zhang, T.-y. Zhao, L.-j.
Huanjing Yu Jiankang Zazhi, **23**, 72-73 (2006)

8488. Microchip-electrochemistry route for rapid screening of hydroquinone and arbutin from miscellaneous samples: Investigation of the robustness of a simple cross-injector system
Crevillen, A.G.; Barrigas, I.; Blasco, A.J.; Gonzalez, M.C.; Escarpa, A.
Anal. Chim. Acta, **562**, 137-144 (2006)

8489. A coulometric flow cell for in-line generation of reagent, titrant or standard solutions
Oliveira, S.C.B.; Coelho, E.C.S.; Selva, T.M.G.; Santos, F.P.; Araujo, M.C.U.; Abreu, F.C.; Nascimento, V.B.
Microchem. J., **82**, 220-225 (2006)

8490. Continuous Flow Analytical Microsystems Based on Low-Temperature Co-Fired Ceramic Technology. Integrated Potentiometric Detection Based on Solvent Polymeric Ion-Selective Electrodes
Ibanez-Garcia, N.; Mercader, M.B.; Da Rocha, Z.M.; Seabra, C.A.; Gongora-Rubio, M.R.; Chamarro, J.A.
Anal. Chem., **78**, 2985-2992 (2006)

8491. Automated multicommutated flow system for flame atomic spectroscopy determination of rubidium at high concentrations
Lopes, C.M.P.V.; Almeida, A.A.; Santos, J.L.M.; Lima, J.L.F.C.
Atom. Spectrosc., **27**, 13-18 (2006)

8492. Ultrasound-enhanced flow injection chemiluminescence for determination of hydrogen peroxide
Greenway, G.M.; Leelasattarathkul, T.; Liawruangrath, S.; Wheatley, R.A.; Youngvises, N.
Analyst, **131**, 501-508 (2006)

8493. Amperometric choline biosensor fabricated through electrostatic assembly of bienzyme/polyelectrolyte hybrid layers on carbon nanotubes
Wang, J.; Liu, G.; Lin, Y.
Analyst, **131**, 477-483 (2006)

8494. Determination of thallium in ore and wastewater samples by flow injection/coupled chemiluminescence reaction
Wu, Z.-h.; Li, G.-m.; Wang, J.-z.; Liu, K.-z.; Liu, X.-h.; Fan, S.-l.
Fenxi Shiyanshi, **25**, 4-6 (2006)

8495. Flow injection chemiluminescence determination of cefazolin sodium
Zhang, D.-y.; Ma, Y.-j.; Zhou, M.; Yang, Y.-q.; Zhou, X.-y.; Chen, H.
Fenxi Shiyanshi, **25**, 44-47 (2006)

8496. Determination of doxium by flow injection analysis with cerium sulfate and sodium sulfite chemiluminescence
Ma, D.-m.; Wei, Y.-f.
Fenxi Shiyanshi, **25**, 48-50 (2006)

8497. Analysis of fluid flow and reaction kinetics in a flow injection analysis biosensor
Lammertyn, J.; Verboven, P.; Veraverbeke, E.A.; Vermeir, S.; Irudayaraj, J.; Nicolai, B.M.
Sensor. Actuat. B-Chem., **B114**, 728-736 (2006)

8498. FIA - the CD-ROM. Flow injection analysis: CD-Rom tutorial by Jaromir Ruzicka, 3rd edition, 2005
Hansen, E.H.
TrAC-Trends Anal. Chem., **25**, I-II (2006)

8499. Permanent length of a stain detector with nonimmobilized reagent
Pakniat, M.
J. Anal. Chem., **61**, 289-294 (2006)

8500. Rapid determination of subnanogram urapidil using flow injection enhancement chemiluminescence
Yue, Q.; Song, Z.; Wang, C.
J. Anal. Chem., **61**, 295-299 (2006)

8501. Determination of melatonin by flow injection chemiluminescence method
Zhou, F.-l.; Zhang, Z.-j.; Luo, Li-r.
Fenxi Shiyanshi, **25**, 25-27 (2006)

8502. Chemiluminescence determination of sparfloxacin by flow injection analysis
Shi, J.; Cao, F.-p.; Zhao, K.-l.; Song, Q.-g.
Fenxi Shiyanshi, **25**, 89-91 (2006)

8503. On-line preconcentration and determination of vanadium in tap and river water samples by flow injection-inductively coupled plasma-optical emission spectrometry (FI-ICP-OES)
Moyano, S.; Polla, G.; Smichowski, P.; Gasquez, J.A.; Martinez, L.D.
J. Anal. Atom. Spectrom., **21**, 422-426 (2006)

8504. Simultaneous determination of iron, copper and cobalt in food samples by CCD-diode array detection-flow injection analysis with partial least squares calibration model
Mi, J.; Li, Y.; Zhou, X.; Zheng, B.; Zhou, Y.
Journal of Physics: Conference Series, **28**, 66-69 (2006)

8505. Flow injection chemiluminescence immunoassay for 17β-estradiol using an immunoaffinity column
Wang, S.; Lin, S.; Du, L.; Zhuang, H.
Anal. Bioanal. Chem., **384**, 1186-1190 (2006)

8506. Flow injection chemiluminescence analysis of phenolic compounds using the NCS-luminol system
Haghighi, B.; Dadashvand, R.
Anal. Bioanal. Chem., **384**, 1246-1253 (2006)

8507. Determination of Pd(II) with flame atomic absorption spectrometry after flow injection on-line microcolumn preconcentration and separation with thiourea-formaldehyde resin immobilized silica gel as packing
Liu, P.; Wu, X.; Pu, Q.; Su, Z.
Indian J. Chem. A, **45A**, 635-638 (2006)

8508. Flow injection spectrophotometric determination of the antibacterial levofloxacin in tablets and human urine
Al-Momani, I.
Anal. Lett., **39**, 741-750 (2006)

8509. Inductively Coupled Plasma Optical Emission Spectrometric Determination of Gadolinium in Urine Using Flow Injection On-Line Sorption Preconcentration in a Knotted Reactor
Salonia, J.; Gasquez, J.; Martinez, L.; Cerutti, S.; Kaplan, M.; Olsina, R.
Instrum. Sci. Technol., **34**, 305-316 (2006)

8510. Separation and determination of honokiol and magnolol in herbal medicines by flow injection-capillary electrophoresis
Liu, L.; Wu, X.; Fan, L.; Chen, X.; Hu, Z.
Anal. Bioanal. Chem., **384**, 1533-1539 (2006)

8511. A windowless flow cell-based miniaturized fluorescence detector for capillary flow systems
Xu, J.; Yang, B.-C.; Tian, H.-Z.; Guan, Y.-F.
Anal. Bioanal. Chem., **384**, 1590-1593 (2006)

8512. Ink-jet microchip interface between liquid flow and flame-ionization detector
Nishiyama, T.; Endo, F.; Eguchi, H.; Tsunokawa, J.; Nakagama, T.; Seino, N.; Shinoda, M.; Shimosaka, T.; Hobo, T.; Uchiyama, K.
Chem. Lett., **35**, 272-273 (2006)

8513. FIA (flow injection anal.) system for trace metal contamination in process of automation of semiconductor integrated circuit fabrication
Matsuyoshi, Y.; Haji, S.; Urabe, K.
Denshi Zairyo, **45**, 73-76 (2006)

8514. Evaluation of on-line desalter-inductively coupled plasma-mass spectrometry system for determination of Cr(III), Cr(VI), and total chromium concentrations in natural water and urine samples
Sun, Y.C.; Lin, C.Y.; Wu, S.F.; Chung, Y.T.
Spectrochim. Acta B, **61B**, 230-234 (2006)

8515. FIA-fluorimetric determination of the pesticide 3-indolyl acetic acid
Calatayud, J.M.; Ascencao, J.G.; Albert-Garcia, J.R.
J. Fluoresc., **16**, 61-67 (2006)

8516. A new flow-injection chemiluminescence method for the determination of acyclovir and gancyclovir
Wang, N.; Tang, Y.; Xiong, X.; Han, X.; Yu, C.
Anal. Lett., **39**, 973-983 (2006)

8517. Collection, focusing, and metering of DNA in microchannels using addressable electrode arrays for portable low-power bioanalysis
Shaikh, F.A.; Ugaz, V.M.
P. Natl. Acad. Sci. USA, **103**, 4825-4830 (2006)

8518. Online Flow Injection Preconcentration and Flame Atomic Absorption Spectrometric Determination of Palladium(II) Using Inorganic and Inorganic-Organic Hybrid Materials-Packed Microcolumns
Praveen, R.; Daniel, S.; Rao, T.
Anal. Lett., **39**, 1187-1199 (2006)

8519. In Vitro Monitoring of Picogram Levels of Captopril in Human Urine Using Flow Injection Chemiluminescence with Immobilized Reagent Technique
Song, Z.; Hou, S.; Yu, X.; Xie, X.; Shao, X.
Anal. Lett., **39**, 1115-1127 (2006)

8520. A Multi-Element Flow Injection System for Heavy Metals Determination
Nezio, M.; Palomeque, M.; Fernandez Band, B.
Anal. Lett., **39**, 1211-1228 (2006)

8521. Electrochemical Oxidation of Oxalic Acid at Highly Boron-Doped Diamond Electrodes
Ivandini, T.A.; Rao, T.N.; Fujishima, A.; Einaga, Y.
Anal. Chem., **78**, 3467-3471 (2006)

8522. A flow injection voltammetric electronic tongue applied to paper mill industrial waters
Gutes, A.; Cespedes, F.; del Valle, M.; Louthander, D.; Krantz-Ruelcker, C.; Winquist, F.
Sensor. Actuat. B-Chem., **B115**, 390-395 (2006)

8523. Ultrasensitive determination of amoxicillin using chemiluminescence with flow injection analysis
Xie, X.; Song, Z.
Spectroscopy, **20**, 37-43 (2006)

8524. Optimization and validation of a dissolution test for famotidine tablets using flow injection analysis
Tzanavaras, P.D.; Verdoukas, A.; Balloma, T.
J. Pharm. Biomed. Anal., **41**, 437-441 (2006)

8525. Determination of cefmetazole residue at pharmaceutical manufacturing facilities by chemiluminescence flow injection analysis
Fukutsu, N.; Konse, T.; Kawasaki, T.; Saito, K.; Nakazawa, H.
J. Pharm. Biomed. Anal., **41**, 599-602 (2006)

8526. Flow injection determination of adenine at trace level based on luminol-$K_2Cr_2O_7$ chemiluminescence in a micellar medium
Liu, E.; Xue, B.
J. Pharm. Biomed. Anal., **41**, 649-653 (2006)

8527. Rapid determination of clindamycin in medicine with myoglobin-luminol chemiluminescence system
Shao, X.; Xie, X.; Liu, Y.; Song, Z.
J. Pharm. Biomed. Anal., **41**, 667-670 (2006)

8528. Speciation of chromium by in-capillary derivatization and electrophoretically mediated microanalysis
Priego-Capote, F.; Luque de Castro, M.D.
J. Chromatogr. A, **1113**, 244-250 (2006)

8529. Exploting gas diffusion for non-invasive sampling in flow analysis: determination of ethanol in alcoholic beverages
Vicente, S.; Zagatto, E.A.G.; Pinto, P.C.A.G.; Saraiva, M.L.M.E.S.; Lima, J.L.F.C.; Borges, E.P.
An. Acad. Bras. Cienc., **78**, 23-29 (2006)

8530. Spectrophotometric flow-injection determination of total reducing sugars exploiting their alkaline degradation
Alves, E.R.; Fortes, P.R.; Borges, E.P.; Zagatto, E.A.G.
Anal. Chim. Acta, **564**, 231-235 (2006)

8531. Rapid response optical ion/gas sensors using dimer-monomer metalloporphyrin equilibrium in ultrathin polymeric films coated on waveguides
Kang, Y.; Meyerhoff, M.E.
Anal. Chim. Acta, **565**, 1-9 (2006)

8532. An interference-free first generation alcohol biosensor based on a gold electrode modified by an overoxidised non-conducting polypyrrole film
Carelli, D.; Centonze, D.; De Giglio, A.; Quinto, M.; Zambonin, P.G.
Anal. Chim. Acta, **565**, 27-35 (2006)

8533. The effects of solvent preoxidation on inhibited chemiluminescence of pyrogallol oxidation in flow injection analysis and liquid chromatography
Tsogas, G.Z.; Giokas, D.L.; Vlessidis, At.G.; Evmiridis, N.P.
Anal. Chim. Acta, **565**, 56-62 (2006)

8534. Recent Advances and Perspectives in Analytical Methodologies for Monitoring the Bioavailability of Trace Metals in Environmental Solid Substrates
Miro, M.; Hansen, E.H.
Microchim. Acta, **154**, 3-13 (2006)

8535. A fast sequential injection analysis system for the simultaneous determination of ammonia and phosphate
Frank, C.; Schroeder, F.; Ebinghaus, R.; Ruck, W.
Microchim. Acta, **154**, 31-38 (2006)

8536. Challenges in the determination of nutrient species in natural waters
Worsfold, P.J.
Microchim. Acta, **154**, 45-48 (2006)

8537. An automatic flow injection analysis procedure for photometric determination of ethanol in red wine without using a chromogenic reagent

Borges, S.S.; Frizzarin, R.M.; Reis, B.F.
Anal. Bioanal. Chem., **385**, 197-202 (2006)

8538. Chemiluminescence determination of metformin based on hydroxyl radical reaction and molecularly imprinted polymer on-line enrichment
He, C.; Zhang, Z.; He, D.; Xiong, Y.
Anal. Bioanal. Chem., **385**, 128-133 (2006)

8539. Separation of Plasma from Whole Human Blood in a Continuous Cross-Flow in a Molded Microfluidic Device
VanDelinder, V.; Groisman, A.
Anal. Chem., **78**, 3765-3771 (2006)

8540. Comparative Study on Three Different Systems of Chemiluminescence Flow-Injection Determination of Leucogen
Rao, Z.; Lu, Q.; Fang, L.; She, L.; Yan, H.; Chen, W.
Spectrosc. Lett., **39**, 249-264 (2006)

8541. ^{234}U and ^{230}Th determination by FIA-ICP-MS and application to uranium-series disequilibrium in marine samples
Godoy, M.L.D.P.; Godoy, J.M.; Kowsmann, R.; dos Santos, G.M.; Petinatti da Cruz, R.
J. Environ. Radioactiv., **88**, 109-117 (2006)

8542. Study of analysis the flow injection - chemiluminescence kinetic curve of Au and Pt
Liu, M.Y.; Wang, H.X.; Zhang, H.T.; Chen, S.G.; Wang, H.Y.
Jisuanji Yu Yingyong Huaxue, **23**, 190-192 (2006)

8543. Spectrophotometric determination of Blue Procion HEGN in effluents of textile industry exploiting the dye aggregation effect and flow injection analysis
Almeida, V.C.; Costa, W.F.; Nozaki, J.; Oliveira, C.C.
Anal. Sci., **22**, 445-448 (2006)

8544. Spectrophotometric determination of arsenic in steels by FIA using filter-tube concentration method
Watanabe, K.; Osawa, T.; Iwata, J.; Itagaki, M.
Bunseki Kagaku, **55**, 251-257 (2006)

8545. Amperometric biosensors based on two different enzyme systems and their use for glycerol determination in samples from biotechnological fermentation process
Katrlik, J.; Mastihuba, V.; Vostiar, I.; Sefcovicova, J.; Stefuca, V.; Gemeiner, P.
Anal. Chim. Acta, **566**, 11-18 (2006)

8546. Optimisation of microwave assisted digestion of sediments and determination of Sn and Hg
Navarro, P.; Raposo, J.C.; Arana, G.; Etxebarria, N.
Anal. Chim. Acta, **566**, 37-44 (2006)

8547. Bienzymatic analytical microreactors for glucose, lactate, ethanol, galactose and l-amino acid monitoring in cell culture media
Vojinovic, V.; Esteves, F.M.F.; Cabral, J.M.S.; Fonseca, L.P.
Anal. Chim. Acta, **565**, 240-249 (2006)

8548. Flow injection determination of peroxide value in edible oils using triiodide detector
Saad, B.; Wai, W.T.; Lim, B.P.; Saleh, M.I.
Anal. Chim. Acta, **565**, 261-270 (2006)

8549. Design and fabrication of a multilayered polymer microfluidic chip with nanofluidic interconnects via adhesive contact printing
Flachsbart, B.R.; Wong, K.; Iannacone, J.M.; Abante, E.N.; Vlach, R.L.; Rauchfuss, P.A.; Bohn, P.W.; Sweedler, J.V.; Shannon, M.A.
Lab Chip, **6**, 667-674 (2006)

8550. On-chip pressure injection for integration of infrared-mediated DNA amplification with electrophoretic separation
Easley, C.J.; Karlinsey, J.M.; Landers, J.P.
Lab Chip, **6**, 601-610. (2006)

8551. Resolution of an intense sweetener mixture by use of a flow injection sensor with on-line solid-phase extraction
Capitan-Vallvey, L.F.; Valencia, M.C.; Nicolas, E.A.; Garcia-Jimenez, J.F.
Anal. Bioanal. Chem., **385**, 385-391 (2006)

8552. Flow-injection determination of water-soluble vitamins B1, B2, and B6 from the electrocatalytic response of a graphite electrode modified with a ruthenium (III) hexacyanoruthenate (II) film
Shaidarova, L.G.; Davletshina, L.N.; Budnikov, G.K.
J. Anal. Chem., **61**, 502-509 (2006)

8553. Sequential/bead injection lab-on-valve incorporating a renewable microcolumn for co-precipitate preconcentration of cadmium coupled to hydride generation atomic fluorescence spectrometry
Wang, Y.; Chen, M.-L.; Wang, J.-H.
J. Anal. Atom. Spectrom., **21**, 535-538 (2006)

8554. Determination of trihydroxyphenols by flow injection analysis (FIA) with chemiluminescence detection
Dolejsova, J.; Polasek, M.; Solich, P.; Karlicek, R.
Folia Pharmaceutica Universitatis Carolinae, **33**, 57-65 (2006)

8555. Determination of dihydroxyphenols by flow injection analysis (FIA) with chemiluminescence detection
Dolejsova, J.; Polasek, M.; Solich, P.; Karlicek, R.
Folia Pharmaceutica Universitatis Carolinae, **33**, 67-75 (2006)

8556. Use of flow injection atmospheric pressure photoionization quadrupole time-of-flight mass spectrometry for fast olive oil fingerprinting
Gomez-Ariza, J.L.; Arias-Borrego, A.; Garcia-Barrera, T.
Rapid Commun. Mass Sp., **20**, 1181-1186 (2006)

8557. Determination of cefadroxil by sequential injection with spectrophotometric detector
Makchit, J.; Upalee, S.; Thongpoon, C.; Liawruangrath, B.; Liawruangrath, S.
Anal. Sci., **22**, 591-597 (2006)

8558. Second chemiluminescence behavior of Fe^{2+}, Fe^{3+} and Cr^{3+} in the luminal-$KMnO_4$ system
Luo, H.Q.; Li, L.N.; Li, N.B.
Anal. Sci., **22**, 621-625 (2006)

8559. Application of new immunoassay methods in food safety
Li, X.; Wang, G.; Pan, J.
Shengwu Jishu Tongbao, 42-45 (2006)

8560. A multiinjection strategy for mercury speciation
dos Santos, J.S.; de la Guardia, M.; Pastor, A.
Talanta, **69**, 534-537 (2006)

8561. Flow injection direct spectrophotometric assay for the speciation of trace chromium(III) and chromium(VI) using chromotropic acid as chromogenic reagent
Themelis, D.G.; Kika, F.S.; Economou, A.
Talanta, **69**, 615-620 (2006)

8562. Flow-injection fluorometric quantification of pyruvate using co-immobilized pyruvate decarboxylase and aldehyde dehydrogenase reactor: Application to measurement of acetate, citrate and L-lactate
Tsukatani, T.; Matsumoto, K.
Talanta, **69**, 637-642 (2006)

8563. A sequential injection fluorometric procedure for rapid determination of total protein in human serum
Chen, X.; Wang, J.
Talanta, **69**, 681-685 (2006)

8564. Automation of simultaneous release tests of two substances by sequential injection chromatography coupled with Franz cell
Klimundova, J.; Satinsky, D.; Sklenarova, H.; Solich, P.
Talanta, **69**, 730-735 (2006)

8565. Determination of gentamicin in pharmaceutical formulations using peroxyoxalate chemiluminescent detection in flow-injection analysis
Fernandez-Ramos, J.M.; Garcia-Campana, A.M.; Ales-Barrero, F.; Bosque-Sendra, J.M.

Talanta, **69**, 763-768 (2006)

8566. Flow injection analysis to measure the production ability of superoxide with chemiluminescence detection in natural waters
Fujiwara, K.; Kumata, H.; Kando, N.; Sakuma, E.; Aihara, M.; Morita, Y.; Miyakawa, T.
Int. J. Environ. An. Ch., **86**, 337-346 (2006)

8567. Flow injection-damped least squares method for multicomponent analysis
Wang, J.-w.; Zhang, L.-t.; Yang, W.-p.
Fenxi Shiyanshi, **25**, 13-16 (2006)

8568. Flow injection chemiluminescence determination of diethylstilbestrol
Luo, L.-r.; Zhou, F.-l.; Zhang, Z.-j.
Fenxi Shiyanshi, **25**, 79-81 (2006)

8569. Determination of tea polyphenols by flow injection with chemiluminescence analysis
Yu, Y.-y.; Sha, M.; Zhang, S.-l.; Zhuang, H.-s.
Fenxi Shiyanshi, **25**, 101-104 (2006)

8570. Analytical techniques for furosemide determination
Jose Ruiz-Angel, M.; Berthod, A.; Carda-Broch, S.; Celia Garcia-Alvarez-Coque, M.
Sep. Purif. Rev., **35**, 39-58 (2006)

8571. Multicomponent determination of drugs using flow-injection analysis
Hlabangana, L.; Hernandez-Cassou, S.; Saurina, J.
Current Pharmaceutical Analysis, **2**, 127-140 (2006)

8572. A new chemiluminescence method for the determination of nickel ion
Li, L.N.; Li, N.B.; Luo, H.Q.
Spectrochim. Acta A, **64A**, 391-396 (2006)

8573. Linear and nonlinear approaches to study transient signals of a flow-through bulk optode
Ortuno, J.A.; Exposito, R.; Martinez, F.; Sanchez-Pedreno, C.; Garcia, M.S.; Albero, M.I.
Sensor. Actuat. B-Chem., **B115**, 584-588 (2006)

8574. Kinetic Enzymatic Determination of Glycerol in Wine and Beer Using a Sequential Injection System with Spectrophotometric Detection
Oliveira, H.M.; Segundo, M.A.; Lima, J.L.F.C.; Grassi, V.; Zagatto, E.A.G.
J. Agr. Food Chem., **54**, 4136-4140 (2006)

8575. Exploration of coordination polymer as sorbent for flow injection solid-phase extraction on-line coupled with high-performance liquid chromatography for determination of polycyclic aromatic hydrocarbons in environmental materials
Zhou, Y.-Y.; Yan, X.-P.; Kim, K.-N.; Wang, S.-W.; Liu, M.-G.
J. Chromatogr. A, **1116**, 172-178 (2006)

8576. Use of a solid-phase extraction disk module in a FI system for the automated preconcentration and determination of surfactants using potentiometric detection
Martinez-Barrachina, S.; Del Valle, M.
Microchem. J., **83**, 48-54 (2006)

8577. Chemometric optimization of a SIA promethazine hydrochloride assay method
Idris, A.M.; Assubaie, F.N.; Sultan, S.M.
Microchem. J., **83**, 7-13 (2006)

8578. Chiral analysis by mass spectrometry using the kinetic method in flow systems
Lemr, K.; Ranc, V.; Frycak, P.; Bednar, P.; Sevcik, J.
J. Mass Spectrom., **41**, 499-506 (2006)

8579. A study on oxytetracycline-human serum albumin interaction based on flow-injection chemiluminescence analysis combined with ultrafiltration sampling
Wang, L.
Chem. Anal.-Warsaw, **51**, 211-219 (2006)

8580. Indirect determination of cyanide by single-line flow injection analysis-flame absorption spectrometry using zinc carbonate solid-phase reactor
Noroozifar, M.; Khorasani-Motlagh, M.; Hosseini, S.-N.
Chem. Anal.-Warsaw, **51**, 285-293 (2006)

8581. Biosensor measurements of polar phenolics for the assessment of the bitterness and pungency of virgin olive oil
Busch, J.L.H.C.; Hrncirik, K.; Bulukin, E.; Boucon, C.; Mascini, M.
J. Agr. Food Chem., **54**, 4371-4377 (2006)

8582. Determination of hydralazine with flow injection chemiluminescence sensor using molecularly imprinted polymer as recognition element
Yan, X.; Zhou, H.; Zhang, Z.; He, D.; He, C.
J. Pharm. Biomed. Anal., **41**, 694-700 (2006)

8583. On-line hyphenation of flow injection, miniaturized capillary electrophoresis and atomic fluorescence spectrometry for high-throughput speciation analysis
Wang, D.-D.; Li, F.; Yan, X.-P.
J. Chromatogr. A, **1117**, 246-249 (2006)

8584. Determination of trace elements by separation and concentration using sequential injection analysis
Asano, H.
Bunseki, 132-133 (2006)

8585. Determination of tetracycline, chlortetracycline, and oxytetracycline by flow injection with inhibitory chemiluminescence detection using copper(II) as a probe ion
Han, S.; Liu, E.; Li, H.
Luminescence, **21**, 106-111 (2006)

8586. Flow-injection chemiluminescence determination of catecholamines based on their enhancing effects on the luminol-potassium periodate system
Yao, H.; Sun, Y.Y.; Lin, X.; Cheng, J.; Huang, L.
Luminescence, **21**, 112-117 (2006)

8587. A surface plasmon resonance biosensor assay for the simultaneous determination of thiamphenicol, florefenicol, florefenicol amine, and chloramphenicol residues in shrimps
Dumont, V.; Huet, A.-C.; Traynor, I.; Elliott, C.; Delahaut, P.
Anal. Chim. Acta, **567**, 179-183 (2006)

8588. Environmental analysis based on luminescence in organized supramolecular systems
Santana Rodriguez, J.J.; Halko, R.; Betancort Rodriguez, J.R.; Aaron, J.J.
Anal. Bioanal. Chem., **385**, 525-545 (2006)

8589. Determining citrate in fruit juices using a biosensor with citrate lyase and oxaloacetate decarboxylase in a flow injection analysis system
Kim, M.
Food Chem., **99**, 851-857 (2006)

8590. On-line flow injection flame AAS determination of cobalt in soil and sediment samples with 5,7-dichloroquinoline-8-ol-embedded polymeric materials
Praveen, R.S.; Daniel, S.; Rao, T.P.
Atom. Spectrosc., **27**, 35-43 (2006)

8591. Characterization of tire bead wire coating with special emphasis on tin estimation using an atomic absorption spectrometer with a flow injection analysis system (AAS-FIAS)
Mandal, N.; Sajith, P.; Dasgupta, S.; Bandyopadhyay, S.; Mukhopadhyay, R.; Deuri, A.S.
Atom. Spectrosc., **27**, 44-47 (2006)

8592. FIA determination of paracetamol in pharmaceutical drugs by using gold electrodes modified with a 3-mercaptopropionic acid monolayer
Pedrosa, V.A.; Lowinsohn, D.; Bertotti, M.
Electroanalysis, **18**, 931-934 (2006)

8593. Molecular weight and ionic strength dependence of fluorescence intensity of the Calcofluor/β-glucan complex in flow-injection analysis
Kim, S.; Inglett, G.E.
J. Food Compos. Anal., **19**, 466-472 (2006)

8594. Cyclic flow injection chemiluminescent analysis of Fe(III) with 1,10-phenanthroline using an on-line concentration method
Watanabe, K.; Ishii, Y.; Itagaki, M.
Bunseki Kagaku, **55**, 291-298 (2006)

8595. Automated sample preparation and analysis using a sequential-injection-capillary electrophoresis (SI-CE) interface
Kulka, S.; Quintas, G.; Lendl, B.
Analyst, **131**, 739-744 (2006)

8596. Coupling of sequential injection with liquid chromatography for the automated derivatization and on-line determination of amino acids
Zacharis, C.K.; Theodoridis, G.A.; Voulgaropoulos, A.N.
Talanta, **69**, 841-847 (2006)

8597. Arsenic speciation in freshwater organisms from the river Danube in Hungary
Schaeffer, R.; Francesconi, K.A.; Kienzl, N.; Soeroes, C.; Fodor, P.; Varadi, L.; Raml, R.; Goessler, W.; Kuehnelt, D.
Talanta, **69**, 856-865 (2006)

8598. Flow injection spectrophotometric determination of andrographolide from Andrographis paniculata
Ruengsitagoon, W.; Anuntakarun, K.; Aromdee, C.
Talanta, **69**, 900-905 (2006)

8599. Frequency-selective absorbance detection: Refractive index and turbidity compensation with dual-wavelength measurement
Eom, I.-Y.; Dasgupta, P.K.
Talanta, **69**, 906-913 (2006)

8600. An improved flow-injection system for spectrophotometric determination of molybdenum and tungsten in tool steels
Gervasio, A.P.G.; Fortes, P.R.; Meneses, S.R.P.; Miranda, C.E.S.; Zagatto, E.A.G.
Talanta, **69**, 927-931 (2006)

8601. Flow injection chemiluminescence determination of paracetamol
Ruengsitagoon, W.; Liawruangrath, S.; Townshend, A.
Talanta, **69**, 976-983 (2006)

8602. Microchip flow-injection analysis of trace 2,4,6-trinitrotoluene (TNT) using mercury-amalgam electrochemical detector
Wang, J.; Pumera, M.
Talanta, **69**, 984-987 (2006)

8603. Determination of antimony by electrochemical hydride generation atomic absorption spectrometry in samples with high iron content using chelating resins as on-line removal system
Bolea, E.; Arroyo, D.; Laborda, F.; Castillo, J.R.
Anal. Chim. Acta, **569**, 227-233 (2006)

8604. Development of a simple and low cost device for vapor phase Fourier Transform Infrared spectrometry determination of ethanol in mouthwashes
Armenta, S.; Esteve-Turrillas, F.A.; Quintas, G.; Garrigues, S.; Pastor, A.; De la Guardia, M.
Anal. Chim. Acta, **569**, 238-243 (2006)

8605. Statistical intervals to validate an autoanalyzer for monitoring the exhaustion of alkaline degreasing baths
Trullols, E.; Ruisanchez, I.; Aguilera, E.; Lucena, R.; Cardenas, S.; Valcarcel, M.
Anal. Chim. Acta, **569**, 260-266 (2006)

8606. Determination of polyamines by flow injection analysis with a chemiluminescence detector based on their complexation with copper(II)
Li, Z.-P.; Wu, Q.-H.; Wang, C.; Su, Y.-Q.
Anal. Sci., **22**, 763-767 (2006)

8607. Flow and sequential injection methods for the spectrofluorimetric determination of aluminum in pharmaceutical products using chromotropic acid as chromogenic reagent
Themelis, D.G.; Kika, F.S.
J. Pharm. Biomed. Anal., **41**, 1179-1185 (2006)

8608. Flow injection potentiometric determination of chlorpromazine
Sales, M.G.F.; Tomas, J.F.C.; Lavandeira, S.R.
J. Pharm. Biomed. Anal., **41**, 1280-1286 (2006)

8609. Coupling microdialysis with flow-injection chemiluminescence detection for a protein-drug interaction study
Chen, H.; Gong, Z.; Zhang, Z.
J. Pharm. Biomed. Anal., **41**, 1412-1417 (2006)

8610. Flow-injection chemiluminescent determination of cefprozil using Tris (2,2'-bipyridyl) ruthenium (II)-permanganate system
Alarfaj, N.A.; Abd El-Razeq, S.A.
J. Pharm. Biomed. Anal., **41**, 1423-1427 (2006)

8611. Determination of inorganic and total arsenic by flow injection hydride-generation-atomic absorption spectrometry
Zhou, T.
Zhongguo Weisheng Jianyan Zazhi, **16**, 313, 340. (2006)

8612. High-performance liquid chromatographic determination of phenolic compounds in natural water coupled with on-line flow injection membrane extraction-preconcentration
Sun, A.; Li, J.; Liu, R.
J. Sep. Sci., **29**, 995-1000 (2006)

8613. The application of multicommutated flow techniques to the determination of iron
Pons, C.; Forteza, R.; Cerda, V.; Rangel, A.O.S.S.
TrAC-Trends Anal. Chem., **25**, 583-588 (2006)

8614. Spectrophotometric flow-injection determination of copper and nickel in plant digests exploiting differential kinetic analysis and multi-site detection
Vendramini, D.; Grassi, V.; Zagatto, E.A.G.
Anal. Chim. Acta, **570**, 124-128 (2006)

8615. Ternary ion-association complex based ion imprinted polymers (IIPs) for trace determination of palladium(II) in environmental samples
Daniel, S.; Praveen, R.S.; Rao, T.P.
Anal. Chim. Acta, **570**, 79-87 (2006)

8616. Determination of total arsenic and toxicologically relevant arsenic species in fish by using electrothermal and hydride generation atomic absorption spectrometry
Serafimovski, I.; Karadjova, I.B.; Stafilov, T.; Tsalev, D.L.
Microchem. J., **83**, 55-60 (2006)

8617. A multi-pumping flow system for chemiluminometric determination of ascorbic acid in powdered materials for preparation of fruit juices
Pires, C.K.; Lavorante, A.F.; Marconi, L.M.T.; Meneses, S.R.P.; Zagatto, E.A.G.
Microchem. J., **83**, 70-74 (2006)

8618. Potentiometric multi-syringe flow injection system for determination of exchangeable potassium in soils with in-line extraction
Almeida, M.I.G.S.; Segundo, M.A.; Lima, J.L.F.C.; Rangel, A.O.S.S.
Microchem. J., **83**, 75-80 (2006)

8619. Factorial design for optimising chromium determination in tanning wastewater
Gomez, V.; Pasamontes, A.; Callao, M.P.
Microchem. J., **83**, 98-104 (2006)

8620. The liquid-liquid diffusive extraction of hydrocarbons

from a North Sea oil using a microfluidic format
Bowden, S.A.; Monaghan, P.B.; Wilson, R.; Parnell, J.; Cooper, J.M.
Lab Chip, **6**, 740-743 (2006)

8621. Determination of Ge, As and Se in nickel-based alloys by flow injection hydride generation dynamic reaction cell inductively coupled plasma mass spectrometry
Chen, Z.-C.; Jiang, S.-J.
J. Anal. Atom. Spectrom., **21**, 566-573 (2006)

8622. On-line photoassisted vapor generation implemented in an automated flow-injection/stopped-flow manifold coupled to an atomic detector for determination of selenium
Garcia, M.; Figueroa, R.; Lavilla, I.; Bendicho, C.
J. Anal. Atom. Spectrom., **21**, 582-587 (2006)

8623. A sequential injection fluorometric procedure for the determination of procaine in human blood and pharmaceuticals
Chen, X.-W.; Song, X.; Wang, J.-H.
Anal. Bioanal. Chem., **385**, 737-741 (2006)

8624. Flow-injection chemiluminescent immunoassay for α-fetoprotein based on epoxysilane modified glass microbeads
Fu, Z.; Hao, C.; Fei, X.; Ju, H.
J. Immunol. Methods, **312**, 61-67 (2006)

8625. Flow injection analysis-Rayleigh light scattering detection for online determination of protein in human serum sample
Li, Y.; Dong, L.; Wang, W.; Hu, Z.; Chen, X.
Anal. Biochem., **354**, 64-69 (2006)

8626. Fast Fourier continuous cyclic voltammetry at gold ultramicroelectrode in flowing solution for determination of ultra trace amounts of Penicillin G
Norouzi, P.; Ganjali, M.R.; Alizadeh, T.; Daneshgar, P.
Electroanalysis, **18**, 947-954 (2006)

8627. Electrocatalytic oxidation and flow-injection determination of ascorbic acid at a graphite electrode modified with a polyaniline film containing electrodeposited palladium
Shaidarova, L.G.; Gedmina, A.V.; Chelnokova, I.A.; Budnikov, G.K.
J. Anal. Chem., **61**, 601-608 (2006)

8628. Flow-injection determination of nonylphenol in liquid media using a piezoelectric immunosensor
Ermolaeva, T.N.; Dergunova, E.S.; Kalmykova, E.N.; Eremin, S.A.
J. Anal. Chem., **61**, 609-613 (2006)

8629. Flow injection and sequential injection analysis for process control: happy marriages or cumbersome affairs?
Dantan, N.; Frenzel, W.
G.I.T. Laboratory Journal, Europe, **10**, 24-25 (2006)

8630. Detailed evaluation of the performance of microfluidic T mixers using fluorescence and ultraviolet resonance Raman spectroscopy
Masca, S.I.; Rodriguez-Mendieta, I.R.; Friel, C.T.; Radford, S.E.; Smith, D.A.
Rev. Sci. Instrum., **77**, 055105/1-055105/9. (2006)

8631. Tubular potentiometric detector used to determine As(V) in sediment extracts by flow injection
Barrado, E.; Rodriguez, J.A.; Quinaz, M.B.; Lima, J.L.F.C.
Int. J. Environ. An. Ch., **86**, 563-572 (2006)

8632. Comparison of flow injection analysis electrospray mass spectrometry and tandem mass spectrometry and electrospray high-field asymmetric waveform ion mobility mass spectrometry and tandem mass spectrometry for the determination of underivatized amino acids
McCooeye, M.; Mester, Z.
Rapid Commun. Mass Sp., **20**, 1801-1808 (2006)

8633. Kinetic study of site directed and randomly immobilized his-tag alkaline phosphatase by flow injection chemiluminescence
Zhang, J.; Cass, A.E.G.
J. Mol. Recognit., **19**, 243-246 (2006)

8634. Micro-sequential injection lab-on-value for process monitoring and bioanalytical assays
Wu, C.-H.; Liu, J.L.
The Journal of Process Analytical Technology, **3**, 25-30 (2006)

8635. Enzymatic determination of glucose by optical-fiber sensor sequential injection renewable surface spectrophotometry
Wang, J.-y.; Fang, Z.-l.
Chem. Res. Chinese U., **22**, 287-291 (2006)

8636. Flow injection hydride generation electrothermal atomic absorption spectrometric determination of toxicologically relevant arsenic in urine
Petrov, P.K.; Serafimovski, I.; Stafilov, T.; Tsalev, D.L.
Talanta, **69**, 1112-1117 (2006)

8637. The development of iodide-based methods for batch and on-line determinations of phosphite in aqueous samples
Barco, R.A.; Patil, D.G.; Xu, W.; Ke, L.; Khachikian, C.S.; Hanrahan, G.; Salmassi, T.M.
Talanta, **69**, 1292-1299 (2006)

8638. Bulk-modified modified screen-printing carbon electrodes with both lactate oxidase (LOD) and horseradish peroxide (HRP) for the determination of L-lactate in flow injection analysis mode
Ghamouss, F.; Ledru, S.; Ruille, N.; Lantier, F.; Boujtita, M.
Anal. Chim. Acta, **570**, 158-164 (2006)

8639. Chemiluminescence from singlet oxygen under laminar flow condition in a micro-channel
Tsukagoshi, K.; Fukumoto, K.; Noda, K.; Nakajima, R.; Yamashita, K.; Maeda, H.
Anal. Chim. Acta, **570**, 202-206 (2006)

8640. On-line dynamic fractionation and automatic determination of inorganic phosphorus in environmental solid substrates exploiting sequential injection microcolumn extraction and flow injection analysis
Buanuam, J.; Miro, M.; Hansen, E.H.; Shiowatana, J.
Anal. Chim. Acta, **570**, 224-231 (2006)

8641. A novel spectrophotometric method for batch and flow injection determination of sulfite in beverages
Hassan, S.S.M.; Hamza, M.S.A.; Mohamed, A.H.K.
Anal. Chim. Acta, **570**, 232-239 (2006)

8642. Automatic Method for the Determination of Folin-Ciocalteu Reducing Capacity in Food Products
Magalhaes, L.M.; Segundo, M.A.; Reis, S.; Lima, J.L.F.C.; Rangel, A.O.S.S.
J. Agr. Food Chem., **54**, 5241-5246 (2006)

8643. Rapid determination of gold in geological samples using flow injection solid-phase chemiluminescence
Li, J.-F.; Bai, L.-F.; Wang, Y.-H.; Wang, H.-Y.
Anal. Sci., **22**, 841-844 (2006)

8644. Determination of mercury in fish by cold vapor atomic absorption spectrophotometry using a multicommuted flow injection analysis system
Silva, M.F.; Toth, I.V.; Rangel, A.O.S.S.
Anal. Sci., **22**, 861-864 (2006)

8645. A protocol for designing comprehensive two-dimensional liquid chromatography separation systems
Schoenmakers, P.J.; Vivo-Truyols, G.; Decrop, W.M.C.
J. Chromatogr. A, **1120**, 282-290 (2006)

8646. Incorporation of a monolithic column into sequential injection system for drug-protein binding studies
Zacharis, C.K.; Theodoridis, G.A.; Podgornik, A.; Voulgaropoulos, A.N.
J. Chromatogr. A, **1121**, 46-54 (2006)

8647. Laccase-based biosensors for monitoring lignin
Shleev, S.; Persson, P.; Shumakovich, G.; Mazhugo, Y.; Yaropolov, A.; Ruzgas, T.; Gorton, L.
Enzyme Microb. Tech., **39**, 835-840 (2006)

8648. Determination of methylmercury in biological and sediment samples by capillary gas chromatography on-line coupled with atomic fluorescence spectrometry
Shi, J.-b.; Liao, C.-y.; Wang, Y.-w.; Jiang, G.-b.
Guangpuxue Yu Guangpu Fenxi, **26**, 336-339 (2006)

8649. Lab-on-Valve System Integrating a Chemiluminescent Entity and In Situ Generation of Nascent Bromine as Oxidant for Chemiluminescent Determination of Tetracycline
Yang, M.; Xu, Y.; Wang, J.-H.
Anal. Chem., **78**, 5900-5905 (2006)

8650. Determination of trace copper and cadmium in water by flame atomic absorption spectrometry coupled with flow injection on-line preconcentration using air segmentation
Su, Y.-d.; Zhu, W.-y.; Qin, L.; Chen, L.-w.
Guangpuxue Yu Guangpu Fenxi, **26**, 959-962 (2006)

8651. Investigation of Chemiluminescence Behavior of Flavonoids with Cerium (IV)-Rhodamine B System
Li, H.
Anal. Lett., **39**, 2007-2024 (2006)

8652. Fast Monitoring of Nano-Molar Level of Gentamycin by Fast Fourier Transform Continuous Cyclic Voltammetry in Flowing Solution
Hajiaghababaei, L.
Anal. Lett., **39**, 1941-1953 (2006)

8653. Development of a coliforms monitoring system using an enzymatic fluorescence method
Morikawa, A.; Hirashiki, I.; Furukawa, S.
Water Sci. Technol., **53**, 523-532 (2006)

8654. Recent progress in flow-injection chemiluminescence for pharmaceutical analysis
Xue, B.-c.; Wang, T.; Liu, E.-b.
Guangpuxue Yu Guangpu Fenxi, **26**, 816-820 (2006)

8655. Mathematical correction for polyatomic interferences in the speciation of chromium by liquid chromatography-inductively coupled plasma quadrupole mass spectrometry
Laborda, F.; Gorriz, M.P.; Bolea, E.; Castillo, J.R.
Spectrochim. Acta B, **61B**, 433-437 (2006)

8656. Chemiluminescence of cerium(IV)-rhodamine 6G-phenolic compound system
Cui, H.; Zhang, Q.; Myint, A.; Ge, X.; Liu, L.
J. Photoch. Photobio. A, **181**, 238-245 (2006)

8657. Chromium speciation using sequential injection analysis and multivariate curve resolution
Gomez, V.; Larrechi, M.S.; Callao, M.P.
Anal. Chim. Acta, **571**, 129-135 (2006)

8658. On-line solid phase extraction and simultaneous determination of hafnium and zirconium by ICP-atomic emission spectroscopy
Karami, H.; Mousavi, M.F.; Yamini, Y.; Shamsipur, M.
Microchim. Acta, **154**, 221-228 (2006)

8659. Immobilization of proteins on agarose beads, monitored in real time by bead injection spectroscopy
Ruzicka, J.; Carroll, A.D.; Laehdesmaeki, I.
Analyst, **131**, 799-808 (2006)

8660. Bead injection for biomolecular assays: Affinity chromatography enhanced by bead injection spectroscopy
Gutzman, Y.; Carroll, A.D.; Ruzicka, J.
Analyst, **131**, 809-815 (2006)

8661. Molecularly imprinted on-line solid-phase extraction combined with flow-injection chemiluminescence for the determination of tetracycline
Xiong, Y.; Zhou, H.; Zhang, Z.; He, D.; He, C.
Analyst, **131**, 829-834 (2006)

8662. Miniaturized approaches to conventional liquid-liquid extraction
Majors, R.E.
LC-GC Europe, **19**, 284, 286-287, 289-290, 292 (2006)

8663. Flow cytometry analysis of gap junction-mediated cell-cell communication: Advantages and pitfalls
Fonseca, P.C.; Nihei, O.K.; Savino, W.; Spray, D.C.; Alves, L.A.
Cytometry A, **69A**, 487-493 (2006)

8664. Using a piezoelectric flow immunosensor for determining sulfamethoxazole in environmental samples
Melikhova, E.V.; Kalmykova, E.N.; Eremin, S.A.; Ermolaeva, T.N.
J. Anal. Chem., **61**, 687-693 (2006)

8665. Flow-injection determination of indole derivatives in pharmaceutical mixtures
Evgen'ev, M.I.; Garmonov, S.Y.; Brysaev, A.S.; Gurevich, P.A.
J. Anal. Chem., **61**, 694-701 (2006)

8666. Nafion-Coated Bismuth Film and Nafion-Coated Mercury Film Electrodes for Anodic Stripping Voltammetry Combined On-Line with ICP-Mass Spectrometry
Cao, G.X.; Jimenez, O.; Zhou, F.; Xu, M.
J. Am. Soc. Mass Spectro., **17**, 945-952 (2006)

8667. Flow injection analysis of ultratrace orthophosphate in seawater with solid-phase enrichment and luminol chemiluminescence detection
Liang, Y.; Yuan, D.; Li, Q.; Lin, Q.
Anal. Chim. Acta, **571**, 184-190 (2006)

8668. Electronic micropipettor: A versatile fluid propulsion and injection device for micro-flow analysis
Daniel, D.; Gutz, I.G.R.
Anal. Chim. Acta, **571**, 218-227 (2006)

8669. On-chip integrated hydrolysis, fluorescent labeling, and electrophoretic separation utilized for acetylcholinesterase assay
Heleg-Shabtai, V.; Gratziany, N.; Liron, Z.
Anal. Chim. Acta, **571**, 228-234 (2006)

8670. Flow injection analysis of cefaclor with enhanced chemiluminescent detection
Li, S.-f.; Wei, X.-w.; Lu, X.-j.; Zhang, L.; Liu, W.-y.
Fenxi Shiyanshi, **25**, 9-11 (2006)

8671. Flow-injection chemiluminescence determination of deslanoside
Han, Xiao-nian; Tang, Yu-hai; Yu, Chun-ling; Liu, Yang-hao
Fenxi Shiyanshi, **25**, 49-51 (2006)

8672. The synthesis of 8-hydroxyquinoline bonded silica and its application by flow injection-inductively coupled plasma-mass spectrometry on the detection of trace metals lead in sea water
Wang, Z.; Jing, M.; Lee, F.S.C.; Wang, X.
Fenxi Huaxue, **34**, 459-463 (2006)

8673. Rapid determination of levofloxacin at nanogram level in pharmaceuticals and biological fluids using flow injection chemiluminescence
Shao, X.; Xie, X.; Liu, Y.; Song, Z.
Curr. Anal. Chem., **2**, 253-259 (2006)

8674. Methodology and application of the derivative atomic absorption spectrometry
Sun, H.-w.; Li, L.-q.
Curr. Anal. Chem., **2**, 331-339 (2006)

8675. Recent developments in automated determinations of trace level concentrations of elements and on-line fractionation schemes exploiting the micro-sequential injection-lab-on-valve approach
Hansen, E.H.; Miro, M.; Long, X.; Petersen, R.
Anal. Lett., **39**, 1243-1259 (2006)

8676. Improved multianalyte determination of the intense sweeteners aspartame and acesulfame-K with a solid

sensing zone implemented in an FIA scheme
Garcia-Jimenez, J.F.; Valencia, M.C.; Capitan-Vallvey, L.F.
Anal. Lett., **39**, 1333-1347 (2006)

8677. Enzymatic chemiluminescent assay of glucose by sequential-injection analysis with soluble enzyme and on-line sample dilution
Economou, A.; Panoutsou, P.; Themelis, D.G.
Anal. Chim. Acta, **572**, 140-147 (2006)

8678. Multi-pumping flow system for the determination of dissolved orthophosphate and dissolved organic phosphorus in wastewater samples
Pons, C.; Toth, I.V.; Rangel, A.O.S.S.; Forteza, R.; Cerda, V.
Anal. Chim. Acta, **572**, 148-154 (2006)

8679. Flow-injection spectrophotometric determination of reverse transcriptase inhibitors used for acquired immuno deficiency syndrome (AIDS) treatment
Checa, A.; Oliver, R.; Saurina, J.; Hernandez-Cassou, S.
Anal. Chim. Acta, **572**, 155-164 (2006)

8680. High-Throughput and High-Resolution Flow Cytometry in Molded Microfluidic Devices
Simonnet, C.; Groisman, A.
Anal. Chem., **78**, 5653-5663 (2006)

8681. Determination of trichlorfon by flow injection analysis with chemiluminescence detection
Xie, F.-R.; Tu, M.-Z.; Xie, Z.-H.
Guangpu Shiyanshi, **23**, 644-647 (2006)

8682. In vitro monitoring picogram roxithromycin in human urine using flow injection chemiluminescence procedure
Song, Z.; Liu, Y.; Xie, X.
Curr. Drug Metab., **7**, 389-395 (2006)

8683. A novel flow-based strategy for implementing differential kinetic analysis
Fortes, P.R.; Meneses, S.R.P.; Zagatto, E.A.G.
Anal. Chim. Acta, **572**, 316-320 (2006)

9684. Application of rhodamine B optical detector in environmental and food analysis
Kazemzadeh, A.; Kavei, G.
Asian J. Chem., **18**, 1987-1994 (2006)

8685. Capillary Electrophoresis Absorption Detection Using Fiber-Loop Ring-Down Spectroscopy
Li, R.; Loock, H.-P.; Oleschuk, R.D.
Anal. Chem., **78**, 5685-5692 (2006)

8686. Flow injection determination of trace amounts of manganese by catalytic oxidation of *N*-phenyl-*p*-phenylenediamine with cumenehydroperoxide
Kawashima, T.; Nagaoka, H.; Itagaki, M.; Nakano, S.; Watanabe, K.
Bunseki Kagaku, **55**, 467-472 (2006)

8687. Flow injection fluorometric determination of boron in steels with 2,3-dihydroxynaphthalene
Iwata, J.; Watanabe, K.; Itagaki, M.
Bunseki Kagaku, **55**, 473-480 (2006)

8688. On-line coupling of size exclusion chromatography and capillary electrophoresis via solid-phase extraction and a Tee-split interface
Tempels, F.W.A.; Wiese, G.; Underberg, W.J.M.; Somsen, G.W.; de Jong, G.J.
J. Chromatogr. B, **839**, 30-35 (2006)

8689. Indirect determination of nitrite by flame atomic absorption spectrometry using a lead(IV) dioxide oxidant microcolumn
Noroozifar, M.; Khorasani-Motlagh, M.; Taheri, A.; Homayoonfard, M.
Bull. Kor. Chem. Soc., **27**, 875-880 (2006)

8690. Liquid core waveguide spectrophotometry for the sensitive determination of nitrite in river water samples
Takiguchi, H.; Tsubata, A.; Miyata, M.; Odake, T.; Hotta, H.; Umemura, T.; Tsunoda, K.
Anal. Sci., **22**, 1017-1019 (2006)

8691. Determination of arsenic, antimony, and selenium by FI-HG-AAS in foods consumed in Slovakia
Korenovska, M.
Journal of Food and Nutrition Research, **45**, 84-88 (2006)

8692. Flow screen-printed amperometric detection of p-nitrophenol in alkaline phosphatase-based assays
Fanjul-Bolado, P.; Gonzalez-Garcia, M.B.; Costa-Garcia, A.
Anal. Bioanal. Chem., **385**, 1202-1208 (2006)

8693. A sequential injection electronic tongue employing the transient response from potentiometric sensors for anion multidetermination
Cortina, M.; Duran, A.; Alegret, S.; Valle, M.
Anal. Bioanal. Chem., **385**, 1186-1194 (2006)

8694. Rapid electrophoretic separations in short capillaries using contactless conductivity detection and a sequential injection analysis manifold for hydrodynamic sample loading
Wuersig, A.; Kuban, P.; Khaloo, S.S.; Hauser, P.C.
Analyst, **131**, 944-949 (2006)

8695. Spectrophotometric determination of ammonium by an rFIA assembly
Bucur, B.; Catala Icardo, M.; Martinez Calatayud, J.
Rev. Roum. Chim., **51**, 101-108 (2006)

8696. Catalytically enhanced spectrophotometric determination of manganese in seawater by flow-injection analysis with a commercially available resin for on-line preconcentration
Aguilar-Islas, A.M.; Resing, J.A.; Bruland, K.W.
Limnol. Oceanogr., **4**, 105-113 (2006)

8697. Direct determination of iron in acidified (pH 1.7) seawater samples by flow injection analysis with catalytic spectrophotometric detection: application and intercomparison
Lohan, M.C.; Aguilar-Islas, A.M.; Bruland, K.W.
Limnol. Oceanogr., **4**, 164-171 (2006)

8698. Rh_2O_3/Ti electrode preparation using laser anneal and its application to the determination of chemical oxygen demand
Li, J.; Li, L.; Zheng, L.; Xian, Y.; Jin, L.
Meas. Sci. Technol., **17**, 1995-2000 (2006)

8699. A cell counting/sorting system incorporated with a microfabricated flow cytometer chip
Yang, S.-Y.; Hsiung, S.-K.; Hung, Y.-C.; Chang, C.-M.; Liao, T.-L.; Lee, G.-B.
Meas. Sci. Technol., **17**, 2001-2009 (2006)

8700. Microfluidic device for sequential injection and flushing of solutions and its application to biosensing
Nashida, N.; Satoh, W.; Suzuki, H.
Chemical Sensors, **22**, 79-81 (2006)

8701. SIA of Zn(II) ions using a column packed with ALP-immobilized beads
Satoh, I.; Harada, T.; Takahashi, K.; Iida, Y.
Chemical Sensors, **22**, 142-144 (2006)

8702. A simple and sensitive chromium speciation procedure by hyphenating flow injection on-line preconcentration with catalytic spectrophotometry
Cui, H.; He, R.; Wang, J.
Talanta, **70**, 139-145 (2006)

8703. A flow-injection chemiluminescence method for the determination of some estrogens by enhancement of luminol-hydrogen peroxide-tetrasulfonated manganese phthalocyanine reaction
Wang, L.; Yang, P.; Li, Y.; Zhu, C.
Talanta, **70**, 219-224 (2006)

8704. Highly selective microbiosensors for in vivo measurement of glucose, lactate and glutamate

Schuvailo, O.M.; Soldatkin, O.O.; Lefebvre, A.; Cespuglio, R.; Soldatkin, A.P.
Anal. Chim. Acta, **573+574**, 110-116 (2006)

8705. New real-time analytical applications of electrochemical quartz crystal microbalance
Neshkova, M.T.; Nikolova, V.; Petrov, V.
Anal. Chim. Acta, **573+574**, 34-40 (2006)

8706. Determination of the pesticide carbaryl and its photodegradation kinetics in natural waters by flow injection-direct chemiluminescence detection
Tsogas, G.Z.; Giokas, D.L.; Nikolakopoulos, P.G.; Vlessidis, A.G.; Evmiridis, N.P.
Anal. Chim. Acta, **573+574**, 354-359 (2006)

8707. Flow injection spectrophotometry for simultaneous determination of copper and zinc in a single run
Shpigun, L.K.; Shushenachev, Y.V.; Kamilova, P.M.
Anal. Chim. Acta, **573+574**, 360-365 (2006)

8708. Automated sequential injection fluorimetric set-up for multiple release testing of topical formulation
Klimundova, J.; Mervartova, K.; Sklenarova, H.; Solich, P.; Polasek, M.
Anal. Chim. Acta, **573+574**, 366-370 (2006)

8709. Determination and antioxidant activity evaluation of etodolac, an anti-inflammatory drug, by sequential injection analysis
Garcia, J.B.; Saraiva, M.L.M.F.S.; Lima, J.L.F.C.
Anal. Chim. Acta, **573+574**, 371-375 (2006)

8710. Using on-line solid phase extraction for determination of amiloride in human urine by sequential injection technique
Huclova, J.; Satinsky, D.; Pavlicek, O.; Vedralova, L.; Karlicek, R.
Anal. Chim. Acta, **573+574**, 376-382 (2006)

8711. A smart multisyringe flow injection system for analysis of sample batches with high variability in sulfide concentration
Ferrer, L.; Estela, J.M.; Cerda, V.
Anal. Chim. Acta, **573+574**, 391-398 (2006)

8712. Determination of mercury by multisyringe flow injection system with cold-vapor atomic absorption spectrometry
Leal, L.O.; Elsholz, O.; Forteza, R.; Cerda, V.
Anal. Chim. Acta, **573+574**, 399-405 (2006)

8713. Optical fiber reflectance sensor coupled to a multisyringe flow injection system for preconcentration and determination of 1-naphthylamine in water samples
Guzman Mar, J.L.; Lopez Martinez, L.; Lopez de Alba, P.L.; Castrejon Duran, J.E.; Cerda Martin, V.
Anal. Chim. Acta, **573+574**, 406-412 (2006)

8714. Application of electrochemical optical waveguide lightmode spectroscopy for studying the effect of different stress factors on lactic acid bacteria
Adanyi, N.; Nemeth, E.; Halasz, A.; Szendro, I.; Varadi, M.
Anal. Chim. Acta, **573+574**, 41-47 (2006)

8715. Determination of arsenic(III) by flow injection solid phase extraction coupled with on-line hydride generation atomic absorption spectrometry using a PTFE turnings-packed micro-column
Anthemidis, A.N.; Martavaltzoglou, E.K.
Anal. Chim. Acta, **573+574**, 413-418 (2006)

8716. Flow injection potentiometric determination of total antioxidant activity of plant extracts
Shpigun, L.K.; Arharova, M.A.; Brainina, K.Z.; Ivanova, A.V.
Anal. Chim. Acta, **573+574**, 419-426 (2006)

8717. Evaluation of polychlorotrifluoroethylene as sorbent material for on-line solid phase extraction systems: Determination of copper and lead by flame atomic absorption spectrometry in water samples
Anthemidis, A.N.; Ioannou, K.-I.G.
Anal. Chim. Acta, **575**, 126-132 (2006)

8718. Determination of antimony by atomic absorption spectrometry with flow injection hydride generation by a tetrahydroborate-form anion-exchanger
Rodriguez, Y.; Tyson, J.F.
J. Anal. Atom. Spectrom., **21**, 757-762 (2006)

8719. High-efficiency electrokinetic micromixing through symmetric sequential injection and expansion
Coleman, J.T.; McKechnie, J.; Sinton, D.
Lab Chip, **6**, 1033-1039 (2006)

8720. Flow-injection photometric determination of mercaptans in light oil products with chromatomembrane extraction
Bulatov, A.V.; Goncharova, D.V.; Moskvin, L.N.
J. Anal. Chem., **61**, 801-803 (2006)

8721. A disposable electrochemical immunosensor for flow injection immunoassay of carcinoembryonic antigen
Wu, J.; Tang, J.; Dai, Z.; Yan, F.; Ju, H.; El Murr, N.
Biosens. Bioelectron., **22**, 102-108 (2006)

8722. Laminar flow of a non-Newtonian fluid in channels with wall suction or injection
Kamisli, F.
Int. J. Eng. Sci., **44**, 650-661 (2006)

8723. Microfluidic Sequential Injection Analysis in a Short Capillary
Du, W.-B.; Fang, Q.; Fang, Z.-L.
Anal. Chem., **78**, 6404-6410 (2006)

8724. A flow-injection chemiluminescence method for determination of hydrobenzole hydrochloride
Liu, W.; Pei, C.-j.; Zhang, Z.-j.
Fenxi Shiyanshi, **25**, 27-30 (2006)

8725. Detection of hydroxyl radicals by flow injection phenanthroline chemiluminescence system
Long, S.-j.; Shi, J.-q.; Xie, Y.-f.
Fenxi Shiyanshi, **25**, 35-38 (2006)

8726. Rapid determination of cimetidine by flow injection chemiluminescence
Wang, J.-w.; Xie, Q.; Yang, J.
Fenxi Shiyanshi, **25**, 60-63 (2006)

8727. Determination of troxerutin by micellar chemiluminescence with flow-injection analysis
Chen, X.-l.; Ma, H.-y.; Zhang, Y.-f.
Fenxi Shiyanshi, **25**, 109-111 (2006)

8728. Construction and performance characterization of ion-selective electrodes for potentiometric determination of pseudoephedrine hydrochloride applying batch and flow injection analysis techniques
Zayed, S.I.M.; Issa, Y.M.; Hussein, A.
Ann. Chimi.-Rome, **96**, 421-434 (2006)

8729. Determination of the DNA-binding characteristics of ethidium bromide, proflavine, and cisplatin by flow injection analysis: Usefulness in studies on antitumor drugs
Alonso, A.; Almendral, M.J.; Curto, Y.; Criado, J.J.; Rodriguez, E.; Manzano, J.L.
Anal. Biochem., **355**, 157-164 (2006)

8730. Determination of thyroxine in pharmaceuticals using flow injection with luminol chemiluminescence inhibition detection
Waseem, A.; Yaqoob, M.; Nabi, A.
Luminescence, **21**, 174-178 (2006)

8731. On-line preparation of peroxymonocarbonate and its application for the study of energy transfer chemiluminescence to lanthanide inorganic coordinate complexes
Liu, M.; Cheng, X.; Zhao, L.; Lin, J.-M.
Luminescence, **21**, 179-185 (2006)

8732. Flow injection chemiluminescence analysis of diphenhydramine hydrochloride and chlorpheniramine maleate
Yu, C.; Tang, Y.; Han, X.; Wu, S.

Instrum. Sci. Technol., **34**, 529-536 (2006)

8733. An absorbance-based micro-fluidic sensor for diffusion coefficient and molar mass determinations
McBrady, A.D.; Chantiwas, R.; Torgerson, A.K.; Grudpan, K.; Synovec, R.E.
Anal. Chim. Acta, **575**, 151-158 (2006)

8734. Electrochemical detection of cysteine in a flow system based on reductive desorption of thiols from gold
Possari, R.; Carvalhal, R.F.; Mendes, R.K.; Kubota, L.T.
Anal. Chim. Acta, **575**, 172-179 (2006)

8735. The second chemiluminescence emission of luminol-periodate-menadione sodium bisulfite system and its analytical application
Li, B.; Zhang, X.; Zhang, C.
Anal. Chim. Acta, **575**, 212-216. (2006)

8736. Development of a sequential injection anodic stripping voltammetry (SI-ASV) method for determination of Cd(II), Pb(II) and Cu(II) in wastewater samples from coatings industry
Vieira dos Santos, Al.C.; Masini, J.C.
Anal. Bioanal. Chem., **385**, 1538-1544 (2006)

8737. Electrochemical sandwich immunoassay for vitellogenin by sequential injection analysis using antibody immobilized magnetic microbeads
Hirakawa, K.; Katayama, M.; Soh, N.; Nakano, K.; Ohura, H.; Yamasaki, S.; Imato, T.
Electroanalysis, **18**, 1297-1305 (2006)

8738. Electrochemical Detection of Arsenic(III) Using Iridium-Implanted Boron-Doped Diamond Electrodes
Ivandini, T.A.; Sato, R.; Makide, Y.; Fujishima, A.; Einaga, Y.
Anal. Chem., **78**, 6291-6298 (2006)

8739. Single potential electrophoresis microchip with reduced bias using pressure pulse injection
Lacharme, F.; Gijs, M.A.M.
Electrophoresis, **27**, 2924-2932 (2006)

8740. Determination of mercury levels in blood and urine of occupationally exposed workers using flow injection with cold vapor AAS
Lopez-Colon, J.L.; Lozano, R.
Atom. Spectrosc., **27**, 98-105 (2006)

8741. Immunoassay as an analytical tool in agricultural biotechnology
Grothaus, G.D.; Bandla, M.; Currier, T.; Giroux, R.; Jenkins, G.R.; Lipp, M.; Shan, G.; Stave, J.W.; Pantella, V.
J. AOAC Int., **89**, 913-928 (2006)

8742. Laser etched carbon fibre composites: Disposable detectors for flow analysis applications
Kilbey, G.; Karousos, N.G.; Eglin, D.; Davis, J.
Electrochem. Commun., **8**, 1315-1320 (2006)

8743. Pressure injection in continuous sample flow electrophoresis microchips
Lacharme, F.; Gijs, M.A.M.
Sensor. Actuat. B-Chem., **B117**, 384-390 (2006)

8744. Chemometrics-assisted simultaneous determination of cobalt(II) and chromium(III) with flow-injection chemiluminescence method
Li, B.; Wang, D.; Lv, J.; Zhang, Z.
Spectrochim. Acta A, **65A**, 67-72 (2006)

8745. Non-chromatographic speciation analysis of mercury by flow injection on-line preconcentration in combination with chemical vapor generation atomic fluorescence spectrometry
Wu, H.; Jin, Y.; Han, W.; Miao, Q.; Bi, S.
Spectrochim. Acta B, **61B**, 831-840 (2006)

8746. Minimization of mass interferences in quadrupole inductively coupled plasma mass spectrometric (ICP-MS) determination of palladium using a flow injection on-line displacement solid-phase extraction protocol
Fang, J.; Liu, L.-W.; Yan, X.-P.
Spectrochim. Acta B, **61B**, 864-869 (2006)

8747. Fast simultaneous spectrophotometric determination of naphazoline nitrate and methylparaben by sequential injection chromatography
Chocholous, P.; Satinsky, D.; Solich, P.
Talanta, **70**, 408-413 (2006),

8748. Flow injection on-line solid phase extractive preconcentration of palladium(II) in dust and rock samples using exfoliated graphite packed microcolumns and determination by flame atomic absorption spectrometry
Praveen, R.S.; Daniel, S.; Rao, T.P.; Sampath, S.; Rao, K.S.
Talanta, **70**, 437-443 (2006)

8749. Determination of cefuroxime axetil in tablets and biological fluids using liquid chromatography and flow injection analysis
Can, N.O.; Altiokka, G.; Aboul-Enein, H.Y.
Anal. Chim. Acta, **576**, 246-252 (2006)

8750. Novel catalytic oxidative coupling reaction of *N*,*N*-dimethyl-p-phenylenediamine with 1,3-phenylenediamine and its applications to the determination of copper and iron at trace levels by flow injection technique
Lunvongsa, S.; Takayanagi, T.; Oshima, M.; Motomizu, S.
Anal. Chim. Acta, **576**, 261-269 (2006)

8751. Flow-injection methylene blue-based spectrophotometric method for the determination of peroxide values in edible oils
Dhaouadi, A.; Monser, L.; Sadok, S.; Adhoum, N.
Anal. Chim. Acta, **576**, 270-274 (2006)

8752. Polymer-coated bismuth film electrodes for the determination of trace metals by sequential-injection analysis/anodic stripping voltammetry
Kefala, G.; Economou, A.
Anal. Chim. Acta, **576**, 283-289 (2006)

8753. Assay of femtogram level nitrite in human urine using luminol-myoglobin chemiluminescence
Yue, Q.; Song, Z.
Microchem. J., **84**, 10-13 (2006)

8754. High performance liquid chromatography hydride generation in situ trapping graphite furnace atomic absorption spectrometry: A new way of performing speciation analysis using GFAAS as detector
Calixto de Campos, R.; Araujo Goncalves, R.; Birman Tonietto, G.; Marcus Godoy, J.; Brandao, G.P.
Microchem. J., **84**, 26-30 (2006)

8755. Flow injection system for hydrolysable tannin determination
Bossu, C.M.; Ferreira, E.C.; Chaves, F.S.; Menezes, E.A.; Nogueira, A.R.A.
Microchem. J., **84**, 88-92 (2006)

8756. Flow-injection ionometric determination of hydrogen sulfide in light oil products
Bulatov, A.V.; Goncharova, D.V.; Goncharova, D.V.; Leonova, S.A.; Moskvin, L.N.
Zavodskaya Laboratoriya, Diagnostika Materialov, **72**, 21-23 (2006)

8757. Use of SEC-ICP-MS with a collision cell for determining the interaction of chromium with DNA extracted from metal-contaminated soils
Mueller-Spitz, S.R.; Vonderheide, A.P.; Shann, J.R.; Caruso, J.A.; Kinkle, B.K.
Anal. Bioanal. Chem., **386**, 142-151 (2006)

8758. Amperometric glucose biosensor based on rhodium dioxide-modified carbon ink
Kotzian, P.; Brazdilova, P.; Rezkova, S.; Kalcher, K.; Vytras, K.

Electroanalysis, **18**, 1499-1504 (2006)

8759. Experimental investigation of phase inversion in an oil-water flow through a horizontal pipe loop
Piela, K.; Delfos, R.; Ooms, G.; Westerweel, J.; Oliemans, R.V.A.; Mudde, R.F.
Int. J. Multiphas. Flow, **32**, 1087-1099 (2006)

8760. Flow injection chemiluminescence determination of naproxen based on $KMnO_4$-Na_2SO_3 reaction in neutral aqueous medium
Li, Y.; Lu, J.
Anal. Chim. Acta, **577**, 107-110 (2006)

8761. Flow injection system for potentiometric determination of alkaline phosphatase inhibitors
Koncki, R.t; Rudnicka, K.; Tymecki, L.
Anal. Chim. Acta, **577**, 134-139 (2006)

8762. Electrodeposited glucose oxidase/anionic clay for glucose biosensors design
Mignani, A.; Scavetta, E.; Tonelli, D.
Anal. Chim. Acta, **577**, 98-106 (2006)

8763. Amperometric detection of insulin at renewable sol-gel derived carbon ceramic electrode modified with nickel powder and potassium octacyanomolybdate(IV)
Salimi, A.; Roushani, M.; Haghighi, B.; Soltanian, S.
Biosens. Bioelectron., **22**, 220-226 (2006)

8764. Electronic tongue for flow-through analysis of beverages
Ciosek, P.; Brzozka, Z.; Wroblewski, W.
Sensor. Actuat. B-Chem., **B118**, 454-460 (2006)

8765. Flow-injection solvent extraction without phase separation
Alonso, A.; Almendral, M.J.; Porras, M.J.; Curto, Y.
J. Pharm. Biomed. Anal., **42**, 171-177 (2006)

8766. Flow injection chemiluminescence determination of cefadroxil using potassium permanganate and formaldehyde system
Thongpoon, C.; Liawruangrath, B.; Liawruangrath, S.; Wheatley, R.A.; Townshend, A.
J. Pharm. Biomed. Anal., **42**, 277-282 (2006)

8767. Flow injection chemiluminescent determination of amiodarone in pharmaceutical preparations using photogenerated tris(2,2'-bipyridyl)ruthenium(III)
Perez-Ruiz, T.; Martinez-Lozano, C.; Martin, J.; Ruiz, E.
J. Pharm. Biomed. Anal., **42**, 143-147 (2006)

8768. Determination of Pb and Cd in environmental water sample by on-line mini-column preconcentration and flow injection-flame atomic absorption spectrometry
Wang, A.-x.; Guo, L.-p.; Wu, D.-m.
Guangpuxue Yu Guangpu Fenxi, **26**, 1345-1348 (2006)

8769. Alternatives for coupling sequential injection systems to commercial capillary electrophoresis-mass spectrometry equipment
Santos, B.; Simonet, B. M.; Lendl, B.; Rios, A.; Valcarcel, M.
J. Chromatogr. A, **1127**, 278-285 (2006)

8770. Onset of non-linearity in zonal elution separators: The concept of effective analyte concentration
Martin, M.
J. Chromatogr. A, **1126**, 129-142 (2006)

8771. Determination of total iron in fresh waters using flow injection with potassium permanganate chemiluminescence detection
Yaqoob, M.; Waseem, A.; Nabi, A.
J. Anal. Chem., **61**, 917-921 (2006)

8772. Flow Injection On-Line Solid Phase Extraction Coupled with Inductively Coupled Plasma Mass Spectrometry for Determination of (Ultra)Trace Rare Earth Elements in Environmental Materials Using Maleic Acid Grafted Polytetrafluoroethylene Fibers as Sorbent
Wang, Z.-H.; Yan, X.-P.; Wang, Z.-P.; Zhang, Z.-P.; Liu, L.-W.
J. Am. Soc. Mass Spectro., **17**, 1258-1264. (2006)

8773. Analytical applications of a carbon nanotubes composite modified with copper microparticles as detector in flow systems
Arribas, A.S.; Bermejo, E.; Chicharro, M.; Zapardiel, A.; Luque, G.L.; Ferreyra, N.F.; Rivas, G.A.
Anal. Chim. Acta, **577**, 183-189 (2006)

8774. Development of a dual cell, flow-injection sample holder, and NMR probe for comparative ligand-binding studies
Marquardsen, T.; Hofmann, M.; Hollander, J.G.; Loch, C.M.P.; Kiihne, S.R.; Engelke, F.; Siegal, G.
J. Magn. Reson., **182**, 55-65 (2006)

8775. Flow injection spectrophotometry of lead(II) by on-line preconcentration method using silica capillary tube
Watanabe, K.; Ichihara, F.; Itagaki, M.
Bunseki Kagaku, **55**, 579-585 (2006)

8776. Flow injection chemiluminescence method for the determination of diethylstilbestrol with *N*-bromosuccinimide-luminol system
Wang, S.-h.; Zhuang, H.-s.; Yao, X.-j.; Du, L.-y.
Fenxi Shiyanshi, **25**, 10-12 (2006)

8777. Amperometric determination of iodide in expectorant oral solution by flow injection analysis using iodide/nitrite reaction
Aguiar, M.A.S.; Berbigao, P.N.; Mori, V.
Ecletica Quimica, **31**, 63-68 (2006)

8778. Determination of total calcium in plasma by flow injection analysis with tris(2,2'-bipyridyl)ruthenium(II) electrochemiluminescent detection
Shi, L.; Liu, X.; Li, H.; Xu, G.
Electroanalysis, **18**, 1584-1589 (2006)

8779. Flow-injection determination of thyroxine using immobilized enzyme with tris(2,2'-bipyridyl)ruthenium(III) chemiluminescence detection
Waseem, A.; Yaqoob, M.; Nabi, A.
Anal. Sci., **22**, 1095-1098 (2006)

8780. Optically specific detection of D- and L-lactic acids by a flow-injection dual biosensor system with on-line microdialysis sampling
Nanjo, Y.; Yano, T.; Hayashi, R.; Yao, T.
Anal. Sci., **22**, 1135-1138 (2006)

8781. Determination of fructosyl amino acids and fructosyl peptides in protease-digested blood sample by a flow-injection system with an enzyme reactor
Nanjo, Y.; Hayashi, R.; Yao, T.
Anal. Sci., **22**, 1139-1143 (2006)

8782. Flow-injection chemiluminescence determination of ofloxacin and levofloxacin in pharmaceutical preparations and biological fluids
Sun, H.; Li, L.; Chen, X.
Anal. Sci., **22**, 1145-1149 (2006)

8783. Determination of risperidone at picogram level in human urine by luminol-H_2O_2 chemiluminescence
Xie, X.F.; Shao, X.D.; Song, Z.H.
Chemical Papers, **60**, 288-292 (2006)

8784. Fractional factorial design and simplex algorithm for optimizing sequential injection analysis (SIA) and second order calibration
Pasamontes, A.; Callao, P.
Chemometr. Intell. Lab., **83**, 127-132 (2006)

8785. A Gas-Phase Chemiluminescence-Based Analyzer for Waterborne Arsenic
Idowu, A.D.; Dasgupta, P.K.; Genfa, Z.; Toda, K.; Garbarino, J.R.
Anal. Chem., **78**, 7088-7097 (2006)

8786. Using sequential injection analysis for fast determination of phosphate in coastal waters
Frank, C.; Schroeder, F.; Ebinghaus, R.; Ruck, W.
Talanta, **70**, 513-517 (2006)

8787. The development of sequential injection analysis coupled

with lab-on-valve for copper determination
Leelasattarathkul, T.; Liawruangrath, S.; Rayanakorn, M.; Oungpipat, W.; Liawruangrath, B.
Talanta, **70**, 656-660 (2006)

8788. Electroanalytical determination of paroxetine in pharmaceuticals
Nouws, H.P.A.; Delerue-Matos, C.; Barros, A.A.; Rodrigues, J.A.
J. Pharm. Biomed. Anal., **42**, 341-346 (2006)

8789. Determination of metoprolol tartrate in tablets and human urine using flow-injection chemiluminescence method
Liu, H.; Ren, J.; Hao, Y.; Ding, H.; He, P.; Fang, Y.
J. Pharm. Biomed. Anal., **42**, 384-388 (2006)

8790. Determination of nitrate and nitrite in dairy samples by sequential injection using an in-line cadmium-reducing column
Reis Lima, M.J.; Fernandes, S.M.V.; Rangel, A.O.S.S.
Int. Dairy J., **16**, 1442-1447 (2006)

8791. Rapid HPLC and direct flow injection analysis assay for the determination of trimetazidine HCl in pharmaceutical tablet formulation
Altiokka, G.; Kircali, K.; Aboul-Enein, H.Y.
J. Liq. Chromatogr. R. T., **29**, 2245-2255 (2006)

8792. A new approach to construct diffusion/permeation cell for use in flow systems. Application in the spectrophotometric determination of bicarbonate ions
de Oliveira, Paulo C. C.; Masini, Jorge C.; Galhardo, Cristiane X.; Lima, Jose C. de S.; Sant'ana, Antonio E. G.; Vasconcelos, A.M.G.; Nunes, W.P.; Amaral, O.L.C.
J. Braz. Chem. Soc., **17**, 976-980 (2006)

8793. Determination of Trace Hydroxyl Radicals by Flow Injection Spectrofluorometry and Its Analytical Application
Gao, J.J.; Xu, K.H.; Hu, J.X.; Huang, H.; Tang, B.
J. Agr. Food Chem., **54**, 7968-7972 (2006)

8794. Development of a chemiluminescent immunosensor for chloramphenicol
Park, I.-S.; Kim, N.
Anal. Chim. Acta, **578**, 19-24 (2006)

8795. Multicommuted flow system employing pinch solenoid valves and micro-pumps
Lavorante, A.F.; Pires, C.K.; Reis, B.F.
J. Pharm. Biomed. Anal., **42**, 423-429 (2006)

8796. Determination of iodide using flow injection with acidic potassium permanganate chemiluminescence detection
Yaqoob, M.; Atiq-ur-Rehman; Waseem, A.; Nabi, A.
Luminescence, **21**, 221-225 (2006)

8797. An assay for inorganic mercury(II) based on its post-catalytic enhancement effect on the potassium permanganate-luminol system
Hu, S.; Liu, W.; Huang, Y.; Shu, W.; Cao, J.
Luminescence, **21**, 245-250 (2006)

8798. Chemiluminescence flow-injection analysis of β-lactam antibiotics using the luminol-permanganate reaction
Li, Y.; Lu, J.
Luminescence, **21**, 251-255 (2006)

8799. A PVC/TTF-TCNQ composite electrode for use as a detector in flow injection analysis
Cano, M.; Palenzuela, B.; Rodriguez-Amaro, R.
Electroanalysis, **18**, 1727-1729 (2006)

8800. Highly selective micro-sequential injection lab-on-valve (μSI-LOV) method for the determination of ultra-trace concentrations of nickel in saline matrices using detection by electrothermal atomic absorption spectrometry
Long, X.; Miro, M.; Jensen, R.; Hansen, E.H.
Anal. Bioanal. Chem., **386**, 739-748 (2006)

8801. A new generation of CN^- sensing silver chalcogenide-selective membranes for FIA application
Neshkova, M.T.; Pancheva, E.M.; Pashova, V.
Sensor. Actuat. B-Chem., **B119**, 625-631 (2006)

8802. Rapid and sensitive identification and determination of urine luck by ESI-MS after reduction of chromate
Minakata, K.; Gonmori, K.; Okamoto, N.; Nozawa, H.; Watanabe, K.; Suzuki, O.
Forensic Toxicology, **24**, 48-50 (2006)

8803. Microflow injection system based on a multicommutation technique for nitrite determination in wastewaters
Baeza, M.M.; Ibanez-Garcia, N.; Baucells, J.; Bartroli, J.; Alonso, J.
Analyst, **131**, 1109-1115 (2006)

8804. A membraneless gas diffusion unit: Design and its application to determination of ethanol in liquors by spectrophotometric flow injection
Choengchan, N.; Mantim, T.; Wilairat, P.; Dasgupta, P.K.; Motomizu, S.; Nacapricha, D.
Anal. Chim. Acta, **579**, 33-37 (2006)

8805. Development of computer-controlled flow injection instruments and its application to determination of nitrate, nitrite and ammonium ions in environmental samples
Joice, Y.; Lenghor, N.; Takayanagi, T.; Oshima, M.; Motomizu, S.; Ura, N.
Bunseki Kagaku, **55**, 707-713 (2006)

8806. Kinetic determination of cysteine on flow injection system by utilizing catalytic complexation reaction of Cu(II) with 5,10,15,20-tetrakis (4-*N*-trimethylammino-phenyl) porphyrin
Liu, J.; Itoh, J.
Talanta, **70**, 791-796 (2006)

8807. Construction and analytical application of an on-column photo reactor for improved detection of iron-species as plant metabolites in capillary flow injection and capillary electrophoresis
Xuan, Y.; Weber, G.; Manz, A.
J. Chromatogr. A, **1130**, 212-218 (2006)

8808. Sequential injection analysis for Cr(VI) and Cr(III) with renewable surface reflection spectrophotometry
Wang, J.; Xue, B.
Anal. Sci., **22**, 1233-1236 (2006)

8809. 1D and 2D Temperature Imaging with a Fluorescent Ruthenium Complex
Filevich, O.; Etchenique, R.
Anal. Chem., **78**, 7499-7503 (2006)

8810. A microfluidic chip-based flow injection system with gas diffusion separation and photometric detection
Jia, H.-X.; Wang, S.-L.; Xu, Z.-R.; Fang, Z.-L.
Gaodeng Xuexiao Huaxue Xuebao, **27**, 1621-1625 (2006)

8811. Electroanalytical approach to evaluate antioxidant capacity in honeys: proposal of an antioxidant index
Avila, M.; Crevillen, A.G.; Gonzalez, M.C.; Escarpa, A.; Hortiguela, L.V.; Carretero, C.L.; Martin, R.A.P.
Electroanalysis, **18**, 1821-1826 (2006)

8812. Enrichment and determination of trace silver by a nanometer alumina microcolumn of immobilization of p-Dimethylaminobenzal rhodamine with flow injection-flame atomic absorption spectrometry
Xiong, W.; Zhou, F.; Jiang, F.
Fenxi Huaxue, **34**, 742 (2006)

8813. A novel flow injection chemiluminescence method for determination of sisomicin based on NBS-dichlorofluorescein reaction
He, S.-h.
Fenxi Shiyanshi, **25**, 41-43 (2006)

8814. FI chemiluminescence determination of VB1 with on-line electrogenerated hypochlorite and its application in urine assay
Xie, Z.-p.; Cai, D.-j.; Zhong, H.; Wang, J.-w.
Fenxi Shiyanshi, **25**, 64-67 (2006)

8815. Simultaneous spectrophotometric determination of Fe(II) and Fe(III) by flow injection analysis
Gao, L.-j.; Chai, H.-m.; Sun, X.-h.; Guo, Y.-h.

Fenxi Shiyanshi, **25**, 84-87 (2006)

8816. Determination of vitamin E by a new flow injection chemiluminescence inhibition method
Li, L.-j.; Zhong, Z.-h.; Chen, Q.-f.; Feng, J.; Cheng, H.; Huang, W.-y.; Kong, H.-x.; Wu, J.-l.
Fenxi Shiyanshi, **25**, 107-111 (2006)

8817. Multi-walled carbon nanotubes as sorbent for flow injection on-line microcolumn preconcentration coupled with flame atomic absorption spectrometry for determination of cadmium and copper
Liang, H.-D.; Han, D.-M.
Anal. Lett., **39**, 2285-2295 (2006)

8818. Electroanalytical study of the pesticide ethiofencarb
Barroso, M.F.; Vaz, M.C.V.F.; Sales, M.G.F.; Paiga, P.; Delerue-Matos, C.
Anal. Lett., **39**, 2387-2403 (2006)

8819. A sensitive flow injection fluorimetry for the determination of carbamazepine in human plasma
Zhang, Z.-Q.; Liang, G.-X.; Ma, J.; Lei, Y.; Lu, Y.-M.
Anal. Lett., **39**, 2417-2428 (2006)

8820. Flow-injection chemiluminescence analysis of cloperastine hydrochloride
Sun, S.; Lu, J.
Anal. Lett., **39**, 2475-2481 (2006)

8821. The Determination of Morphine in the Larvae of Calliphora stygia using Flow Injection Analysis and HPLC with Chemiluminescence Detection
Gunn, J.A.; Shelley, C.; Lewis, S.W.; Toop, T.; Archer, M.
J. Anal. Toxicol., **30**, 519-523 (2006)

8822. How far did the apparatus for water quality analysis evolve? Part 19. Flow injection analysis. (1)
Higuchi, K.
Kogyo Yosui, **576**, 12-21 (2006)

8823. Simple, rapid and sensitive determination of hexacyanoferrate(II) (ferrocyanide) in salts by flow injection system utilizing anion exchange column as an integrated field for sensitive detection reaction and separation/preconcentration
Yamane, T.; Isawa, M.; Osada, S.
Nippon Kaisui Gakkaishi, **60**, 352-357 (2006)

8824. Simultaneous detection of creatine and creatinine using a sequential injection analysis/biosensor system
Stefan-van Staden, R.-I.; Bokretsion, R.G.; van Staden, J.F.; Aboul-Enein, H.Y.
Prep. Biochem. Biotech., **36**, 287-296 (2006)

8825. Coupling of sequential injection analysis and capillary electrophoresis - Laser-induced fluorescence via a valve interface for on-line derivatization and analysis of amino acids and peptides
Zacharis, C.K.; Tempels, F.W.A.; Theodoridis, G.A.; Voulgaropoulos, A.N.; Underberg, W.J.M.; Somsen, G.W.; De Jong, G.J.
J. Chromatogr. A, **1132**, 297-303 (2006)

8826. Flow Injection Chemiluminescence for the Determination of Estriol via a Noncompetitive Enzyme Immunoassay
Wang, S.; Du, L.; Lin, S.; Zhuang, H.
Microchim. Acta, **155**, 421-426 (2006)

8827. Determination of Tannic Acid by Flow Injection Analysis with Inhibited Chemiluminescence Detection
Li, S.; Chen, H.; Wei, X.; Lu, X.; Zhang, L.
Microchim. Acta, **155**, 427-430 (2006)

8828. A flow injection analysis system for on-line monitoring of cutinase activity at outlet of an expanded bed adsorption column almost in real time
Almeida, C.F.; Calado, C.R.C.; Bernardino, S.A.; Cabral, J.M.S.; Fonseca, L.P.
J. Chem. Technol. Biot., **81**, 1678-1684 (2006)

8829. Novel oxidation reaction of prochlorperazine with bromate in the presence of synergistic activators and its application to trace determination by flow injection/spectrophotometric method
Uraisin, K.; Takayanagi, T.; Nacapricha, D.; Motomizu, S.
Anal. Chim. Acta, **580**, 68-74 (2006)

8830. Flow-injection post chemiluminescence determination of atropine sulfate
Sun, S.; Lu, J.
Anal. Chim. Acta, **580**, 9-13 (2006)

8831. Comparison of some newly synthesized chemically modified Amberlite XAD-4 resins for the preconcentration and determination of trace elements by flow injection inductively coupled plasma-mass spectrometry (ICP-MS)
Kara, D.; Fisher, A.; Hill, S.J.
Analyst, **131**, 1232-1240 (2006)

8832. Studying metal integration in native and recombinant copper proteins by hyphenated ICP-DRC-MS and ESI-TOF-MS capabilities and limitations of the complementary techniques
Hann, S.; Obinger, C.; Stingeder, G.; Paumann, M.; Furtmueller, P.G.; Koellensperger, G.
J. Anal. Atom. Spectrom., **21**, 1224-1231 (2006)

8833. The direct analysis of fuel ethanol by ICP-MS using a flow injection system coupled to an ultrasonic nebulizer for sample introduction
Saint'Pierre, T.D.; Tormen, L.; Frescura, V.L.A.; Curtius, A.J.
J. Anal. Atom. Spectrom., **21**, 1340-1344 (2006)

8834. Highly improved sensitivity of TS-FF-AAS for Cd(II) determination at ng L^{-1} levels using a simple flow injection minicolumn preconcentration system with multiwall carbon nanotubes
Teixeira Tarley, C.R.; Barbosa, A.F.; Gava Segatelli, M.; Costa Figueiredo, E.; Orival Luccas, P.
J. Anal. Atom. Spectrom., **21**, 1305-1313 (2006)

8835. Fluorimetric determination of aluminum using sequential injection analysis (SIA): state of our art and future developments
Al-Kindy, S.M.Z.; Suliman, F.E.O.; Pillay, A.E.
Instrum. Sci. Technol., **34**, 619-633 (2006)

8836. Flow-injection analysis with photometric detection for the screening of tyrosinase inhibitors
Kageshima, K.; Okada, K.; Ishihara, Y.; Shimizu, T.
Nippon Keshohin Gijutsusha Kaishi, **40**, 217-223 (2006)

8837. Flow-injection immuno-bioassay for interleukin-6 in humans based on gold nanoparticles modified screen-printed graphite electrodes
Liang, K.Z.; Mu, W.J.
Anal. Chim. Acta, **580**, 128-135 (2006)