

FIA Bibliography (55)

Yasuhiro IIDA, Kanagawa Institute of Technology

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

11626. FIA Bibliography (54)
Iida, Y.
J. Flow Injection Anal. **27**, 190-201 (2010).
11627. Selective detection of hydroxyl radical scavenging capacity based on electrogenerated chemiluminescence detection using tris(2,2'-bipyridine)ruthenium(III) by flow injection analysis
Nobushi Y.; Uchikura K.
Chem. Pharm. Bull., **58**, 117-20 (2010).
11628. Flow injection chemiluminescence determination of 6-mercaptopurine based on a new system of potassium permanganate-thioacetamide-sodium hexametaphosphate
Wang L.; Ling B.; Chen H.; Liang A.; Qian B.; Fu J.
Luminescence : the journal of biological and chemical Luminescence, **25**, 431-5 (2010).
11629. Determination of rutin by flow injection chemiluminescence method using the reaction of luminol and potassium hexacyanoferrate(III) with the aid of response surface methodology
Yang D.; Li H.; Li Z.; Hao Z.; Li J.
Luminescence : the journal of biological and chemical Luminescence, **25**, 436-44 (2010).
11630. Miniaturized optical chemosensor for flow-based assays
Pokrzywnicka M.; Cocovi-Solberg D. J.; Miro M.; Cerda V.; Koncki R.; Tymecki L.
Anal. BioAnal. Chem., **399**, 1381-7 (2011).
11631. Stopped-flow microarray immunoassay for detection of viable *E. coli* by use of chemiluminescence flow-through microarrays
Langer V.; Niessner R.; Seidel M.
Anal. BioAnal. Chem., **399**, 1041-50 (2011).
11632. Application of experimental design in optimization of the separation condition for determination of four active components in cold medicines by flow injection-capillary Electrophoresis
Liu X.; Chen X.
J. Chromatogr. Sci., **49**, 142-7 (2011).
11633. High-throughput sequential injection method for simultaneous determination of plutonium and neptunium in environmental solids using macroporous anion-exchange chromatography, followed by inductively coupled plasma mass spectrometric detection
Qiao J.; Hou X.; Roos P.; Miro M.
Anal. Chem., **83**, 374-81 (2011).
11634. Performance evaluation of fast Fourier-transform continuous cyclic-voltammetry pesticide biosensor
Ebrahimi B.; Shojaosadati S. A.; Daneshgar P.; Norouzi P.; Mousavi S. M.
Anal. Chim. Acta, **687**, 168-76 (2011).
11635. EIS microfluidic chips for flow immunoassay and ultrasensitive cholera toxin detection
Chiriaco M. S.; Primiceri E.; D'Amone E.; Ionescu R. E.; Rinaldi R.; Maruccio G.
Lab Chip, **11**, 658-63 (2011).
11636. Immobilization of phenylalanine dehydrogenase and its application in flow-injection analysis system for determination of plasma phenylalanine
Tarhan L.; Ayar-Kayali H.
Appl. Biochem. Biotechnol., **163**, 258-67 (2011).
11637. Application of a fluorescence-based continuous-flow bioassay to screen for diversity of cytochrome P450 BM3 mutant libraries
Reinen J.; Ferman S.; Vottero E.; Vermeulen N. P. E.; Commandeur J. N. M.
J. Biomol. Screen. : the official journal of the Society for Biomolecular Screening, **16**, 239-50 (2011).
11638. Flow injection potentiometric determination of pancuronium bromide in pharmaceutical preparation and urine samples using modified carbon paste electrodes
Zayed S. I. M.
Chem. Pharm. Bull., **59**, 254-9 (2011).
11639. Field measurement of nitrate in marine and estuarine waters with a flow analysis system utilizing on-line zinc reduction
Ellis P. S.; Shabani A. Mohammad H.; Gentle B. S.; McKelvie I. D.
Talanta, **84**, 98-103 (2011).
11640. Analysis of phenolic compounds in health care products by low-pressure liquid-chromatography with monolithic column and chemiluminescent detection
Ballesta-Claver J.; Valencia M. C.; Capitan-Vallvey L. F.
Luminescence, **26**, 44-53 (2011).
11641. Sensitive determination of epinephrine in pharmaceutical preparation by flow injection coupled with chemiluminescence detection and mechanism study
Liu Y.; Liu Z.; Shi Y.
Luminescence : the journal of biological and chemical Luminescence, **26**, 59-64 (2011).
11642. A hyaluronic acid dispersed carbon nanotube electrode used for a mediatorless NADH sensing and biosensing
Filip J.; Sefcovicova J.; Tomcik P.; Gemeiner P.; Tkac J.
Talanta, **84**, 355-61 (2011).
11643. Screening of conditions controlling spectrophotometric sequential injection analysis
Idris A. M.
Chem. Cent. J., **5**, 9 (2011).
11644. Flow injection mass spectroscopic fingerprinting and multivariate analysis for differentiation of three *Panax* species
Chen P.; Harnly J. M.; Harrington P. B.
J. AOAC Int., **94**, 90-9 (2011).
11645. Sequential injection analysis for optimization of molecular biology reactions
Allen P. B.; Ellington A. D.
Anal. Chem., **83**, 2194-200 (2011).
11646. Determination of As(III) and total inorganic As in water samples using an on-line solid phase extraction and flow injection hydride generation atomic absorption spectrometry
Sigrist M.; Albertengo A.; Beldomenico H.; Tudino M.
J. Hazard. Mater., **188**, 311-8 (2011).
11647. Enzyme based assays in a sequential injection format: a review
Silvestre C. I. C.; Pinto P. C. A. G.; Segundo M. A.; Saraiva M. L. M. F. S.; Lima J. L. F. C.
Anal. Chim. Acta, **689**, 160-77 (2011).
11648. Electrocatalytic detection of phenolic estrogenic

- compounds at NiTPPS
Liu X.; Feng H.; Liu X.; Wong D. K. Y.
Anal. Chim. Acta, **689**, 212-8 (2011).
11649. A novel cross-H-channel interface for flow injection-capillary *Electrophoresis* to reduce sample requirement and improve sensitivity
Zhu H.-d.; Lu W.; Li H.-h.; Ma Y.-h.; Hu S.-q.; Chen H.-l.; Chen X.-g.
Analyst, **136**, 1322-8 (2011).
11650. Developing a validated liquid chromatography-mass spectrometric method for the simultaneous analysis of five bioactive quassinoid markers for the standardization of manufactured batches of *Eurycoma longifolia* Jack extract as antimalarial medicaments
Teh C.-H.; Murugaiyah V.; Chan K.-L.
J. Chromatogr. A, **1218**, 1861-77 (2011).
11651. Automatic flow methodology for kinetic and inhibition studies of reactions with poorly water-soluble substrates in ionic liquid systems
Araujo A. R. T. S.; Saraiva M. L. M. F. S.; Lima J. L. F. C.
Anal. Chim. Acta, **690**, 101-7 (2011).
11652. Power-Free Microchip Immunoassay of PSA in Human Serum for Point-of-Care Testing
Okada H.; Hosokawa K.; Maeda M.
Anal. Sci., **27**, 237 (2011).
11653. FI-photoinduced Chemiluminescence Method for Diuron Determination in Water Samples
Catala-Icardo M.; Lopez-Paz J. L.; Pena-Badena A.
Anal. Sci., **27**, 291 (2011).
11654. Chemiluminescence from an Oxidation Reaction of Rhodamine B with Cerium(IV) in a Reversed Micellar Medium of Cetyltrimethylammonium Chloride in 1-Hexanol-Cyclohexane/Water
Hasanin T. H. A.; Tsunemine Y.; Tsukahara S.; Okamoto Y.; Fujiwara T.
Anal. Sci., **27**, 297 (2011).
11655. Direct introduction of water sample in multisegmented flow-injection analysis for sulfide determination
Lima G. F.; Brondi A. M.; Paiva A. L. S. F.; Tarley C. R. T.; Oliveira A. F.; Wisniewski C.; Luccas P. O.
Anal. Sci., **27**, 309 (2011).
11656. Chemiluminescence and electrochemiluminescence detection of controlled drugs
Adcock J. L.; Barrow C. J.; Barnett N. W.; Conlan X. A.; Hogan C. F.; Francis P. S.
Drug Test. Anal., **3**, 145-60 (2011).
11657. Chemiluminescence and electrochemiluminescence detection of controlled drugs
Adcock J. L.; Barrow C. J.; Barnett N. W.; Conlan X. A.; Hogan C. F.; Francis P. S.
Drug Test. Anal., **3**, 145-60 (2011).
11658. Effect of quantifying peptide release on ruminal protein degradation determined using the inhibitor in vitro system
Colombini S.; Broderick G. A.; Clayton M. K.
J. Dairy Sci., **94**, 1967-77. (2011)
11659. Application of flow injection analysis-photo-induced fluorescence (FIA-PIF) for the determination of α -cypermethrin pesticide residues in natural waters
Mbaye M.; Gaye S. M. D.; Aaron J. J.; Coly A.; Tine A.
Anal. BioAnal. Chem., **400**, 403-10 (2011).
11660. Fast determination of oleic acid in pork by flow injection analysis/mass spectrometry
Munoz R.; Vilaro F.; Eras J.; Estany J.; Tor M.
Rapid Commun. Mass Spectrom. : RCM, **25**, 1082-8 (2011).
11661. Separation and preconcentration system based on microextraction with ionic liquid for determination of copper in water and food samples by stopped-flow injection spectrofluorimetry
Zeeb M.; Ganjali M. R.; Norouzi P.; Kalaei M. R.
Food Chem. Toxicol., **49**, 1086-91 (2011).
11662. Detection of total phenol in green and black teas by flow injection system and unmodified screen printed electrode
de Mattos Ivanildo L.; Zagal J. H.
Int. J. Anal. Chem., **2010**, 143714 (2010).
11663. Antioxidative activity of microbial metabolites of (-)-epigallocatechin gallate produced in rat intestines
Takagaki A.; Otani S.; Nanjo F.
Biosci. Biotechnol. Biochem., **75**, 582-5 (2011).
11664. Evaluation of a High Resolving Power Time-of-Flight Mass Spectrometer for Drug Analysis in Terms of Resolving Power and Acquisition Rate
Pelander A.; Decker P.; Baessmann C.; Ojanpera I.
J. Am. Soc. Mass Spectr., **22**, 379-85 (2011).
11665. In situ laser-induced photochemical silver substrate synthesis and sequential SERS detection in a flow cell
Herman K.; Szabo L.; Leopold L. F.; Chis V.; Leopold N.
Anal. BioAnal. Chem., **400**, 815-20 (2011).
11666. An electrochemiluminescence sensor for determination of durabolin based on CdTe QD films by layer-by-layer self-assembly
Wan F.; Yu J.; Yang P.; Ge S.; Yan M.
Anal. BioAnal. Chem., **400**, 807-14 (2011).
11667. Use of epoxy-embedded electrodes to integrate electrochemical detection with microchip-based analysis systems
Selimovic A.; Johnson A. S.; Kiss I. Z.; Martin R. S.
Electrophoresis, **32**, 822-31 (2011).
11668. Comparison of performance parameters of photothermal procedures in homogeneous and heterogeneous systems
Proskurnin M. A.; Ryndina E. S.; Tsar'kov Dmitrii S.; Shkinev V. M.; Smirnova A.; Hibara A.
Anal. Sci., **27**, 381 (2011). Language:
11669. Flow-injection analysis of hydrogen peroxide based on carbon nanospheres catalyzed hydrogen carbonate-hydrogen peroxide chemiluminescent reaction
Chen H.; Lin L.; Lin Z.; Lu C.; Guo G.; Lin J.-M.
Analyst, **136**, 1957-64 (2011).
11670. Flow injection measurements of S-nitrosothiols species in biological samples using amperometric nitric oxide sensor and soluble organoselenium catalyst reagent
Huang C.; Brisbois E.; Meyerhoff M. E.
Anal. Bioanal. Chem., **400**, 1125-1135 (2011).
11671. Flow injection colorimetric method using acidic ceric nitrate as reagent for determination of ethanol
Pinyou P.; Youngvises N.; Jakmunee J.
Talanta, **84**, 745-751 (2011).
11672. Offline glucose biomonitoring in yeast culture by polyamidoamine/ cysteamine-modified gold electrodes
Yuksel M.; Akin M.; Geyik C.; Demirkol D. O.; Ozdemir C.; Bluma A.; Hopfner T.; Beutel S.; Timur S.; Scheper T.
Biotechnol. Progr., **27**, 530-8 (2011).
11673. Determination of trace amounts of dopamine by flow-injection analysis coupled with luminol-Ag(III) complex chemiluminescence detection
Xu X.; Shi H.; Ma L.; Kang W.; Li S.
Luminescence, **26**, 93-100 (2011).
11674. Selective determination of human immunoglobulin G by flow-injection chemiluminescence
Zhou M.; Wang J.; Ma Y.; Fang Y.; Chen J.; Chen H.
Luminescence, **26**, 142-7 (2011).
11675. Simple flow injection analysis system for simultaneous determination of phenolic antioxidants with multiple pulse amperometric detection at a boron-doped diamond electrode

- Medeiros R. A.; Lourenco B. C.; Rocha-Filho R. C.; Fatibello-Filho O.
Anal. Chem., **82**, 8658-63 (2010).
11676. Study on the chemiluminescence behavior of bovine serum albumin with luminol and its analytical application
Tan X.; Song Z.; Chen D.; Wang Z.
Spectrochim. Acta A Mol. Biomol. Spectrosc., **79**, 232-5 (2011).
11677. Detection of staphylococcal enterotoxin A (SEA) at picogram level by a capacitive immunosensor
Jantra J.; Kanatharana P.; Asawatreratanakul P.; Wongkittisuksa B.; Limsakul C.; Thavarungkul P.
J. Environ. Sci. Health, Part A: Toxic/Hazard. Subst. Environ. Eng., **46**, 560-8 (2011). Language: English,
11678. Displacement solid-phase extraction on mercapto-functionalized magnetite microspheres for inductively coupled plasma mass spectrometric determination of trace noble metals
Li Y.; Huang Y.-F.; Jiang Y.; Tian B.-L.; Han F.; Yan X.-P.
Anal. Chim. Acta, **692**, 42-9 (2011).
11679. Two rapid and sensitive automated methods for the determination of nitrite and nitrate in soil samples
Pasquali C. E. L.; Gallego-Pico, A.; Hernando P. F.; Velasco M.; Alegria J. S. D.
Microchem. J., **94**, 79-82 (2010).
11680. Cloud point extraction with/without chelating agent on-line coupled with inductively coupled plasma optical emission spectrometry for the determination of trace rare earth elements in biological samples
Li Y.; Hu B.
J. Hazard. Mater., **174**, 534-540 (2010).
11681. Determination of Sudan IV in hot chilli powder with luminol/dissolved oxygen chemiluminescence system
Niu L.; Song Z.; Chen D.
J. Sci. Food Agric., **90**, 338-342 (2010).
11682. Single interface flow system with potentiometric detection for the determination of nitrate in water and vegetables
Santos J. R.; Santos J. L. M.; Lima J. L. F. C.
Talanta, **80**, 1326-1332 (2010).
11683. Simultaneous kinetic determination of 3-hydroxybutyrate and 3-hydroxyvalerate in biopolymer degradation processes
García de María C.; Hueso Dominguez K. B.
Talanta, **80**, 1436-1440 (2010).
11684. Flow-injection chemiluminescence determination of dihydralazine sulfate in serum using luminol and diperiodatocuprate(III) system
Yang C.; Zhang Z.; Wang J.
Spectrochim. Acta A Mol. Biomol. Spectrosc., **75**, 77-82 (2010).
11685. Flow-Injection Amperometric Method for Indirect Determination of Dopamine in the Presence of a Large Excess of Ascorbic Acid
Gimenes D. T.; dos Santos W. T. P.; Tormin T. F.; Munoz, R. A. A.; Richter E. M.
Electroanalysis, **22**, 74-78 (2010).
11686. Factorial design and response surface optimization of spectrophotometric sequential injection analysis of olanzapine formulations
Idris A. M.
J. Anal. Chem., **65**, 36-42 (2010).
11687. Stopped-Flow Sequential Injection Spectrophotometry for Simultaneous Determination of Cu, Zn, Ni, and Mn in Environmental Water with Artificial Neural Networks Calibration
Chu N.; Ding C.; Fan S.
Anal. Lett., **43**, 335-348 (2010).
11688. FIA potentiometric system based on periodate polymeric membrane Sensors for the assessment of ascorbic acid in commercial drinks
Guerreiro J. R. L.; Kamel A. H.; Sales M. G. F.
Food Chem., **120**, 934-939 (2010).
11689. Internal standard in flow injection analysis with amperometric detection
Gimenes D. T.; Pio dos Santos W. T.; Munoz R. A. A.; Richter E. M.
Electrochem. Commun., **12**, 216-218 (2010).
11690. SEC: high speed methods
Kilz P.
Edited by Cazes, Jack
Encyclopedia of Chromatography (3rd Edition), **3**, 2124-2127 (2010).
11691. Sequential injections: HPLC analysis
Stefan R.-I.; van Staden J. F.; Aboul-Enein H. Y.
Edited by Cazes, Jack
Encyclopedia of Chromatography (3rd Edition), **3**, 2158-2161 (2010).
11692. Sequential injection-immunoassay system with a plain glass capillary reactor for the assay of hyaluronan
Kradtap Hartwell S.; Boonmalai A.; Kongtawelert P.; Grudpan K.
Anal. Sci., **26**, 69-74 (2010).
11693. N-bromosuccinimide-fluorescein system for the determination of protein by flow injection chemiluminescence
Cao W.; Fu Y.; Gong P.; Ma Y.; Qiao S.; Yang J.
Microchim. Acta, **168**, 17-21 (2010).
11694. Chemiluminescence determination of indole derivatives in human body fluids and soil by flow injection analysis using potassium permanganate
Han S.
Microchim. Acta, **168**, 169-175 (2010).
11695. Flow injection amperometric determination of pyridoxine at a Prussian blue nanoparticle-modified carbon ceramic electrode
Razmi H.; Mohammad-Rezaei R.
Electrochim. Acta, **55**, 1814-1819 (2010).
11696. A critical review of Total Volatile Bases and trimethylamine as indices of freshness of fish. Part 1. Determination Howgate P.
EJEAFChe, Electronic Journal of Environmental, Agricultural and Food Chemistry, **9**, 29-57 (2010).
11697. Highly sensitive and selective amperometric Sensors for nanomolar detection of iodate and periodate based on glassy carbon electrode modified with iridium oxide nanoparticles
Salimi A.; Hallaj R.; Kavosi B.; Hagighi B.
Anal. Chim. Acta, **661**, 28-34 (2010).
11698. Flow Cytometry as New Approach To Investigate Drug Transfer between Lipid Particles
Petersen S.; Fahr A.; Bunjes H.
Mol. Pharmaceutics, **7**, 350-363 (2010).
11699. Fractionation of plutonium in environmental and bio-shielding concrete samples using dynamic sequential extraction
Qiao J.; Hou X.
J. Environ. Radioact., **101**, 244-249 (2010).
11700. Flow-Injection Determination of Benzimidazole Fungicides in Natural Waters with Copper(II)-Hydrogen Peroxide Chemiluminescence
Waseem A.; Yaqoob M.; Nabi A.
Anal. Lett., **43**, 603-617 (2010).
11701. Determination of Diphenylpyraline Hydrochloride in Pure Solutions and Pharmaceutical Preparations Using Ion Selective Electrodes Under Batch and FIA Conditions
Abdel-Ghani N. T.; Hussein S. H.

- Anal. Lett.*, **43**, 582-602 (2010).
11702. A Novel Chemosensor for Fe(III) Based on Phosphorescence Quenched 9-Bromophenanthrene Induced by β -Cyclodextrin Combined with Flow Injection Renewable Drop
Chai H.-P.; Feng F.; Li R.-J.; Chen Z.-Z.; Liang W.-J.; Bai Y.-F.; Dong C.; Shao-Min S.
Anal. Lett., **43**, 711-720 (2010).
11703. Sequential administration with oxaliplatin-containing PEG-coated cationic liposomes promotes significant delivery of subsequent dose into murine solid tumor
Abu Lila, A. S.; Doi Y.; Nakamura K.; Ishida T.; Kiwada H.
J. Cont. Rel., **142**, 167-173 (2010).
11704. Electrochemical oxidation of glucose on silver nanoparticle-modified composite electrodes
Quan H.; Park S.-U.; Park J.
Electrochim. Acta, **55**, 2232-2237 (2010).
11705. Numerical investigation of flow-through immunoassay in a microchannel
Sinha A.; Ganguly R.; Puri I. K.
From Journal of Applied Physics, **107**, 034907/1-034907/6 (2010).
11706. Autocatalytic nature of permanganate oxidations exploited for highly sensitive chemiluminescence detection
Slezak T.; Terry J. M.; Francis P. S.; Hindson C. M.; Olson D. C.; Wolcott D. K.; Barnett N. W.
Anal. Chem., **82**, 2580-2584 (2010).
11707. Evaluation of the influence of arsenical livestock drinking waters on total arsenic levels in cow's raw milk from Argentinean dairy farms
Sigrist M.; Beldomenico H.; Rosa Repetti M.
Food Chem., **121**, 487-491 (2010).
11708. Determination of As, Cd, Cu, Hg and Pb in biological samples by modern electrothermal atomic absorption spectrometry
Sardans J.; Montes F.; Penuelas J.
Spectrochim. Acta Part B At. Spectrosc., **65**, 97-112 (2010).
11709. In-channel modification of biosensor electrodes integrated on a polycarbonate microfluidic chip for micro flow-injection amperometric determination of glucose
Wang Y.; He Q.; Dong Y.; Chen H.
Sens. Actuator B-Chem, **B145**, 553-560 (2010).
11710. Parabens determination with a hybrid FIA/HPLC system with ultra-short monolithic column
Garcia Jimenez J. F.; Carmen Valencia M.; Capitan-Vallvey L. F.
J. Anal. Chem., **65**, 188-194 (2010).
11711. A novel flow-injection chemiluminescence determination of uric acid based on diperiodatoargentate(III) oxidation.
Yang C.; Zhang Z.
Talanta, **81**, 477-481 (2010).
11712. A novel chemiluminescence method for the determination of ergometrine maleate in serum sample without chemiluminescence reagent
Hu Y.; Zhang Z.; Li G.
Talanta, **81**, 499-504 (2010).
11713. Determination of nickel and vanadium by capillary flow-injection ICPMS coupled to on column asphaltene separation method
Ellis J.; Rogel E.; Thomas L.; Moir M.; Ovalles C.
Prepr. - Am. Chem. Soc., Div. Pet. Chem., **55**, 18-20 (2010).
11714. Pervaporation flow injection analysis for the determination of sulphite in food samples utilising potassium permanganate-rhodamine B chemiluminescence detection
Satienerperakul S.; Phongdong P.; Liawruangrath S.
Food Chem., **121**, 893-898 (2010).
11715. Trace-level detection of atrazine using immuno-chemiluminescence: dipstick and automated flow injection analyses formats
Chouhan R. S.; Rana K. V. S.; Suri C. R.; Thampi R. K.; Thakur M. S.
J. AOAC Int., **93**, 28-35 (2010).
11716. Enhanced stability of enzyme organophosphate hydrolase interfaced on the carbon nanotubes
Pedrosa V. A.; Paliwal S.; Balasubramanian S.; Nepal D.; Davis V.; Wild J.; Ramanculov E.; Simonian A.
Colloids Surf. B Biointerfaces, **77**, 69-74 (2010).
11717. Electrochemical Oxidation and Sensitive Determination of Acetaminophen in Pharmaceuticals at Poly(3,4-ethylenedioxythiophene)-Modified Screen-Printed Electrodes
Su W.-Y.; Cheng S.-H.
Electroanalysis, **22**, 707-714 (2010).
11718. Amperometric Sniffer Based on Electrodes Supported on Ion-Exchangers for Monitoring the State of Turning Rancid of Lipids
Toniolo R.; Susmel S.; Dossi N.; Pizzariello A.; Martinis M.; Bontempelli G.
Electroanalysis, **22**, 645-652 (2010).
11719. Effect of a tie film on the enhanced interfacial adhesion between polyethylene and polyamide-6 in a sequential injection molding
Jiang G.; Wu H.; Yan B.; Guo S.
Polymer Engineering & Science, **50**, 719-729 (2010).
11720. Photometric cyclic-injection trace determination of phosphate ions in natural waters as an ion associate of phosphomolybdate with Astra Phloxine
Bulatov A. V.; Ivasenko P. A.; Subbotina K. A.; Vishnikin A. B.; Moskvina L. N.
J. Anal. Chem., **65**, 234-238 (2010).
11721. Microsequential injection analysis: Determination of rutin and quercetin in food supplements and pharmaceutical products
Matyushina T. A.; Morosanova E. I.; Zolotov Y. A.
J. Anal. Chem., **65**, 308-315 (2010).
11722. Recent trends in solid phase spectrometry: 2003-2009. A Review
Matsuoka S.; Yoshimura K.
Anal. Chim. Acta, **664**, 1-18 (2010).
11723. Flow analysis during compression of partially impregnated fiber preform under controlled force
Merotte J.; Simacek P.; Advani S. G.
Compos. Sci. Technol., **70**, 725-733 (2010).
11724. Luminol-potassium permanganate chemiluminescence system for the determination of three anthracycline antibiotics
Yu H.-L.; Tang Y.-H.; Lu H.-Y.; Yi J.-F.
Acad. J. Xi'an Jiaotong Univ, **22**, 20-24 (2010).
11725. PAN-doped SiO₂ as a new packing material for the online preconcentration and determination of trace lead(II) in biological and environmental samples using flame atomic absorption
Zhao S. L.; Yan H.; Liang H. D.; Yan Z. Z.; Lin Y. Q.
Flow Meas. Instrum., **43**, 122-129 (2010).
11726. A Flow-Injection Chemiluminescence Determination of Formaldehyde in Textiles
Kanwal S.; Ma Q.; Fu X.; Yuan P.; Su X.
Flow Meas. Instrum., **43**, 84-90 (2010).
11727. Development of a novel on-line flow injection mercury analyzer to determine gaseous elemental mercury over the northern South China Sea
Tseng C. M.; Lamborg C. H.; Fitzgerald W. F.
J. Anal. At. Spectrom., **25**, 526-533 (2010).

11728. Multi-walled carbon nanotube-packed micro-column for on-line sorption and determination of bismuth in environmental water samples by hydride generation atomic fluorescence spectrometry
Wu H.; Wang X.; Xu C.; Lu J.; Tian J.; Ma J.
Atom. Spectrosc., **31**, 14-20 (2010).
11729. Determination of olive oil acidity
Leal de Oliveira M. A.; Balesteros M. R.; Faria A. F.; Vaz F. A. S.
Edited by Preedy, Victor R.; Watson, Ronald Ross
Olives and Olive Oil in Health and Disease Prevention, 545-552 (2010).
11730. Flow-injection on-line electrochemical determination of acetylcholine and choline ions using a two-step oil/water-type flow cell system
Gohara E.; Osakai T.
Anal. Sci., **26**, 375-378 (2010).
11731. E/Q and ME/Q2 contributions to machine background in sequential injection radiocarbon AMS
Calcagnile L.; Quarta G.
Nuclear Instruments & Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, **268**, 830-833 (2010).
11732. Separation and preconcentration of persistent organic pollutants by cloud point extraction
Xie S.; Paau M. C.; Li C. F.; Xiao D.; Choi M. M. F.
J. Chromatogr. A, **1217**, 2306-2317 (2010).
11733. Determination of lead(II) by flow-injection analysis using luminol-potassium periodate post-chemi luminescence reaction
Chen L.; Li N. B.; Luo H. Q.
Instrum. Sci. Technol., **38**, 151-164 (2010).
11734. A portable flow injection analyzer for the in situ determination of filterable reactive phosphorus (FRP) in freshwater
Mankasingh U.; Worsfold P. J.
Instrum. Sci. Technol., **38**, 187-200 (2010).
11735. Online preconcentration and determination of trace levels cadmium in water samples using flow injection systems coupled with flame AAS
Zhao S.; Liang H.; Yan H.; Yan Z.; Chen S.; Zhu X.; Cheng M.
Clean: Soil, Air, Water, **38**, 146-152 (2010).
11736. α -novel determination method of Cu(II) ions on the immobilized humic acid by SPE-FIA hyphenated technique
Durmaz F.; Kara H.
Desalination, **256**, 1-8 (2010).
11737. Development of a fully automated sequential injection solid-phase extraction procedure coupled to liquid chromatography to determine free 2-hydroxy-4-methoxybenzophenone and 2-hydroxy-4-methoxybenzophenone-5-sulphonic acid in human urine
Leon Z.; Chisvert A.; Balaguer A.; Salvador A.
Anal. Chim. Acta, **664**, 178-184 (2010).
11738. Determination of tannic acid after precipitation with bovine serum albumin by visible light scattering in a flow injection system
Cheng T.-J.; Hsiao H.-Y.; Chung C.-Y.; Chen P.-C.; Chen R.e L. C.
Microchim. Acta, **169**, 117-122 (2010).
11739. Size dependent active effect of CdTe quantum dots on pyrogallol-H₂O₂ chemiluminescence system for chromium(III) detection
Kanwal S.; Fu X.; Su X.
Microchim. Acta, **169**, 167-172 (2010).
11740. Highly Sensitive Detection of Protein Toxins by Surface Plasmon Resonance with Biotinylation-Based Inline Atom Transfer Radical Polymerization Amplification
Liu Y.; Dong Y.; Jauw J.; Linman M. J.; Cheng Q.
Anal. Chem., **82**, 3679-3685 (2010).
11741. Introduction of electromagnetic induction heating technique into on-line chemical oxygen demand determination
Han S.; Gan W.; Jiang X.; Zi H.; Su Q.
Int. J. Environ. Anal. Chem., **90**, 137-147 (2010).
11742. Capillary Electrophoresis with contactless conductivity detection coupled to a sequential injection analysis manifold for extended automated monitoring applications
Mai T. D.; Schmid S.; Mueller B.; Hauser P. C.
Anal. Chim. Acta, **665**, 1-6 (2010).
11743. Flow injection method for the determination of silver concentration in drinking water for spacecrafts
Bruzzoniti M. C.; Kobylinska D. K.; Franko M.; Sarzanini C.
Anal. Chim. Acta, **665**, 69-73 (2010).
11744. Measurement of the hydroxyl radical formation from H₂O₂, NO₃⁻, and Fe(III) using a continuous flow injection analysis
Kwon B. G.; Kwon J.-H.
J. Ind. Eng. Chem., **16**, 193-199 (2010).
11745. Flow-injection amperometry at microfabricated silicon-based μ -liquid-liquid interface arrays
Scanlon M. D.; Berduque A.; Strutwolf J.; Arrigan D. W. M.
Electrochim. Acta, **55**, 4234-4239 (2010).
11746. Fast Fourier transformation with continuous cyclic voltammetry at Pt-Au dual microelectrode for the determination of chloramphenicol in a flow injection system
Norouzi P.; Rashedi H.; Mirzaei G, T.; Mirshafian R.; Ganjali M. R.
Int. J. Electrochem. Sci., **5**, 377-391 (2010).
11747. Flow injection chemiluminescence determination of isoniazid using luminol and silver nanoparticles
Haghighi B.; Bozorgzadeh S.
Microchem. J., **95**, 192-197 (2010).
11748. Flow injection system for the on-line preconcentration of Pb by cloud point extraction coupled to USN-ICP OES
Gil R. A.; Salonia J. A.; Gasquez J. A.; Olivieri A. C.; Olsina R.; Martinez L. D.
Microchem. J., **95**, 306-310 (2010).
11749. Solvent effects in TLS determination of beta-lactoglobulin
Cevdek A.; Franko M.
J. Phys. Conf. Ser., **214**, No pp. given (2010).
11750. Determination of colloid silver in drinking water by flow injection analysis with TLS spectrometric UV detection.
Kobylinska D. K.; Bruzzoniti M. C.; Sarzanini C.; Franko M.
J. Phys. Conf. Ser., **214**, No pp. given (2010).
11751. A manganese porphyrin-based sensor for flow-injection potentiometric determination of thiocyanate
Beheshti S. S.; Sohbat F.; Amini M. K.
J. Porphyr. Phthalocyanines, **14**, 158-165 (2010).
11752. Use of Sequential Injection Analysis to construct a potentiometric electronic tongue: Application to the multidetermination of heavy metals
Mimendia A.; Legin A.; Merkoci A.; del Valle M.
Sens. Actuator B-Chem, **B146**, 420-426 (2010).
11753. Particle trapping using dielectrophoretically patterned carbon nanotubes
Khoshmanesh K.; Zhang C.; Nahavandi S.; Tovar-Lopez F. J.; Baratchi S.; Hu Z.; Mitchell A.; Kalantar-Zadeh K.
Electrophoresis, **31**, 1366-1375 (2010).
11754. Degradation and antioxidant activity of κ -carrageenans
Sun T.; Tao H.; Xie J.; Zhang S.; Xu X.

- J. Appl. Polym. Sci.*, **117**, 194-199 (2010).
11755. Degradation and antioxidant activity of κ -carrageenans
Sun T.; Tao H.; Xie J.; Zhang S.; Xu X.
J. Appl. Polym. Sci., **117**, 194-199 (2010).
11756. Electrochemically Derived Redox Molecular
Architecture: A Novel Electrochemical Interface for
Voltammetric Sensing
Dey R. S.; Gupta S.; Paira R.; Raj C. R.
ACS Applied Materials & Interfaces, **2**, 1355-1360
(2010).
11757. Validation of a portable flow
injection-chemiluminescence (FI-CL) method for the
determination of dissolved iron in Atlantic open ocean
and shelf waters by comparison with isotope
dilution-inductively coupled plasma mass spectrometry
(IDICPMS)
Ussher S. J.; Petrov I.; Quétel C. R.; Worsfold P. J.
Environ. Chem., **7**, 139-145 (2010).
11758. Sequential injections as an alternative to gradient
exploitation for implementing differential kinetic
analysis in a flow injection system
Fortes P. R.; Feres M. A.; Zagatto E. A. G.; Lima J. L. F.
C.
Talanta, **81**, 1409-1412 (2010).
11759. Determination of antimony in environmental samples by
gas phase chemiluminescence detection following flow
injection hydride generation and cryotrapping
Ye Y.; Sang J.; Ma H.; Tao G.
Talanta, **81**, 1502-1507 (2010).
11760. A novel dual-valve sequential injection manifold
(DV-SIA) for automated liquid-liquid extraction.
Application for the determination of picric acid
Skrlíkova J.; Andruch V.; Sklenarova H.; Chocholous
P.; Solich P.; Balogh I. S.
Anal. Chim. Acta, **666**, 55-61 (2010).
11761. Application of a superoxide (O₂⁻) thermal source
(SOTS-1) for the determination and calibration of O₂-
fluxes in seawater
Heller M. I.; Croot P. L.
Anal. Chim. Acta, **667**, 1-13 (2010).
11762. Electrokinetic control of fluid transport in gold-coated
nanocapillary array membranes in hybrid
nanofluidic-microfluidic devices
Piruska A.; Branagan S. P.; Minnis A. B.; Wang Z.;
Crokek D. M.; Sweedler J. V.; Bohn P. W.
Lab Chip, **10**, 1237-1244 (2010).
11763. Flow injection spectrofluorimetric determination of
iron(III) in water using salicylic acid
Asan A.; Andac M.; Isildak I.
Chem. Pap., **64**, 424-428 (2010).
11764. Engineered Pyranose 2-Oxidase: efficiently Turning
Sugars into Electrical Energy
Spadiut O.; Brugger D.; Coman V.; Haltrich D.; Gorton
L.
Electroanalysis, **22**, 813-820 (2010).
11765. New luminol chemiluminescence reaction using
diperiodatoargentate as oxidate for the determination of
amikacin sulfate
Yang C.; Zhang Z.; Wang J.
Luminescence, **25**, 36-42 (2010).
11766. Chemiluminescence determination of naproxen based on
europium(III)-sensitized KIO₄-H₂O₂ reaction
Du J.; Li D.; Lu J.
Luminescence, **25**, 76-80 (2010).
11767. SI lab-on-valve analysis of histamine using
potentiometric detection for food quality control
Amorim C. G.; Souza R. C.; Araujo A. N.; Montenegro
M. C. B. S. M.; Silva V. L.
Food Chem., **122**, 871-876 (2010).
11768. A rapid antioxidant assay based on acidic potassium
permanganate chemiluminescence
Francis P. S.; Costin J. W.; Conlan X. A.; Bellomario S.
A.; Barnett J. A.; Barnett N. W.
Food Chem., **122**, 926-929 (2010).
11769. Interaction of surface-attached haemoglobin with
hydrophobic anions monitored by on-line acoustic wave
detector.
Ellis J. S.; Xu S. Q.; Wang X.; Herzog G.; Arrigan D. W.
M.; Thompson M.
Bioelectrochemistry, **79**, 6-10 (2010).
11770. Flow injection chemiluminescence determination of the
total phenolics levels in plant-derived beverages using
soluble manganese(IV)
Nalewajko-Sieliwoniuk E.; Tarasewicz I.; Kojlo A.
Anal. Chim. Acta, **668**, 19-25 (2010).
11771. Computer controlled-flow injection potentiometric
system based on virtual instrumentation for the
monitoring of metalbiosorption processes
Florido A.; Valderrama C.; Nualart S.; Velazco-Molina
L.; Arias de Fuentes O.; del Valle M.
Anal. Chim. Acta, **668**, 26-34 (2010).
11772. Downscaling a multicommuted flow injection analysis
system for the photometric determination of iodate in
table salt
Borges S. S.; Peixoto J. S.; Feres M. A.; Reis B. F.
Anal. Chim. Acta, **668**, 3-7 (2010).
11773. Development of a sequential injection dispersive
liquid-liquid microextraction system for electrothermal
atomic absorption spectrometry by using a hydrophobic
sorbent material: Determination of lead and cadmium in
natural waters
Anthemidis A. N.; Ioannou K.-I. G.
Anal. Chim. Acta, **668**, 35-40 (2010).
11774. A reagent-free SIA module for monitoring of sugar,
color and dissolved CO₂ content in soft drinks
Teerasong S.; Chan-Eam S.; Sreenonchai K.;
Amornthammarong N.; Ratanawimarnwong N.;
Nacapricha D.
Anal. Chim. Acta, **668**, 47-53 (2010).
11775. Determination of trace heavy metals in herbs by
sequential injection analysis-anodic stripping
voltammetry using screen-printed carbon nanotubes
electrodes
Injang U.; Noyrod P.; Siangproh W.; Dungchai W.;
Motomizu S.; Chailapakul O.
Anal. Chim. Acta, **668**, 54-60 (2010).
11776. New method for simultaneous determination of Fe(II)
and Fe(III) in water using flow injection technique
Kozak J.; Gutowski J.; Kozak M.; Wieczorek M.;
Koscielniak P.
Anal. Chim. Acta, **668**, 8-12 (2010).
11777. Solid-state electrochemiluminescence analysis with
coreactant of the immobilized tris(2,2'-bipyridyl)
ruthenium
Su M.; Liu S.
Anal. Biochem, **402**, 1-12 (2010).
11778. Behaviour and dynamics of di-ammonium phosphate in
bauxite processing residue sand in Western Australia. I:
NH₃ volatilisation and residual nitrogen availability
Chen C.-R.; Phillips I. R.; Wei L.-L.; Xu Z.-H.
Environ. Sci. Pollut. Res., **17**, 1098-1109 (2010).
11779. Alternative and emerging methodologies in
Ligand-Binding Assays
Wang H. F.; Findlay J. W. A.
Edited by Khan, Masood N.; Findlay, John W. A
Ligand-Binding Assays, 343-380 (2010).
11780. Zirconium Ion Mediated Formation of Liposome
Multilayers
Burgel, S. C.; Guillaume-Gentil O.; Zheng L.; Voros J.;

- Bally M.
Langmuir, **26**, 10995-11002(2010).
11781. Highly sensitive determination of cadmium and lead in leached solutions from ceramic ware by graphite furnace atomic absorption spectrometry coupled with sequential injection-based solid phase extraction method
Ueda M.; Teshima N.; Sakai T.; Joichi Y.; Motomizu S.
Anal. Sci., **26**, 597-602 (2010).
11782. Determination of total arsenic in seawater by hydride generation atomic fluorescence spectrometry
Correia C. L. T.; Goncalves R. A.; Azevedo M. S.; Vieira M. A.; Campos R. C.
Microchem. J., **96**, 157-160 (2010).
11783. Development of a flow system for the determination of low concentrations of silver using *Moringa oleifera* seeds as biosorbent and flame atomic absorption spectrometry
Araujo C. S. T.; Alves V. N.; Rezende H. C.; Coelho N. M. M.
Microchem. J., **96**, 82-85 (2010).
11784. Determination of copper by flame atomic absorption spectrometry using flow injection on-line preconcentration with double micro-columns
Ouyang Z.; Chen Z.; Mou H.
Rev. Anal. Chem., **29**, 51-58 (2010).
11785. Analysis of cocaine and benzoylecgonine in urine by using multisyringe flow injection analysis-gas chromatography-mass spectrometry system
Rosario Brunetto M.; Delgado Y.; Clavijo S.; Contreras Y.; Torres D.; Ayala C.; Gallignani M.; Forteza R.; Martin Victor Cerda
J. Sep. Sci., **33**, 1779-1786 (2010).
11786. On-line determination of water-soluble zinc in airborne particulate matter using a dynamic extraction procedure coupled to flame atomic absorption spectrometry
Mukhtar A.; Limbeck A.
J. Anal. At. Spectrom., **25**, 1056-1062 (2010).
11787. Optical monitoring of the injection molding of intercalated polypropylene nanocomposites
Moretti F.; Favaro M. M.; Branciforti M. C.; Bretas R. E. S.
Polymer Engineering & Science, **50**, 1326-1339 (2010).
11788. Chemiluminescence determination of 20 amino acids and the mechanism study
Liu Y. M.; Liu Z. L.
Chin. Chem. Lett., **21**, 856-859 (2010).
11789. Bioanalytical systems with in vivo biosensors and microfluidic devices
Yao T.; Hisamoto H.
Edited by Anpo, Masakazu; Mizuno, K
Comb. Chem. High T. Scr., 1-31 (2010).
11790. Flow-injection-enhanced chemiluminescence method for the determination of three β -blockers
Wang L.-J.; Tang Y.-H.; Li B.-P.; Liu H.-L.; Yi J.-F.
Acad. J. Xi'an Jiaotong Univ., **22**, 91-96 (2010).
11791. Mass spectrometric detection of siRNA in plasma samples for doping control purposes.
Kohler M.; Thomas A.; Walpurgis K.; Schaezner W.; Thevis M.
Anal. Bioanal. Chem., **398**, 1305-1312 (2010).
11792. High throughput automated determination of glutathione based on the formation of a UV-absorbing thioacrylate derivative.
Zacharis, Constantinos K.; Tzanavaras, Paraskevas D.
Acad. J. Xi'an Jiaotong Univ., **13**, 461-468 (2010).
11793. Microfluidic devices for electrokinetic sample fractionation
Wang Z.; Taylor J.; Jemere A. B.; Harrison D. J.
Electrophoresis, **31**, 2575-2583 (2010).
11794. On-line determination of nitrite in tannery effluent by reverse reference flow injection
Yu L.; Zhang X.; Xiao K.; Yu L.; Cao F.; Zhao H.; Sun J.; Yang Y.
J. Soc. Leather Technol. Chem., **94**, 124-128 (2010).
11795. Determination of As(III) in Nonacidified Groundwater Samples for Inorganic Speciation Analysis Using Flow Injection Hydride Generation Atomic Absorption Spectrometry
Sigrist M.; Beldomenico H.; Tudino M.
Flow Meas. Instrum., **43**, 458-464 (2010).
11796. Silica-alumina-niobia (SiO₂/Al₂O₃/Nb₂O₅) matrix obtained by the sol-gel processing method. New material for online extraction of zinc ions
Tarley C. R. T.; Avila, T. C.; Segatelli M.G.; Lima G. F.; Peregrino G. S.; Scheeren C. W.; Dias S. L. P.; Ribeiro, Emerson S.
J. Braz. Chem. Soc., **21**, 1106-1116. (2010)
11797. Analysis of triacylglycerols in refined edible oils by isocratic HPLC-ESI-MS
Zeb A.; Murkovic M.
Eur. J. Lipid Sci. Technol., **112**, 844-851 (2010).
11798. A novel tomographic sensing system for high electrically conductive multiphase flow measurement
Jia J.; Wang M.; Schlaberg H. I.; Li, H.
Flow Meas. Instrum., **21**, 184-190 (2010).
11799. New poly(aryleneethynylene)s as optical active platforms in biosensing. Selective fluorescent detection of Hg(II) obtained by the use of aminoacidic groups anchored on conjugated backbones
Compagnone D.; Ricci A.; Carlo M.; Chiarini M.; Pepe A.; Lo Sterzo C.
Microchim. Acta, **170**, 313-319 (2010).
11800. Hypertension study in anaesthetized rabbits: protocol proposal for AT1 antagonists screening
Politi A. P.; Zervou M. V.; Triantafyllidi H.; Zoumpoulakis P. G.; Mavromoustakos T. M.; Zoga A. A.; Moutevelis-Minakakis, P.; Kokotos G.; Iliodromitis E. K.; Kremastinos D. Th.
JRAAS, **11**, 103-110 (2010).
11801. Online determination of trace amounts of tannic acid in colored tannery wastewaters by automatic reference flow injection analysis
Wei L.
J. Autom. Method Manag., No pp. given (2010).
11802. Dissolution kinetics and mechanism of Mg-Al layered double hydroxides: A simple approach to describe drug release in acid media
Parello M. L.; Rojas R.; Giacomelli C. E.
J. Colloid Interface Sci., **351**, 134-139 (2010).
11803. Towards disposable *Sensors* for drug quality control: Dextromethorphan screen- printed electrodes
Khaled E.; Hassan H. N. A.; Mohamed G. G.; Seleim A. E. A.
Drug Test. Anal., **2**, 424-429 (2010).
11804. Determination of picloram in waters by sequential injection chromatography with UV detection
Santos L. B. O.; Infante C. M. C.; Masini J. C.
J. Braz. Chem. Soc., **21**, 1557-1562 (2010).
11805. A simple colorimetric FIA method for the determination of pyrite oxidation rates
Osborne O. D.; Pring A.; Lenehan C. E.
Talanta, **82**, 1809-1813 (2010).
11806. Flow injection photoinduced chemiluminescence determination of imazalil in water samples
Meseguer-Lloret S.; Torres-Cartas S.; Gomez-Benito M. C.
Anal. Bioanal. Chem., **398**, 3175-3182 (2010).
11807. Microflow injection chemiluminescence system with spiral microchannel for the determination of cisplatin in human serum

- Wang X.; Yin X.; Cheng H.
Anal. Chim. Acta, **678**, 135-139 (2010).
11808. The development of an FIA-CD strategy for screening sulfated polysaccharides using antimalarial drugs and related species as probes
Stanley F. E.; Warner A. M.; Stalcup A. M.
Anal. BioAnal. Chem., **399**, 707-716 (2011).
11809. The immobilization of hydrophilic ionic liquid for Cr(VI) retention and chromium speciation
Chen M.-L.; Zhao Y.-N.; Zhang D.-W.; Tian Y.; Wang J.-H.
J. Anal. At. Spectrom, **25**, 1688-1694 (2010).
11810. Determination of phosphate in freshwater samples by flow-injection with lucigenin chemiluminescence
Yaqoob M.; Waseem A.; Nabi A.; Khan M.A.
Int. J. Environ. Anal. Chem., **90**, 1119-1129 (2010).
11811. Determination of folic acid by solid-phase extraction and flow injection chemiluminescence
Zhao S.-H.; Zhang P.-P.; Zhao S.-B.
Asian J. Chem., **22**, 7557-7562 (2010).
11812. Determination of aniline derivatives in water samples by high performance liquid chromatography coupled with on-line flow injection preconcentration
Chen S.; Liang H.; Han D.
Anal. Lett., **43**, 2349-2355 (2010).
11813. Peroxyoxalate Photoinduced Chemiluminescence Detection of Norfloxacin in Pharmaceutical Products by Flow Injection Analysis
Moreno-Gonzalez D.; Garcia-Campana A. M.; Gonzalez-Casado A.
Anal. Lett., **43**, 2399-2410 (2010).
11814. Acridine orange-induced signal enhancement effect of tyrosinase-immobilized carbon-felt-based flow biosensor for highly sensitive detection of monophenolic compounds
Wang Y.; Hasebe Y.
Anal. BioAnal. Chem., **399**, 1151-1162 (2011).
11815. A simple and fast method for chlorsulfuron and metsulfuron methyl determination in water samples using multiwalled carbon nanotubes (MWCNT) and capillary Electrophoresis
Springer V. H.; Lista A. G.
Talanta, **83**, 126-129 (2010).
11816. In vitro monitoring of picogram levels of risperidone in human urine via luminol-tyrosinase flow injection chemiluminescence
Chen D.; Song Z.
Microchim. Acta, **171**, 437-440 (2010).
11817. Determination of tetracyclines in milk samples by magnetic solid phase extraction flow injection analysis
Rodriguez J. A.; Espinosa J.; Aguilar-Arteaga K.; Ibarra I. S.; Miranda J. M.
Microchim. Acta, **171**, 407-413 (2010).
11818. Flow Injection, Overlooked Techniques in Forensic Analysis
Idris A. M.
Crit. Rev. Anal. Chem., **40**, 218-225 (2010).
11819. Immuno-flow injection analysis (FIA) process monitoring and control
Rhee J. II
Edited by Flickinger, Michael C
Encyclopedia of Industrial Biotechnology, **5**, 2933-2941 (2010).
11820. Flow injection analysis (FIA)
Hansen E. H.; Miro M.
Edited by Flickinger, Michael C
Encyclopedia of Industrial Biotechnology, **4**, 2467-2481 (2010).
11821. Flow-injection potentiometric applications of solid state Li⁺ selective electrode in biological and pharmaceutical samples
Coldur F.; Andac M.; Isildak I.
J. Solid State Electrochem, **14**, 2241-2249 (2010).
11822. Scratch resistance of polycarbonate containing ZnO nanoparticles: effects of sliding direction
Bermudez M. D.; Brostow W.; Carrion-Vilches F. J.; Sanes Jose
J. Nanosci. Nanotechnol., **10**, 6683-6689 (2010).
11823. Hydrogen peroxide biosensor based on hemoglobin immobilization on gold nanoparticle in FFT continuous cyclic voltammetry flow injection system
Norouzi P.; Larijani B.; Faridbod F.; Ganjali M. R.
Int. J. Electrochem. Sci., **5**, 1550-1562 (2010).
11824. Sensitive determination of indomethacin in pharmaceuticals and urine by sequential injection analysis and optosensing
Molina-Garcia L.; Fernandez-de Cordova M. L.; Ruiz-Medina A.
J. AOAC Int., **93**, 1443-1449 (2010).
11825. Miniaturized optical chemosensor for flow-based assays
Pokrzywnicka M.; Cocovi-Solberg D.J.; Miro M.; Cerda V.; Koncki R.; Tymecki L.
Anal. BioAnal. Chem., **399**, 1381-1387 (2011).
11826. An automated method of on-line extraction coupled with flow injection and capillary Electrophoresis for phytochemical analysis
Chen H.; Ding X.; Wang M.; Chen X.
J. Chromatogr. Sci., **48**, 866-870 (2010).
11827. Flow injection analysis of aluminum chlorohydrate in antiperspirant deodorants using a built-in three-in-one screenprinted silver electrode
Chiu M.-H.; Kumar A. S.; Sornambikai S.; Zen J.-M.; Shih Y.
Electroanalysis, **22**, 2421-2427 (2010).
11828. Silica-polyaniline based bienzyme cholesterol biosensor: fabrication and characterization
Manesh K. M.; Santhosh P.; Gopalan A. I.; Lee K.-P.
Electroanalysis, **22**, 2467-2474 (2010).
11829. Flow injection potentiometric determination of chlorphenoxamine Hydrochloride
Abdel-Ghani N. T.; Hussein S. H.
J. Appl. Electrochem, **40**, 2077-2090 (2010).
11830. Flow-injection potentiometric method for the routine determination of chloride: application to bread analysis
Almeida S. A. A.; Rebelo T. S. C. R.; Heitor A. M.; Oliveira M. B. P. P.; Sales. M. G. F.
Curr. Anal. Chem., **6**, 277-287 (2010).
11831. Analysis of the hydrogen and oxygen stable isotope ratios of beverage waters without prior water extraction using isotope ratio infrared spectroscopy
Chesson L. A.; Bowen G. J.; Ehleringer J. R.
Rapid Commun. Mass Spectrom, **24**, 3205-3213 (2010).
11832. Stopped-flow microarray immunoassay for detection of viable E. coli by use of chemiluminescence flow-through microarrays
Langer V.; Niessner R.; Seidel M.
Anal. BioAnal. Chem., **399**, 1041-1050 (2011).
11833. The case for the use of unrefined natural reagents in analytical chemistry. A green chemical perspective
Grudpan K.; Hartwell S. K.; Lapanantnoppakhun S.; McKelvie I.
Anal. Methods, **2**, 1651-1661 (2010).
11834. On-line UV photoreduction in a flow-injection/stopped-flow manifold for determination of mercury by cold vapour-atomic absorption spectrometry
Gil S.; Costas M.; Pena F.; De La Calle I.; Cabaleiro N.; Lavilla I.; Bendicho C.
Anal. Methods, **2**, 1798-1802 (2010).
11835. Status of groundwater arsenic contamination in

- Bangladesh: A 14-year study report
Chakraborti D.; Rahman M. M.; Das B.; Murrill M.; Dey S.; Mukherjee S. C.; Dhar R. K.; Biswas B. K.; Chowdhury U. K.; Roy S.; et al
Water Research, **44**, 5789-5802 (2010).
11836. Compact, cost-efficient microfluidics-based stopped-flow device
Bleul R.; Ritzi-Lehnert M.; Hoeth J.; Scharpfenecker N.; Frese I.; Duechs D.; Brunklaus S.; Hansen-Hagge T. E.; Meyer-Almes F.-J.; Drese K. S.
Anal. BioAnal. Chem., **399**, 1117-1125 (2011).
11837. Application of flow injection analysis-photo-induced fluorescence (FIA-PIF) for the determination of α -cypermethrin pesticide residues in natural waters
Mbaye M.; Gaye Seye M. D.; Aaron, J. J.; Coly, A.; Tine, A.
Anal. BioAnal. Chem., **400**, 403-410 (2011).
11838. Monitoring sodium chloride during cod fish desalting process by flow injection spectrometry and infrared spectroscopy
Galvis-Sanchez A. C.; Toth I. V.; Portela A.; Delgadillo I.; Rangel A. O. S. S.
Food Control, Volume Date 2011, **22**, 277-282 (2010).
11839. High-Throughput Sequential Injection Method for Simultaneous Determination of Plutonium and Neptunium in Environmental Solids Using Macroporous Anion-Exchange Chromatography, Followed by Inductively Coupled Plasma Mass Spectrometric Detection
Qiao J.; Hou X.; Roos P.; Miro M.
Anal. Chem., **83**, 374-381 (2011).
11840. Study on the binding behavior of bovine serum albumin with cephalosporin analogues by chemiluminescence method
Wang Z.; Song Z.; Chen D.
Talanta, **83**, 312-319 (2010).
11841. Flow injection flame atomic absorption determination of Cu, Mn and Zn partitioning in seawater by on-line room temperature sonolysis and minicolumn chelating resin methodology
Yebra-Biurrun M. C.; Carro-Marino N.
Talanta, **83**, 425-430 (2010).
11842. A flow injection procedure based on solenoid micro-pumps for spectrophotometric determination of free glycerol in biodiesel
Silva S. G.; Rocha F. R. P.
Talanta, **83**, 559-564 (2010).
11843. Development and practical application of a library of CID accurate mass spectra of more than 2,500 toxic compounds for systematic toxicological analysis by LC-QTOF-MS with data-dependent acquisition
Broecker S.; Herre S.; Wuest B.; Zweigenbaum J.; Pragst F.
Anal. BioAnal. Chem., **400**, 101-117 (2011).
11844. Enhanced permanganate chemiluminescence
Francis P. S.; Hindson C. M.; Terry J. M.; Smith Z. M.; Slezak T.; Adcock J. L.; Fox B. L.; Barnett N. W.
Analyst, **136**, 64-66 (2011).
11845. Automatic photometric titration procedure based on multicommutation and flow-batch approaches employing a photometer based on twin LEDs
Silva M. B.; Crispino C. C.; Reis B. F.
J. Braz. Chem. Soc., **21**, 1854-1860 (2010).
11846. Flow injection spectrophotometric determination of fenoxaprop-p-ethyl herbicide in different grain samples after derivatization
Shah J.; Jan M. R.; Muhammad M.; Shehzad Farhat-un-Nisa
J. Braz. Chem. Soc., **21**, 1923-1928 (2010).
11846. Fast cholesterol detection using flow injection microfluidic device with functionalized carbon nanotubes based electrochemical sensor.
Wisitsoraat A.; Sritongkham P.; Karuwan C.; Phokharatkul D.; Maturros T.; Tuantranont A.
Biosens. Bioelectron., **26**, 1514-1520 (2011).
11847. Flow injection analysis biosensor for urea analysis in adulterated milk using enzyme thermistor.
Mishra G. K.; Mishra R. K.; Bhand S.
Biosens. Bioelectron., **26**, 1560-1564(2011).
11848. Evaluation of the antioxidant activity of vegetable oils based on luminol chemiluminescence in a microemulsion.
Murillo P., J. A.; Bermejo L. F. G.; Duran A. C.
Eur. J. Lipid Sci. Technol., **112**, 1294-1301 (2010).
11849. Pretreatment of oily samples for analysis by flow injection-spectrometric methods
Burguera J. L.; Burguera M.
Talanta, **83**, 691-699 (2011).
11850. Photometric determination of thioglycolic acid in cosmetics by using a stopped-flow reverse flow-injection system and the formation of gold nanoparticles
Sierra-Rodero M.; Fernandez-Romero J. M.; Gomez-Hens A.
Microchem. J., **97**, 243-248 (2011).
11851. Flow injection glutamate biosensor based on carbon Nanotubes and Pt-nanoparticles using FFT continuous cyclic voltammetry
Norouzi P.; Faridbod F.; Rashedi H.; Ganjali M. R.
Int. J. Electrochem. Sci., **5**, 1713-1725 (2010).
11852. Development of novel method for hyaluronic acid sensing with use of multi immobilized enzyme column
Iida, Y.; Nagashima K.; Yamamura A.; Matsumoto K.; Nakamura Y.
Chemical Sensors, **26**, 1-3 (2010).
11853. Fabrication and testing of an enzyme reactor armed with an electrolytic device
Satoh I; Murakoshi S.; Onda K.; Iida Y.
Chemical Sensors, **26** 7-9 (2010).
11854. Automated determination of pharmaceutically and biologically active thiols by sequential injection analysis: a review
Tzanavaras P. D.
Open Chem. Biomed. Methods J., **3**, 37-45 (2010).
11855. Tetracycline potentiometric sensor based on cyclodextrin for pharmaceuticals and waste water analysis
Cunha C. O.; Silva R. C. R.; Amorim C. G.; Junior S. A.; Araujo A. N.; Montenegro M. C. B. S. M.; Silva V. L.
Electroanalysis, **22**, 2967-2972 (2010).
11856. Flow injection chemiluminescence determination of paraquat using luminol and Ag(III) complex
Liu.; Shi H.; Xu X.; Kang W.; Li Z.
Asian J. Chem., **23**, 795-798 (2011).
11857. Analysis of NO and its metabolites by mass spectrometry. Comment on Detection of nitric oxide in tissue samples by ESI-MS' by Z. Shen, A. Webster, K. J. Welham, C. E. Dyer, J. Greenman and S. J. Haswell
Tsikas D.; Sandmann J.; Beckmann B.
Analyst, **136**, 407-410 (2011).
11858. Development of an online citrate/Ca²⁺ sensing system for dialysis
Yang Y.; Szamosfalvi B.; Yee J.; Frinak S.; Anslyn E. V.
Analyst, **136**, 317-320 (2011).
11859. Screening for antioxidants in complex matrices using high performance liquid chromatography with acidic potassium permanganate chemiluminescence detection
McDermott G. P.; Conlan X. A.; Noonan L. K.; Costin J. W.; Mnatsakanyan M.; Shalliker R. A.; Barnett N. W.; Francis P. S.

- Anal. Chim. Acta*, **684**, 134-141 (2011).
11860. Trends in flow-based analytical methods applied to pesticide detection: A review
Llorent-Martinez E. J.; Ortega-Barrales P.; Fernandez-de Cordova M. L.; Ruiz-Medina, A.
Anal. Chim. Acta, **684**, 30-39 (2011).
11861. Automated tagging of pharmaceutically active thiols under flow conditions using monobromobimane
Tzanavaras P. D.; Karakosta T. D.
J. Pharm. Biomed. Anal., **54**, 882-885 (2011).
11862. Rapid isolation of plutonium in environmental solid samples using sequential injection anion exchange chromatography followed by detection with inductively coupled plasma mass spectrometry
Qiao J.; Hou X.; Roos P.; Miro M.
Anal. Chim. Acta, **685**, 111-119 (2011).
11863. A pH optode based on thymol blue: application to determination of CO₂ using flow injection analysis system
Sotomayor M. D. P. T.; Raimundo I. M. Jr.; Rohwedde, J. J. R.; Oliveira Neto G.
Eclética Quím., **35**, 33-43 (2010).
11864. Photoelectrocatalytic determination of NADH in a flow injection system with electropolymerized methylene blue
Dilgin Y.; Dilgin D. G.; Dursun Z.; Goekcel H. I.; Gligor D.; Bayrak B.; Ertek B.
Electrochim. Acta, Volume Date 2011, **56**, 1138-1143 (2010).
11865. Chemiluminescence determination of cefotaxime sodium with flow-injection analysis of cerium (IV)-rhodamine 6G system and its application to the binding study of cefotaxime sodium to protein with on-line microdialysis sampling.
Chen D.; Wang H.; Zhang Z.; Ci L.; Zhang X.
Spectrochim. Acta A Mol. Biomol. Spectrosc., **78**, 553-557 (2011).
11866. Amperometric Quantification of Gluten in Food Samples Using an ELISA Competitive Assay and Flow Injection Analysis.
Amaya-Gonzalez S.; de-los-Santos-Alvarez N.; Lobo-Castanon M. J.; Miranda-Ordieres A. J.; Tunon-Blanco P.
Electroanalysis, **23**, 108-114 (2011).
11867. Potentiometric Screen-Printed Bisenor for Simultaneous Determination of Chromium(III) and Chromium(VI).
Sanchez-Moreno R. A.; Gismera, M. J.; Sevilla, M. Teresa; Procopio J. R.
Electroanalysis, **23**, 287-294 (2011).
11868. Application of carbon nanotube-modified electrodes as electrochemical sensors for the continuous monitoring of 2,4-dichlorophenol
Arribas A. S.; Moreno M.; Bermejo E.; Perez J. A.; Roman V.; Zapardiel A.; Chicharro, M.
Electroanalysis, **23**, 237-244 (2011).
11869. Flow-based method for epinephrine determination using a solid reactor based on molecularly imprinted poly(FePP-MAAEGDMA)
Sartori L. R.; Santos W. J. R.; Kubota L. T.; Segatelli M. G.; Tarley C. R. T.
Materials Science & Engineering, C, **31**, 114-119 (2011).
11870. Determination of tannic acid in industrial wastewater based on chemiluminescence system of KIO₄-H₂O₂-Tween40
Xie C.-g.; Li H.-f.
Luminescence, **25**, 350-354 (2010).
11871. Sensitive determination of gentiopicoside in medicine and bio-fluids using luminol-myoglobin chemiluminescence combined with flow injection technique
He X.; Xie X.; Shao X.; Song Z.
Luminescence, **25**, 384-388 (2010).
11872. Synthesis, characterization and application of two new lariat crown ethers in construction of PVC membrane, coated wire and coated graphite electrodes: application to flow injection potentiometry
Shamsipur, Mojtaba; Dezaki, Abbas Shirmardi; Akhond, Morteza; Sharghi, Hashem; Khalife, Reza
Int. J. Environ. Anal. Chem., **91**, 33-48 (2011).
11873. Rapid determination of levofloxacin in pharmaceuticals and biological fluids using a new chemiluminescence system
X.; Li Y.; Liu Y.; Song Z.
J. Anal. Chem., **66**, 102-107 (2011).
11874. Rhodium and its compounds in amperometric biosensors based on redox enzymes
Soukup J.; Polan V.; Kotzian P.; Kalcher K.; Vytras K.
Int. J. Electrochem. Sci., **6**, 231-239 (2011).
11875. Anti-PEG IgM response against PEGylated liposomes in mice and rats
Ichihara M.; Shimizu T.; Imoto A.; Hashiguchi Y.; Uehara Y.; Ishida T.; Kiwada H.
Pharmaceutics, **3**, 1-11 (2011).
11876. Magnetic loading of tyrosinase-Fe₃O₄/mesoporous silica core/shell microspheres for high sensitive electrochemical biosensing
Wu S.; Wang H.; Tao S.; Wang C.; Zhang L.; Liu Z.; Meng C.
Anal. Chim. Acta, **686**, 81-86 (2011).
11876. Quantification of N-acetylcysteine in pharmaceuticals using cobalt phthalocyanine modified graphite electrodes
Santos da Silva I. Araujo M. F. A.; Ferreira H. A.; Varela J. de J. G., Jr.; Tanaka S. M. C. Neiva; Tanaka, Auro Atsushi; Angnes, Lucio
Talanta, **83z**
11877. Electrochemical flow injection immunoassay for cortisol using magnetic microbeads
Muramatsu T.; Ohnuki H.; Ushio H.; Hibi K.; Igarashi M.; Hayashi T.; Ren H.; Endo H.
Int. J. Environ. Anal. Chem., **91**, 161-173 (2011).
11878. Determination of the scavenging capacity against reactive nitrogen species by automatic flow injection-based methodologies
Segundo M. A.; Magalhaes L. M.; Ribeiro J. P. N.; Lucio M.; Reis S.
Methods Mol. Biol. (N. Y.), **704**, 91-104 (2011).
11879. Determination of trace cadmium by flow injection on-line microcolumn preconcentration coupled with flame atomic absorption spectrometry using human hair as a sorbent
Tang A.-N.; Hu Y.-F.
Instrum. Sci. Technol., **39**, 110-120 (2011).
11880. AC Field-Induced Polymer ElectroLuminescence with Single Wall Carbon Nanotubes
Sung J.; Choi Y. S.; Kang S. J.; Cho S.-H.; Lee T.-W.; Park C.
Nano Lett., **11**, 966-972 (2011).
11881. Performance evaluation of fast Fourier-transform continuous cyclic-voltammetry pesticide biosensor
Ebrahimi B.; Shojaosadati S. A.; Daneshgar P.; Norouzi P.; Mousavi S. M.
Anal. Chim. Acta, **687**, 168-176 (2011).
11882. EIS microfluidic chips for flow immunoassay and ultrasensitive cholera toxin detection
Chiriaco M. S.; Primiceri E.; D'Amone E.; Ionescu R. E.; Rinaldi R.; Maruccio G.
Lab Chip, **11**, 658-663 (2011).
11883. Immobilization of Phenylalanine Dehydrogenase and Its Application in Flow-Injection Analysis System for Determination of Plasma Phenylalanine

- Tarhan L.; A.-K., H.
Appl. Biochem. Biotechnol., **163**, 258-267 (2011).
11884. Ionophore-based potentiometric *Sensors* for the flow-injection determination of promethazine hydrochloride in pharmaceutical formulations and human urine
Hassan A. K.; Saad B.; Ab Ghani S.; Adnan R.; Abdul Rahim A.; Ahmad N.; Mokhtar M.; Ameen S. T.; Al-Araji S. M.
Sensors, **11**, 1028-1042 (2011).
11885. HRP immobilized microporous Poly(styrene-divinylbenzene-polyglutaraldehyde) monolith for forced flow injected phenol biosensing
Ozoner S. K.; Keskinler B.; Erhan E.
Materials Science & Engineering, C, **31**, 663-668 (2011).
11886. Flow injection chemiluminescence determination of 6-mercaptapurine based on a new system of potassium permanganate-thioacetamide-sodium hexametaphosphate
Wang L.; Ling B.; Chen H.; Liang Ani Q. B.; Fu., J.
Luminescence, **25**, 431-435 (2010).
11887. Determination of rutin by flow injection chemiluminescence method using the reaction of luminol and potassium hexacyanoferrate (III) with the aid of response surface methodology
Yang D.; Li H.; Li Z.; Hao Z.; Li J.
Luminescence, **25**, 436-444 (2010).
11888. Flow-injection spectrophotometric method with on-line photodegradation for determination of ascorbic acid and total sugars in fruit juices
Llamas N. E.; Di Nezio M. S.; Fernandez Band B. S.
J. Food Compos. Anal., Volume Date 2011, **24**, 127-130 (2010).
11889. Solution mixing and the emission of light in flow-cells for chemiluminescence detection
Terry J. M.; Zammit E. M.; Slezak T.; Barnett N. W.; Olson D. C.; Wolcott., D. K.; Edwards D. L.; Francis P. S.
Analyst, **136**, 913-919 (2011).
11890. Combining Laser Ablation/Liquid Phase Collection Surface Sampling and High-Performance Liquid Chromatography- Electro spray Ionization-Mass Spectrometry
Ovchinnikova O. S.; Kertesz V.; Van Berkel G. J.
Anal. Chem., **83**, 1874-1878 (2011).
11891. Field measurement of nitrate in marine and estuarine waters with a flow analysis system utilizing on-line zinc reduction
Ellis P. S.; Shabani A. M. H.; Gentle B. S.; McKelvie I. D.
Talanta, **84**, 98-103 (2011).
11892. Flow injection mass spectroscopic fingerprinting and multivariate analysis for differentiation of three Panax species
Chen P.; Harnly J. M.; Harrington P. B.
J. AOAC Int., **94**, 90-99 (2011).
11893. Determination of lead(II) by online novel electrolyte dropping electrode using 1,10-phenanthroline in flow injection system
Shu F.; Xie S.; Jia J.
Collect. Czech. Chem. Commun., **76**, 115-129 (2011).
11894. Sensitive determination of perphenazine in pharmaceuticals and human serum by flow injection chemiluminescence method using [Ru(phen)3]2+-Ce(IV) system and a chemometrical optimization approach
Rezaei B.; Mokhtari A.
J. Braz. Chem. Soc., **22**, 49-57 (2011).
11895. Development of a Special Two-Dimensional Fingerprint for the Quality Evaluation of Euonymus Alatu by HPLC with Diode Array Detector Coupled with Chemiluminescence Detection
Ding X.-P.; Wang X.-T.; Chen L.-L.; Xu T.; Yu B.-Y.
Anal. Lett., **44**, 82-93 (2011).
11896. Determination of Trenbolone Acetate in Cattle Feeds by a Flow Injection Chemiluminescence Method
Li Y.
Anal. Lett., **44**, 58-66 (2011).
11897. Chemiluminescence determination of tetracyclines via aluminum sensitized fluorescence
Anastasopoulos P.; Timotheou-Potamia M.
Anal. Lett., **44**, 25-37 (2011).
11898. Flow Injection Chemiluminescence Determination of Phenol in Neutral Medium
Hao L.; Du J.; Lu J.
Anal. Lett., **44**, 38-47 (2011).
11899. Automated Determination of Captopril by Flow and Sequential Injection Analysis: A Review
Tzanavaras P. D.
Anal. Lett., **44**, 560-576 (2011).
11900. Flow Injection Chemiluminescence Determination of Retinol and α -Tocopherol in Blood Serum and Pharmaceuticals
Asgher M.; Waseem A.; Yaqoob M.; Nabi A.
Anal. Lett., **44**, 12-24 (2011).
11901. Determination of ascorbic acid with Wells-Dawson type molybdophosphate in sequential injection system
Vishnikin A. B.; Sklenarova H.; Solich P.; Petrushina G. A.; Tsiganok L. P.
Anal. Lett., **44**, 514-527 (2011)
11902. Flow Injection and Related Techniques in Blood Studies for Clinical Screening and Analysis: A Review
Hartwell S. K.; Grudpan K.
Anal. Lett., **44**, 483-502 (2011).
11903. Improving the detectability of sequential injection chromatography (SIC): Determination of triazines by exploiting liquid core waveguide (LCW) detection
Infante C.s M. C.; Urio R. P.; Masini J. C.
Anal. Lett., **44**, 503-513 (2011).
11904. Separation of Vitamins Retinol Acetate, Ergocalciferol, or Cholecalciferol and Tocopherol Acetate Using Sequential Injection Chromatography
Sklenarova H.; Koblova P.; Chocholous P.; Satinsky D.; Krcmova L.; Kasparova M.; Solichova D.; Solich P.
Anal. Lett., **44**, 446-456 (2011).
11905. The Use of Chelating Solid Phase Materials in Flow Injection Systems: A Review
Kara D.
Anal. Lett., **44**, 457-482 (2011).
11906. A novel non-extractive sequential injection procedure for determination of cadmium
Skrlikova, Jana; Andruch, Vasil; Sklenarova, Hana; Solich, Petr; Balogh, Ioseph S.; Billes, Ferenc
Anal. Lett., **44**, 431-445 (2011).
11907. Highly Sensitive Flow-Injection Chemiluminescence Detection of Carbonyl Compounds in Wine Samples
Kanwal S.; Fu X.; Su X.
Anal. Lett., **44**, 4-11 (2011).
11908. The integrated calibration method: comparison of various flow approaches
Koscielniak P.; Wiczorek M.; Kozak J; Koziol J.
Anal. Lett., **44**, 398-410 (2011).
11909. Multisyringe Flow Injection Potentialities for Hyphenation with Different Types of Separation Techniques
Almeida M. I G. S.; Estela J M.; Cerda V.
Anal. Lett., **44**, 360-373(2011).
11910. Sequential Injection Analysis Hyphenated with Other

- Flow Techniques: A Review
Pinto P. C. A. G.; Lucia M.; Saraiva M. F. S.; Lima J. L. F. C.
Anal. Lett., **44**, 374-397 (2011).
11911. Flow injection spectrophotometric determination of dipyrone in pharmaceutical formulations using Fe(III) as reagent
Suarez W. T.; Pessoa-Neto O. D.; Vicentini F. C.; Janegitz B. C.; Faria R. C.; Fatibello-Filho O.
Anal. Lett., **44**, 340-348 (2011).
11912. Determination of minoxidil by bleaching the permanganate carrier solution in a flow-based spectrophotometric system
Adelino de Sousa R.; Semaan F. S.; Cervini P.; Cavalheiro E. T. G.
Anal. Lett., **44**, 349-359 (2011).
11913. Sequential Injection System with Modified Glass Capillary for Automation in Immunoassay of Chondroitin Sulfate
Khonyoung S.; Reanpang P.; Kongtawelert P.; Pencharee S.; Jakmunee J.; Grudpan K.; Hartwell S. K.
Anal. Lett., **44**, 327-339 (2011).
11914. Spectrophotometric determination of bromate in water using multisyringe flow injection analysis
Oliveira S. M.; Segundo M. A.; Rangel A. O. S. S.; Lima J. L. F. C.; Cerda V.
Anal. Lett., **44**, 284-297 (2011).
11915. Use of Barium Chloranilate Solid-Phase Reactor for the Determination of Sulfate in Natural Water Samples Exploiting Long Pathlength Spectrophotometry and Multicommution
Bonifacio V. G.; Salami F. H.; Marcolino-Junior L. H.; Fatibello-Filho O.
Anal. Lett., **44**, 298-309 (2011).
11916. Fabrication and characterization of a thin-layer electrochemical flow cell and its application for flow analysis
Haghighi B.; Aghajari H.; Bozorgzadeh S.; Gorton L.
Anal. Lett., **44**, 258-270 (2011).
11917. Flow-injection determination of iron based on its catalysis on the oxidation reaction of xylenol orange by potassium bromate
Yuan D.; Fu D.
Anal. Lett., **44**, 271-283 (2011).
11918. Potentiometric Determination of Sibutramine Using Batch and Flow Injection Analysis
El Gohary N. A.; El Nashar R. M.; Aboul-Enien H. Y.
Anal. Lett., **44**, 241-257 (2011).
11919. Amperometric Determination of Catalase in Brazilian Commercial Honeys
Franchini R. A. A.; Matos M. A. C.; Matos R. C.
Anal. Lett., **44**, 232-240 (2011).
11920. Analysis of Pesticides by Flow Injection Coupled with Chemiluminescent Detection: A Review
Lopez-Paz J. L.; Catala-Icardo M.
Anal. Lett., **44**, 146-175 (2011).
11921. Flow-Based Methods with Chemiluminescence Detection for Food and Environmental Analysis: A Review
Christodouleas D.; Fotakis C.; Economou A.; Papadopoulos K.; Timotheou-Potamia M.; Calokerinos A.
Anal. Lett., **44**, 176-215 (2011).
11922. A Flow Injection Chemiluminescence Method for the Determination of Protein Using Copper(II)-Alizarin Red S Complex as an Efficient Chemiluminescent Probe
Yu X.; Mou C.
Anal. Lett., **44**, 137-145 (2011).
11923. Flow injection chemiluminescence determination of prednisone acetate by oxidation with
N-bromosuccinimide
Cao W.; Ma Y.; Qiao S.; Gong P.; Chen S.n.; Yang J.
Anal. Lett., **44**, 105-116(2011).
11924. Sequential injection chemiluminescence methodology for ozone evaluation
Santos D. C. M. B.; Korn M. G. A.; Korn M.; Pinto P. C. A. G.; Saraiva M. L. M. F. S.; Lima J. L. F. C.
Anal. Lett., **44**, 117-126 (2011).
11925. Flow Injection Chemiluminescence Determination of EDTA in Canned Food
Kanwal S.; Fu X.; Su X.
Anal. Lett., **44**, 94-104 (2011).
11926. Assay of chondroitin sulfate using time-based detection in a simple lab-on-chip
Kradtap H., S.; Sripaoraya W.; Grudpan K.
J. Anal. Chem., **66**, 135-138 (2011).
11927. Quantification of ellagic acid in cosmetic products by using a partially preanodized screen-printed carbon electrode coupled with flow injection analysis
Chen P.-Y.; Ji Y.-M.; Luo C.-H.; Chen Y.-S.; Shih Y.
Anal. Methods, **3**, 205-209 (2011).
11928. Determination of melamine by flow injection analysis based on chemiluminescence system
Zeng H.-j.; Yang R.; Wang Q.-w.; Li J.-j.; Qu L.-b.
Food Chem., **127**, 842-846 (2011).
11929. In situ laser-induced photochemical silver substrate synthesis and sequential SERS detection in a flow cell
Herman K.; Szabo L.; Leopold L. F.; Chis V.; Leopold N.
Anal. BioAnal. Chem., **400**, 815-820 (2011).
11930. Reverse reference flow injection spectrophotometry for the determination of Chromium(VI) extracted from leather by artificial perspiration
Li, W.; Zhang X.; Li H.; Dai S.; Sun D.; Sun J.; Yang Y.; Tong Ling
J. Soc. Leather Technol. Chem., **94**, 262-267 (2010).
11931. A highly selective colorimetric probe based on 2,2',2"-trisindolylmethene for cysteine/homocysteine
Wei W.; Liang X.; Hu G.; Guo Y.; Shao S.
Tetrahedron Lett., **52**, 1422-1425 (2011).
11932. An electrochemiluminescence sensor for determination of durabolin based on CdTe QD films by layer-by-layer selfassembly
Wan F.; Yu J.; Yang P.; Ge S.; Yan M.
Anal. BioAnal. Chem., **400**, 807-814 (2011).
11933. On-line inhibition study of immobilised acetylcholinesterase by aqueous extracts of *Momordica charantia* (bitter melon)
Ghous T.; Aziz N.; Abid A.; Rasheed A.; Iqbal M.
J. Chem. Soc. Pakistan, **32**, 814-818 (2010).
11934. Microfabricated Renewable Beads-Trapping/Releasing Flow Cell for Rapid Antigen-Antibody Reaction in Chemiluminescent Immunoassay
Fu Z.; Shao G.; Wang J.; Lu D.; Wang W.; Lin Y.
Anal. Chem., **83**, 2685-2690 (2011).
11935. On-line sorptive preconcentration platform incorporating a readily exchangeable Oasis HLB extraction micro-cartridge for trace cadmium and lead determination by flow injection-flame atomic absorption spectrometry
Anthemidis A. N.; Giakisikli G.; Xidia S.; Miro M.
Microchem. J., **98**, 66-71(2011).
11936. Development of a spectrophotometric Sequential Injection Analysis (SIA) procedure for determination of ammonium: A Response Surface Methodology (RSM) approach
Infante C. M. C.; Masini J. C.; Santos A. C. V.
Microchem. J., **98**, 97-102 (2011).
11937. Effect of photo-oxidation of ascorbic acid on the determination of hydrogen peroxide and

- 3-hydroxybutyric acid using the titanium(IV)-porphyrin reagent
Takamura K.; Matsubara C.; Matsumoto T.
Anal. Methods, **3**, 328-333 (2011).
11938. Fieldable flow injection analysis system with 1,1'-oxalyldiimidazole chemiluminescence detection capable of quantifying acetylcholine
Kang H. R. J.; Kang K. C.; Newby J. G.; Lee J. H.
Anal. Methods, **3**, 374-379 (2011).
11939. Gold nanoparticle modified conducting polymer of 4-(2,5-di(thiophen-2-yl)-1H-pyrrole-1-yl) benzenamine for potential use as a biosensing material
Tuncagil S.; Ozdemir C.; Demirkol D. O.; Timur S.; Toppare L.
Food Chem., **127**, 1317-1322 (2011).
11940. Determination of As(III) and total inorganic As in water samples using an on-line solid phase extraction and flow injection hydride generation atomic absorption spectrometry
Sigrist M.; Albertengo A.; Beldomenico H.; Tudino M.
J. Hazard. Mater., **188**, 311-318 (2011).
11941. Determination of trace amounts of plutonium in low-active liquid wastes from spent nuclear-fuel reprocessing plants by flow injection-based solid-phase extraction/electrochemical detection system
Taguchi S.; Yamamoto M.; Surugaya N.; Kurosawa A.; Hiyama T.; Tanaka T.
J. Radioanal. Nucl. Chem., **288**, 435-441 (2011).
11942. An amperometric glucose biosensor based on layer-by-layer GOx-SWCNT conjugate/redox polymer multilayer on a screen-printed carbon electrode
Gao.; Guo Y.; Zhang W.; Qi H.; Zhang C.
Sens. Actuator B-Chem., **B153**, 219-225 (2011).
11943. Enzyme based assays in a sequential injection format: A review
Silvestre C. I. C.; Pinto P. C. A. G.; Segundo M. A.; Saraiva M. L. M. F. S.; Lima J. L. F. C.
Anal. Chim. Acta., **689**, 160-177 (2011).
11944. Determination of total dissolved cobalt in UV-irradiated seawater using flow injection with chemiluminescence detection
Shelley R. U.; Zachhuber B.; Sedwick P. N.; Worsfold P.J.; Lohan M. C.
Limnol. Oceanogr., **8**, 352-362 (2010).
11945. Screening of conditions controlling spectrophotometric sequential injection analysis
Idris A. r M.
Chem. Cent. J., **5**, 9. (2011).
11945. Nitrate and nitrite levels in commonly consumed vegetables in Hong Kong
Chung S. W. C.; Tran J. C. H.; Tong K. S. K.; Chen M. Y. Y.; Xiao Y.; Ho Y. Y.; Chan C.H. Y.
Food addit. contam., Part B: Surveillance, **4**, 34-41 (2011).
11946. Application of a fluorescence-based continuous-flow bioassay to screen for diversity of cytochrome P450 BM3 mutant libraries
Reinen J.; Ferman S.; Vottero E.; Vermeulen N. P. E.; Commandeur J. N. M.
J. Biomol. Screen., **16**, 239-250 (2011).
11947. Flow injection measurements of S-nitrosothiols species in biological samples using amperometric nitric oxide sensor and soluble organoselenium catalyst reagent
Huang C.; Brisbois E.; Meyerhoff M. E.
Anal. BioAnal. Chem., **400**, 1125-1135 (2011).
11948. Chemiluminescence and electrochemiluminescence detection of controlled drugs
Adcock J. L.; Barrow C. J.; Barnett N. W.; Conlan X. A.; Hogan C. F.; Francis P.I S.
Drug Test. Anal., **3**, 145-160 (2011).
11949. Detection of total phenol in green and black teas by flow injection system and unmodified screen printed electrode
Mattos I L; Zagal J. H.
Int. J. Anal. Chem., **143714**, 7 pp (2010).
11950. A hyaluronic acid dispersed carbon nanotube electrode used for a mediatorless NADH sensing and biosensing
Filip J.; Sefcovicova J.; Tomcik P.; Gemeiner P.; Tkac J.
Talanta, **84**, 355-361 (2011).
11951. Automatic flow methodology for kinetic and inhibition studies of reactions with poorly water-soluble substrates in ionic liquid systems
Araujo A. R. T. S.; Saraiva M. L. M. F. S.; Lima, J. L. F. C.
Anal. Chim. Acta (2011), **690**, 101-107 (2011).
11952. Rapid removal of the passivation on iron anode surface by oxalic acid for ferrate(VI) generation
Zhang H. J.
Asian J. Chem., **23**, 2017-2019 (2011).
11953. Analytical study on the optimum design of producing well to increase oil production at severe cold regions
Sung W.; Kwon S.; Kim S.; Park H.; Lee Y.; Yoo I.
Korean J. Chem. Eng., **28**, 470-479 (2011).
11954. Flow-injection chemiluminescence determination of lisinopril using luminol-KMnO4 reaction catalyzed by silver nanoparticles
Li Y.; Li Y.; Yang Y.
Appl. Spectrosc., **65**, 376-381 (2011)
11955. Low-potential sensitive H2O2 detection based on composite micro tubular Te adsorbed on platinum electrode
Guascito M. R.; Chirizzi D.; Malitesta C.; Mazzotta E.; Siciliano M.; Siciliano T.; Tepore A.; Turco, A.
Biosens. Bioelectron., **26**, 3562-3569 (2011).
11956. FI-photoinduced chemiluminescence method for diuron determination in water samples
Catala-Icardo M.; Lopez-Paz J. L.; Pena-Badena A.
Anal. Sci., **27**, 291-296 (2011).
11957. Chemiluminescence from an oxidation reaction of rhodamine B with cerium(IV) in a reversed micellar medium of cetyltrimethylammonium chloride in 1-hexanol-cyclohexane/water
Hasanin T. H. A.; Tsunemine Y.; Tsukahara S.; Okamoto Y.; Fujiwara T.
Anal. Sci., **27**, 297-304 (2011).
11958. Preparation and electrocatalytic application of composites containing gold nanoparticles protected with rhodiumsubstituted polyoxometalates
Wiaderek K. M.; Cox J. A.
Electrochim. Acta., **56**, 3537-3542 (2011).
11959. Fast determination of oleic acid in pork by flow injection analysis/mass spectrometry
Munoz R.; Vilaro F.; Eras J.; Estany J.; Tor M.
Rapid Commun. Mass Spectrom., **25**, 1082-1088 (2011).
11960. Flow-injection chemiluminescence determination of moxifloxacin using tris(2,2-bipyridyl) ruthenium(II)-Ce(IV) system
Lee S. H.; Kim G. E.; Alam S. M.; Kang M.; Choi J. H.; Ferdous T.; Suh Y. S.
Sens. Lett., **9**, 247-251 (2011).
11961. An online ionic liquid-based microextraction system coupled to electrothermal atomic absorption spectrometry for cobalt determination in environmental samples and pharmaceutical formulations
Berton P.; Wuilloud R. G.
Anal. Methods, **3**, 664-672 (2011).
11962. Determination of cadmium in a sequential injection lab-on-valve system with voltammetric detection using a morin modified electrode
Wang Y.; Liu Z.; Tang J.; Yao G.; Hu X.

- Anal. Methods*, **3**, 731-737 (2011).
11963. Simultaneous determination of four different antibiotic residues in honey by chemiluminescence multianalyte chip immunoassays
Wutz K.; Niessner R.; Seidel M.
Microchim. Acta, **173**, 1-9 (2011).
11964. Separation and preconcentration system based on microextraction with ionic liquid for determination of copper in water and food samples by stopped-flow injection spectrofluorimetry
Zeeb M.; Ganjali M. R.; Norouzi P.; Kalaei M. R.
Food Chem. Toxicol., **49**, 1086-1091 (2011).
11965. Electrochemical detection of propofol at the preanodized carbon electrode
Thiagarajan S.; Cheng C.-Y.; Chen S.-M.; Tsai T.-H.
J. Solid State Electrochem., **15**, 781-786 (2011).
11966. Use of epoxy-embedded electrodes to integrate electrochemical detection with microchip-based analysis systems
Selimovic A.; Johnson A. S.; Kiss I. Z.; Martin R. S.
Electrophoresis, **32**, 822-831 (2011).
11967. Flow-injection analysis of hydrogen peroxide based on carbon nanospheres catalyzed hydrogen carbonate-hydrogen peroxide chemiluminescent reaction
Chen H.; Lin L.; Lin Z.; Lu C.; Guo G.; Lin J.-M.
Analyst, **136**, 1957-1964 (2011).
11968. Flow injection colorimetric method using acidic ceric nitrate as reagent for determination of ethanol
Pinyou P.; Youngvises N.; Jakmune J.
Talanta, **84**, 745-751 (2011).
11969. Selective determination of human immunoglobulin G by flow-injection chemiluminescence
Zhou M.; Wang J.; Ma Y.; Fang Y.; Chen J.; Chen H.
Luminescence, **26**, 142-147 (2011).
11970. Determination of trace amounts of dopamine by flow-injection analysis coupled with luminol-Ag(III) complex chemiluminescence detection
Xu X.; Shi H.; Ma L.; Kang W.; Li S.
Luminescence, **26**, 93-100 (2011).
11971. Analysis of phenolic compounds in health care products by low-pressure liquid-chromatography with monolithic column and chemiluminescent detection
Ballesta-Claver J.; Valencia M. C.; Capitan-Vallvey L. F.
Luminescence, **26**, 44-53 (2011).
11972. Sensitive determination of epinephrine in pharmaceutical preparation by flow injection coupled with chemiluminescence detection and mechanism study
Liu Y.; Liu Z.; Shi Y.
Luminescence, **26**, 59-64 (2011).
11973. A metal enhanced flow-injection chemiluminescence method for the rapid determination of norfloxacin in pharmaceutical formulations and serum sample
Kamruzzaman M.; Ferdous T.; Alam A.-M.; Lee S. H.; Kim S. Y.; Kim Y. H.; Kim S. H.
Bull. Korean Chem. Soc., **32**, 639-644 (2011).
11974. Electrochemical DNA biosensors and flow-through analysis. A review
Simkova D.; Labuda J.
Curr. Anal. Chem., **7**, 2-7 (2011).
11975. Detection of staphylococcal enterotoxin A (SEA) at picogram level by a capacitive immunosensor
Jantra J.; Kanatharana P.; Asawatreratanakul P.; Wongkittisuksa B.; Limsakul C.; Thavarungkul P.
J. Environ. Sci. Health, Part A: Toxic/Hazard. Subst. Environ. Eng., **46**, 560-568 (2011).
11976. Study on the chemiluminescence behavior of bovine serum albumin with luminol and its analytical application
Tan X.; Song Z.; Chen D.; Wang Z.
Spectrochim. Acta A Mol. Biomol. Spectrosc., **79**, 232-235 (2011).
11977. Possibilities and limitations of the sequential injection chromatography technique for the determination of anticoccidial agents in water, pharmaceutical formulations and feed
Bjoerklund E.; Maya F.; Bak S. A.; Hansen M.; Estela J. M.; Cerda V.
Microchem. J., **98**, 190-199 (2011).
11978. Study of carbon nanotubes and functionalized-carbon nanotubes as substrates for flow injection solid phase extraction associated to inductively coupled plasma with ultrasonic nebulization
Parodi B.; Savio M.; Martinez L. D.; Gil R. A.; Smichowski P.
Microchem. J., **98**, 225-230 (2011).
11979. Developing a fluorimetric sequential injection methodology to study adsorption/desorption of glyphosate on soil and sediment samples
Colombo S. M.; Masini J. C.
Microchem. J., **98**, 260-266 (2011).
11980. Immobilization of glucose oxidase enzyme (GOD) in large pore ordered mesoporous cage-like FDU-1 silica
Cides S. L. C.; Infante C. M. C.; Lima A. W. O.; Cosentino I. C.; Fantini M. C. A.; Rocha F. R. P.; Masini J. C.; Matos J. R.
J. Mol. Catal. B: Enzym., **70**, 149-153 (2011).
11981. Flow-Injection Preconcentration of Chloramphenicol Using Molecularly Imprinted Polymer for HPLC Determination in Environmental Samples
Kowalski D.; Pobozy E.; Trojanowicz M.
J. Autom. Method Manag., 143416/1-143416/10 (2011).
11982. Simultaneous detection of ascorbic acid and hydrogen peroxide by flow-injection analysis with a thin layer dual-electrode detector
Toniolo R.; Dossi N.; Pizzariello A.; Susmel S.; Bontempelli G.
Electroanalysis, **23**, 628-636 (2011).
11983. Determination of benzocaine using HPLC and FIA with amperometric detection on a carbon paste electrode
Dejmekova H.; Vokalova V.; Zima J.; Berek J.
Electroanalysis, **23**, 662-666 (2011).
11984. Determination of antioxidant capacity by using xanthine oxidase bioreactor coupled with flow-through H₂O₂ amperometric biosensor
Lates V.; Marty J.-L.; Popescu I. C.
Electroanalysis, **23**, 728-736 (2011).
11985. Determination of sibutramine with a new sensor based on luminol electrochemiluminescence
Wang S.; Yu J.; Wan F.; Ge S.; Yan M.; Zhang M.
J. Lumin., **131**, 1515-1519 (2011).

