FIA Bibliography(23)

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

2974. FIA Bibliography (22)

2975. Flow analysis in the nineties

2976. Flow injection analysis with ion-selective electrodes: recent developments and applications

2977. Online preconcentration and flow analysis-Fourier transform infrared determination of carbaryl

2978. Flow injection system for determination of singlet oxygen quenching efficiencies utilizing online dioxetane chemiluminescence detection

2979. Flow-injection analysis with Fourier transform infrared detection for clinical and process analysis

2980. Computer aided simulation of dispersion theory based on experimental data by zone circulating flow-injection analysis

2981. Simultaneous flow analysis Fourier transform infrared determination of benzene, toluene, and methyl t-butyl ether in petrol

2982. Solvent extraction-flow injection without phase separation through the use of the differential flow velocities within the segmented flow
2983. Zone circulating flow-injection analysis: theory

2984. A polarographic detector for flow injection analysis
A. Yamada, Y. Kataoka, Y. Ono, K. Hodouchi, Y. Kato,

2985. Indirect photometric determination of potassium ions with a bulky anion and a crown ether using a flow-injection technique

2986. Automatic study of selectivity by the flow-rate gradient technique
B. Lendl, A. Rios, M. Valcarcel, M. Grasserbauer,

2987. Novel technique to reduce electrical interference inherent in laser-enhanced ionization detection by using flow injection analysis

2988. Chemical derivatization for electrospray ionization mass spectrometry.
2. Aromatic and highly conjugated molecules

2989. Dual-wavelength photometry with light emitting diodes. Compensation of refractive index and turbidity effects in flow-injection analysis

2990. Measurement of carbonyl compounds as the 2,4-dinitrophenylhydrazonate anion. Reaction mechanism and an automated measurement system
P. K. Dasgupta, G. Zhang, S. Schulze, J. N. Marx,

2991. Analysis of biological constituents using HPLC-API/TSQMS with electrospray and atmospheric pressure ionization interfaces
K. Seta, M. Kanai, M. Hail, I. Mylchreest, H. Nakayama, T. Isobe,

2992. Development of micro-enzyme electrode for detection of acetylcholine and choline
M. Goto, K. Morikage, Y. Esaka, B. Uno, K. Kano,

2993. Enzymic assay of oxalate in urine by flow injection analysis using immobilized oxalate oxidase and chemiluminescence detection

2994. Structural analysis of proteins using HPLC-ESI/TSQMS with conventional HPLC columns and new electrospray interface
K, Matsuoka, T. Izumi, H. Nakayama, S. Yamaki, T. Isobe, T. Okuyama,
2995. Determination of vitamin D₃ and D₂ in multi-vitamin tablets by high-performance liquid chromatography/atmospheric pressure chemical ionization mass spectrometry  
T. Adachi, M. Nishio, N. Yunoki, Y. Ito, H. Hayashi,  

2996. Determination of zinc in serum, blood, and ultrafiltrate fluid from patients on hemofiltration by graphite furnace/atomic absorption spectroscopy or flow injection analysis/atomic absorption spectroscopy  
O. Jimenez de Blas, R. Seisdedos Rodgriguez, J. Hernandez Mendez, J. A. Sanchez Tomero, B. de Leon Gomez, S. Vincente Gonzalez,  

2997. Flow injection analysis of fluoride ion in seawater by using Alfusone  
H. Nishioka, N. Sai, T. Kumagai, T. Nagahiro, K. Uesugi,  

2998. Determination of total phosphorus in waters and wastewaters by online microwave-induced digestion and flow-injection analysis  
R. L. Benson, I. D. McKelvie, B. T. Hart, I. C. Hamilton,  

2999. Determination of formaldehyde in reagents and beverages using flow injection  
H. Tsuchiya, S. Ohtani, K. Yamada, M. Akagiri, N. Takagi, M. Sato,  

3000. Rapid fluorescence flow injection immunoassay using a novel perfusion chromatographic material  
D. A. Palmer, M. Evans, J. N. Miller, M. T. French,  

3001. Rapid and sensitive determination of nitrite in foods and biological materials by flow injection or high-performance liquid chromatography with chemiluminescence detection  
N. P. Sen, P. A. Baddoo, S. W. Seaman,  

3002. Photochemical spectrophotometric determination of riboflavin and riboflavin 5'-phosphate by manual and flow injection methods  
T. Perez-Ruiz, C. Martinez-Lozano, V. Tomas, O. Val,  

3003. Determination of aluminum in water by flow injection with fluorimetric detection by using salicylaldehyde carbohydrazone as reagent in a micellar medium  
F. Sanchez Rojas, E. Cristofol Alcaraz, J. M. Cano Pavon,  
3004. Carrier precipitation and flotation of traces of phosphate in highly concentrated sodium chloride solutions

3005. Flow-injection iodometric determination of oxidants

3006. Flow injection determination of glycerol based on oxygen consumption using glycerol dehydrogenase and NADH oxidase

3007. Determination of isoprenaline with lucigenin chemiluminescence using flow injection analysis

3008. Determination of lead by flow-injection inductively coupled plasma mass spectrometry comparing several calibration techniques

3009. Determination of total and free sulfite in unstabilized beer by flow injection analysis

3010. Intelligent automated systems of absorption spectrophotometry for harmful substances

3011. Determination of zinc in seawater using flow injection analysis with fluorometric detection

3012. Development of a flow injection method based on bromometry and iodometry for pharmaceutical analysis

3013. Applications of flow injection method to silicate analysis

3014. Flow-injection extraction without phase separation based on dual-wavelength spectrophotometry

3015. Flow injection analysis: a complementary or alternative concept to biosensors
3016. Biosensing based on NADH detection coupled to electrogenerated chemiluminescence from ruthenium tris(2,2'-bipyridine)  

3017. Separation and determination of trace dinitropyrenes by means of off-line reduction-HPLC-chemiluminescence detection. Application to assessing atmospheric environment  

3018. A flow-injection system for monitoring of total nitrogen and control of eutrophication in an aquatic environment  

3019. Flow injection analysis of cationic disinfectants in pharmaceuticals using ion associates formed between sulfonephthalein dyes and quinidine  


3021. Determination and application of ion-selective electrode model parameters using flow injection and simplex optimization  

3022. The fountain cell: a new tool for chemiluminescence analysis by flow injection  

3023. Catalytic effect of rhodium(III) on the chemiluminescence of luminol in reverse micelles and its analytical application  

3024. Flow injection determinations of cobalt(II) and iron(II) based on chemiluminescence induced by the catalytic decomposition of peroxomonosulfate  

3025. Kinetic spectrophotometric method for analyzing mixtures of metal ions by stopped-flow injection analysis using partial least-squares regression  

3027. Continuous flow assay of ammonia in plasma using immobilized enzymes

3028. Different approaches for glucose biosensing using a room temperature phosphorescence oxygen transducer

3029. Determination of trimethylamine in fish by flow injection analysis

3030. Chemical electron-transfer reactions in electrospray mass spectrometry: effective oxidation potentials of electron-transfer reagents in methylene chloride

3031. Spectrofluorometric detection of zinc and cadmium with 8-(benzenesulfonamido)quinoline immobilized on a polymeric matrix

3032. Flow injection analysis with high-sensitivity optical rotation detection

3033. Flow-injection chemiluminescence determination of the hydrazones of aromatic ketones

3034. Comparison of flow injection/thermospray MS/MS and LC/thermospray MS/MS methods for determination of sulfonamides in meat and blood

3035. Flow injection techniques for water monitoring

3036. Fluorimetric flow-through sensor for aluminum speciation

3037. The development of continuous flow method through microwave oven for the analysis of metal oxides in water by ICP-AES
3038. Continuous-flow system for the accurate determination of low concentrations of ammonium ions using a gas-permeable poly(tetrafluoroethylene) tube decontaminator and an ammonia gas-sensing membrane electrode

3039. Simultaneous determination of microamounts of magnesium and calcium in salts with FIA system utilizing online cation-exchange separation and spectrophotometric detection

3040. Flow injection titration - linear or logarithmic

3041. Anodic stripping voltammetry with a Triton X-100 modified mercury film electrode using flow injection

3042. Flow injection amperometric determination of thiocyanate and selenocyanate at a cobalt phthalocyanine modified carbon paste electrode

3043. Flow injection assay for the neurotoxin β-ODAP using an immobilized glutamate oxidase reactor with prereactors to eliminate glutamate interferences

3044. Effect of arsenious and arsenic acids on the chemiluminescence of luminol in the absence of hydrogen peroxide and Its analytical application

3045. Reactivation of an immobilized enzyme reactor for the determination of acetylcholinesterase inhibitors. Flow injection determination of paraoxon

3046. Rapid determination of total biomass from a yeast fermentation using sequential injection

3047. Determination of sulfate ion in rainwater by flow injection analysis

3048. Immobilized cyanobacteria for online trace metal enrichment by flow injection atomic absorption spectrometry
3049. Continuous-flow chemiluminescence detection comprising a rotating reactor

3050. Peroxidase-modified carbon fiber microelectrodes in flow-through
detection of hydrogen peroxide and organic peroxides

3051. Response surfaces for the determination of arsenic(III) by hydride
generation atomic absorption spectrometry and flow injection

3052. A new automatic micro-titration method

3053. Application of flow-injection hydride generation-graphite furnace atomic
absorption spectrometry. III. Determination of trace germanium

3054. Trace metal atomic absorption spectrometric analysis utilizing sorbent
extraction on polymeric-based supports and renewable reagents

3055. Determination of trace amounts of cobalt by flow injection with
spectrophotometric detection

3056. Chemiluminescent flow sensor for the determination of Paraoxon and
Aldicarb pesticides

3057. Organic-phase enzyme biosensor for moisture determination in food
products

3058. Flow injection spectrophotometric determination of aspartame in dietary
products

3059. Reaction of β-dicarbonyl derivatives with hexamine. II. The
structure of 1,4-dihydropyridine from reaction of benzoylacetonewith
hexamine and hydrogen bonding of the enamine
3060. Spectrophotometric determination and FIA of aqueous ozone based on the ozone decoloration reaction of 2-(5-bromo-2-pyridylazo)-5-(N-propyl-N-sulfopropylamino)aniline-iron(II) complex

3061. Fluorometric determination of Al in seawater by flow injection analysis with in-line preconcentration

3062. Flow injection dispersion characteristics with inductively coupled plasma atomic emission spectrometry. 2. Influence of flow modes and manifold configuration

3063. Particle beam aqueous sample introduction for hollow cathode atomic emission spectroscopy

3064. Determination of trace amounts of phosphorus in copper after preconcentration by carrier precipitation and flotation

3065. Flow-through photometric sensor for determination of sulfonamides

3066. Electrocatalytic oxidation and flow injection determination of reduced nicotinamide coenzyme at a glassy carbon electrode modified by a polymer thin film

3067. Biosensors for enantioselective analysis

3068. Flow injection sequential determination of chloride by potentiometry and sodium by flame emission spectrometry in instant soups

3069. Generalized Fourier smoothing of flow injection analysis data

3070. Solid-state microprocessor-controlled detector for doublet peak measurements in flow-injection analysis


3082. Acid-base flow titration based on the use of an automatic buret

3083. Flow injection potentiometric and voltammetric stripping analysis using a dialysis membrane covered mercury film electrode

3084. Approach for the simultaneous flow injection determination of L-tyrosine and L-lysine based on enzyme reactors

3085. Immobilization of glutamate dehydrogenase on glass derivatives. A method for the assay of glutamates in real samples with simplex optimized automated FIA-system

3086. Photokinetic determination of riboflavin and riboflavin 5'-phosphate using flow injection analysis and chemiluminescence detection

3087. Voltammetric determination of small amounts of chromium by continuous flow analysis

3088. Application of a steady-state flow analysis to a long-period reaction in a continuous-flow system

3089. Pulsed amperometric detection of thaumatin using antibody-containing poly(pyrrole) electrodes

3090. Gas diffusion and micellar catalysis in the flow injection determination of sulfite

3091. Kinetic determination of fructose in the presence of glucose by ion-selective electrode-flow injection analysis
Y. He, C. Pan, S. Xing, Fenxi Huaxue, 22, 67 (1994).
3092. Evaluation of partition measurements in liquid-liquid segmented flow

3093. Evaluation of the precision of the flow injection doublet peak method

3094. Radial dispersion by computer-aided simulation with data from zone
circulating flow-injection analysis

3095. Electrochemiluminescent analysis: advances, problems, and prospects
N. N. Rozhitskii, E. M. Belash, A. I. Bykh,

3096. High-performance liquid chromatography-mass spectrometry (pneumatically
assisted electrospray) of hydroxy polycyclic aromatic hydrocarbons

3097. Amperometric detection of peroxides with poly(anilinomethyl-
ferrocene)-modified enzyme electrodes
A. Mulchandani, C.-L. Wang, H. H. Weetall,

3098. Electrochemical detection of trace hydrogen sulfide in gaseous samples
by porous silver electrodes supported on ion-exchange membranes (solid
polymer electrolytes)
G. Schiavon, G. Zotti, R. Toniolo, G. Bonfemelli,

3099. Flow injection chemiluminescent determination of folic acid in
pharmaceutical formulations

3100. Sequential injection analysis for electrochemical measurements and
process analysis

3101. On the mathematical model of flow injection analysis-II. The second order
chemical reaction in a straight tube

3102. Fiber optic-based detection of the entire sample plug as a straightforward
approach to kinetic measurements in flow-injection systems
J. A. Garcia-Mesa, M. D. Luque de Castro, M. Valcarcel,

3103. Evaluation of membrane mimetic agents to enhance the
chemiluminescence of the luminol/hydrogen peroxide system
M. E. Diaz Garcia, M. A. M. Sanchez, A. Sanz-Medel,
3104. Aqueous nitrite ion determination by selective reduction and gas phase nitric oxide chemiluminescence

3105. Testing of the flow injection technique with the sequential ICP-spectrometer 3510-ICP

3106. Flow injection gradient technique in spectrophotometric determination of formation constants of micromolecule-cyclodextrin complexes

3107. Speciation and determination of arsenic and its metabolites in urine by atomic absorption spectroscopy with hydride generation and other coupled techniques

3108. Use of Protein A as an immunological reagent and its application using flow injection. A review

3109. Selenium speciation - a flow injection approach employing online microwave reduction followed by hydride generation-quartz furnace atomic absorption spectrometry

3110. Screening of cattle urine samples for the presence of beta-agonists with a functional test: some preliminary results

3111. Environmental monitoring-a flow-injection approach

3112. Determination of rate constants by a double-line flow injection method incorporating a well-stirred tank reactor

3113. Conductive epoxy-based ion-selective electrodes. A review

3114. Anion-selective electrodes based on a gold(III)-triisobutylphosphine sulfide complex
3115. Flow injection reagent introduction by supported liquid and Nafion membranes: determination of phosphate
3116. Status of process flow-injection analysis and current trends
3117. Studies on the inhibition of immobilized alkaline phosphatase by metal ions and EDTA in a flow-injection system
3118. Thermooptical flow-injection determination of hydrogen peroxide based on an enzymic reaction heat-induced optical beam deflection
3119. Sensitive determination of humic acid in natural water by chemiluminescence-flow injection method
3120. Chemiluminescence reaction of lucigenin and inorganic reductants. II. Chemiluminescent reaction of molybdenum(III)-lucigenin
3121. Online preconcentration of inorganic mercury and methylmercury in sea-water by sorbent-extraction and total mercury determination by cold vapor atomic absorption spectrometry
3122. Automated determination of antibody oxidation using flow injection analysis
3123. Micromachined enzyme reactor for FIA system
3124. Flow injection amperometric detection of hydrazine by electrocatalytic oxidation at a perfluorosulfonated ionomer/ruthenium oxide pyrochlore chemically modified electrode
3125. Determination of trace arsenic in copper alloy by online flow injection-hydride generation inductively coupled plasma-atomic emission spectrometry
3126. Detection of aromatic compounds based on DNA intercalation using an evanescent wave biosensor
3127. Multistep determination of enzyme activity by flow injection and sequential injection analysis. Assay of amyloglucosidase

3128. Characterization of inhibitors of acetylcholinesterase by an automated amperometric flow-injection system

3129. Bilayer lipid membranes for flow injection monitoring of acetylcholine, urea, and penicillin

3130. Spectrophotometric determination of copper(II) and cyanide ions in wastewater by flow injection analysis

3131. Synergistic effect of a binary mixture in kinetic system and its applications

3132. Flow-injection spectrophotometric determination of silver in pharmaceutical preparations using Rhodamine B

3133. Continuous-flow analysis. Determination of copper in process solutions

3134. Determination of soluble sulfate in soils by use of a filtration probe coupled with a flow injection system

3135. Fast-scan cyclic voltammetry of 5-hydroxytryptamine

3136. Development of an integrated thermal biosensor for the simultaneous determination of multiple analytes

3137. Antigenic relationship between the house dust mite Dermatophagoides farinae and the predacious mite Phytoseiulus persimilis

3138. Determination of amino acids and proteins by dual-electrode detection in a flow system
3139. Simultaneous spectrofluorimetric determination of glycerol and ethanol in wine by flow injection using immobilized enzymes

3140. Simultaneous determination of sulfite and phosphate in wine by means of immobilized enzyme reactions and amperometric detection in a flow-injection system

3141. Comparison of reflux and microwave oven digestion for the determination of arsenic and selenium in sludge reference material using flow injection hydride generation and atomic absorption spectrometry

3142. Evaluation, mechanism and application of solid-phase extraction using a dithiocarbamate resin for the sampling and determination of mercury species in humic-rich natural waters

3143. Application of flow injection spectrophotometry to the determination of dissolved iron in sea-water

3144. A chemiluminescence reaction analyzer for a supercritical fluid

3145. Flow injection analysis - how it all started

3146. Determination of micro amounts of phosphorus with Malachite Green using a filtration-dissolution preconcentration method and flow injection-spectrophotometric detection

3147. Fiber-optic-based mode-filtered light detection for small-volume chemical analysis

3148. Application of the partial least-squares calibration method to the simultaneous kinetic determination of propoxur, carbaryl, ethiofencarb and formetanate
3149. Chemiluminescence determination of proteases by flow injection using immobilized isoluminol

3150. Simultaneous determination of copper and zinc in the hair of children by pH gradient construction in a flow-injection system
R. Liu, D. Liu, A. Sun, G. Liu, Analyst, 120, 569 (1995).

3151. Development of enzyme cartridge flow-injection analysis for industrial process monitoring. Part II. Application for monitoring of microorganism cultivations

3152. Determination of trace amounts of nickel by chelating ion exchange and online enrichment in flow injection spectrophotometry

3153. Rapid determinations of complexing stability constants by gradient flow-injection titration

3154. Relationship between sample dispersion and the flow-rate of carrier stream in flow injection analysis

3155. Ferrocene-conjugated polyaniline-modified enzyme electrodes for determination of peroxides in organic media

3156. Error sources in simultaneous nitrate/nitrite determinations using copperized cadmium as nitrate reducing agent

3157. Determination of phosphorus in aqueous solution via formation of the phosphoantimonylmonobdenum blue complex. Re-examination of optimum conditions for the analysis of phosphate

3158. Determination of chloride ions by reaction with mercury thiocyanate in the absence of iron(III) using a UV-photometric, flow injection method

3159. Flow injective determination of thiourea by amperometry