FIA Bibliography(14)

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FIA-related papers and FIA monographs appeared since 1984 have been compiled in this FIA bibliography section. About 1,800 papers and six monographs were listed in the previous section (refs. 226–228, 342, 501, 598, 771, 953, 1100, 1248, 1445, 1594, and 1786). All papers in this section are numbered in series and shown with the titles in English. The readers are requested to send me the reprints of their FIA-related papers that have not yet been listed in this section.

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1786. FIA Bibliography(13)
1787. Flow Injection Analysis (in Japanese)
1788. Flow injection analysis of serum urea using urease covalently immobilized on 2-fluoro-1-methylpyridinium salt-activated fractogel and fluorescence detection
1789. Fluorometric determination of urinary kynurenic acid by flow injection analysis equipped with a "bypass line"
1790. Photoinitiation of peroxyoxalate chemiluminescence: Application to flow injection analysis of chemilumiphores
1791. Solute focusing in flow injection analysis: Limits of detection and linear dynamic range
1792. Determination of gold at femtomolar levels in natural waters by flow injection inductively coupled plasma quadrupole mass spectrometetry
1793. Enhancement of flow injection optosensing by sorbent extraction and reaction rate measurement
1794. On-line monitoring of bioreactions of Bacillus polymyxa and Klebsiella oxytoca by membrane introduction tandem mass spectrometry with flow injection analysis sampling

1795. Variable flow rates and a sinusoidal flow pump for flow injection analysis

1796. Flow injection analysis and real-time detection of RNA bases by surface-enhanced raman spectroscopy

1797. Selective determination of histamine by flow injection analysis

1798. Design of coaxial segmentors for liquid-liquid extraction/flow injection analysis

1799. Minimal dispersion flow injection analysis systems for automated sample introduction

1800. Photometric determination of acidity constants by the flow gradient technique without pH measurements

1801. Flow-injection spectrophotometric determination of acetyl-coenzyme A with immobilized phosphotransacetylase

1802. Separation of rhenium by extraction with crown ethers and flow-injection extraction-spectrophotometric determination with Brilliant Green

1803. Flavin mononucleotide chemiluminescence in cationic micellar media for determination of chromium(III+VI) by flow injection

1804. Quantitative validation of a flow-injection determination of penicillin in pharmaceutical formulations by means of a validation program based on
an expert system

Part 1. Flow-injection potentiometric determination of cyanide with a metallic silver-wire electrode

1806. Potentiometric flow-injection determination of boron by using a flow-through tetrafluoroborate ion-selective poly(vinylchloride) membrane electrode

1807. Atomic spectrometric detectors for flow-injection analysis

1808. Reversible optosensing in packed flow-through detectors: flow injection or chromatography

1809. Modified electrodes for electrochemical detection in flowing streams

1810. Flow-injection approach for the determination of the dynamic response characteristics of ion-selective electrode.
Part 1. Theoretical considerations

1811. Flow-injection approach for the determination of the dynamic response characteristics of ion-selective electrode.
Part 2. Application to tubular solid-state iodide electrode

1812. Mathematical modelling of sequential determinations by flow-injection sandwich techniques

1813. Flow-injection immunoanalysis for the on-line monitoring of monoclonal antibodies
On-line determination of lactic acid during kefir fermentation based on a fibre-optic lactic acid biosensor and flow-injection analysis

Exchangeable immobilized enzyme reactor for enzyme inhibition tests in flow-injection analysis using a magnetic device. Determination of pesticides in drinking water

Application of a capillary flow cell to sophisticated flow-injection systems

Compensation of the Schlieren effect in flow-injection analysis by using dual-wavelength spectrophotometry

Determination of magnesium in blood serum using a flow-injection system with a potential-scanning electrochemical detection equipped with a thin-film deaerator

Flow-injection analysis for power plants: Evaluation of detectors for the determination of control parameters in conditioned water-steam cycles

Automated method for the determination of boron in water by flow-injection analysis with in-line preconcentration and spectrophotometric detection

Intelligent flow-injection-inductively coupled plasma system for matrix matching

Gas-diffusion dilution flow-injection method for the determination of ethanol in beverages without sample pretreatment

1823. 5,5-Diethylbarbiturate tubular electrode for use in flow-injection detection systems

1824. Integrated photochemical reaction/electrochemical detection in flow-injection systems: kinetic determination of oxalate

1825. Phosphorescence detection in flowing systems: selective determination of aluminium by flow-injection liquid room-temperature phosphorimetry

1826. Detection of slightly soluble systems by means of organized media in flow-injection analysis

1827. Rapid determination of microorganisms using a flow-injection system

1828. Simple variable-volume injector for flow-injection systems

1829. Indirect flow-injection determination of methadone by atomic absorption spectrometry

1830. Determination of potassium in gasoline and lubricating oils by a flow-injection technique with flame atomic emission spectrometric detection

1831. Determination of nitrate with a flow-injection system combining square-wave polarographic detection with on-line deareation

1832. Determination of glucose in fermentation processes by means of an on-line coupled flow-injection system using enzyme sensors based on
chemically modified electrodes

1833. Flow-injection catalytic kinetic determination of manganese using stopped-flow and gradient calibration

1834. Enzymatic determination of L-lysine by flow-injection techniques

1835. Processing and error analysis of signals in flow-injection analysis

1836. Direct automatic determination of polyphenols in olive oils in the aqueous phase of a flow-injection liquid-liquid extraction system without phase separation

1837. Determination of total phosphorus in waters with amperometric detection by coupling of flow-injection analysis with continuous microwave oven digestion

1838. Determination of chromium by on-line preconcentration on a poly(hydroxamic acid) resin in flow-injection atomic absorption spectrometry

1839. Application of flow-injection analysis in the on-line monitoring of sugars, lactic acid, protein and biomass during lactic acid fermentations

1840. Automated exploration and exploitation of flow-injection response surfaces

1841. Determination of BrO$_3^-$ by flow injection analysis with 5-Br-PADAP and SCN$^-$

1842. Extractable sulphate-sulphur, total sulphur and trace-element
determinations in plant material by flow injection analysis.
Part I. Extractable sulphate-S
1843. Extractable sulphate-sulphur, total sulphur and trace-element
determinations in plant material by flow injection analysis.
Part II. Total sulphur and copper, zinc, manganese and iron in plant
material
1844. Recent advances in detection in flow injection systems
1845. Ion pairing flow injection extraction
1846. Modification of a galssy carbon electrode by electrochemical deposition
of reduced 12-molybdophosphate in a flow injection system: increased
response to molybdate and pH
1847. Spectrophotometric flow-injection techniques for process monitoring
R.L. Benson, P.J. Worsfold and F.W. Sweeteining, Anal. Proc., 26,
1848. Flow-injection extraction-spectrophotometric determination of copper with
dithiocarbamates
1849. Flow-injection method for the separation of thallium and gold on a
sephadex column and their extraction-photometric determination with
rhodamine B
1850. Potentiometric determination of ethanol in alcoholic beverages using a
flow-injection analysis system equipped with, a gas diffusion unit with a
microporous poly(tetrafluoroethylene) membrane
1851. Flow injection analysis of nonionic surfactants using ionic
surfactant-selective electrode detector
1852. Some aspects of flow electroanalysis
1853. Flow injection analysis and chromatography: Twins or siblings?
—151—

1854. Bismuth(III) hydride generation, its separation and the determination of bismuth(III) by atomic absorption spectrometry using flow injection

1855. Use of masking agents in the determination of lead in tap water by flame atomic absorption spectrometry with flow injection pre-concentration

1856. Spectrofluorimetric optosensing of aluminium in a flow injection system: Determination of aluminium in dialysis fluids and concentrates

1857. Effect of coated open-tubular inorganic-based solid-state ion-selective electrodes on dispersion in flow injection

1858. Applications of the single well stirred tank model for dispersion in flow injection

1859. Shapes of flow injection signals: Effect of refractive index on spectrophotometric signals obtained for on-line formation of bromide from bromate, bromide and hydrogen ion in a single-channel manifold using large-volume time-based injections

1860. Reductive reverse flow injection amperometric determination of nitrate at a platinum electrode after on-line reduction to nitrosyl chloride in concentrated sulphuric acid medium containing chloride

1861. Simultaneous determination of total and free calcium in milk by flow injection

1862. Selective determination of triton-type non-ionic surfactants by on-line clean-up and flow injection with spectrophotometric detection
1863. Determination of zinc in plants by flow injection spectrophotometry with ion-exchange separation

1864. Gel-phase absorptiometry of phosphate with molybdate and malachite green and its application to flow analysis

1865. Determination of diphenhydramine hydrochloride by flow injection with bromophenol blue and turbidimetric measurement

1866. Experimental evaluation of commercially available semi-permeable membranes for use with parallel-plate dialyser in flow injection systems

1867. Rapid differential flow injection of phosphorus compounds in wastewater by sequential spectrophotometry and inductively coupled plasma atomic emission spectrometry using a vacuum ultraviolet emission line

1868. Optimization of a flow injection sampling system for quantitative analysis of dilute aqueous solutions using combined resonance and surface-enhanced Raman spectroscopy(SERRS)

1869. Determination of hydride-forming elements with the FIAS-200 flow-mercury/hydride system

1870. Determination of oxalate by FIA with electrogenerated chemiluminescence detection(in Japanese)

1871. Flow injection analysis of nonionic surfactants with plasticized poly(vinyl chloride) membrane electrode detector(in Japanese)

1872. Flow-injection extraction (FIE) in flame atomic absorption spectrometry (in Czech)

1873. Precise determination of silver by flow-injection analysis with stripping voltammetry detection


1874. Cocatalytic chemiluminescence system for the determination of trace amounts of copper(II) by flow injection analysis (in Chinese)


1876. Selective determination of Triton-type non-ionic surfactants in different samples by on-line clean-up and FIA


1877. Three component flow injection analysis with on-line dialysis.

Simultaneous determination of free calcium, total calcium and total chloride in milk by flow injection analysis and on-line dialysis


1878. Flow injection analysis: A useful alternative for solving analytical problems


1879. Flow injection ion-exchange preconcentration for the determination of iron(II) with chemiluminescence detection


1880. Speciation of tetraalkyllead compounds by flow injection - atomic absorption spectrophotometry


1881. Evaluation of experimental conditions on the response of fluoride and cyanide selective electrodes in flow injection potentiometry


1882. Flow injection spectrofluorimetric determination of samarium(III) based on quenching of calcein blue fluorescence

M. Aihara and M. Uchikado, *Fukuoka Joshi Daigaku Kaseigakubu Kiyo*, —154—


1885. Flow-injection methods for monitoring the environment

1886. Determination of manganese in vegetables and medicinal plants using flow injection system

1887. Novel flow injection approaches to environmental analysis

1888. A flow injection analysis system involving immobilized NADH oxidase in column form for clinical analysis

1889. Determination of alanine aminotransferase in human serum in an open-closed flow injection configuration

1890. Prerequisites for the on-line control of microbial processes by flow injection analysis

1891. Flow injection analysis and biosensors: applications for biotechnology and environmental control

1892. Development of an FIA system with immobilized enzymes for specific post-column detection of purine bases and their nucleosides separated by HPLC column

1893. Simultaneous determination of glucose, ethanol and lactate in alcoholic beverages and serum by amperometric flow injection analysis with immobilized enzyme reactors

1894. A microconduit flow injection analysis demonstration using a 35-mm slide protector

1895. Determination of inorganic anions by flow injection analysis and high-performance liquid chromatography combined with photolytic-electrochemical detection

1896. Rapid and sensitive determination of nucleoside H-phosphonates and inorganic H-phosphonates by high-performance liquid chromatography coupled with flow-injection analysis

1897. Desorption studies at a hanging mercury drop electrode by a flow injection method

1898. Modification of a commercial dual channel valve to be used in a stopped-flow injection analysis system

1899. A variable volume injection applied to the atomic absorption determination of sodium, potassium, calcium and magnesium in blood serum by flow injection analysis

1900. FIA potentiometric determination of salicylate in pharmaceutical preparations with a tubular detector

1901. Flow injection analysis for rapid amyloglucosidase activity determination

1902. Flow injection analysis of pharmaceuticals
1903. Instrumentation based on microcomputers. A computer operated flow injection analyzer


1905. FIA determination of phosphoric acid in phosphorization solution (in Chinese)

1906. Determination of pentachlorophenol by flow injection and amperometric detection with a glassy carbon electrode

1907. Amperometric determination of Paraoxon in the presence of p-nitrophenol by flow injection analysis

1908. Development of flow injection amperometric monitors for the determination of nitrate and other species

1909. Continuous flow injection chemical analysis (in Portuguese)

1910. On-line trace metal enrichment in flow injection/atomic absorption spectrometry

1911. The design of flow injection manifolds to give the best detection limits for methods involving on-line chemical derivatization.
Part 1. Theoretical bases for high sensitivity

1912. The design of flow injection manifolds to give the best detection limits for methods involving on-line chemical derivatization.
Part 2. The spectrophotometric determination of chloride
1913. Determination of hydride forming elements at ultratrace levels by flow-injection hydride generation atomic absorption spectrometry with on-line ion-exchange column preconcentration

1914. A flow injection method for phosphate based on an antimony-enhanced molybdenum blue reaction

1915. Organized surfactant assemblies in flow injection analysis

1916. Titration device by flow injection

1917. Flow-injection determination of phosphate with a cadmium ion-selective electrode

1918. Rapid determination of zinc and iron in foods by flow-injection analysis with flame atomic-absorption spectrophotometry and slurry nebulization

1919. Determination of ortho- and pyrophosphates in waters by extraction chromatography and flow-injection analysis

1920. Flow-through sensor for the fluorimetric determination of cyanide

1921. Determination of the flotation collector ethyl xanthate by flow-injection analysis


1923. Theory of flow injection analysis. First order chemical reactions (in Russian)