学会情報（2008.6〜2008.11）

（徳島大院HBS(薬)） 田中 秀治

第 45 回化学関連支部合同九州大会 北九州国際会議場（北九州市）2008 年 7 月 5 日

4-2.009固相分光流れ分析法を用いた微量ホウ素の定量（九大院理）宮石義隆, 鶴原照久, 秋本 裕, 竹原 公, 吉村和久

北海道支部 2008 年夏季研究発表会 北見工大（北見市）2008 年 7 月 19 日

D13　微小流体デバイスにおける高感度な電気化学検出のための作用電極形状の設計と評価（北大院工）田中達也, 石田晃彦, 上館民夫

第 45 回中国四国支部分析化学講習会講習会 徳島大薬（徳島市）2008 年 8 月 7･8 日

講義　流れ分析法を用いた前処理技術の高度化（小川商会）樋口慶郎

東京コンファレンス 2008 幕張メッセ国際会議場（千葉市）2008 年 9 月 3-5 日

講習会 1 フローインジェクション分析の基礎（愛知工大）酒井忠雄

講習会 2 フローインジェクション分析法による環境試料の高精度分析（千葉大院）小熊幸一

講習会 3 単一検出器を用いる高速フローインジェクション同時分析（愛知工大）手嶋紀雄

講習会 4 FIA を利用する化学分析の自動化（小川商会）樋口慶郎

講習会 5 フローインジェクション法の現場活用（山梨大院）山根 兵

P11　Simultaneous determination of trace noble metals by FIA using on-line preconcentration with anion exchanger AR-01（日産化学, 千葉大院工）中島淳一, 大野正司, 近間克己, 関 達也, 小熊幸一

P13　Stopped-in-dual-loop flow analysis of trae vanadium in drinking water（愛知工大）手嶋紀雄, 久野真紗美, 上田実, 酒井忠雄

日本鉄鋼協会第 156 回秋季講演大会 熊本大学（熊本市）2008 年 9 月 23-25 日

討 93　FI システムによる鉄鋼化学分析の簡便･迅速化及び高感度化への取組み（山梨大）山根 兵, 川久保進

376FIA ハイブリッド HPLC による鉄鋼中の超微量元素の直接計測（宇都宮大, 群馬大）上原伸夫, 板橋英之

PS-66　逆相高速液体クロマトグラフを結合したフローインジェクション分析法による鉄及び鋼中の微量コバルトの定量（宇都宮大）納谷修平

日本分析化学会第 57 年会 福岡大七隈キャンパス（福岡市）2008 年 9 月 10-12 日

D3022（**化学センサー研究懇談会**）　磁気ビーズインジェクション法及び表面プラズモン共鳴センサ法によるフローイムノアッセイ（九大院工）今任稔彦

F1017　高感度･高精度フロークーロメトリー用簡易カラム電極の作成と性能評価（龍谷大理工･熊本大教育）糟野 潤, 森島克樹, 松下隆之, 木原壮林

G1029　Investigation of arsenic leaching from contaminated sediments by automated flow analysis coupled with sequential hydride generation（熊本大院自然）Md. Abul Hashem, 戸田 敬

G1030 Spectrophotometric sequential injection system for successive determination of albumin and creatinine in urinary samples（愛知工大, Srinakharinwirot Univ. Chulalongkorn Univ.）Siangproh Weena, 手嶋紀雄, 酒井忠雄, Chailapakul Orawon

H2002 混合溶媒のミクロ相分離機能に基づく新規キャピラリーフロー分離分析法（佐賀大理工）田端正明, Charoenraks Thiraporn

H2003 フローインジェクション分析法によるメチルオレンジと臭素酸カリウムとの反応を利用した微量臭化物イオンの接触分析法（鹿児島大院理工, 鹿児島大理）勢田一史, 児玉谷仁, 穴澤活郎, 冨安卓滋

H2004 分析用試薬としての phen 誘導体を持つ Fe(III)及び Ru(III)の錯体 part 3（岡山理大理, 神戸大発達, 鹿児島大理）荒木貴之, 伊礼青太郎, 山崎重雄, 齊藤惠逸, 児玉谷仁

H2005 カップ積層型カーボンナノチューブ固定化 PTFE コイルを用いたビスフェノール A のフローインジェクション濃縮検出（阪府大院工, 三井化学大阪工場）野田達夫, 鵜飼匡夫, 川村邦男, 久本秀明, 八尾俊男

H2006 PTFE メンブランフィルターを用いた固相分光法による陰イオン界面活性剤の吸光光度定量（東理大理工）山崎一輝, 四反田功, 板垣昌幸, 渡辺邦洋

H2008 テフロン AF1600 を吸着材とする固相分光法によるポリオキシエチレン(2) ノニルフェニルエーテルの蛍光定量（東理大理工）山口 翔, 四反田功, 板垣昌幸, 渡辺邦洋

H2009（**FIA 研究懇談会**）逆ミセル界面場を利用した新規フローインジェクション化学発光分析法の開発（広島大院理）藤原照文

H2011（**FIA 研究懇談会**）コンピュータ制御による化学分析の自動化と高度化（岡山大院自然（理））本水昌二

P2058 フロー法による環境水中亜硝酸性及び硝酸性窒素 SV 分析システムの構築（東理大工）土肥 強, 矢野 傑, 奈部川英則, 林 英男, 田中龍彦

P3017 ルミノール化学発光シーケンシャルインジェクション分析における各種金属イオンの触媒効果（岡山大院自然）高柳俊夫, 稲葉雄也, 本水昌二

P3018 蛍光検出フローインジェクション分析法に基づくフッ化物イオンの定量（岡山大院自然）仲矢真悠, 山下裕樹, 高柳俊夫, 大島光子, 本水昌二

P3019 振幅変調多重化フロー分析法の効率向上のための最適化（徳島大学院 HBS 研, 徳島大薬, 徳島大院薬科教育）田中秀治, 黒河洋平, 上村剛史, 美馬卓人, 竹内政樹

P3020 硫黄との反応を利用したシアン化物イオンの吸光度検出 FIA（東海大理）三上一行, 桜井和之, 三浦恭之

P3044 オンライン紫外線照射－ルミノール化学発光検出法による亜硝酸･硝酸イオン分析法の開発(2)（鹿児島大理, 岡山理大理, 神戸大院人間発達環境, 金沢工大生環研）児玉谷仁, 山崎重雄, 齊藤惠逸, 小松 優, 穴澤活郎, 冨安卓 滋

Y1047 モリブデン青発色 FIA 法によるリン酸イオンの発色条件の比較･検討（横国大院環境情報）滑川 隆, 中村栄子

Y1048 化学発光反応を用いたビタミン B12 のフローインジェクション分析（鳥取大地域）田中奈津美, 中野惠文

The 15th International Conference on Flow Injection Analysis including related techniques & The 25th Anniversary Meeting of Japanese Association for Flow Injection Analysis 名古屋ガーデンパレス(名古屋市)2008 年 9 月 28 日ー10 月 3 日

O-2 An electrospray mass spectrometer as a new detector for inorganic ions in flow analysis (Gunma Univ., Nagoya Univ.) Kin-ichi Tsunoda, Hiroki Hotta, Yuta Kogure, Akira, Takahashi, Takayuki Mori, Tomonari Umemura

O-3 Separation and determination of small amounts of metal ions with capillary electrophoresis equipped with chemiluminescence detection system using a reaction of 1,10-phenanthroline and hydrogen peroxide (Doshisha Univ.) Takahiro Nogami, Masahiko Hashimoto, Kazuhiko Tsukagoshi

O-6 Postcolumn concentration in ion chromatography (Tokushima Univ., Texas Tech Univ., Univ. of Texas at Arlington, Dionex) Masaki Takeuchi, Jason V. Dyke, Purnendu K. Dasgupta, Hideji Tanaka, Kannan Srinivasan

O-9 Can flow based micro gas analyzer measure exhaled nitric oxide of human breath? (Kumamoto Univ., Sekisui Medical, GASTEC) Kei Toda, Takahiro Koga, Junichi Kosuge, Mieko Kashiwagi, Hiroshi Oguchi, Takemi Arimoto

I-2 (招待講演) Activities of Japanese Association for Flow Injection Analysis: 25th Anniversary (Aichi Inst. of Tech.) Tadao Sakai

I-3 (招待講演) An Ionic Diode Behaves as an Electrolyte Generator and a Charge Detector (Univ. of Texas at Arlington) Purnendu K. Dasgupta, Bingcheng Yang, Yongjin Chen, Masanobu Mori, Shin-Ichi Ohira

O-13 Analysis of angiotensin I-converting enzyme-inhibiting activity based on the detection of 3-hydroxybutyric acid (Kochi Univ., Dojindo) Hiroyuki Ukeda, Le Hoang Lam, Tomoko Shimamura, Munetaka Ishiyama

O-17 Time measurement-visual analysis of L-cysteine using autocatalytic reaction with sodium sulfite/hydrogen peroxide system and its application to the length detection-flow analysis (Tokyo Univ. of Sci., Ibaraki Univ.) Jun Kato, Michihito Chiba, Shukuro Igarashi

O-18 Standard gas generator based on gravitational dispensing-vaporization for breath formaldehyde analysis system (Aichi Inst. of Tech.) Norio Teshima, Miroru Ueda, Tadao Sakai

O-19 Coupling between membraneless vaporization with capacitively coupled contactless conductivity detection for selective analysis of carbonate (Flow Innovation-Research for Sci. and Tech. Lab., Mahidol Univ., National Oceanic & Atmospheric Administration, Okayama Univ.) Kamonthip Sereenonchai, Phoonthawee Saetear, Natchanon Amornthammarong, Kanchana Uraisin, Prapin Wilairat, Shoji Motomizu, Duangjai Nacapricha

O-20 A new capillary flow analysis with separation function using aqueous mixed solvents of ionic liquids (Saga Univ.) Thiraporn Charoenraks, Masaaki Tabata, Kenta Fujii

O-22 Flow-injection photometric determination of molybdenum(VI) using its catalytic effect on the oxidative coupling reaction (Tottori Univ.) Shigenori Nakano, Chie Kamaguchi, Naoki Hirakawa

I-4 (招待講演) Microfluidicis for single biomolecular and single cellular analysis (Nagoya Univ., National Inst. of Advanced Industrial Sci. and Tech., National Inst. for Natural Sci.) Yoshinobu Baba

O-26 Development of novel silica monolith as a support for immobilized enzyme based on the FIA system and application of the system for determination of urea (Kanagawa Inst. of Tech.) Yasuhiro Iida, Hiroomi Kan, Ikuo Satoh

O-31 Automation of chemical analysis using computer-controllable modules for liquid-flow pumps and valves (Okayama Univ.) Shoji Motomizu

O-34 Computational characterization of titanium(IV)-porphyrin reagent used in the flow injection analysis of hydrogen peroxide (Tokyo Univ. of Pharm. and Life Sci., Tohoku Univ.) Kiyoko Takamura, Takatoshi Matsumoto

O-37 Determination of sulfite in wine by flow analysis with a membraneless vaporization apparatus (Flow Innovation-Research for Sci. and Tech. Lab., King Mongkut's Univ. of Tech. North Bangkok, Mahidol Univ., King Mongkut's Inst. of Tech. Ladkrabang, Chiba Univ.) Chatchalida Boonpanaid, Thanawat Danvanichkul, Kamonthip Sereenonchai, Nathawut Choengchan, Duangjai Nacapricha, Koichi Oguma

P-2 On-line preconcentration method for the determination of trace metals using Multi-Auto-Pret AES System (Okayama Univ., GL Sciences, SII Nano Tech.) Rosi Ketrin, Toshio Takayanagi, Mitsuko Oshima, Yoshiaki Furusho, Masayuku Yamada, Shoji Motomizu

P-3 Multi-Auto-Pret AES System for rapid determination of trace metals in water samples (Okayama Univ., GL Sciences, SII Nano Tech.) Rosi Ketrin, Yoshiaki Furusho, Masayuku Yamada, Shoji Motomizu

P-4 Graphite furnace atomic absorption spectrometry for the determination of trace lead and cadmium coupled with on-line solid phase extraction (Aichi Inst. of Tech., Okayama Univ.) Minoru Ueda, Norio Teshima, Tadao Sakai, Shoji Motomizu

P-5 Lab-at-valve on-line solvent extraction sequential injection determination of iron using ion association formation (Chiang Mai Univ., Okayama Univ., Aichi Inst. of Tech.) Saiphon Chanpaka, Porntiwa Nuntaboon, Shoji Motomizu, Tadao Sakai, Prasak Thavornyutikarn, Kate Grudpan

P-6 Continuous flow system for mutual separation of aluminum(III), gallium(III) and indium(III) based on kinetically controlled extraction of metal ions (Gunma Univ.) Saori Osanai, Masanobu Mori, Hideyuki Itabashi

P-7 Flow-injection photometric determination of cadmium(II) based on its catalysis of complex formation reaction of zinc(II) with TPPS (Tokyo Univ. of Sci.) Akiko Okajima, Isao Shitanda, Masayuki Itagaki, Kunihiro Watanabe

P-8 Flow injection analysis of small amounts of platinum group metals by catalytic decomposition reaction of porphyrin analogue －Analysis of Ru(III)－ (Ibaraki Univ.) Takao Ohtomo, Shukuro Igarashi

P-10 Flow system for separation of inorganic anions with zirconia-based anion-exchange column (Gunma Univ.) Tsutomu Fujikake, Masanobu Mori, Hideyuki Itabashi

P-11 Determination of trace elements in water sample by all injection analysis (AIA) system with solenoid valves (Gunma Univ.) Tsuyoshi Onozato, Nobuko Sato, Masanobu Mori, Hideyuki Itabashi

P-13 Cyclic flow injection analysis for determination of cyanide using xylenol orange-mercury(II) complex (Okayama Univ. of Sci.) Masumi Yumoto, Takashi Yokoyama, Michio Zenki

P-14 Determination of chemical oxygen demand by flow injection analysis using mixed oxidizing reagents (Okayama Univ. of Sci.) Masamitsu Shibuya, Takashi Yokoyama,

Michio Zenki

P-16 Capillary zone electrophoresis of inorganic anions using polymer coated capillary column（Gunma Univ.）Maki Kaseda, Tomoko Ikeda, Masanobu Mori, Hideyuki Itabashi

P-18 Flow-injection chemiluminescence determination of cobalt using luminol in a reversed micellar medium of cetyltrimethylammonium chloride in 1-hexanol cyclohexane（Hiroshima Univ.）Hideyuki Takahashi, Yasuaki Urabe, Yasuaki Okamoto, Satoshi Tsukahara, Terufumi Fujiwara

P-21 Application of amplitude modulated multiplexed flow analysis for the simultaneous determination of multiple analytes（Tokushima Univ.） Takuto Mima, Masaki Takeuchi, Hideji Tanaka

P-23 Determination of trace amounts of arsenic by constant current stripping analysis method using screen-printed carbon electrode（Chulalongkorn Univ., Okayama Univ.）Wanida Wonsawat, Charoenkwan Kraiya, Suchada Chuanuwatanakul, Orawon Chailapakul, Shoji Motomizu

P-25 Development of ATP sensing electrode for electrochemical detector by using molecularly imprinted overoxidized polypyrrole（Osaka Prefecture Univ., Atect corp.）Shintaro Takeda, Satoru Mizuguchi, Hitoshi Funahashi, Hiroshi Shiigi, Tsutomu Nagaoka

P-28 Enhancement of conductimetric response using Na^+-formed cation-exchange resin as post-column reactant on ion-exclusion chromatography of aliphatic carboxylic acids（Gunma Univ., Hiroshima Univ.）Tomotaka Iwata, Masanobu Mori, Hideyuki Itabashi, Kazuhiko Tanaka

P-30 Determination of diazinon in water samples by HPLC after preconcentration with multiwalled carbon nanotubes（Mie Univ.）Yusuke Nakaoka, Hideyuki Katsumata, Satoshi Kaneco, Tohru Suzuki, Kiyohisa Ohta

P-31 Analysis of extractives from a skin by using high performance liquid chromatography（Osaka Prefecture Univ.）Itaru Ota, Hiroaki Matumoto, Hiroshi Shiigi and Tutomu Nagaoka

P-32 Simultaneous determination of different kinds of surfactants by flow-based immunoassay using quantum dots and magnetic microbeads（Kyushu Univ., Yabegawa Electronic Engineering）RuiQi Zhang, Hizuru Nakajima, Nobuaki Soh, Koji Nakano, Kazuhira Sakamoto, Toshihiko Imato

P-33 Flow immunoassay for alkylphenol polyetoxylate using a portable surface plasmon resonance sensor（Kyushu Univ., Yabegawa Electronic Industry Co.） Mayumi Tanaka, Hizuru Nakajima, Nobuaki Soh, Koji Nakano, Kazuhira Sakamoto, Toshihiko Imato

P-35 Flow injection analysis of angiotensin I-converting enzyme inhibitory activity with immobilized-enzyme reactors（Kochi Univ., Dojindo）Le Hoang Lam, Tomoko Shimamura, Munetaka Ishiyama, Hiroyuki Ukeda

P-36 Evaluation of properties of catechin as a tyrosinase inhibition with the use of the FIA system（Kanagawa Inst. of Tech., Coper Electronics）Takahiro Satoh, Norio Maezumi, Yasuhiro Iida

P-39 Development of a microfluidic system and application of the system with use of immobilized acid urease to screening of urease inhibitors from herbal medicines（Kanagawa Inst. of Tech.）Hiroomi Kan, Sho Aki, Yasuhiro Iida

P-40 Determination of zinc(Ⅱ) ions with use of enzyme switching mechanism（Kanagawa Inst. of Tech.）Daisuke Nojima, Ikuo Satoh, Yasuhiro Iida

P-42 Online determination of copper in metal solution including aluminum by micro-chemical chip solvent extraction with isotope dilution ICP-MS method（Nissan Chemical Industries）Tsuyoshi Kagawa, Masashi Ohno, Tatsuya Seki, Katsumi Chikama

P-43 Development of a surface plasmon resonance immunosensor for rapid and sensitive 2,4-DNT detection（Kyushu Univ.）Kazutaka Nagatomo, Kiyoshi Toko, Norio Miura, Kiyoshi Matsumoto

P-44 Evaluation of calcium supplement by ion chromatography（Gunma Univ., Den Show Co.） Chisato Hara, Akira Kurosu, Tomio Matumoto, Masanobu Mori, Hideyuki Itabashi

P-50 The high adsorptive activity of a cup-stacked carbon nanotube for enzyme protein and its application to bio flow-injection analysis of glucose（Osaka Prefecture Univ., Mitsui Chemicals） Tatsuo Noda, Tadao Ukai, Hideaki Hisamoto, Toshio Yao

P-55 Anion exchanger as a reaction/separation medium—pectrophotometric determination of trace amounts of boron in water and steel by on-line complexation with chromotropic acid presorbed on the anion-exchange column（Kyushu Univ., Niigata Univ., Fukuoka Univ. of Education） Kazuhisa Yoshimura, Chaoying Shao, Satoshi Uryu, Ko Takehara, S. Matsuoka, Y. Miyazaki

P-56 Synthesis of novel chitosan resins for collection and concentration of trace uranium and development of on-line pretreatment system（Kibi International Univ., Okayama Univ.）Koji Oshita, Toshio Takayanagi, Mitsuko, Oshima, Shoji Motomizu

P-57 Determination of rare earth elements in seawater by ICP-MS with on-line column pre-concentration（Kochi Prefectural Industrial Tech. Center, National Inst. of Advanced Industrial Sci. and Tech., Okayama Univ.） Takashi Sumida, Tetsuya Nakazato, Hiroaki Tao, Mitsuko Oshima, Shoji Motomizu

P-59 Characterization of diffusion and mixing phenomena in microfluidic FIA systems（Tokyo Metropolitan Univ.） Yoshimasa Takabayashi, Tatsuya Fujino, Takashi Korenaga

P-61 Detection method of inorganic polyphosphates in flow analysis based on particle formation–laser light scattering（Nagoya Inst. of Tech.）Makaki Ando, Shinya Kitagawa, Hajime Ohtani

P-66 Hydroxyapatite as an adsorption matrix for FIA armed with a laccase column（Kanagawa Inst. of Tech.）Ikuo Satoh, Yoshiki Kobayashi, Shin-ya Arai, Emi Aoki

P-68 Catalytic effect of metal ions on chemiluminometric sequential injection analysis with luminol - H_2O_2 system（Okayama Univ.）Toshio Takayanagi, Yuya Inaba, Hiroyuki Kanzaki, Yasutaka Jyoichi, Shoji Motomizu

P-69 Flow injection analysis of formaldehyde and ammonia in water by novel hantzsch detection reaction（Okayama Univ., Chinese Academy of Sci.）Qiong Li, Mitsuko Oshima, Yun-Hua Gao, Shoji Motomizu

P-70 Flow-injection kinetic determination of nanogram levels of formaldehyde by spectrophotometry（Aqualab Co., Hokkaido Pharm. Univ., Tottori Univ.,）Katsuhisa Shimada, Tetsurou Shimoda, Hisao Kokusen, Shigenori Nakano

P-71 An automated stopped-flow injection spectrofluorometric determination of formaldehyde（Chiang Mai Univ., Okayama Univ.）Wasin Wongwilai, Jaroon Jakmunee, Somchai Lapanantnoppakhun, Shoji Motomizu, Kate Grudpan

P-72 Development of automated chemical analysis system using flow injection technique and its application to preconcentration and continuous monitoring system（Ogawa

& Co., Aichi Inst. of Tech., Kurahashi Giken) Keiro Higuchi, Norio Teshima, Tadao Sakai, Ken-ichi Kurahashi

P-73 Automated preconcentration with chelating resin column for ICP-AES and application to the determination of multi elements in water samples (Okayama Univ., Ogawa & Co.) Mutsuko Akasaka, Mitsuko, Oshima, Shoji Motomizu, Keiro Higuchi

P-75 Utilization of sequential injection analysis system for successive determination of albumin and creatinine in urinary samples (Aichi Inst. of Tech., Asahi Univ., Srinakharinwirot Univ., Chulalongkorn Univ.) Weena Siangproh, Norio Teshima, Tadao Sakai, Shuji Katoh, Orawon Chailapakul.

P-76 Development and integration of active polymer monoliths for high-throughput bioanalysis (Nagoya Univ., Japan Atomic Energy Research Inst.) Tomonari Umemura, Hiroharu Kobayashi, Yuka Takasaki, Yuji Ueki, Masao Tamada, Hiroki Haraguchi

P-78 FIA for determination of sulfate ion using solid-membrane adsorbed barium sulfate–Effect of salt in carrier solution– (Okayama Univ. of Sci.) Takashi Yokoyama, Kanae Morishita, Chika Dohmen, Michio Zenki

P-79 Chemical speciation of chromium present in different oxidation states in natural waters by using flow injection-solid phase spectrometry (Niigata Univ., Kyushu Univ., Sebelas Maret Univ.) Shiro Matsuoka, Yu Nakatsu, Ko Takehara, Sulistyo Saputro, Kazuhisa Yoshimura

P-83 Highly sensitive chemiluminescent determination of hydrogen ion by means of FIA—Study on chemiluminescent reaction mechanism (Tokyo Metropolitan Univ., Shizuoka Univ. of Welfare) Megumi Tashiro, Tomoe Komatsu, Kibuko Suehiro, Mikita Ishii, Masaaki Yamada

P-84 Chemiluminescent visualization of surfactant solvatochromism by reversed stopped flow method (Shizuoka Univ. of Welfare) Tomoe Komatsu, Kibuko Suehiro, Mikita Ishii

P-85 A new glass-syringe type flow cell for simple fluorometric determination of selenium (Univ. of Yamanashi) Yasutada Suzuki, Naoki Hashigaya, Susumu Kawakubo

P-86 Determination of traces of palladium by FIA using on-line preconcentration with QuadraSil TA (Nissan Chemical Industries, Chiba Univ) Junichi Nakajima, Masashi Ohno, Katsumi Chikama, Tatsuya Seki, Koichi Oguma

P-87 Automatic determination of arsenic in waste water by Flow injection spectrophotometry (Mitsubishi Materials Corp.) Satoshi Mizuno, Kenichi Tomioka, Minoru Takeya, Yutaka Hayashibe

P-88 Sensitive determination of iodine in some samples by ion chromatography with UV detection (Kinki Univ., Hiroshima Univ.) Naoko Haba, Kazuaki Ito, Hiroko Kataoka, Yasuaki Okamoto, Terufumi Fujiwara, Takeshi Hirokawa

P-89 Monitoring of vitamin C species in aqueous solution by flow injection analysis coupled with an on-line separation with reversed-phase column (Okayama Univ.) Toshio Takayanagi, Masato Nishiuchi, Minako Ousaka, Mitsuko Oshima, Shoji Motomizu

P-98 FIA of glucose using bioreactor/biodetector-coupled system with enzymes and organic dyes-coadsorbed carbon felts (Saitama Inst. of Tech) Yasushi Hasebe, Masaki Hirono, Ryota Komuro

P-103 Determination of vitamin C in some fruits using molybdenum salts by flow based techniques (Chiang Mai Univ., Okayama Univ., Aichi Inst. of Tech.) Wiyarat Kumutanat, Wasin Wongwilai, Krittiya Koonyotying, Kate Grudpan, Shoji Motomizu, Tadao Sakai, Somchai Lapanantnoppakhun

P-111 Development of a FIA Instrument for analysis of minor components ($NO_2^-/NO_3^-/NH_4^+/PO_4^{3-}$) in environmental water (Soma Optics, Okayama Univ) Shanji Piao , Yoshihiro Jufuku, Ikuhisa, Ishii, Nobuo Ura, Yasutaka Joichi, Shoji Motomizu

P-112 Automated pretreatment system coupled with ICP-AES for speciation of Cr(III) and Cr(VI) using dual mini-columns packed with newly synthesized chitosan resin and ME-03 resin (Brawijaya Univ., GL Sciences, Okayama Univ., Kibi International Univ.) Akhmad Sabarudin, Yoshiaki Furusho, Lukman Hakim, Koji Oshita, Mitsuko Oshima, Shoji Motomizu

P-113 Successive determination of ammonia nitrite and nitrate in water samples by spectrophotometric sequential injection system (Chiang Mai Univ., Okayama Univ., Aichi Inst. of Tech.) Kanchana Watla-iad, Shoji Motomizu, Tadao Sakai, Kate Grudpan

P-114 Automated pretreatment system for chromium(VI) determination in high matrix sample using highly selective solid phase extraction (GL Sciences, SII Nanotechnoooy, M&S Instrument, Okayama Univ.) Yoshiaki Furusho, Masato Ono, Masayuki Yamada, Takashi Kitade, Shoji Motomizu

P-116 Potentiometry of anionic polyelectrolyte with and without cationic probe (Nagoya Inst. of Tech.) Akio Yuchi, Kazutake Takada, Xiang-Yang Zheng, Takanori Ichikawa

Separation Sciences 2008 東京理科大薬(野田市)2008 年 11 月 13 日

S13(特別講演) FIA を用いる化学分析の自動化(小川商会) 樋口慶郎

G9 オートアナライザーを用いた硝酸イオンの定量のための還元率の向上と評価(産総研)加藤千香子, 日置昭治

G11 マイクロフロー高温高圧液相反応分析法の展開:オリゴペプチドの水熱合成(大阪府大院工)竹家 均, 川村邦男, 八尾俊男

G12 nM 濃度レベルの過酸化水素に応答する HRP 吸着カーボンナノチューブ修飾電極と L-グルタミン酸の高感度フローインジェクション検出(三井化学, 阪府大院工)鵜飼匡夫, 川村邦男, 久本秀明, 八尾俊男

P14 固定化プトレッシンオキシダーゼを用いる吸光検出 FIA によるプトレッシンの定量(山梨大院医工, 神奈川工科大応用バイオ)渡辺 瞬, 風間祐斗, 橘 正樹, 谷 和江, 小泉均, 木羽信敏, 長岡亜矢子, 手塚暁美, 山村 晃, 松本邦男

P37 細管中での拡散特性を利用する高速分離(東工大院理工)梅原亮二, 原田 誠, 岡田哲男

G51 ハイドロダイナミッククロマトグラフィーによるシリカコロイドの分離定量(岐阜大工)竹内豊英, Siswoyo, リムリーワ

G54 表面プラズモン共鳴センサを検出器とする非イオン性界面活性剤のシークエンシャルインジェクションイムノアッセイ法(九大院工, 矢部川電気工業)田中真由美, 坂本一平, 中嶋 秀, 宗 伸明, 中野幸二, 今任稔彦

・最近の学会・講演会から抜粋しました。
・内容が判断できない場合はタイトルに"フローインジェクション"あるいは"フロー"とついているもののみ採択しました。
・見落としなどお気付きの点がございましたならお手数ですがご一報下さい