学会情報（2016.12～2017.5）

（徳島大院医歯薬） 竹内 政樹

ASIANALYSIS XIII

The Empress International Convention Center (Chiang Mai, Thailand) 2016年12月8－11日

PL-3 Flow-based immunoassay using sequential injection and centrifugal pumping techniques, Toshihiko Imato

INV-02 Environmental applications of sequential injection vapor generation coupled with chemiluminescence detection and mass spectrometry, Kei Toda

OR-34 Explore temperature-dependent schlieren effect in chemical analysis, Jintana Suwanrut; Supatana Buking; Wichayaporn Kamsong; Thitirat Mantim; Nattapong Chantipmanee; Phoonthawee Saetear; Duangjai Nacapricha

OR-35 Characterization of titanium(IV)-dye complexes as reagents for determining hydrogen peroxide in flow analysis, Kiyoko Takamura; Takatoshi Matsumoto

INV-09 Method developments for the determination of cyanide, thiocyanate, and the mixture of both, cyanide and thiocyanate based on the flow injection technique, Hermin Sulistyarti

OR-36 Application of a new flow-through cell with dual photometric and contactless conductivity detectors for simultaneous and sequential analysis in flow-base system, Thitirat Mantim; Korbua Chaisiwamongkol; Kanchana Uraisin; Peter C. Hauser; Prapin Wilairat; Duangjai Nacapricha

OR-37 Flow system for simultaneous determination of ammonium and sulfide in wastewater using on-line membraneless vaporization coupled with contactless conductivity detection, Waleed Alahmad; Thanakorn Pluangklang; hitirat Mantim; Victor Cerda; Nuanlaor Ratanawimarnwong; Duangjai Nacapricha

OR-38 Sequential injection system for on-line derivatization with spectrophotometric determination of GABA, Pronrawee Tanpramoon; Duangjai Nacapricha; Nathawut Choengchan

INV-20 Preparation of organic polymer-based monolithic column for flow-through protein digestion and phosphopeptide identification, Akhmad Sabarudin

INV-21 High throughput titration by air-segmented flow ratiometry Hideji Tanaka; Erina Tomiyama; Tomoko Hirasaka; Hiroya Kubo; Sawako Oka; Naoya Kakiuchi; Akihiro Fujikawa; Masaki Takeuchi

OR-39 Cross injection analysis: Recent advance in flow injection analysis and its applications, Nathawut Choengchan; Pronrawee Tanpramoon; Thitirat Mantim; Prawpan Inpota; Prapin Wilairat; Duangjai Nacapricha

INV-42 Mobile chemical analysis (MCA) for measuring nutrient substances by computer-controlled flow chemical analysis (CC-FCA) techniques using LED based detectors, Lukman Hakim; Yasutada Suzuki; Shoji Motomizu

OR-40 Efficiency study of nitrogen dioxide removal by photocatalyzed titanium dioxide using a continuous gas flow reactor coupled with on-line monitoring system, Kanchana Uraisin; Korbua Chaisiwamongkhol; Noppadon Manoyen; Komkrit Suttiponparnit; Duangjai Nacapricha; Siwaporn Mejoo Smith

OR-41 Simultaneous determination of ethanol and total sulfur dioxide in wine by flow analysis using 3-chamber MBL-VP, Thanakorn Pluangklang; Kanchana Uraisin; Prapin Wirairat; Nuanlaor Ratanawimarnwong; Duangjai Nacapricha

OR-42 Flow injection immunoassay based on luminescent carbon nanodots, Ryoichi Ishimatsu; Koji Nakano; Toshihiko Imato

P054 Flow injection amperometric determination of formalin Supatinee Kongkaew; Proespichaya Kanatharana; Panote Thavarungkul; Warakorn Limbut

P087 Single standard calibration method via moving drop for down-scaling potentiometric measurement, Tinakorn Kanyanee; Pheeraya Jaikang; Kate Grudpan

P088 Reverse-flow injection analysis coupled with USB microscope detection for vitamin C by using of natural reagent, Saiphon Chanpaka; Kamonchanok Kongkul; Kamonthip Singbumrung; Sarawut Supannarach

P089 Determination of total flavonoids in Miang, a traditional fermented tea leaf (Camellia sinensis var. assamica) using a simple-colorimetric method, Patawee Leepitakrat; Chalermpong Saenjum; Kate Grudpan; Kanchana Watla-iad

P090 Semi-automation systems employing robotic and image processing for the determination of nitrite, Narong Kotchabhakdi; Somrit Unai; Kate Grudpan

P091 Internet of Thing (IoT) in modern chemical analysis, Kitti Phojuang; Wasin Wongwilai; Supara Grudpana; Siraprapa Wattanakul; Kate Grudpan

P092 Improvement on the modified Lowry method using mobile phone for protein assay, Sutasinee Apichai; Suphasinee Sateanchok; Sasithorn Boonmapa; Kajorngai Thajee;Kanokwan Kiwfo; Wasin Wongwilai; Kate Grudpan

P093 Antioxidant assay using cotton based device, Suphasinee Sateanchok; Sunanta Wangkarn; Chalermpong Saenjum; Kate Grudpan

P094 Green acid-base titration via image processing, Kajorngai Thajee; Suphaluk Aphichatpanichakul; Wasin Wongwilai; Kate Grudpan

P095 Down scaling in simple assay with sample pretreatment for alcohol, Phirom Deedphinram; Kajorngai Thajee; Kate Grudpan

P096 Down scaling in simple assay with sample pretreatment for ammonium ion, Atitsuda Pitak; Pheeraya Jaikang; Kate Grudpan

P097 Employing everyday life modern information technology for Laboratory Information System (LIS) in modern chemical analysis, Wasin Wongwilai; Chalita Samerjai; Waleerat Sangchai; Chartchai Khanongnuch; Chalermpong Saenjum; Kate Grudpan

P098 Validation of portable device for measuring rhodamine chloride and rhodamine 6G, Chalermpong Saenjum; Kate Grudpan; Wasin Wongwilai; Yuji Oki

P099 Development of flow injection amperometric system

coupled with well plate for fast screening of antioxidant activity, Puttaporn Klayprasert; Jaroon Jakmunee

P100 Simultaneous injection effective mixing flow analysis (SIEMA) for determination of albumin, creatinine, bilirubin and urobilinogen in human urine, Tadao Sakai; Norio Teshima; Nuanlaor Ratanawimarnwong; Kriangkrai Ponhong; Jitlada Vichapong; Duangjai Nacapricha; Kate Grudpan; Rodjana Burakham; Supalax Srijaranai; Shoji Motomizu

P101 Simultaneous injection effective mixing flow analysis (SIEMA) system for automatic pre-column derivatization HPLC fluorimetric determination of aldehydes and acetone, Rika Ichisugi; Ketsarin Seebunrueng; Hiroya Murakami; Supalax Srijaranai; Umemura Tomonari; Sakai Tadao; Norio Teshima

P102 Electrogenerated chemiluminescence immunoassay for pesticides based on sequential injection analysis using carbon quantum dots, Kanokwan Charoenkitamorn; Sudkate Chaiyo; Surat Hongsibsong; Takuya Okada; Ryoichi Ishimatsu; Koji Nakano; Orawon Chailapakul; Tippawan Prapamontol; Toshihiko Imato

P103 Characterization of branched cationic polyacrylamide copolymers using frit-inlet asymmetrical flow field-flow fractionation with multi-angle light scattering, Hye Jin Lee; Jin Yong Kim; Myeong Hee Moon

P104 Electrogenerated chemiluminescence of a BODIPY derivative as a light source for flow analysis, Hirosato Shintaku; Ryoichi Ishimatsu; Koji Nakano; Toshihiko Imato

P105 Simultaneous detection system for L-lactate and D-glucose using track-etched microporous membrane electrodes, Hitoshi Mizuguchi; Keiko Sasaki; Hirokazu Ichinose; Shota Seino, Jun Sakurai; Masamitsu Iiyama; Tatsuro Kijima; Kazuhiro Tachibana; Tatsuo Nishina; Toshio Takayanagi; Junichi Shida

P106 Development of an LED-based fluorometric detector for flow-injection analysis and its application to determination of boron with chromotropic acid, Yasutada Suzuki; Yuuki Tanaka; Takeshi Yamane; Shoji Motomizu; Susumu Kawakubo

P107 Displacement of EDTA on the Fe(III)-SSA complex for the speciation of iron determination, Monnapat Vongboot; Nalin Rukthongthai; Sunisa Boontom

P108 Flow injection potentiometric method based on Ce(IV)/Ce(III) redox reaction for determination of total antioxidant activity, Puttaporn Klayprasert; Jaroon Jakmunee

P109 Automatic on-line pretreatment flow system for spectrophotometric determination of thiocyanate in human urine, Niramol Jitsommai; Jirayu Sitanurak; Duangjai Nacapricha; Prapin Wilairat; Kanchana Uraisin

P110 Flow field-flow fractionation parameter optimization for separation of polystyrene latex and silica nanoparticles, Sutthinee Mekprayoon; Atitaya Siripinyanond

P111 Facile synthesis of zinc sulfide quantum dots (ZnS QDs) and its application to automated spectrofluorometric determination of Hg (II) by sequential injection analysis, Aurachat Lert-itthiporn; Duangjai Nacapricha; Nathawut Choengchan

P112 An environmentally friendly flow injection method with dual-channel C4D for simultaneous determination of salinity, carbonate and ammonia in tap, river and marine waters, Sumonmarn Chaneam; Prawpan Inpota; Suttipong Saisarai; Nuanlaor Ratanawimarnwong; Kanchana Uraisin; Prapin Wilairat; Duangjai Nacapricha

P113 Development of flow injection system with spectrophotometric detection for hydroquinone determination in skin whitening agents, Thitaporn Sonsa-ard; Saowapak Teerasong; Duangjai Nacapricha

P114 Multicommutated sequential injection spectrophotometry for determination of ABTS. + scavenging capacity and Folin-Ciocalteu assays in Thai herbal infusion, Orawan Kritsunankul; Benjaporn Pramote; Changyud Kritsunankul; Jaroon Jakmunee

P115 PDMS microchip with chemiluminescence detection for investigation of metal ion-polymer binding, Prawpan Inpota; Panya Sunintaboon; Wutthinan Jeamsaksiri; Witsaroot Sripumkhai; Duangjai Nacapricha; Prapin Wilairat; Rattikan Chantiwas

P116 Spectrophotometric flow injection system for determination of ethanol using dissociation of methyl orange, Montatip Sinpun; Panuwat Chankaw; Duangjai nacapricha; Nuanlaor Ratanawimarnwong

P117 Quantitation of sulphite in wine by using membraneless vaporization flow system, Nattapong Chantipmanee; Waleed Alahmad; Thitaporn Sonsa-ard; Kanchana Uraisin; Nuanlaor Ratanawimarnwong; Thitirat Mantim; Duangjai Nacapricha

P118 Flow based-extraction with gas chromatography for determination of volatile fatty acids in wastewater from palm oil mill factory, Pattamaporn Phooppraintra; Thapanee Pruksatrakul; Pimchai Chaiyen; Prapin Wilairat; Rattikan Chantiwas

P119 Sample preparation for sugars analysis in cane molasses using dialysis technique, Suthasinee Boonchiangma; Saksit Chanthai; Supalax Srijaranai

P120 Down scaling chemical analysis using SI-LAV for simultaneous determination of glucose, albumin, creatinine and chemicals kinetic study, Kanokwan Kiwfo; Wasin Wongwilai; Tadao Sakai; Norio Teshima; Kate Grudpan

Pure and Applied Chemistry International Conference 2017

Centra Government Complex Hotel & Convention Center Chaeng Watthana (Bangkok, Thailand) 2017 年 2 月 2, 3 日

ID430 The application of the mobile phone as the detector for flow-based titrimetric analysis, Miki Kanna; Janejira Chanla; Sarawut Somnam

ID3239 Synthesis polypyrrole doped with hydroquinone monosulfonate as a pH sensor for flow injection potentiometric titration, Akekachai Sakuludomsak; Walaiporn Prissanaroon-Ouajai, Chatchalida Boonpanaid

ID2009 Development of flow injection analysis with colorimetric detector for dual antioxidant assays, Nantaya Manthong; Sumonmarn Chaneam

ID3118 Utilization of orchid extract for determination of copper (II) ion using flow injection analysis system, Petcharat Sirisakwisut; Thanikarn Sukaram; Sumonmarn Chaneam

ID3223 Continuous flow analysis of ammonia using gas diffusion and polypyrrole-modified electrode Jarita Klunghirun; Walaiporn Prissanaroon-Ouajai; Chatchalida Boonpanaid

ID3096 Effect of distribution of the electric charge density in the viscoelastic fluid towards the micro-channel flow in

membrane context, Boonyong Punantapong; Martin Ansell

ID3266 Development of a gas diffusion unit incorporating to flow injection analysis for determination of total cyanide in plant extract, Thanatcha Chaida; Nidthida Archeepsudjarit, Nipawan Thadkat, Arunporn Itharat, Napaporn Youngvises

第 77 回分析化学討論会

龍谷大（京都市）2017 年 5 月 27，28 日

C1014 アクロレインガスのフローインジェクション蛍光分析（愛知工大）手嶋紀雄，鈴木結貴，山口尚彦，村上博哉，酒井忠雄

C1015 連続流れ分析法の検量線の直線性の検証（海水栄養塩を例として）（産総研）チョン千香子，三浦勉，日置昭治

C1017 多成分測定のためのコンピュータ制御モバイル化学分析法（Brawijaya Univ. Dept.Chem.，高知大，MGC JAPAN，岡山大，岡山大インキュベータ，岡山大院自然，山梨大生命環境，山梨大院医工）Hakim, Lukman，樋口慶郎，本水昌二，金田隆，鈴木保任，川久保進

C1018 有機ラジカルイオンの吸収スペクトル検出を目的としたフロー電気化学発光の基礎検討（九大院工）石松亮一，田代修也，中野幸二，今任稔彦

Y1053 ハイスループット滴定（43 滴定／分）を可能にするフィードバック／固定三角波制御フローレイショメトリー（徳島大院薬，徳島大薬）柿内直哉，宮崎愛子，竹内政樹，田中秀治

- 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。