

[Back to Results](#)ISI Web of Knowledge
Page 1 (Articles 1 -- 100)
◀ [1 | 2] ▶[Print This Page](#)**Record 1 of 121****Author(s):** Quintana, JB (Benito Quintana, Jose); Boonjob, W (Boonjob, Warunya); Miro, M (Miro, Manuel); Cerda, V (Cerda, Victor)**Title:** Online Coupling of Bead Injection Lab-On-Valve Analysis to Gas Chromatography: Application to the Determination of Trace Levels of Polychlorinated Biphenyls in Solid Waste Leachates**Source:** ANALYTICAL CHEMISTRY, 81 (12): 4822-4830 JUN 15 2009**ISSN:** 0003-2700**DOI:** 10.1021/ac900409u**Record 2 of 121****Author(s):** Zagatto, EAG (Zagatto, E. A. G.); Carneiro, JMT (Carneiro, J. M. T.); Vicente, S (Vicente, S.); Fortes, PR (Fortes, P. R.); Santos, JLM (Santos, J. L. M.); Lima, JLFC (Lima, J. L. F. C.)**Title:** Mixing chambers in flow analysis: A review**Source:** JOURNAL OF ANALYTICAL CHEMISTRY, 64 (5): 524-532 MAY 2009**ISSN:** 1061-9348**DOI:** 10.1134/S1061934809050165**Record 3 of 121****Author(s):** Llorent-Martinez, EJ (Llorent-Martinez, E. J.); Ortega-Barrales, P (Ortega-Barrales, P.); de Cordova, MLF (de Cordova, M. L. Fernandez); Ruiz-Medina, A (Ruiz-Medina, A.)**Title:** Development of an automated chemiluminescence flow-through sensor for the determination of 5-aminosalicylic acid in pharmaceuticals: a comparative study between sequential and multicommutated flow techniques**Source:** ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 394 (3): 845-853 JUN 2009**ISSN:** 1618-2642**DOI:** 10.1007/s00216-009-2757-1**Record 4 of 121****Author(s):** Vidigal, SSMP (Vidigal, Susana S. M. P.); Toth, IV (Toth, Ildiko V.); Rangel, AOSS (Rangel, Antonio O. S. S.)**Title:** Sequential injection lab-on-valve system for the on-line monitoring of hydrogen peroxide in lens care solutions**Source:** MICROCHEMICAL JOURNAL, 91 (2): 197-201 MAR 2009**ISSN:** 0026-265X**DOI:** 10.1016/j.microc.2008.10.007**Record 5 of 121****Author(s):** Lee, PL (Lee, Pei-Ling); Sun, YC (Sun, Yuh-Chang); Ling, YC (Ling, Yong-Chien)**Title:** Magnetic nano-adsorbent integrated with lab-on-valve system for trace analysis of multiple heavy metals**Source:** JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 24 (3): 320-327 2009**ISSN:** 0267-9477**DOI:** 10.1039/b814164a**Record 6 of 121****Author(s):** Chen, XW (Chen Xu-Wei); Jiao, J (Jiao Jiao); Wang, JH (Wang Jian-Hua)**Title:** Investigations on the Determination of Proteins in a Meso-fluidic Lab-on-valve System**Source:** CHINESE JOURNAL OF ANALYTICAL CHEMISTRY, 36 (12): 1601-1605 DEC 2008**ISSN:** 0253-3820**Record 7 of 121****Author(s):** Anthemidis, AN (Anthemidis, Aristidis N.); Miro, M (Miro, Manuel)**Title:** Recent Developments in Flow Injection/Sequential Injection Liquid-Liquid Extraction for Atomic Spectrometric Determination of Metals and Metalloids**Source:** APPLIED SPECTROSCOPY REVIEWS, 44 (2): 140-167 2009**ISSN:** 0570-4928**DOI:** 10.1080/05704920802352598**Record 8 of 121****Author(s):** Wang, Y (Wang, Yang); Liu, ZQ (Liu, Zaiqing); Hu, XY (Hu, Xiaoya); Cao, JL (Cao, Jinglian); Wang, F (Wang, Fei); Xu, Q (Xu, Qin); Yang, C (Yang, Chun)**Title:** On-line coupling of sequential injection lab-on-valve to differential pulse anodic stripping voltammetry for determination of Pb in water samples**Source:** TALANTA, 77 (3): 1203-1207 JAN 15 2009

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2008.08.033

Record 9 of 121

Author(s): Chen, XW (Chen, Xu-Wei); Zou, AM (Zou, Ai-Mei); Chen, ML (Chen, Ming-Li); Wang, JH (Wang, Jian-Hua); Dasgupta, PK (Dasgupta, Purnendu K.)

Title: Live HeLa Cells Preconcentrate and Differentiate Inorganic Arsenic Species

Source: ANALYTICAL CHEMISTRY, 81 (3): 1291-1296 FEB 1 2009

ISSN: 0003-2700

DOI: 10.1021/ac802475b

Record 10 of 121

Author(s): Amorima, CG (Amorima, C. G.); Araujo, AN (Araujo, A. N.); Montenegro, MCBSM (Montenegro, M. C. B. S. M.); Silva, VL (Silva, V. L.)

Title: Cyclodextrin-based potentiometric sensors for midazolam and diazepam

Source: JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, 48 (4): 1064-1069 DEC 1 2008

ISSN: 0731-7085

DOI: 10.1016/j.jpba.2008.08.012

Record 11 of 121

Author(s): Chen, ML (Chen, Mingli); Yang, T (Yang, Ting); Wang, JH (Wang, Jianhua)

Title: Precipitate coating on cellulose fibre as sorption medium for selenium preconcentration and speciation with hydride generation atomic fluorescence spectrometry

Source: ANALYTICA CHIMICA ACTA, 631 (1): 74-79 JAN 5 2009

ISSN: 0003-2670

DOI: 10.1016/j.aca.2008.10.019

Record 12 of 121

Author(s): Vidigal, SSMP (Vidigal, Susana S. M. P.); Toth, IV (Toth, Ildiko V.); Rangel, AOSS (Rangel, Antonio O. S. S.)

Title: Sequential injection-LOV format for peak height and kinetic measurement modes in the spectrophotometric enzymatic determination of ethanol: Application to different alcoholic beverages

Source: TALANTA, 77 (2): 494-499 DEC 15 2008

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2008.03.034

Record 13 of 121

Author(s): Miro, M (Miro, Manuel); Hartwell, SK (Hartwell, Suporn Kradtap); Jakmunee, J (Jakmunee, Jaroon); Grudpan, K (Grudpan, Kate); Hansen, EH (Hansen, Elo Harald)

Title: Recent developments in automatic solid-phase extraction with renewable surfaces exploiting flow-based approaches

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 27 (9): 749-761 OCT 2008

ISSN: 0165-9936

DOI: 10.1016/j.trac.2008.07.003

Record 14 of 121

Author(s): Chen, XW (Chen, Xu-Wei); Chen, ML (Chen, Ming-Li); Chen, SA (Chen, Shuai); Wang, JH (Wang, Jian-Hua)

Title: Flow-based analysis: a versatile, powerful platform for DNA assays

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 27 (9): 762-770 OCT 2008

ISSN: 0165-9936

DOI: 10.1016/j.trac.2008.07.005

Record 15 of 121

Author(s): Sanchez, BA (Alvarez Sanchez, B.); Capote, FP (Priego Capote, F.); Jimenez, JR (Ruiz Jimenez, J.); de Castro, MDL (Luque de Castro, M. D.)

Title: Automated solid-phase extraction for concentration and clean-up of female steroid hormones prior to liquid chromatography-electrospray ionization-tandem mass spectrometry: An approach to lipidomics

Source: JOURNAL OF CHROMATOGRAPHY A, 1207 (1-2): 46-54 OCT 17 2008

ISSN: 0021-9673

DOI: 10.1016/j.chroma.2008.08.085

Record 16 of 121

Author(s): Dias, ACB (Dias, A. C. B.); Figueiredo, EC (Figueiredo, E. C.); Grassi, V (Grassi, V.); Zagatto, EAG (Zagatto, E. A. G.); Arruda, MAZ (Arruda, M. A. Z.)

Title: Molecularly imprinted polymer as a solid phase extractor in flow analysis

Source: TALANTA, 76 (5): 988-996 SEP 15 2008

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2008.05.040

Record 17 of 121

Author(s): Sakai, T (Sakai, Tadao); Teshima, N (Teshima, Norio)

Title: Advancement of flow-based analysis with alternative chemical reactions and new devices for environmental and biological samples

Source: ANALYTICAL SCIENCES, 24 (7): 855-864 JUL 2008

ISSN: 0910-6340

Record 18 of 121

Author(s): Ruzicka, J (Ruzicka, Jaromir); Hansen, EH (Hansen, Elo Harald)

Title: Retro-review of flow-injection analysis

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 27 (5): 390-393 MAY 2008

ISSN: 0165-9936

DOI: 10.1016/j.trac.2008.03.004

Record 19 of 121

Author(s): Horstkotte, B (Horstkotte, Burkhard); Elsholz, O (Elsholz, Olaf); Martin, VC (Martin, Victor Cerda)

Title: Multisyringe flow injection analysis coupled to capillary electrophoresis (MSFIA-CE) as a novel analytical tool applied to the pre-concentration, separation and determination of nitrophenols

Source: TALANTA, 76 (1): 72-79 JUN 30 2008

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2008.02.014

Record 20 of 121

Author(s): Hansen, EH (Hansen, Elo Harald); Miro, M (Miro, Manuel)

Title: Interfacing microfluidic handling with spectroscopic detection for real-life applications via the lab-on-valve platform: A review

Source: APPLIED SPECTROSCOPY REVIEWS, 43 (4): 335-357 JUL-AUG 2008

ISSN: 0570-4928

DOI: 10.1080/05704920802031366

Record 21 of 121

Author(s): Chen, ML (Chen, Ming-Li); Tian, Y (Tian, Yong); Wang, JH (Wang, Jian-Hua)

Title: Integrating preconcentration, tetrahydroborate immobilization, elution and chemical vapor generation onto a cellulose surface for the determination of cadmium with atomic fluorescence spectrometry

Source: JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 23 (6): 876-880 2008

ISSN: 0267-9477

DOI: 10.1039/b802595a

Record 22 of 121

Author(s): de Castro, MDL (de Castro, M. D. Luque); Ruiz-Jimenez, J (Ruiz-Jimenez, J.); Perez-Serradilla, JA (Perez-Serradilla, J. A.)

Title: Lab-on-valve: a useful tool in biochemical analysis

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 27 (2): 118-126 FEB 2008

ISSN: 0165-9936

DOI: 10.1016/j.trac.2008.01.004

Record 23 of 121

Author(s): Yu, YL (Yu, Yong-Liang); Du, Z (Du, Zhuo); Chen, ML (Chen, Ming-Li); Wang, JH (Wang, Jian-Hua)

Title: A miniature lab-on-valve atomic fluorescence spectrometer integrating a dielectric barrier discharge atomizer demonstrated for arsenic analysis

Source: JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 23 (4): 493-499 2008

ISSN: 0267-9477

DOI: 10.1039/b718977j

Record 24 of 121

Author(s): Xie, FZ (Xie, Fazhi); Lin, XC (Lin, Xucong); Wu, XP (Wu, Xiaoping); Xie, ZH (Xie, Zenghong)

Title: Solid phase extraction of lead (II), copper (II), cadmium (II) and nickel (II) using gallic acid-modified silica gel prior to determination by flame atomic absorption spectrometry

Source: TALANTA, 74 (4): 836-843 JAN 15 2008

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2007.07.018

Record 25 of 121

Author(s): Jimenez, JR (Jimenez, Jose Ruiz); de Castro, MDL (de Castro, Maria D. Luque)

Title: Lab-on-valve for the automatic determination of the total content and individual profiles of linear alkylbenzene sulfonates in water samples

Source: ELECTROPHORESIS, 29 (3): 590-596 FEB 2008

ISSN: 0173-0835

DOI: 10.1002/elps.200700361

Record 26 of 121

Author(s): Amorim, CG (Amorim, C. G.); Araujo, AN (Araujo, A. N.); Montenegro, MCBM (Montenegro, M. C. B. S. M.); Silva, VL (Silva, V. L.)

Title: Sequential injection lab-on-valve procedure for the determination of amantadine using potentiometric methods

Source: ELECTROANALYSIS, 19 (21): 2227-2233 NOV 2007

ISSN: 1040-0397

DOI: 10.1002/elan.200703973

Record 27 of 121

Author(s): Chen, XW (Chen, Xu-Wei); Wang, JH (Wang, Jian-Hua)

Title: The miniaturization of bioanalytical assays and sample pretreatments by exploiting meso-fluidic lab-on-valve configurations: A review

Source: ANALYTICA CHIMICA ACTA, 602 (2): 173-180 OCT 29 2007

ISSN: 0003-2670

DOI: 10.1016/j.aca.2007.09.019

Record 28 of 121

Author(s): Economou, A (Economou, Anastasios); Tzanavaras, PD (Tzanavaras, Paraskevas D.); Themelis, DG (Themelis, Demetrius G.)

Title: Sequential-injection analysis: A useful tool for clinical and biochemical analysis

Source: CURRENT PHARMACEUTICAL ANALYSIS, 3 (4): 249-261 NOV 2007

ISSN: 1573-4129

Record 29 of 121

Author(s): Chen, ML (Chen, Ming-Li); Zou, AM (Zou, Ai-Mei); Yu, YL (Yu, Yong-Liang); He, RH (He, Rong-Huan)

Title: Hyphenation of flow injection/sequential injection with chemical hydride/vapor generation atomic fluorescence spectrometry

Source: TALANTA, 73 (4): 599-605 OCT 15 2007

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2007.04.037

Record 30 of 121

Author(s): Burguera, M (Burguera, Marcela); Burguera, JL (Burguera, Jose Luis)

Title: On-line electrothermal atomic absorption spectrometry configurations: recent developments and trends

Source: SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, 62 (9): 884-896 Sp. Iss. SI SEP 2007

ISSN: 0584-8547

DOI: 10.1016/j.sab.2006.12.011

Record 31 of 121

Author(s): Yang, M (Yang, Mei); Li, JX (Li, Jin-Xiang); Wang, JH (Wang, Jian-Hua)

Title: Field speciation of chromium with a sequential injection lab-on-valve incorporating a bismuthate immobilized micro-column

Source: TALANTA, 72 (5): 1710-1716 JUL 31 2007

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2007.01.020

Record 32 of 121

Author(s): Lahdesmaki, I (Lahdesmaeki, Ilkka); Park, YK (Park, Young K.); Carroll, AD (Carroll, Andrea D.); Decuir, M (Decuir, Michael); Ruzicka, J (Ruzicka, Jaromir)

Title: In-situ monitoring of H₂O₂ degradation by live cells using voltammetric detection in a lab-on-valve system

Source: ANALYST, 132 (8): 811-817 2007

ISSN: 0003-2654

DOI: 10.1039/b704188h

Record 33 of 121

Author(s): Decuir, M (Decuir, Michael); Lahdesmaki, I (Laehdesmaeki, Ilkka); Carroll, AD (Carroll, Andrea D.); Ruzicka, J (Ruzicka, Jaromir)
Title: Automated capture and on-column detection of biotinylated DNA on a disposable solid support
Source: ANALYST, 132 (8): 818-822 2007
ISSN: 0003-2654
DOI: 10.1039/b705617f

Record 34 of 121

Author(s): Pyrzynska, K (Pyrzynska, Krystyna); Kilian, K (Kilian, Krzysztof)
Title: On-line sorption-based systems for determination of cadmium with atomic spectrometry detectors
Source: WATER RESEARCH, 41 (13): 2839-2851 JUL 2007
ISSN: 0043-1354
DOI: 10.1016/j.watres.2007.03.016

Record 35 of 121

Author(s): Yu, YL (Yu, Yong-Liang); Du, Z (Du, Zhuo); Chen, ML (Chen, Ming-Li); Wang, JH (Wang, Jian-Hua)
Title: Coating of a thin layer of NaBH₄ solution for mercury vapor generation coupled to atomic fluorescence spectrometry
Source: JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 22 (7): 800-806 2007
ISSN: 0267-9477
DOI: 10.1039/b704149g

Record 36 of 121

Author(s): Amorim, CG (Amorim, C. G.); Araujo, AN (Araujo, A. N.); Montenegro, MCBSM (Montenegro, M. C. B. S. M.)
Title: Exploiting sequential injection analysis with lab-on-valve and miniaturized potentiometric detection - Epinephrine determination in pharmaceutical products
Source: TALANTA, 72 (4): 1255-1260 JUN 15 2007
ISSN: 0039-9140
DOI: 10.1016/j.talanta.2007.01.070

Record 37 of 121

Author(s): Yu, YL (Yu, Yong-Liang); Du, Z (Du, Zhuo); Wang, JH (Wang, Jian-Hua)
Title: The development of a miniature atomic fluorescence spectrometric system in a lab-on-valve for mercury determination
Source: JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 22 (6): 650-656 2007
ISSN: 0267-9477
DOI: 10.1080/b700590c

Record 38 of 121

Author(s): Wang, Y (Wang, Yang); Chen, ML (Chen, Ming-Li); Wang, JH (Wang, Jian-Hua)
Title: New developments in flow injection/sequential injection on-line separation and preconcentration coupled with electrothermal atomic absorption spectrometry for trace metal analysis
Source: APPLIED SPECTROSCOPY REVIEWS, 42 (2): 103-118 2007
ISSN: 0570-4928
DOI: 10.1080/05704920601184242

Record 39 of 121

Author(s): Chen, XW (Chen, Xu-Wei); Xu, ZR (Xu, Zhang-Run); Qu, BY (Qu, Bai-Yan); Wu, YF (Wu, Ye-Feng); Zhou, J (Zhou, Jing); Zhang, HD (Zhang, Hui-Dan); Fang, J (Fang, Jin); Wang, JH (Wang, Jian-Hua)
Title: DNA purification on a lab-on-valve system incorporating a renewable microcolumn with in situ monitoring by laser-induced fluorescence
Source: ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 388 (1): 157-163 MAY 2007
ISSN: 1618-2642
DOI: 10.1007/s00216-007-1196-0

Record 40 of 121

Author(s): Theodoridis, GA (Theodoridis, Georgios A.); Zacharis, CK (Zacharis, Constantinos K.); Voulgaropoulos, AN (Voulgaropoulos, Anastasios N.)
Title: Automated sample treatment by flow techniques prior to liquid-phase separations
Source: JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS, 70 (2): 243-252 MAR 10 2007
ISSN: 0165-022X
DOI: 10.1016/j.jbbm.2006.08.013

Record 41 of 121

Author(s): Hansen, EH (Hansen, Elo Harald); Miro, M (Miro, Manuel)

Title: How flow-injection analysis (FIA) over the past 25 years has changed our way of performing chemical analyses

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 26 (1): 18-26 JAN 2007

ISSN: 0165-9936

DOI: 10.1016/j.trac.2006.07.010

Record 42 of 121

Author(s): Kikas, T (Kikas, Timo); Ivaska, A (Ivaska, Ari)

Title: Potentiometric measurements in sequential injection analysis lab-on-valve (SIA-LOV) flow-system

Source: TALANTA, 71 (1): 160-164 JAN 15 2007

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2006.03.049

Record 43 of 121

Author(s): Long, XB (Long, Xiangbao); Miro, M (Miro, Manuel); Hansen, EH (Hansen, Elo Harald)

Title: An automatic Micro-sequential injection bead injection lab-on-valve (mu SI-BI-LOV) assembly for speciation analysis of ultra trace levels of Cr(III) and Cr(VI) incorporating on-line chemical reduction and employing detection by electrothermal atomic absorption spectrometry (ETAAS) (vol 20, pg 1203, 2005)

Source: JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 22 (2): 222-222 2007

ISSN: 0267-9477

DOI: 10.1039/b508178e

Record 44 of 121

Author(s): Wang, Y (Wang, Yang); Wang, JH (Wang Jianhua)

Title: An octadecyl immobilized silica beads packed microcolumn versus polytetrafluoroethylene knotted reactor for Cd(OH)(2) precipitate collection coupled to electrothermal atomic absorption spectrometry for cadmium screening

Source: CHINESE JOURNAL OF ANALYTICAL CHEMISTRY, 34 (8): 1078-1082 AUG 2006

ISSN: 0253-3820

Record 45 of 121

Author(s): Long, XB (Long, Xiangbao); Miro, M (Miro, Manuel); Hansen, EH (Hansen, Elo Harald); Estela, JM (Manuel Estela, Jose); Cerda, V (Cerda, Victor)

Title: Hyphenating multisyringe flow injection lab-on-valve analysis with atomic fluorescence spectrometry for on-line bead injection preconcentration and determination of trace levels of hydride-forming elements in environmental samples

Source: ANALYTICAL CHEMISTRY, 78 (24): 8290-8298 DEC 15 2006

ISSN: 0003-2700

DOI: 10.1021/ac061278y

Record 46 of 121

Author(s): Chailapakul, O (Chailapakul, Orawon); Ngamukot, P (Ngamukot, Passapol); Yoosamran, A (Yoosamran, Alongkorn); Siangproh, W (Siangproh, Weena); Wangfuengkanagul, N (Wangfuengkanagul, Nattakarn)

Title: Recent electrochemical and optical sensors in flow-based analysis

Source: SENSORS, 6 (10): 1383-1410 OCT 2006

ISSN: 1424-8220

Record 47 of 121

Author(s): Ohno, S (Ohno, Shinsuke)

Title: Studies on spectrophotometric analysis for ultratrace amounts of metal ions coupled with catalytic reactions and flow-based techniques

Source: BUNSEKI KAGAKU, 55 (10): 809-810 OCT 2006

ISSN: 0525-1931

Record 48 of 121

Author(s): Leelasattarathkul, T (Leelasattarathkul, Tapparath); Liawruangrath, S (Liawruangrath, Saisunee); Rayanakorn, M (Rayanakorn, Mongkon); Oungpipat, W (Oungpipat, Winai); Liawruangrath, B (Liawruangrath, Boonsom)

Title: The development of sequential injection analysis coupled with lab-on-valve for copper determination

Source: TALANTA, 70 (3): 656-660 OCT 15 2006

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2006.03.047

Record 49 of 121

Author(s): Long, XB (Long, Xiangbao); Miro, M (Miro, Manuel); Jensen, R (Jensen, Rikard); Hansen, EH (Hansen, Elo Harald)

Title: Highly selective micro-sequential injection lab-on-valve (mu SI-LOV) method for the determination of ultra-trace concentrations of nickel in saline matrices using detection by electrothermal atomic absorption spectrometry

Source: ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 386 (3): 739-748 OCT 2006

ISSN: 1618-2642

DOI: 10.1007/s00216-006-0467-5

Record 50 of 121

Author(s): Yang, M (Yang, Mei); Xu, Y (Xu, Ying); Wang, JH (Wang, Jian-Hua)

Title: Lab-on-valve system integrating a chemiluminescent entity and in situ generation of nascent bromine as oxidant for chemiluminescent determination of tetracycline

Source: ANALYTICAL CHEMISTRY, 78 (16): 5900-5905 AUG 15 2006

ISSN: 0003-2700

DOI: 10.1021/ac060742w

Record 51 of 121

Author(s): Ruzicka, J; Carroll, AD; Lahdesmaki, I

Title: Immobilization of proteins on agarose beads, monitored in real time by bead injection spectroscopy

Source: ANALYST, 131 (7): 799-808 2006

ISSN: 0003-2654

DOI: 10.1039/b603768b

Record 52 of 121

Author(s): Gutzman, Y; Carroll, AD; Ruzicka, J

Title: Bead injection for biomolecular assays: Affinity chromatography enhanced by bead injection spectroscopy

Source: ANALYST, 131 (7): 809-815 2006

ISSN: 0003-2654

DOI: 10.1039/b605112j

Record 53 of 121

Author(s): Hansen, EH; Miro, M; Long, XB; Petersen, R

Title: Recent developments in automated determinations of trace level concentrations of elements and on-line fractionation schemes exploiting the micro-sequential injection - Lab-on-valve approach

Source: ANALYTICAL LETTERS, 39 (7): 1243-1259 2006

ISSN: 0003-2719

DOI: 10.1080/00032710600665943

Record 54 of 121

Author(s): Wang, Y; Chen, ML; Wang, JH

Title: Sequential/bead injection lab-on-valve incorporating a renewable microcolumn for co-precipitate preconcentration of cadmium coupled to hydride generation atomic fluorescence spectrometry

Source: JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 21 (5): 535-538 MAY 2006

ISSN: 0267-9477

DOI: 10.1039/b601039c

Record 55 of 121

Author(s): Miro, M; Hansen, EH; Buanam, D

Title: The potentials of the third generation of flow injection analysis for nutrient monitoring and fractionation analysis

Source: ENVIRONMENTAL CHEMISTRY, 3 (1): 26-30 2006

ISSN: 1448-2517

DOI: 10.1071/EN05092

Record 56 of 121

Author(s): Quintana, JB; Miro, M; Estela, JM; Cerda, V

Title: Automated on-line renewable solid-phase extraction-liquid chromatography exploiting multisyringe flow injection-bead injection lab-on-valve analysis

Source: ANALYTICAL CHEMISTRY, 78 (8): 2832-2840 APR 15 2006

ISSN: 0003-2700

DOI: 10.1021/ac052256z

Record 57 of 121

Author(s): Yuan, SG; DeGrandpre, M

Title: Comparison between two detection systems for fiber-optic chemical sensor applications

Source: APPLIED SPECTROSCOPY, 60 (4): 465-470 APR 2006

ISSN: 0003-7028

Record 58 of 121

Author(s): Miro, M; Hansen, EH

Title: Solid reactors in sequential injection analysis: recent trends in the environmental field

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 25 (3): 267-281 MAR 2006

ISSN: 0165-9936

DOI: 10.1016/j.trac.2005.09.005

Record 59 of 121

Author(s): Edwards, KA; Baeumner, AJ

Title: Sequential injection analysis system for the sandwich hybridization-based detection of nucleic acids

Source: ANALYTICAL CHEMISTRY, 78 (6): 1958-1966 MAR 15 2006

ISSN: 0003-2700

DOI: 10.1021/ac051768a

Record 60 of 121

Author(s): Ohno, S; Teshima, N; Sakai, T; Grudpan, K; Polasek, M

Title: Sequential injection lab-on-valve simultaneous spectrophotometric determination of trace amounts of copper and iron

Source: TALANTA, 68 (3): 527-534 JAN 15 2006

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2005.04.073

Record 61 of 121

Author(s): Pimenta, AM; Montenegro, MCBSM; Araujo, AN; Calatayud, JM

Title: Application of sequential injection analysis to pharmaceutical analysis

Source: JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, 40 (1): 16-34 JAN 23 2006

ISSN: 0731-7085

DOI: 10.1016/j.jpba.2005.10.006

Record 62 of 121

Author(s): Chen, Y; Carroll, AD; Scampavia, L; Ruzicka, J

Title: Automated method, based on micro-sequential injection, for the study of enzyme kinetics and inhibition

Source: ANALYTICAL SCIENCES, 22 (1): 9-14 JAN 2006

ISSN: 0910-6340

Record 63 of 121

Author(s): Burakham, R; Jakmunee, J; Grudpan, K

Title: Development of sequential injection-lab-at-valve (SI-LAV) micro-extraction instrumentation for the spectrophotometric determination of an anionic surfactant

Source: ANALYTICAL SCIENCES, 22 (1): 137-140 JAN 2006

ISSN: 0910-6340

Record 64 of 121

Author(s): Economou, A

Title: Sequential-injection analysis (SIA): A useful tool for on-line sample-handling and pre-treatment

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 24 (5): 416-425 MAY 2005

ISSN: 0165-9936

Record 65 of 121

Author(s): Ruzicka, J

Title: From beaker chemistry to programmable microfluidics

Source: COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, 70 (11): 1737-1755 2005

ISSN: 0010-0765

DOI: 10.1135/cccc20051737

Record 66 of 121

Author(s): Long, XB; Miro, M; Hansen, EH

Title: On-line dynamic extraction and automated determination of readily bioavailable hexavalent chromium in solid substrates using micro-sequential injection bead-injection lab-on-valve hyphenated with electrothermal atomic absorption spectrometry

Source: ANALYST, 131 (1): 132-140 2006

ISSN: 0003-2654

DOI: 10.1039/b512648g

Record 67 of 121

Author(s): Burakham, R; Lapanantnoppakhun, S; Jakmunee, J; Grudpan, K

Title: Exploiting sequential injection analysis with lab-at-valve (LAV) approach for on-line liquid-liquid micro-extraction spectrophotometry

Source: TALANTA, 68 (2): 416-421 DEC 15 2005

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2005.09.002

Record 68 of 121

Author(s): Long, XB; Miro, M; Hansen, EH

Title: An automatic micro-sequential injection bead injection Lab-on-Valve (mu SI-BI-LOV) assembly for speciation analysis of ultra trace levels of Cr(III) and Cr(VI) incorporating on-line chemical reduction and employing detection by electrothermal atomic absorption spectrometry (ETAAS)

Source: JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 20 (11): 1203-1211 2005

ISSN: 0267-9477

DOI: 10.1039/b508178e

Record 69 of 121

Author(s): Long, XB; Miro, M; Hansen, EH

Title: Universal approach for selective trace metal determinations via sequential injection-bead injection-lab-on-valve using renewable hydrophobic bead surfaces as reagent carriers

Source: ANALYTICAL CHEMISTRY, 77 (18): 6032-6040 SEP 15 2005

ISSN: 0003-2700

DOI: 10.1021/ac050710t

Record 70 of 121

Author(s): Erxleben, H; Ruzicka, J

Title: Atomic absorption spectroscopy for mercury, automated by sequential injection and miniaturized in lab-on-valve system

Source: ANALYTICAL CHEMISTRY, 77 (16): 5124-5128 AUG 15 2005

ISSN: 0003-2700

DOI: 10.1021/ac058007s

Record 71 of 121

Author(s): Wang, Y; Wang, JH; Fang, ZL

Title: Octadecyl immobilized surface for precipitate collection with a renewable microcolumn in a lab-on-valve coupled to an electrothermal atomic absorption spectrometer for ultratrace cadmium determination

Source: ANALYTICAL CHEMISTRY, 77 (16): 5396-5401 AUG 15 2005

ISSN: 0003-2700

DOI: 10.1021/ac050638z

Record 72 of 121

Author(s): Chen, XW; Wang, WX; Wang, JH

Title: A DNA assay protocol in a lab-on-valve meso-fluidic system with detection by laser-induced fluorescence

Source: ANALYST, 130 (9): 1240-1244 2005

ISSN: 0003-2654

DOI: 10.1039/b507921g

Record 73 of 121

Author(s): Chen, XW; Wang, JH; Fang, ZL

Title: A spectrophotometric procedure for DNA assay with a microsequential injection lab-on-valve meso-fluidic system

Source: TALANTA, 67 (1): 227-232 JUL 15 2005

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2005.02.022

Record 74 of 121

Author(s): Long, XB; Hansen, EH; Miro, M

Title: Determination of trace metal ions via on-line separation and preconcentration by means of chelating Sepharose beads in a sequential injection lab-on-valve (SI-LOV) system coupled to electrothermal atomic absorption spectrometric detection

Source: TALANTA, 66 (5): 1326-1332 JUN 15 2005

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2005.01.056

Record 75 of 121

Author(s): Hansen, EH

Title: Use of flow injection and sequential injection analysis schemes for the determination of trace-level concentrations of metals in complex matrices by ETAAS and ICPMS

Source: JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, 40 (8): 1507-1524 2005

ISSN: 1093-4529

DOI: 10.1081/ESE-200060600

Record 76 of 121

Author(s): Miro, M; Estela, JM; Cerda, V

Title: Potentials of multisyringe flow injection analysis for chemiluminescence detection

Source: ANALYTICA CHIMICA ACTA, 541 (1-2): 57-68 JUN 13 2005

ISSN: 0003-2670

DOI: 10.1016/j.aca.2004.06.075

Record 77 of 121

Author(s): Estela, JM; Cerda, V

Title: Flow analysis techniques for phosphorus: an overview

Source: TALANTA, 66 (2): 307-331 APR 15 2005

ISSN: 0039-9140

Record 78 of 121

Author(s): Hartwell, SK; Srisawang, B; Kongtawelert, P; Jakmunee, J; Grudpan, K

Title: Sequential injection-ELISA based system for online determination of hyaluronan

Source: TALANTA, 66 (2): 521-527 APR 15 2005

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2004.11.032

Record 79 of 121

Author(s): Erxleben, H; Ruzicka, J

Title: Sequential affinity chromatography miniaturized within a "lab-on-valve" system

Source: ANALYST, 130 (4): 469-471 2005

ISSN: 0003-2654

DOI: 10.1039/b501039j

Record 80 of 121

Author(s): Wang, JH

Title: Lab-on-valve mesofluidic analytical system and its perspectives as a "world-to-chip" front-end

Source: ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 381 (4): 809-811 FEB 2005

ISSN: 1618-2642

DOI: 10.1007/s00216-004-2920-7

Record 81 of 121

Author(s): Jakmunee, J; Pathimapornlert, L; Hartwell, SK; Grudpan, K

Title: Novel approach for mono-segmented flow micro-titration with sequential injection using a lab-on-valve system: a model study for the assay of acidity in fruit juices

Source: ANALYST, 130 (3): 299-303 2005

ISSN: 0003-2654

DOI: 10.1039/b413585g

Record 82 of 121

Author(s): Liu, KL

Title: Review of atomic spectroscopy

Source: SPECTROSCOPY AND SPECTRAL ANALYSIS, 25 (1): 95-103 JAN 2005

ISSN: 1000-0593

Record 83 of 121

Author(s): Wang, JH; Hansen, EH

Title: Trends and perspectives of flow injection/sequential injection on-line sample-pretreatment schemes coupled to ETAAS

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 24 (1): 1-8 JAN 2005

ISSN: 0165-9936

DOI: 10.1016/j.trac.2004.08.011

Record 84 of 121

Author(s): Jakmuneea, J; Patimapornlert, L; Suteerapataranon, S; Lenghor, N; Grudpan, K

Title: Sequential injection with lab-at-valve (LAV) approach for potentiometric determination of chloride

Source: TALANTA, 65 (3): 789-793 FEB 15 2005

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2004.08.007

Record 85 of 121

Author(s): Wang, JH; Fang, ZL

Title: The third generation of flow injection analysis: Current situation and perspectives of Lab-on-Valve scheme

Source: CHINESE JOURNAL OF ANALYTICAL CHEMISTRY, 32 (10): 1401-1406 OCT 2004

ISSN: 0253-3820

Record 86 of 121

Author(s): Hansen, EH

Title: The impact of flow injection on modern chemical analysis: has it fulfilled our expectations? And where are we going?

Source: TALANTA, 64 (5): 1076-1083 DEC 15 2004

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2004.02.043

Record 87 of 121

Author(s): Grudpan, K

Title: Some recent developments on cost-effective flow-based analysis

Source: TALANTA, 64 (5): 1084-1090 DEC 15 2004

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2004.07.046

Record 88 of 121

Author(s): Hartwell, SK; Christian, GD; Grudpan, K

Title: Bead injection with a simple flow-injection system: an economical alternative for trace analysis

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 23 (9): 619-623 OCT 2004

ISSN: 0165-9936

DOI: 10.1016/j.trac.2004.06.005

Record 89 of 121

Author(s): Long, XB; Chomchoei, R; Gala, P; Hansen, EH

Title: Evaluation of a novel PTFE material for use as a means for separation and preconcentration of trace levels of metal ions in sequential injection (SI) and sequential injection lab-on-valve (SI-LOV) systems - Determination of cadmium(II) with detection by electrothermal atomic absorption spectrometry (ETAAS)

Source: ANALYTICA CHIMICA ACTA, 523 (2): 279-286 OCT 11 2004

ISSN: 0003-2670

DOI: 10.1016/j.aca.2004.07.025

Record 90 of 121

Author(s): Miro, M; Frenzel, W

Title: A critical examination of sorbent extraction pre-concentration with spectrophotometric sensing in flowing systems

Source: TALANTA, 64 (2): 290-301 OCT 8 2004

ISSN: 0039-9140

DOI: 10.1016/j.talanta.2004.02.021

Record 91 of 121

Author(s): Zhu, HL; Chen, HW; Zhou, YL

Title: Determination of immunoglobulin G in human serum by sequential injection renewable surface fluorescence immunoassay system with a chip-based flow-through cell

Source: CHINESE JOURNAL OF ANALYTICAL CHEMISTRY, 32 (7): 841-846 JUL 2004

ISSN: 0253-3820

Record 92 of 121

Author(s): Ogata, Y; Scampavia, L; Carter, TL; Fan, E; Turecek, F

Title: Automated affinity chromatography measurements of compound mixtures using a lab-on-valve apparatus coupled to electrospray ionization mass spectrometry

Source: ANALYTICAL BIOCHEMISTRY, 331 (1): 161-168 AUG 1 2004

ISSN: 0003-2697

DOI: 10.1016/j.ab.2004.04.028

Record 93 of 121

Author(s): Hindson, BJ; Brown, SB; Marshall, GD; McBride, MT; Makarewicz, AJ; Gutierrez, DM; Wolcott, DK; Metz, TR; Madabhushi, RS; Dzenitis, JM; Colston, BW

Title: Development of an automated sample preparation module for environmental monitoring of biowarfare agents

Source: ANALYTICAL CHEMISTRY, 76 (13): 3492-3497 JUL 1 2004

ISSN: 0003-2700

Record 94 of 121

Author(s): Chen, Y; Ruzicka, J

Title: Accelerated micro-sequential injection in lab-on-valve format, applied to enzymatic assays

Source: ANALYST, 129 (7): 597-601 2004

ISSN: 0003-2654

DOI: 10.1039/b401831a

Record 95 of 121

Author(s): Toda, K

Title: Development of miniature key devices for flow analysis and their applications

Source: BUNSEKI KAGAKU, 53 (4): 207-219 APR 2004

ISSN: 0525-1931

Record 96 of 121

Author(s): Hansen, EH; Wang, JH

Title: The three generations of flow injection analysis

Source: ANALYTICAL LETTERS, 37 (3): 345-359 FEB 2004

ISSN: 0003-2719

DOI: 10.1081/AL-120029894

Record 97 of 121

Author(s): Nishihama, S; Yoshizuka, K; Scampavia, L; Ruzicka, J

Title: Optimization of micro sequential injection analysis

Source: BUNSEKI KAGAKU, 52 (12): 1187-1192 DEC 2003

ISSN: 0525-1931

Record 98 of 121

Author(s): Karthikeyan, S; Hashigaya, S; Kajiya, T; Hirata, S

Title: Determination of trace amounts of phosphate by flow-injection photometry

Source: ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 378 (7): 1842-1846 APR 2004

ISSN: 1618-2642

DOI: 10.1007/s00216-004-2501-9

Record 99 of 121

Author(s): Solich, P; Polasek, M; Klimundova, J; Ruzicka, J

Title: Sequential injection technique applied to pharmaceutical analysis

Source: TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 23 (2): 116-126 FEB 2004

ISSN: 0165-9936

DOI: 10.1016/S0165-9936(04)00304-8

Record 100 of 121

Author(s): Erxleben, HA; Manion, MK; Hockenbery, DM; Scampavia, L; Ruzicka, J

Title: A novel approach for monitoring extracellular acidification rates: based on bead injection spectrophotometry and the lab-on-valve system

Source: ANALYST, 129 (3): 205-212 2004

ISSN: 0003-2654

DOI: 10.1039/b315007k

[Back to Results](#)

ISI Web of Knowledge
Page 1 (Articles 1 -- 100)
◀ [1 | 2] ▶

[Print This Page](#)

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Record 101 of 121**Author(s):** Miro, M; Frenzel, W**Title:** Flow-through sorptive preconcentration with direct optosensing at solid surfaces for trace-ion analysis**Source:** TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 23 (1): 11-20 JAN 2004**ISSN:** 0165-9936**DOI:** 10.1016/S0165-9936(04)00107-4**Record 102 of 121****Author(s):** Wang, JH; Hansen, EH**Title:** On-line sample-pre-treatment schemes for trace-level determinations of metals by coupling flow injection or sequential injection with ICP-MS**Source:** TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 22 (11): 836-846 DEC 2003**ISSN:** 0165-9936**DOI:** 10.1016/S0165-9936(03)01207-X**Record 103 of 121****Author(s):** Wang, JH; Hansen, EH; Miro, M**Title:** Sequential injection-bead injection-lab-on-valve schemes for on-line solid phase extraction and preconcentration of ultra-trace levels of heavy metals with determination by electrothermal atomic absorption spectrometry and inductively coupled plasma mass spectrometry**Source:** ANALYTICA CHIMICA ACTA, 499 (1-2): 139-147 DEC 4 2003**ISSN:** 0003-2670**DOI:** 10.1016/S0003-2670(03)00509-9**Record 104 of 121****Author(s):** Ampan, P; Ruzicka, J; Atallah, R; Christian, GD; Jakmunee, J; Grudpan, K**Title:** Exploiting sequential injection analysis with bead injection and lab-on-valve for determination of lead using electrothermal atomic absorption spectrometry**Source:** ANALYTICA CHIMICA ACTA, 499 (1-2): 167-172 DEC 4 2003**ISSN:** 0003-2670**DOI:** 10.1016/j.aca.2003.08.030**Record 105 of 121****Author(s):** Wu, CH; Scampavia, L; Ruzicka, J**Title:** Micro sequential injection: automated insulin derivatization and separation using a lab-on-valve capillary electrophoresis system**Source:** ANALYST, 128 (9): 1123-1130 2003**ISSN:** 0003-2654**DOI:** 10.1039/b301622f**Record 106 of 121****Author(s):** Carroll, AD; Scampavia, L; Luo, D; Lernmark, A; Ruzicka, J**Title:** Bead injection ELISA for the determination of antibodies implicated in type 1 diabetes mellitus**Source:** ANALYST, 128 (9): 1157-1162 2003**ISSN:** 0003-2654**DOI:** 10.1039/b302786d**Record 107 of 121****Author(s):** Wang, JH; Hansen, EH**Title:** Sequential injection lab-on-valve: the third generation of flow injection analysis**Source:** TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 22 (4): 225-231 APR 2003**ISSN:** 0165-9936**DOI:** 10.1016/S0165-9936(03)00401-1**Record 108 of 121****Author(s):** Miro, M; Jonczyk, S; Wang, JH; Hansen, EH**Title:** Exploiting the bead-injection approach in the integrated sequential injection lab-on-valve format using hydrophobic packing materials for on-line matrix removal and preconcentration of trace levels of cadmium in environmental and biological samples via formation of non-charged chelates prior to ETAAS detection**Source:** JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 18 (2): 89-98 2003

ISSN: 0267-9477

DOI: 10.1039/b212024k

Record 109 of 121

Author(s): Grudpan, K; Ampan, P; Udnan, Y; Jayasvati, S; Lapanantnoppakhun, S; Jakmunee, J; Christian, GD; Ruzicka, J

Title: Stopped-flow injection simultaneous determination of phosphate and silicate using molybdenum blue

Source: TALANTA, 58 (6): 1319-1326 DEC 6 2002

ISSN: 0039-9140

Record 110 of 121

Author(s): Schulz, CM; Scampavia, L; Ruzicka, J

Title: Real-time monitoring of lactate extrusion and glucose consumption of cultured cells using a lab-on-valve system

Source: ANALYST, 127 (12): 1583-1588 2002

ISSN: 0003-2654

DOI: 10.1039/b209371p

Record 111 of 121

Author(s): Ogata, Y; Scampavia, L; Ruzicka, J; Scott, CR; Gelb, MH; Turecek, F

Title: Automated affinity capture-release of biotin-containing conjugates using a lab-on-valve apparatus coupled to UV/visible and electrospray ionization mass Spectrometry

Source: ANALYTICAL CHEMISTRY, 74 (18): 4702-4708 SEP 15 2002

ISSN: 0003-2700

DOI: 10.1021/ac020039h

Record 112 of 121

Author(s): Schulz, CM; Ruzicka, J

Title: Real-time determination of glucose consumption by live cells using a lab-on-valve system with an integrated microbioreactor

Source: ANALYST, 127 (10): 1293-1298 2002

ISSN: 0003-2654

DOI: 10.1039/b206907p

Record 113 of 121

Author(s): Hansen, EH; Wang, JH

Title: Implementation of suitable flow injection/sequential injection-sample separation/preconcentration schemes for determination of trace metal concentrations using detection by electrothermal atomic absorption spectrometry and inductively coupled plasma mass spectrometry

Source: ANALYTICA CHIMICA ACTA, 467 (1-2): 3-12 SEP 3 2002

ISSN: 0003-2670

Record 114 of 121

Author(s): Carroll, AD; Scampavia, L; Ruzicka, J

Title: Label dilution method: a novel tool for bioligand interaction studies using bead injection in the lab-on-valve format

Source: ANALYST, 127 (9): 1228-1232 2002

ISSN: 0003-2654

DOI: 10.1039/b205898g

Record 115 of 121

Author(s): Lenehan, CE; Barnett, NW; Lewis, SW

Title: Sequential injection analysis

Source: ANALYST, 127 (8): 997-1020 2002

ISSN: 0003-2654

DOI: 10.1039/b106791p

Record 116 of 121

Author(s): Wu, CH; Scampavia, L; Ruzicka, J

Title: Microsequential injection: anion separations using 'Lab-on-Valve' coupled with capillary electrophoresis

Source: ANALYST, 127 (7): 898-905 2002

ISSN: 0003-2654

DOI: 10.1039/b202136f

Record 117 of 121**Author(s):** Wang, JH; Hansen, EH**Title:** Interfacing sequential injection on-line preconcentration using a renewable micro-column incorporated in a 'lab-on-valve' system with direct injection nebulization inductively coupled plasma mass spectrometry**Source:** JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, 16 (12): 1349-1355 2001**ISSN:** 0267-9477**DOI:** 10.1039/b105521f**Record 118 of 121****Author(s):** Wu, CH; Ruzicka, J**Title:** Micro sequential injection: environmental monitoring of nitrogen and phosphate in water using a "Lab-on-Valve" system furnished with a microcolumn**Source:** ANALYST, 126 (11): 1947-1952 2001**ISSN:** 0003-2654**Record 119 of 121****Author(s):** Wang, JH; Hansen, EH**Title:** On-line ion exchange preconcentration in a sequential injection lab-on-valve microsystem incorporating a renewable column with ETAAS for the trace level determination bismuth in urine river sediment**Source:** ATOMIC SPECTROSCOPY, 22 (3): 312-318 MAY-JUN 2001**ISSN:** 0195-5373**Record 120 of 121****Author(s):** Wu, CH; Scampavia, L; Ruzicka, J; Zamost, B**Title:** Micro sequential injection: fermentation monitoring of ammonia, glycerol, glucose, and free iron using the novel lab-on-valve system**Source:** ANALYST, 126 (3): 291-297 2001**ISSN:** 0003-2654**Record 121 of 121****Author(s):** Ruzicka, J**Title:** Lab-on-valve: universal microflow analyzer based on sequential and bead injection**Source:** ANALYST, 125 (6): 1053-1060 2000**ISSN:** 0003-2654[Back to Results](#)

ISI Web of Knowledge
Page 2 (Articles 101 -- 121)
◀ [1 | 2] ▶

[Print This Page](#)

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