

FIA Bibliography (50)

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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.

10049. FIA Bibliography (49)
Takayanagi, T.
J. Flow Injection Anal. **25**, 91-104 (2008).
10050. Mass spectrometry analysis of new chemical entities for pharmaceutical discovery
Fang, A. S.; Miao, X.; Tidswell, P. W.; Towle, M. H.; Goetzinger, W. K.; Kyranos, J. N.
Mass Spectrom. Rev. **27**, 20-34 (2008).
10051. Live cells-based cytotoxic sensorchip fabricated in a microfluidic system
Wada, K.; Taniguchi, A.; Kobayashi, J.; Yamato, M.; Okano, T.
Biotechnol. Bioeng. **99**, 1513-1517 (2008).
10052. α -Cyclodextrin-modified infrared sensing system for rapidly determining the enantiomeric composition of chiral compounds
Lee, C.-J.; Yang, J.
Talanta **74**, 1104-1112 (2008).
10053. MEMS-based fabrication and microfluidic analysis of three-dimensional perfusion systems
Choi, Y.; Vukasinovic, J.; Glezer, A.; Allen, M. G.
Biomed. Microdevices **10**, 437-446 (2008).
10054. Label-free flow-enhanced specific detection of *Bacillus anthracis* using a piezoelectric microcantilever sensor
McGovern, J.-P.; Shih, W. Y.; Rest, R.; Purohit, M.; Pandya, Y.; Shih, W.-H.
Analyst **133**, 649-654 (2008).
10055. Measuring the simultaneous effects of hypoxia and deformation on ATP release from erythrocytes
Faris, A.; Spence, D. M.
Analyst **133**, 678-682 (2008).
10056. Determination of the $^{15}\text{N}/^{14}\text{N}$, $^{17}\text{O}/^{16}\text{O}$, and $^{18}\text{O}/^{16}\text{O}$ ratios of nitrous oxide by using continuous-flow isotope-ratio mass spectrometry
Komatsu, D. D.; Ishimura, T.; Nakagawa, F.; Tsunogai, U.
Rapid Commun. Mass Sp. **22**, 1587-1596 (2008).
10057. Three-dimensional hydrodynamic focusing in a microfluidic Coulter counter
Scott, R.; Sethu, P.; Harnett, C. K.
Rev. Sci. Instrum. **79**, 046104 (2008).
10058. Speciation of antimony (III) and antimony (V) using hydride generation for meglumine antimoniate pharmaceutical formulations quality control
Cabral, L. M.; Juliano, V. N. M.; Dias, L. R. S.; Dornelas, C. B.; Rodrigues, C. R.; Villardi, M.; Castro, H. C.; Santos, T. C. D.
Mem. I. Oswaldo Cruz **103**, 130-137 (2008).
10059. Minimization of sample volume with air-segmented sample injection and the simultaneous determination of trace elements by ICP-MS
Noguchi, O.; Oshima, M.; Motomizu, S.
Anal. Sci. **24**, 631-635 (2008).
10060. Flame etching enhances the sensitivity of carbon-fiber microelectrodes
Strand, A. M.; Venton, B. J.
Anal. Chem. **80**, 3708-3715 (2008).
10061. Flow injection potentiometric assay of hexoprenaline in its pure state, pharmaceutical preparations, and biological samples
El-Nashar, R. M.
J. Autom. Method Manag. **2008** 586310 (2008).
10062. Microfluidic biochip for chemiluminescent detection of allergen-specific antibodies
Heyries, K. A.; Loughran, M. G.; Hoffmann, D.; Homsy, A.; Blum, L. J.; Marquette, C. A.
Biosens. Bioelectron. **23**, 1812-1818 (2008).
10063. Trimetazidine revisited: a comprehensive review of the pharmacological effects and analytical techniques for the determination of trimetazidine
Onay-Besikci, A.; Ozkan, S. A.
Cardiovascular therapeutics **26**, 147-165 (2008).
10064. Disposable electrochemical flow cells for catalytic adsorptive stripping voltammetry (CAAdSV) at a bismuth film electrode (BiFE)
Naseri, N. G.; Baldock, S. J.; Economou, A.; Goddard, N. J.; Fielden, P. R.
Anal. Bioanal. Chem. **391**, 1283-1292 (2008).
10065. Determination of the herbicide benfuresate by its photo-induced chemiluminescence using flow multicommunitation methodology
Albert-Garcia, J. R.; Calatayud, J. M.
Talanta **75**, 717-724 (2008).
10066. A multicommuted flow system with solenoid micro-pumps for paraquat determination in natural waters
Infante, C. M. C.; Morales-Rubio, A.; de la Guardia, M.; Rocha, F. R. P.
Talanta **75**, 1376-1381 (2008).
10067. Advancement of flow-based analysis with alternative chemical reactions and new devices for environmental and biological samples
Sakai, T.; Teshima, N.
Anal. Sci. **24**, 855-864 (2008).
10068. Flow-injection spectrophotometric determination of azithromycin in pharmaceutical formulations using *p*-chloranil in the presence of hydrogen peroxide
Rufino, J. L.; Pezza, H. R.; Pezza, L.
Anal. Sci. **24**, 871-876 (2008).
10069. Optimization of a flow injection system with amperometric detection for arsenic determination
Lolic, A.; Nikolic, S.; Mutic, J.
Anal. Sci. **24**, 877-880 (2008).
10070. Bromine determination in polymers by inductively coupled plasma-mass spectrometry and its potential for fast first screening of brominated flame retardants in polymers and paintings
Sola, V. A.; Costa-Fernandez, J. M.; Ruiz, E. J.; Pereiro, R.; Sanz-Medel, A.
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10071. Immuno-column for on-line quantification of human serum IgG antibodies to *Helicobacter pylori* in human serum samples
Molina, L.; Messina, G. A.; Stege, P. W.; Salinas, E.; Raba, J.
Talanta **76**, 1077-1082 (2008).
10072. Application of a wool column for flow injection online preconcentration of inorganic mercury(II) and methyl mercury species prior to atomic fluorescence measurement

- Tirtom, V. N.; Goulding, S.; Henden, E. *Talanta* **76**, 1212-1217 (2008).
10073. Flow-injection chemiluminescence determination of ofloxacin using the Ru(bpy)₂(CIP)²⁺-Ce(IV) system and its application
Chen, L.; Wang, X.; Zhao, H.; Wang, K.; Jin, L. *Luminescence* **23**, 309-315 (2008).
10074. Development of a sensitive flow-injection-chemiluminescence detection method for the determination of levodopa
Alam, S. M.; Karim, M. M.; Lee, S. H.; Wabaidur, S. M.; Chung, H. Y.; Choi, J. H.; Kang, M. *Luminescence* **23**, 327-332 (2008).
10075. Flow-injection method for the determination of iodide/iodine using Ru(bpy)₃³⁺-NADH chemiluminescence detection
Waseem, A.; Yaqoob, M.; Nabi, A. *Luminescence* **23**, 316-320 (2008).
10076. Determination of free cholesterol based on a novel flow-injection chemiluminescence method by immobilizing enzyme
Hu, Y.; Zhang, Z. *Luminescence* **23**, 338-343 (2008).
10077. Determination of total polyphenol content in food with the flow-injection method
Berend, S.; Grabaric, Z. *Arhiv za higijenu rada i toksikologiju* **59**, 205-212 (2008).
10078. Integrated wavelength-selective optical waveguides for microfluidic-based laser-induced fluorescence detection
Bliss, C. L.; McMullin, J. N.; Backhouse, C. J. *Lab Chip* **8**, 143-151 (2008).
10079. Biomolecular gradients in cell culture systems
Keenan, T. M.; Folch, A. *Lab Chip* **8**, 34-57 (2008).
10080. Gene transfer and protein dynamics in stem cells using single cell electroporation in a microfluidic device
Valero, A.; Post, J. N.; van Nieuwkastele, J. W.; ter Braak, P. M.; Kruijer, W.; van den Berg, A. *Lab Chip* **8**, 62-67 (2008).
10081. Ultra wide-field lens-free monitoring of cells on-chip
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10082. Fabrication and performance of poly(methyl methacrylate) microfluidic chips with fiber cores
Fan, H.; Chen, Z.; Zhang, L.; Yang, P.; Chen, G. *J. Chromatogr. A* **1179**, 224-228 (2008).
10083. Fluorescence detection of atenolol using a molecular imprinted polymer
Andreetta, H. A.; Bruzzone, L. *Anal. Lett.* **41**, 36-45 (2008).
10084. Comparison of four carbon fiber electrodes in microfluidic chip integrated with electrochemical detector
Cheng, H.; Wu, J.-H.; Chen, R.-S.; Huang, W.-H.; Wang, Z.-L.; Cheng, J.-K. *Fenxi Huaxue* **36**, 1-6 (2008).
10085. Development of integrated microfluidic chip-based bioanalyzer with laser-induced fluorescence detection
Cheng, Y.-Q.; Zhang, T.; Wang, E.; Wang, W.; Xu, G.-M.; Fang, Q. *Fenxi Huaxue* **36**, 127-131 (2008).
10086. Electropolymerization of negatively charged Ni(II) complex for the selective determination of dopamine in the presence of ascorbic acid
Xu, G.-R.; Xu, M.-L.; Zhang, J.-M.; Kim, S.; Bae, Z.-U. *Bioelectrochemistry* **72**, 87-93 (2008).
10087. Supersaturated designs: set-ups, data interpretation, and analytical applications
Dejaegher, B.; Vander Heyden, Y. *Anal. Bioanal. Chem.* **390**, 1227-1240 (2008).
10088. A new, third generation, PVC/TTF-TCNQ composite amperometric biosensor for glucose determination
Cano, M.; Luis Avila, J.; Mayen, M.; Mena, M. L.; Pingarron, J.; Rodriguez-Amaro, R. *J. Electroanal. Chem.* **615**, 69-74 (2008).
10089. Development of a lateral flow immunoassay strip for screening of sulfamonomethoxine residues
Zhang, G.; Wang, X.; Zhi, A.; Bao, Y.; Yang, Y.; Qu, M.; Luo, J.; Li, Q.; Guo, J.; Wang, Z.; Yang, J.; Xing, G.; Chai, S.; Shi, T.; Liu, Q. *Food Addit. Contam.* **25**, 413-423 (2008).
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10091. A polymer lab-on-a-chip for magnetic immunoassay with on-chip sampling and detection capabilities
Do, J.; Ahn, C. H. *Lab Chip* **8**, 542-549 (2008).
10092. Organic and inorganic selenium speciation in environmental and biological samples by nanometer-sized materials packed dual-column separation/preconcentration on-line coupled with ICP-MS
Huang, C.; Hu, B.; He, M.; Duan, J. *J. Mass Spectrom.* **43**, 336-345 (2008).
10093. Microfluidic Capillary System for Immunoaffinity Separations of C-Reactive Protein in Human Serum and Cerebrospinal Fluid
Peoples, M. C.; Karnes, H. T. *Anal. Chem.* **80**, 3853-3858 (2008).
10094. Effect of humic acids on determining polyhydroxy phenol by flow-injection chemiluminescence
Ding, B.-J.; Yang, F.-L.; Zhu, Z.-L.; Xiao, G.; Cui, L.-J. *Guangpuxue Yu Guangpu Fenxi* **28**, 530-533 (2008).
10095. Chemiluminescence determination of zolmitriptan by flow injection analysis
Shi, B.; Shi, J.; Wu, Y.-J.; Liu, F.-G.; Gong, W. *Fenxi Shiyanshi* **27**, 62-64 (2008).
10096. Rapid determination of organophosphorous pesticides by flow injection chemiluminescence method
Wang, J.; Xu, Y.-h.; Li, B.-X.; Zhang, Z.-J. *Fenxi Shiyanshi* **27**, 22-25 (2008).
10097. Determination of iron content in natural water by FIA-double beam spectrophotometry
Han, G.; Zhao, Z.; Zhang, R. *Fenxi Yiqi* **46-48** (2008).
10098. Flow-injection solid surface lanthanide-sensitized luminescence sensor for determination of p-aminobenzoic acid
Ortega-Algar, S.; Ramos-Martos, N.; Molina-Diaz, A. *Anal. Bioanal. Chem.* **391**, 715-719 (2008).
10099. Flow injection inhibitory chemiluminescence for the determination of doxycycline and oxytetracycline hydrochloride
Sun, S.-J.; Tang, Y.-H.; Xiong, F.-M.; Munire, A. *Fenxi Shiyanshi* **27**, 9-12 (2008).
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Yu, C.-L.; Tang, Y.-H.; Han, X.-N.; Sun, S.-J.; Xiong, F.-M. *Lihua Jiannan, Huaxue Fence* **44**, 86-87 (2008).
10101. Facile and sensitive determination of selenium (IV) in pharmaceutical formulations by flow injection spectrophotometry
Kumar, K. S.; Suvardhan, K.; Kang, S. H. *J. Pharm. Sci.-US* **97**, 1927-1933 (2008).

10102. Flow-injection-enhanced chemiluminescence method for the determination of four anticancer drugs
Sun, H. W.; Li, L. Q.
J. Anal. Chem. **63**, 485-491 (2008).
10103. Determination of ambroxol hydrochloride in tablets using flow-injection UV spectrophotometry and HPLC
Satana, E.; Basan, H.; Goger, N. G.
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10104. Determination of mercury in *Boletus impolitus* by flow injection-atomic absorption spectrometry
Li, T.; Wang, Y.-Z.
Guangpuxue Yu Guangpu Fenxi, **28**, 943-945 (2008).
10105. Development of the direct modification method of the ruthenium complex on conductive diamond surfaces and the selective detection of bio-related materials
Yamanaka, Y.; Miyamoto, M.; Tanaka, Y.; Nagumo, A.; Katsuki, Y.; Fukuda, Y.; Yoshimatsu, M.; Takeshige, A.; Kondo, T.; Fujishima, A.; Honda, K.
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Lemos, V. A.; Novaes, C. G.; Lima, A. da S.; Vieira, D. R.
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Microchim. Acta **161**, 169-173 (2008).
10108. Stopped-flow injection method for determination of phosphate in soils and fertilisers
Somnam, S.; Grudpan, K.; Jakmunee, J.
Maejo International Journal of Science and Technology **2**, 172-181 (2008).
10109. Spectrophotometric flow-injection analysis assay of tetracycline antibiotics using a dual light-emitting diode based detector
Masawat, P.; Liawruangrath, S.; Upalee, S.
Maejo International Journal of Science and Technology **2**, 201-209 (2008).
10110. An improved flow-injection analysis method for the determination of dissolved aluminum in seawater
Brown, M. T.; Bruland, K. W.
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10111. Preconcentration and speciation of chromium in a sequential injection system incorporating dual mini-columns coupled with electrothermal atomic absorption spectrometry
Zou, A.-M.; Tang, X.-Y.; Chen, M.-L.; Wang, J.-H.
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10115. Trace aluminum determination in biological samples after microwave digestion followed by solid phase extraction with L-methionine on controlled pore glass
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Hassouna, M. E. M.; Elsuccary, S. A. A.
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Abbas, M. N.; Amer, H. S.
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10120. Development of a novel automatic potentiometric system for determination of selenium and its application in pharmaceutical formulations and anodic slime
Kamel, A. H.; Elnaby, E. H.; Kelany, A. E.
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10121. Enzymatic in-capillary derivatization for glucose determination by electrophoresis with spectrophotometric detection
Rzygalinski, I.; Pobozy, E.; Drewnowska, R.; Trojanowicz, M.
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10125. Characterization of a titanium(IV)-porphyrin complex as a highly sensitive and selective reagent for the determination of hydrogen peroxide: a computational chemistry approach and a critical review
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Felix, F. S.; Brett, C. M. A.; Angnes, L.
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Horstkotte, B.; Elsholz, O.; Martin, V. C.
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Yang, X.-F.
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10132. Flow-injection chemiluminescence analysis of dioxopromethazine hydrochloride with nanometer microreactor
Shi, W.-B.
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10133. Flow injection chemiluminescence determination of meloxicam using potassium permanganate and formaldehyde system
Jia, B.-X.; Cao, M.-L.; Liu, C.-H.; Li, Y.-Q.; Li, K.; Qi, Y.-X.
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Wakida, S.; Masadome, T.
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10136. Development of a micro-flow type histamine sensor
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10139. Determination of metoprolol, acebutolol, and propranolol in pharmaceutical formulations using the same SIA system
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Meng, D. D.; Kim, C.-J.
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10143. Amperometric DNA quantification based on the use of peroxidase-mercaptopropionic acid-modified gold electrodes
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