

# FIA Bibliography (57)

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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.

12161. FIA Bibliography (56)  
Iida, Y.  
*J. Flow Injection Anal.* **28**, 159-166 (2011).
12162. Weak affinity ligands selection using quartz crystal microbalance biosensor: Multi-hydroxyl amine ligands for protein separation  
Cao, Q.; Yin, Y.; Quan, L.; Li, N.; Li, K.; Liu, F.  
*Anal. Chim. Acta* (2011), **703**, 250-256.
12163. UV reactor flow visualization and mixing quantification using three-dimensional laser-induced fluorescence  
Gandhi, V.; Roberts, P. J. W.; Stoesser, T.; Wright, H.; Kim, J.-H.  
*Water Research* (2011), **45**, 3855-3862.
12164. Use of epoxy-embedded electrodes to integrate electrochemical detection with microchip-based analysis systems  
Selimovic, A.; Johnson, A. S.; Kiss, I. Z.; Martin, R. S.  
*Electrophoresis* (2011), **32**, 822-831.
12165. Ultrasensitive chemiluminescence detection of indoleacetic acid catalyzed by silver nanoparticles  
Liu, W.; Liu, W.; Mu, X.; Gong, P.; Cao, W.  
*Adv. Mat. Res.* (2011), 306-307
12166. Ultrafast surface enhanced resonance raman scattering detection in droplet-based microfluidic systems  
Cecchini, M. P.; Hong, J.; Lim, C.; Choo, J.; Albrecht, T.; de Mello, A. J.; Edel, J. B.  
*Anal. Chem.* (2011), **83**, 3076-3081.
12167. Ultra-trace arsenic determination in urine and whole blood samples by flow injection-hydride generation atomic absorption spectrometry after preconcentration and speciation based on dispersive liquid-liquid microextraction  
Shirkhanloo, H.; Rouhollahi, A.; Mousavi, H. Z.  
*Bull. Korean Chem. Soc.* (2011), **32**, 3923-3927.
12168. Ultra trace analysis of small molecule by label-free impedimetric immunosensor using multilayer modified electrode  
Chullasat, K.; Kanatharana, P.; Limbut, W.; Numnuam, A.; Thavarungkul, P.  
*Biosens. Bioelectron.* (2011), **26**, 4571-8,
12169. Trends in flow-based analytical methods applied to pesticide detection: A review  
Llorent-Martinez, E. J.; Ortega-Barrales, P.; Fernandez-de Cordova, M. L.; Ruiz-Medina, A.  
*Anal. Chim. Acta* (2011), **684**, 30-39.
12170. Trace levels determination of ammonium by flow injection analysis using gas-diffusion and capacitively coupled contactless conductivity detection  
Braz, H. L.; Ito, D. T.; Fracassi da Silva, J. A.; do Lago, C. L.; Pedrotti, J. J.  
*Electroanalysis* (2011), **23**, 2594-2600.
12171. The use of chelating solid phase materials in flow injection systems  
Kara, D.  
*Anal. Lett.* (2011), **44**, 457-482.
12172. Surface IR immunosensors for label-free detection of benzo[a]pyrene  
Boujday, S.; Nasri, S.; Salmain, M.; Pradier, C.-M.  
*Biosens. Bioelectron.* (2011), **26**, 1750-1754.
12173. Surface characterization and efficiency of a matrix-free and flat carboxylated gold sensor chip for surface plasmon resonance (SPR)  
Roussille, L.; Brotons, G.; Ballut, L.; Louarn, G.; Ausserre, D.; Ricard-Blum, S.  
*Anal. Bioanal. Chem.* (2011), **401**, 1601-17,
12174. Surface characterization and efficiency of a matrix-free and flat carboxylated gold sensor chip for surface plasmon resonance (SPR)  
Roussille, L.; Brotons, G.; Ballut, L.; Louarn, G.; Ausserre, D.; Ricard-Blum, S.  
*Anal. Bioanal. Chem.* (2011), **401**, 1605-1621.
12175. Subnanogram determination of aniracetam in pharmaceutical preparations and biofluids by flow injection analysis with chemiluminescence detection based on its enhancement of the myoglobin-luminol reaction  
Shao, X.; Li, Y.; Li, F.; Liu, Y.; Song, Z.  
*J. AOAC Int.* (2011), **94**, 1461-1466.
12176. Study on the chemiluminescence behavior of bovine serum albumin with luminol and its analytical application  
Tan, X.; Song, Z.; Chen, D.; Wang, Z.  
*Spectrochim. Acta A Mol. Biomol. Spectrosc.* (2011), **79**, 232-235.
12177. Studies of the electrochemical degradation of acetaminophen using a real-time biomimetic sensor  
Quintino de Oliveira, M. C.; Tanaka, A. A.; de Vasconcelos Lanza, M. R.; Sotomayor, M. D. P.  
*Electroanalysis* (2011), **23**, 2616-2621.
12178. Stopped-flow microarray immunoassay for detection of viable E. coli by use of chemiluminescence flow-through microarrays  
Langer, V.; Niessner, R.; Seidel, M.  
*Anal. Bioanal. Chem.* (2011), **399**, 1041-1050.
12179. Spectrophotometric determination of bromate in water using multisyringe flow injection analysis  
Oliveira, S. M.; Segundo, M. A.; Rangel, A. O. S. S.; Lima, J. L. F. C.; Cerda, V.  
*Anal. Lett.* (2011), **44**, 284-297.
12180. Speciation of mercury in environmental water samples with seasonal change  
Rahman, M. M.; Yusof, A. M.  
*Adv. Mat. Res.* (2011), 264-265
12181. Solution mixing and the emission of light in flow-cells for chemiluminescence detection  
Terry, J. M.; Zammit, E. M.; Slezak, T.; Barnett, N. W.; Olson, D. C.; Wolcott, D. K.; Edwards, D. L.; Francis, P. S.  
*Analyst* (2011), **136**, 913-919.
12182. Simultaneous determination of four different antibiotic residues in honey by chemiluminescence multianalyte chip immunoassays  
Wutz, K.; Niessner, R.; Seidel, M.  
*Microchim. Acta* (2011), **173**, 1-9.
12183. Simultaneous detection of ascorbic acid and hydrogen peroxide by flow-injection analysis with a thin layer dual-electrode detector  
Tonio, R.; Dossi, N.; Pizzariello, A.; Susmel, S.; Bontempelli, G.  
*Electroanalysis* (2011), **23**, 628-636.
12184. Sequential spectrofluorimetric determination of free and total glycerol in biodiesel in a multicommuted flow

- system  
Silva, S. G.; Morales-Rubio, A.; de La Guardia, M.; Rocha, F. R. P.  
*Anal. Bioanal. Chem.* (2011), **401**, 365-71,
12185. Sequential injection system with modified glass capillary for automation in immunoassay of chondroitin sulfate  
Khonyoung, S.; Reanpang, P.; Kongtawelert, P.; Pencharee, S.; Jakmunee, J.; Grudpan, K.; Hartwell, S. K.  
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Soh, N.; Tanaka, M.; Hirakawa, K.; Zhang, R. Q.; Nakajima, H.; Nakano, K.; Imato, T.  
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dos Santos, D. C. M. B.; Korn, M. G. A.; Korn, M.; Pinto, P. C. A. G.; Saraiva, M. L. M. F. S.; Lima, J. L. F. C.  
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Pinto, P. C. A. G.; Lucia, M.; Saraiva, M. F. S.; Lima, J. L. F. C.  
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12189. Sequential Injection Analysis for Optimization of Molecular Biology Reactions  
Allen, P. B.; Ellington, A. D.  
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12190. Sensitive determination of perphenazine in pharmaceuticals and human serum by flow injection chemiluminescence method using  $[\text{Ru}(\text{phen})_3]^{2+}$ -Ce(IV) system and a chemometrical optimization approach  
Rezaei, B.; Mokhtari, A.  
*J. Braz. Chem. Soc.* (2011), **22**, 49-57.
12191. Sensitive determination of epinephrine in pharmaceutical preparation by flow injection coupled with chemiluminescence detection and mechanism study  
Liu, Y.; Liu, Z.; Shi, Y.  
*Luminescence* (2011), **26**, 59-64.
12192. Sensitive and simple flow injection analysis of formaldehyde using an activated barrel plating nickel electrode  
Chen, P.-Y.; Yang, H.-H.; Zen, J.-M.; Shih, Y.  
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Zhou, M.; Wang, J.; Ma, Y.; Fang, Y.; Chen, J.; Chen, H.  
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12194. Screening of conditions controlling spectrophotometric sequential injection analysis  
Idris, A. M.  
*Chem. Cent. J.* (2011), **5**, 9.
12195. Screening for antioxidants in complex matrices using high performance liquid chromatography with acidic potassium permanganate chemiluminescence detection  
McDermott, G. P.; Conlan, X. A.; Noonan, L. K.; Costin, J. W.; Mnatsakanyan, M.; Shalliker, R. A.; Barnett, N. W.; Francis, P. S.  
*Anal. Chim. Acta* (2011), **684**, 134-141.
12196. Screen-printed electrode modified with silver hexacyanoferrate-nafion for ascorbic acid determination  
Mattos, I. L.; Padilla, F.; Zagal, J. H.; Falcao, E. H. L.; Segura, R.  
*J. Chil. Chem. Soc.* (2011), **56**, 803-807.
12197. Sample transport and electrokinetic injection in a microchip device for chemical cytometry  
Kovarik, M. L.; Lai, H.-H.; Xiong, J. C.; Allbritton, N. L.  
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Richter P.; Canas A.; Munoz C.; Leiva C.; Ahumada I.  
*Anal. Chim. Acta* (2011), **695**, 73-6,
12199. Rhodium and its compounds in amperometric biosensors based on redox enzymes  
Soukup, J.; Polan, V.; Kotzian, P.; Kalcher, K.; Vytras, K.  
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12200. Review of analytical methods for the quantification of iodine in complex matrices  
Shelor, C. P.; Dasgupta, P. K.  
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12201. Reagentless Photochemically-Induced Fluorimetric Determination of Fipronil by Sequential-Injection Analysis  
Llorent-Martinez, E. J.; Fernandez-de Cordova, M. L.; Ruiz-Medina, A.; Ortega-Barrales, P.  
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12202. Rapid, highly efficient extraction and purification of membrane proteins using a microfluidic continuous-flow based aqueous two-phase system  
Hu, R.; Feng, X.; Chen, P.; Fu, M.; Chen, H.; Guo, L.; Liu, B.-F.  
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12203. Rapid Determination of Sphinganine and Urine by High Performance Liquid Chromatography using Monolithic Column  
Lee, T. P.; Saad, B.; Khayoon, W. S.; Salleh, B.  
*J. Liq. Chromatogr. Relat. Technol.* (2011), **34**, 1938-1951.
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Shao, X.; Li, Y.; Liu, Y.; Song, Z.  
*J. Anal. Chem.* (2011), **66**, 102-107.
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Jang, W.; Shim, J.; Lee, D.-Y.; Dutta, P.; Kim, J.-R.; Cho, K.-H.  
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12206. Rapid automated method for on-site determination of sulfadiazine in fish farming: a stainless steel veterinary syringe coated with a selective membrane of PVC serving as a potentiometric detector in a flow-injection-analysis system  
Almeida, S. A. A.; Amorim, L. R.; Heitor, A. H.; Montenegro, M. C. B. S. M.; Barbosa, J.; Sa, L. C.; Sales, M. G. F.  
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Santos da Silva, I.; Araujo, M. F. A.; Ferreira, H. A.; Varela, J. de J. G., Jr.; Tanaka, S. M. C. N.; Tanaka, A. A.; Angnes, L.  
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Chen, P.-Y.; Ji, Y.-M.; Luo, C.-H.; Chen, Y.-S.; Shih, Y.  
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12209. Pt nanoflower/polyaniline composite nanofibers based urea biosensor  
Jia, W.; Su, L.; Lei, Y.

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12210. Pretreatment of oily samples for analysis by flow injection-spectrometric methods  
Burguera, J. L.; Burguera, M.  
*Talanta* (2011), **83**, 691-699.
12211. Potentiometric Determination of Sibutramine Using Batch and Flow Injection Analysis  
El Gohary, N. A.; El Nashar, R. M.; Aboul-Enien, H. Y.  
*Anal. Lett.* (2011), **44**, 241-257.
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Sierra-Rodero, M.; Fernandez-Romero, J. M.; Gomez-Hens, A.  
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Lin, Z.; Xue, W.; Chen, H.; Lin, J.-M.  
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Cetin, T.; Uelgen, A.; Tokalioglu, S.  
*Clean: Soil, Air, Water* (2011), **39**, 244-249.
12215. Novel PVC-membrane electrode for flow injection potentiometric determination of Biperiden in pharmaceutical preparations  
Khaled, E.; El-Sabbagh, I. A.; El-Kholy, N. G.; Ghahni, E. Y. A.  
*Talanta* (2011), **87**, 40-45.
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Almeida, S. A. A.; Arasa, E.; Puyol, M.; Martinez-Cisneros, C. S.; Alonso-Chamarro, J.; Montenegro, M. C. B. S. M.; Sales, M. G. F.  
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Almeida, M. I. G. S.; Estela, J. M.; Cerda, V.  
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Pokrzywnicka, M.; Cocovi-Solberg, D. J.; Miro, M.; Cerda, V.; Koncki, R.; Tymecki, L.  
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12219. Microfluidic chip-capillary electrophoresis with dynamic multi-segment standard addition for rapidly identifying nephrolithiasis markers in urine  
Guo, W. P.; Fung, Y. S.  
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12220. Microfabricated renewable beads-trapping/releasing flow cell for rapid antigen-antibody reaction in chemiluminescent immunoassay  
Fu, Z.; Shao, G.; Wang, J.; Lu, D.; Wang, W.; Lin, Y.  
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12221. Liquid microjunction surface sampling probe fluid dynamics: characterization and application of an analyte plug formation operational mode  
ElNaggar, M. S.; Van Berkel, G. J.  
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Yu, Y.-L.; Jiang, Y.; Chen, M.-L.; Wang, J.-H.  
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Korte, D.; Bruzzoniti, M. C.; Sarzanini, C.; Franko, M.  
*Anal. Lett.* (2011), **44**, 2901-2910.
12224. *In situ* assembly, regeneration and plasmonic immunosensing of a Au nanorod monolayer in a closed-surface flow channel  
Guo, L.-H.; Huang, Y.-J.; Kikutani, Y.; Tanaka, Y.; Kitamori, T.; Kim, D.-H.  
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Infante, C. M. C.; Urio, R. de P.; Masini, J. C.  
*Anal. Lett.* (2011), **44**, 503-513.
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Kuban, P.; Seiman, A.; Kaljurand, M.  
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Tarhan, L.; Ayar-Kayali, H.  
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Ozoner, S. K.; Keskinler, B.; Erhan, E.  
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Kanwal, S.; Fu, X.; Su, X.  
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12230. Highly sensitive amperometric glucose sensors based on nanostructured  $\alpha$ -Ni(OH)<sub>2</sub> electrodes  
Martins, P. R.; Rocha, M. A.; Angnes, L.; Toma, H. E.; Araki, K.  
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Qiao, J.; Hou, X.; Roos, P.; Miro, M.  
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Sun P.; Liu Y.; Sha J.; Zhang Z.; Tu Q.; Chen P.; Wang J.  
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Nanita, S. C.  
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Tuncagil, S.; Ozdemir, C.; Demirkol, D. O.; Timur, S.; Toppare, L.  
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12235. Flow-injection determination of iron based on its catalysis on the oxidation reaction of xylenol orange by potassium bromate  
Yuan, D.; Fu, D.  
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Araujo, A. R. T. S.; Maya, F.; Saraiva, M. L. M. F. S.; Lima, J. L. F. C.; Estela, J. M.; Cerda, V.  
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Zayed, S. I. M.  
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