REFERENCES

1. S. Armenta, S. Garrigues, M. de la Guardia, *Trends Anal. Chem.,* 27 (2008) 497.
2. M.J. Madou, **Fundamentals of Microfabrication: The Science of Miniaturization**, 2nd ed., Taylor & Francis, Boca Raton, 2002.
3. A. Manz and J.C.T. Eijkel, *Pure Appl. Chem.,* 73 (2001) 1555.
4. D.R. Reyes, D. Iossifidis, P.A. Auroux and A. Manz, *Anal. Chem.* 74 (2002) 2623.
5. O. Geschke, H. Klank and P. Tellemann, **Microsystem Engineering of Lab-on-a-Chip Devices**, Wiley-VCH, Weinheim, 2004.
6. C.S. Effenhauser, G.J.M. Bruin and A. Paulus, *Electrophoresis,* 18 (1997) 2203.
7. J. Burbaum, *Chem. Britain,* (1998) 38.
8. P.C.H. Li, Microfluidic Lab-on-a-Chip for Chemical and Biological Analysis and Discovery, Taylor & Francis, Boca Ranton, 2006.
9. J. Burbaum, *Chem. Britain,* (1998) 38.
10. M. Trojanowicz, **Flow Injection Analysis. Instrumentation and Applications**, World Scientific, Singapore, 2000.
11. J.S. Rossier, A. Schwarz, F. Reymond, R. Ferrigno, F. Bianchi and H.H. Girault, *Electrophoresis,* 20 (1999) 727.
12. L.J. Kricka and P. Wilding, *Pure Appl. Chem.,* 68 (1996) 1831.
13. J.P. Landers, *Anal. Chem.,* 75 (2003) 2919.

14. J.C. Mcdonald, D.C. Duffy, J.R. Anderson, D.T. Chiu, H. Wu, O.J.A. Schueller and G.M. Whitesides, *Electrophoresis,* 21 (2000) 27.

15. G.H.W. Sanders and A. Manz, *Trends Anal. Chem.,* 19 (2000) 364.

16. D. Figeys and D. Pinto, *Anal. Chem.,* 1 (2000) 330.

17. M. O'Donnell, J. Maryanne and D.P. Little, *Genet. Anal. Biomol. Eng.,* 13 (1996) 151.

18. C.M. Henry, *Anal. Chem.,* 1 (1999) 264.

19. J. Wang, *Talanta*, 56 (2002) 223.

20. G.S. Fiorini and D.T. Chiu, *Biotechniques,* 38 (2005) 429.

21. E. Verdon, P. Couedor and P. Sanders, *Anal. Chim. Acta,* 586 (2007) 336.

22. T. śniegocki, A. Posyniak and J. źmudzki, *Bull. Vet. Inst. Pulawy,* 52 (2008) 421.

23. M. Elwenspoek, T.S.J. Lammerink, R. Miyake and J.H. Fluitman, *J. Micromech. Microeng.,* 4 (1994) 227.

24. P. Gravesen, J. Branebjerg and O.S. Jensen, *J. Micromech. Microeng.,* 3 (1993) 168.

25. H. Nakanishi, T. Nishimoto, M. Kanai, T. Saitoh, R. Nakamura, T. Yoshida and S. Shoji, *Sens. Actuators A*, 83 (2000) 136.

26. S. Ahuja and S. Scypinski, **Handbook of Modern Pharmaceutical Analysis**, 3rd ed., Academic Press, New York, 2001.

27. Y. He and J. Kanicki, *Appl. Phys. Lett.,* 76 (2000) 661.

28. C.Y. Chang and S.M. Sze, **ULSI Technology**, McGraw-Hill, New York, 1996.

29. D.A. Skoog and J.J. Leary, **Principles of Instrument Analysis**, 4th Ed., Harcourt Brace Jovanovich, New York, 1992.

30. J. Ruzicka and E.H. Hanson, **Flow Injection Analysis**, 2nd Ed., John Wiely & Sons, New York, 1988.

31. Y. K. Agrawal and D. R. Patel, *Anal. Lett.*, 19 (1986) 1289.

32. S. M. Hassan, F. A. Ibrahim, M.S. El-Din and M. M. Hefnawy, *Chromatographia,* 30 (1990) 176.

33. T.G. Díaz, L.M. Leticia and F. Salinas, *Mikrochim. Acta,* 112(1993) 31.

34. M. I. Walash, A. M. El-Brashy and M. A. Sultan, *Anal Lett.,* 26 (1993) 499.

35. I. Kaniou , G. Zachariadis , G. Kalligas, H. Tsoukali and J. Stratis, *J. Pharm. Biomed. Anal.,* 17((1994) 1385.

36. N. M. Tendolkar, B. S. Desai , J. S. Gaudh , V. M. Shinde, *Anal Lett.,*, 28 (1995) 1641.

37. P.L. López-de-Alba, K. Wróbel, L. López-Martneíz, K. Wróbel, M.L. Yepez-Murrieta and J. Amador-Hernández, *J. Pharm. Biomed. Anal.,* 16 (1997) 349.

38. M. Khodari, H. Mansour, H. S. El-Din and G. Mersal, *Anal. Lett.*, 31 (1998) 251.

39. E. Hammam, *J. Pharm. Biomed. Anal.,* 30 (2002) 651.

40. J. Du, L. Hao, Y. Li and J. Lu, *Anal. Chim. Acta,* 582 (2007) 98.

41. T. S. Belal, *J. Fluoresc*., 18 (2008) 771.

42. R. J. McCracken and D. G. Kennedy, *J. Chromatogr. A*, 771 (1997) 349.

43. P. Viñas, N. Campillo, L. Carrasco and M. Hernández-Córdoba, *Chromatographia,* 65 (2007) 85.

44. J. Barbosa, S. Moura, R. Barbosa, F. Ramos and M.I. Noronha da Silveira, *Anal. Chim. Acta*., 586 (2007) 359.

45. X. Li, J. Hu and H. Han, *Am. J. Biomed. Sci.,* 1 (2009) 260.

46. P. Thongsrisomboon, B. Liawruangrath , S. Liawruangrath and S. Satienperakul, *Food Chem.*, 123 (2010) 834.

47. R. Draisci, L. Giannetti, L. Lucentini, L. Palleschi, G. Brambilla, L. Serpe and P. Gallo, *J. Chromatogr. A*, 777 (1997) 201.

48. T.G. Díaz, A.G. Cabanillas, M.I. Acedo Valenzuela and C.A. Correa, *J Chromatogr. A,* 764 (1997) 243.

49. L. Tribalat, O. Paisse, G. Dessalces and M. F. Grenier-Loustalot, *Anal. Bioanal. Chem.*, 386 (2006) 2161.

50. T.F. Jiang, Z.H. Lv, Y.H. Wang, M.E. Yue and S. Lian, *Anal. Sci.,* 25 (2009) 861.

51. S. M. Hassan, F. A. Ibrahim, M.S. El-Din and M. M. Hefnawy, *Chromatographia,* 30 (1990) 176.

52. M. I. Walash, A. M. El-Brashy and M. A. Sultan, *Anal Lett.,* 26 (1993) 499.

53. L. Tribalat, O. Paisse, G. Dessalces and M. F. Grenier-Loustalot, *Anal. Bioanal. Chem.*, 386 (2006) 2161.

54. G. Angela, Poovey and K. D. Getsinger*J. Aquat. Plant Manage.,* 40 (2002) 6.

55. M. Khodari, H. Mansour and G. A. M. Mersal, *J. Pharmaceut. Biomed*., 20 (1999) 579.

56. J. Barbosa, S. Moura, R. Barbosa, F. Ramos and M. I. N. Da Silveira, *Anal. Chim. Acta,* 586 (2007) 359.

57. J.C. Miller and J.N. Miller, **Statistics for Analysis Chemistry**, 3rd ed., Ellis Horwood, New York, 1993.

58. British Pharmacopoeia Commission. *British Pharmacopoeia 2008.* 2 Vol. London : The Stationery Office, 2007.

59. D.C. Harris, **Qunatitative Chemical Analysis**, 5th ed., RR Donnelley & Sons company, America, 1998.

60. N. Li, Y. Chi, J. Wang, J. Duan and G. Chen, *Luminescence,* 18 (2003) 125.

61. J. Du, L. Hao, Y. Li and J. Lu, *Anal. Chim. Acta,* 582 (2007) 98.

62. W.R. Seitz, W.W. Suydam and D.M. Hercules, *Anal. Chem.,* 44 (1972) 957.

63. L.L. Klopf and T.A. Nieman, *Anal. Chem.,* 55 (1983) 1080.

64. K. Mervartová, M. Polášek and J.M .Calatayud, *J. Pharm. Biomed. Anal.*, 45 (2007) 367.

65. D.B. Paul, *Talanta,* 25 (1978) 377.

66. L.J. Kricka and G.H.G. Thorpe, *Analyst,* 108 (1983) 1274.