

REFERENCES

1. D. Amarasiriwardena, A. Siripinyanond, and R. M. Barnes, *J Anal Atom Spectrom*, **16** (2001) 978.
2. R. M. Barnes and A. Siripinyanond, *Adv Atom Spectrosc*, **7** (2002) 179.
3. R. Beckett, *Environ Technol Lett*, **8** (1987) 339.
4. R. Beckett, *Atom Spectrosc*, **12** (1991) 228.
5. R. Beckett, Z. Jue, and J. C. Giddings, *Environ Sci Technol*, **21** (1987) 289.
6. B. Chen and R. Beckett, *Analyst*, **126** (2001) 1588.
7. H. Geckeis, T. Ngo Manh, M. Bouby, and J. I. Kim, *Colloid Surface A*, **217** (2003) 101.
8. N. Manh Thang, H. Geckeis, J. I. Kim, and H. P. Beck, *Colloid Surface A*, **181** (2001) 289.
9. K. G. Wahlund, M. Gustavsson, F. MacRitchie, T. Nylander, and L. Wannerberger, *J Cereal Sci*, **23** (1996) 113.
10. E. Merian, **Metals and Their Compounds in the Environment: Occurrence, Analysis, and Biological Relevance**, VCH, Weinheim, 1991.
11. G. D. Christian, **Analytical Chemistry**, 6th ed., John Wiley & Sons, New York, 2003.
12. J. C. Van Loon and R. R. Barefoot, *Analyst*, **117** (1992) 563.
13. J. P. Valenta, *Polarographie*, **4** (1988) 312.
14. H. H. Bauer, G. D. Christian, and J. E. O'Reilly, **Instrumental Analysis**, Allyn and Bacon, Inc., Massachusetts, 1978.

15. E. J. Zachowski, M. Wojciechowski, and J. Osteryoung, *Anal Chim Acta*, **183** (1986) 47.
16. H. Geckeis, p. 1. Institute for Nuclear Waste Management, Research Centre Karlsruhe, Karlsruhe, 1997.
17. A. N. Onar and A. Temizer, *Analyst*, **112** (1987) 227.
18. J. Wang and H. D. Dewald, *Anal Chim Acta*, **162** (1984) 189.
19. J. A. Wise and W. R. Heineman, *Anal Chim Acta*, **172** (1985) 1.
20. C. Wechter, N. Sleszynski, J. J. O'Dea, and J. Osteryoung, *Anal Chim Acta*, **175** (1985) 45.
21. B. R. Clark, D. W. DePaoli, D. R. McTaggart, and B. D. Patton, *Anal Chim Acta*, **215** (1988) 13.
22. L. A. Mahoney, J. O'Dea, and J. G. Osteryoung, *Anal Chim Acta*, **281** (1993) 25.
23. W. Martinotti, G. Queirazza, A. Guarinoni, and G. Mori, *Anal Chim Acta*, **305** (1995) 183.
24. J. Alpizar, A. Cladera, V. Cerda, E. Lastres, L. Garcia, and M. Catasus, *Anal Chim Acta*, **340** (1997) 149.
25. S. Jaenicke, R. M. Sabarathinam, B. Fleet, and H. Gunasingam, *Talanta*, **45** (1998) 703.
26. A. Ivaska and W. W. Kubiak, *Talanta*, **44** (1997) 713.
27. C. L. da Silva and J. C. Masini, *Fres J Anal Chem*, **367** (2000) 284.
28. J. F. van Staden and M. C. Matoetoe, *Anal Chim Acta*, **411** (2000) 201.
29. S. Suteerapataranon, J. Jakmunee, Y. Vaneesorn, and K. Grudpan, *Talanta*, **58** (2002) 1235.

30. J. Jakmunee, S. Suteerapataranon, Y. Vaneesorn, and K. Grudpan, *Anal Sci*, **17** (2001) i399.
31. R. F. Huettl, *Environ Sci Policy*, **1** (1998) 129.
32. G. Grutmacher, R. Hindel, and R. Wimmer, *Appl Mineral*, **2** (2000) 565.
33. M. A. Yukselen and B. Alpaslan, *J Hazard Materials*, **B87** (2001) 289.
34. B. Sun, F. J. Zhao, E. Lombi, and S. P. McGrath, *Environ Pollut*, **113** (2001) 111.
35. A. Sahuquillo, A. Rigol, and G. Rauret, *Trends Anal Chem*, **22** (2003) 152.
36. G. C. Badulis, **Risk Assessment from Potential Weathering Characteristics of Mae Moh Lignite Mine and Power Plant Wastes Mae Moh District Lampang Province**, Ph.D. Thesis, Graduate School, Chiang Mai University, 1998.
37. A. M. Ure and C. M. Davidson, **Chemical Speciation in the Environment**, Ed., Blackie Academic&Professional, Glasgow, 1995.
38. E. H. Evans, *Anal Bioanal Chem*, **376** (2003) 311.
39. P. Quevauviller, *Trends Anal Chem*, **19** (2000) 67.
40. N. M. Thang, R. Knopp, H. Geckeis, J. I. Kim, and H. P. Beck, *Anal Chem*, **72** (2000) 1.
41. M. E. Schimpf and K. G. Wahlund, *J Microcol Separ*, **9** (1997) 535.
42. N. M. Thang, H. Geckeis, J. I. Kim, and H. P. Beck, *Colloid Surface A*, **181** (2001) 289.
43. M. Bouby, T. N. Manh, H. Geckeis, F. Scherbaum, and J. I. Kim, *Radiochim Acta*, **90** (2002) 727.
44. R. Beckett, D. M. Hotchin, and B. T. Hart, *J Chromatogr*, **517** (1990) 435.
45. S. Kawakubo, S. Ichikawa, and M. Iwatsuki, *Anal Sci*, **18** (2002) 651.
46. M. Dai, J. M. Kelley, and K. O. Buesseler, *Environ Sci Technol*, **36** (2002) 3690.

47. B. P. Jackson, P. L. Shaw Allen, W. A. Hopkins, and P. M. Bertsch, *Anal Bioanal Chem*, **374** (2002) 203.
48. S. Kawakubo, T. Netsu, and M. Iwatsuki, *Anal Sci*, **13** (1997) 1033.
49. V. N. Iyer, K. S. M. Rao, and R. Sarin, *Bull Electrochem*, **6** (1990) 349.
50. V. Vacchina, K. Polec, and J. Szpunar, *J Anal Atom Spectrom*, **14** (1999) 1557.
51. C. N. Ferrarello, M. d. R. F. de la Campa, J. F. Carrasco, and A. Sanz-Medel, *Anal Chem*, **72** (2000) 5874.
52. R. Chantiwas, R. Beckett, J. Jakmunee, I. D. McKelvie, and K. Grudpan, *Talanta*, **58** (2002) 1375.
53. Z. Wei, J. W. Wong, and D. Chen, *Microchem J*, **74** (2003) 207.
54. J. C. Giddings, *Separ Sci*, **1** (1966) 123.
55. M. E. Schimpf. **Field-Flow Fractionation** (On-line), Available: <http://journals.springer-ny.com/chedrSpringer-Verlag>, 1996.
56. R. Kellner, J.-M. Mermet, M. Otto, and H. M. Widmer, **Analytical Chemistry**, Wiley-VCH, Weinheim, 1998.
57. H. Geckeis, T. Rabung, T. N. Manh, J. I. Kim, and H. P. Beck, *Environ Sci Technol*, **36** (2002) 2946.
58. M. E. Schimpf, K. Caldwell, and J. C. Giddings, **Field-Flow Fractionation Handbook**, John Wiley&Sons, New York, 2000.
59. B. Wittgren and K.-G. Wahlund, *J Chromatogr A*, **791** (1997) 135.
60. M. van Bruijnsvoort, K. G. Wahlund, G. Nilsson, and W. T. Kok, *J Chromatogr A*, **925** (2001) 171.
61. A. Exner, U. Panne, and R. Niessner, *Anal Sci*, **17** (2001) s571.

62. A. Exner, M. Theisen, U. Panne, and R. Niessner, *Fresen J Anal Chem*, **366** (2000) 254.
63. G. C. Barker and A. W. Gardner, *Analyst*, **117** (1992) 1811.
64. J. G. Osteryoung and R. A. Osteryoung, *Anal Chem*, **57** (1985) 101A.
65. L. Ramaley and M. S. Krause, *Anal Chem*, **41** (1969) 1362.
66. J. Wang, J. Lu, S. B. Hocevar, and P. A. M. Farias, *Anal Chem*, **72** (2000) 3218.
67. J. Pei, M. L. Tercier-Waeber, and J. Buffle, *Anal Chem*, **72** (2000) 161.
68. E. Kirowa-Eisner, M. Brand, and D. Tzur, *Anal Chim Acta*, **385** (1999) 325.
69. J. M. Zen, F.-S. Hsu, N.-Y. Chi, S.-Y. Huang, and M.-J. Chung, *Anal Chim Acta*, **310** (1995) 407.
70. J. M. Zen and J. W. Wu, *Electroanal*, **9** (1997) 302.
71. J. M. Zen and M. J. Chung, *Anal Chem*, **67** (1995) 3571.
72. J. M. Zen and M. J. Chung, *Anal Chim Acta*, **320** (1996) 43.
73. J. M. Zen and Y. S. Ting, *Anal Chim Acta*, **332** (1996) 59.
74. M. Wojciechowski, W. Go, and J. Osteryoung, *Anal Chem*, **57** (1985) 155.
75. C. Wechter and J. Osteryoung, *Anal Chem*, **61** (1989) 2092.
76. S. C. Petrovic and H. D. Dewald, *Anal Chim Acta*, **357** (1997) 33.
77. J. Ruzicka and E. H. Hansen, **Flow-Injection Analysis**, 2nd ed., John Wiley&Sons, New York, 1988.
78. Z. Fang, **Flow Injection Separation and Preconcentration**, VCH, Weinheim, 1993.
79. J. Ruzicka and E. H. Hansen, *Anal Chem*, **75** (2000) 212A.
80. S. Daniele, C. Bragato, M. A. Baldo, J. Wang, and J. Lu, *Analyst*, **125** (2000) 731.
81. E. Fischer and C. M. G. van den Berg, *Anal Chim Acta*, **385** (1999) 273.

82. C. Colombo and C. M. G. Van den Berg, *Int J Environ Anal Chem*, **71** (1998) 1.
83. A. Economou, P. R. Rielden, and A. J. Packhan, *Analyst*, **119** (1994) 279.
84. A. M. Dobney and G. M. Greenway, *Analyst*, **119** (1994) 293.
85. G. M. Greenway and G. Wolfbauer, *Anal Chim Acta*, **312** (1995) 15.
86. Z. Lukaszewski, W. Zembruski, and A. Piela, *Anal Chim Acta*, **318** (1996) 159.
87. F.-M. Matysik and G. Werner, *Analyst*, **118** (1993) 1523.
88. F. Zhou, J. T. Aronson, and M. W. Ruegnitz, *Anal Chem*, **69** (1997) 728.
89. J. Ruzicka and G. D. Marshall, *Anal Chim Acta*, **237** (1990) 329.
90. B. D. Thanh and T. Lefevre, *Eviron Impact Assess Review*, **20** (2000) 137.
91. K. Naicker, E. Cukrowska, and T. S. McCarthy, *Environ Pollut*, **122** (2003) 29.
92. Z. Dang, C. Liu, and M. J. Haigh, *Environ Pollut*, **118** (2002) 419.
93. H. Zanker, H. Moll, W. Richter, V. Brendler, C. Hennig, T. Reich, A. Kluge, and G. Huttig, *Appl Geochem*, **17** (2002) 633.
94. L. E. Schemel, B. A. Kimball, and K. E. Bencala, *Appl Geochem*, **15** (2000) 1003.
95. B. A. Kimball, E. Callender, and E. V. Axtmann, *Appl Geochem*, **10** (1995) 285.
96. L. Sigg and W. Stumm, **Aquatische Chemie**. VDF, Zuerich, 1989
97. D. G. Lintern, School of Ocean Science, University Wales, Bangor,
Submarine Tailings Disposal and Alternative Remediation Methods (Online),
Available: http://www-civil.eng.ox.ac.uk/people/dgl/amd_remediation.pdf
98. G. Gruetzmacher, R. Hindel, and R. Wimmer, **Pyrite Oxidation in Aquifers in the Bitterfeld Lignite District**. Balkema, Rotterdam, 2000.
99. N. F. Gray, *Water Res*, **32** (1998) 2122.
100. A. Schippers and B. B. Jorgensen, *Geochim Cosmochim Acta*, **65** (2001) 915.
101. D. L. Sparks, **Environmental Soil Chemistry**, Academic Press, San Diego, 1995.

102. E. Tipping, R. Rey-Castro, S. E. Bryan, and J. Hamilton-Taylor, *Geochim Cosmochim Acta*, **66** (2002) 3211.
103. I. Doye and J. Duchesne, *Appl Geochem*, **18** (2003) 1197.
104. J. C. Miller and J. N. Miller, **Statistics for Analytical Chemistry**, 3rd ed., Ellis Horwood PTR Prentice Hall, West Sussex, 1993.
105. Department of Environmental Quality Promotion, Ministry of Natural Resources and Environment, Thailand, **Environmental Quality Standard** (Online), Available: http://www.deqp.go.th/english/greendata/env_standard/124112.html
106. C. M. A. Brett, M. B. Q. Garcia, and J. L. F. C. Lima, *Anal Chim Acta*, **339** (1997) 167.
107. M. Wojciechowski, W. Go, and J. Osteryoung, *Anal Chem*, **57** (1985) 155.