Author Index

Antle, P. E., see Eble, J. E. 25, 45
Arai, Y.
——, Hirukawa, M. and Hanai, T.
Effect of enthalpy on retention in reversed-phase liquid chromatography 279
Bacon, D. S., see Haroon, Y. 383
Barry, A. J., see Golding, R. D. 105
Berg, J. H. M. van den, see Glöckner, G. 135
Billiet, H. A. H.
——, Vuik, J., Strasters, J. K. and De Galan, L.
Simultaneous optimization of reagent concentration and pH in reversed-phase ion-pairing chromatography 153
Blaffert, T., see Schoenmakers, P. J. 117
Bogaerde, J. van den, see Cohen, M. E. 145
Bornhop, D. J.
——, Nolan, T. G. and Dovichi, N. J.
Subnanoliter laser-based refractive index detector for 0.25-mm I.D. microbore liquid chromatography. Reversed-phase separation of nanograms amounts of sugars 181
——, see Nolan, T. G. 189
Brent, D. A., see Sabatka, J. J. 349
Brinkman, U. A. Th., see Veltkamp, A. C. 357
Brown, P. R., see Kim, Y.-N. 209
Burke, M. F., see Golding, R. D. 105
Chu, A. H. T.
—— and Langer, S. H.
Void-column liquid chromatographic reactor studies to determine reaction rates in mobile and stationary phases 231
Cohen, M. E.
——, Hudson, D. L., Mann, L. T., Van den Bogaerde, J. and Gitlin, N.
Use of pattern-recognition techniques to analyze chromatographic data 145
Cox, G. B.
—— and Stout, R. W.
Study of the retention mechanisms for basic compounds on silica under "pseudo-reversed-phase" conditions 315
Das, H. A., see Veltkamp, A. C. 357
De Galan, L., see Billiet, H. A. H. 153
Dolan, J. W., see Quarry, M. A. 163
Dorsey, J. G., see Johnson, B. P. 221
Dovichi, N. J., see Bornhop, D. J. 181
——, see Nolan, T. G. 189
Eble, J. E.
——, Grob, R. L., Antle, P. E. and Snyder, L. R.
Simplified description of high-performance liquid chromatographic separation under overload conditions, based on the Craig distribution model. I. Computer simulations for a single elution band assuming a Langmuir isotherm 25
——, Grob, R. L., Antle, P. E. and Snyder, L. R.
Simplified description of high-performance liquid chromatographic separation under overload conditions, based on the Craig distribution model. II. Effect of isotherm type, and experimental verification of computer simulations for a single band 45
Foley, J. P.
Systematic errors in the measurement of peak area and peak height for overlapping peaks 301
Frei, R. W., see Veltkamp, A. C. 357
Galan, L. de, see Billiet, H. A. H. 153
Gill, R., see Smith, R. M. 259
Gitlin, N., see Cohen, M. E. 145
Glajch, J. L.
——, Kirkland, J. J. and Köhler, J.
Effect of column degradation on the reversed-phase high-performance liquid chromatographic separation of peptides and proteins 81
Glöcker, G.
—— and Van den Berg, J. H. M.
Copolymer fractionation by gradient high-performance liquid chromatography 135
Golding, R. D.
——, Barry, A. J. and Burke, M. F.
Synthesis of three alkyldihydrochlorosilanes and their application in studies of steric factors in the surface deactivation of porous silica 105
Grob, R. L., see Eble, J. E. 25, 45
——, see Quarry, M. A. 163
Grushka, E., see Levin, S. 249
Hanai, T., see Arai, Y. 279
Haroon, Y.
——, Bacon, D. S. and Sadowski, J. A.
Chemical reduction system for the detection of phylloquinone (vitamin K_1) and menaquinones (vitamin K_2) 383
Heywood-Waddington, D., see Sutherland, I. A. 197
Hirukawa, M., see Arai, Y. 279
Hodgson, Jr., G. L., see Sabatka, J. J. 349

Huber, J. F. K.
—— and Rizzi, A.
Influence of the accuracy of the extra-column peak-width determination of the verification of theoretical plate-height equations 337
Hudson, D. L., see Cohen, M. E. 145
Hurdley, T. G., see Smith, R. M. 259
Ito, Y., see Sutherland, I. A. 197
Johnson, B. P.
——, Khaledi, M. G. and Dorsey, J. G.
Solvatochromic solvent polarity measurements and selectivity in reversed-phase liquid chromatography 221
Khaledi, M. G., see Johnson, B. P. 221
Kim, Y.-N.
—— and Brown, P. R.
Micellar liquid chromatography for the analysis of nucleosides and bases 209
Kirkland, J. J., see Glajch, J. L. 81
Köhler, J., see Glajch, J. L. 81
Laasasenaho, K., see Rajakylä, E. 391
Langer, S. H., see Chu, A. H. T. 231
Lenhoff, A. M.
Significance and estimation of chromatographic parameters 285
Levin, S.
—— and Grushka, E.
Factors controlling the separation of amino acids in isocratic reversed-phase liquid chromatography 249
Lunte, S. M.
Structural classification of flavonoids in beverages by liquid chromatography with ultraviolet–visible and electrochemical detection 371
Mann, L. T., see Cohen, M. E. 145
Minick, D. J., see Sabatka, J. J. 349
Moffat, A. C., see Smith, R. M. 259
Moore, R. M.
—— and Walters, R. R.
Peak-decay method for the measurement of dissociation rate constants by high-performance affinity chromatography 91
Murilla, G. A., see Smith, R. M. 259
Nolan, T. G.
——, Bornhop, D. J. and Dovichi, N. J.
Crossed-beam thermal-lens detection for 0.25-mm diameter microbore liquid chromatography. Separation of 2,4-dinitrophenylhydrazones 189
——, see Bornhop, D. J. 181
Quarry, M. A.
——, Grob, R. L., Snyder, L. R., Dolan, J. W. and Rigney, M. P.
Band-spacing in reversed-phase high-performance liquid chromatography as a function of solvent strength. A simple and fast alternative to solvent optimization for method development 163
Rajakylä, E.
——, Laasasenaho, K. and Sakkers, P. J. D.
Determination of mycotoxins in grain by high-performance liquid chromatography and thermospray liquid chromatography–mass spectrometry 391
Rigney, M. P., see Quarry, M. A. 163
Rizzi, A., see Huber, J. F. K. 337
Sabatka, J. J.
——, Minick, D. J., Shumaker, T. K., Hodgson, Jr., G. L. and Brent, D. A.
Measurement of lipophilicity by high-performance liquid chromatography. Comparison with calculated lipophilicity values 349
Sadowski, J. A., see Haroon, Y. 383
Sakkers, P. J. D., see Rajakylä, E. 391
Schoenmakers, P. J.
—— and Blaffert, T.
Effect of model inaccuracy on selectivity optimization procedures in reversed-phase liquid chromatography 117
Shumaker, T. K., see Sabatka, J. J. 349
Smith, R. M.
——, Murilla, G. A., Hurdley, T. G., Gill, R. and Moffat, A. C.
Retention reproducibility of thiazide diuretics and related drugs in reversed-phase high-performance liquid chromatography 259
Snyder, L. R., see Eble, J. E. 25, 45
——, see Quarry, M. A. 163
Sokolowski, A.
Zone formation in ion-pair reversed-phase liquid chromatography. III. Step-gradient elution of oligodeoxyribonucleotides 1
——
Zone formation in ion-pair reversed-phase liquid chromatography. IV. Optimization of peak retention in step-gradient elution with introduction of competing ions 13
Stout, R. W., see Cox, G. B. 315
Strasters, J. K., see Billiet, H. A. H. 153
Sutherland, I. A.
——, Heywood-Waddington, D. and Ito, Y.
Counter-current chromatography. Applications to the separation of biopolymers, organelles and cells using either aqueous–organic of aqueous–aqueous phase systems 197
Van den Berg, J. H. M., see Glöckner, G. 135
Van den Bogaerde, J., see Cohen, M. E. 145
Veltkamp, A. C.
——, Das, H. A., Frei, R. W. and Brinkman, U. A. Th.
On-line low-level radiometric detection of [^{14}C]remoxipride in liquid chromatographic effluents 357
Vuik, J., see Billiet, H. A. H. 153
Walters, R. R., see Moore, R. M. 91