

Author Index

-
- Ahlborg, U. G., see Neelakantan, L. 307
 Åkesson, B., see Michelsen, P. 417
 Akita, M., see Takayanagi, H. 75
 Anderson, D. J.
 —, Taylor, A. J. and Reischer, R. J.
 Reversed-phase high-performance liquid chromatography of protected oligodeoxynucleotides 313
 Ando, T., see Fujimura, K. 371
 —, see Takayanagi, H. 63, 75
 Ansari, K., see Kaplan, E. 435
 Arendt, G., see Eppert, G. 471
 Aronsson, E., see Michelsen, P. 417
 Baba, Y.
 —, Yoza, N. and Ohashi, S.
 Computer-assisted prediction of retention times for inorganic polyphosphates in gradient ion-exchange chromatography 461
 —, Yoza, N. and Ohashi, S.
 Effect of column temperature on high-performance liquid chromatographic behaviour of inorganic polyphosphates. II. Gradient ion-exchange chromatography 119
 Bacic, A., see Harris, P. J. 304
 Bigley, F. P.
 — and Grob, R. L.
 Determination of phenols in water and wastewater by post-column reaction detection high-performance liquid chromatography 407
 Bonn, G.
 High-performance liquid chromatography of carbohydrates, alcohols and diethylene glycol on ion-exchange resins 381
 Bossche, W. Van der, see De Schutter, J. A. 135
 Braumann, Th.
 — and Jastorff, B.
 Physico-chemical characterization of cyclic nucleotides by reversed-phase high-performance liquid chromatography. II. Quantitative determination of hydrophobicity 105
 Brotherton, J. E.
 — and Widholm, J. M.
 High-performance liquid chromatography of anthranilate synthase using gel filtration and a post-column reactor 332
 Buijten, J., see Neelakantan, L. 307
 Bur, H., see Milon, H. 399
 Busker, E.
 —, Günther, K. and Martens, J.
 Application of chromatographic chiral stationary phases to pharmaceutical analysis. Enantiomeric purity of D-penicillamine 179
 Carlsson, A.
 — and Lundström, K.
 An amperometric detector for use with small-bore liquid chromatographic columns 169
 Castells, R. C.
 Possibility and consequences of using different concentration scales in the study of solution thermodynamics by gas-liquid chromatography 339
 Chicarelli, M. I., see Gill, J. P. 37
 Cirma, G., see Musumarra, G. 151
 Clarke, A. E., see Harris, P. J. 304
 Clementi, S., see Musumarra, G. 151
 Clouse, S. D.
 —, Martensen, A. N. and Gilchrist, D. G.
 Rapid purification of host-specific pathotoxins from *Alternaria alternata* f. sp. *lycopersici* by solid-phase adsorption on octadecylsilane 255
 De Moerloose, P., see De Schutter, J. A. 135
 De Schutter, J. A.
 —, Van der Weken, G., Van den Bossche, W. and De Moerloose, P.
 Reversed-phase high-performance thin-layer chromatography of mebeverine hydrochloride and related compounds 135
 Dolanský, J., see Weidenhoffer, Z. 324
 Dolphin, R. J., see Mulholland, M. 285
 Dose, K., see Pabst, R. 427
 Eglinton, G., see Gill, J. P. 37
 Eppert, G.
 —, Liebscher, G., Ihrke, M. and Arendt, G.
 Bestimmung von Verunreinigungen in Salicylsäure durch Hochleistungs-Flüssigchromatographie nach Computer Gestützter Optimierung der Trennparameter 471
 Evershed, R. P., see Gill, J. P. 37
 Ferre, J.
 — and Jacobson, K. B.
 Use of reversed-phase C₁₈ Sep-Pak cartridges for the purification and concentration of sepiapterin and other pteridines 389

- Fujimura, K.
 —, Kitagawa, M., Takayanagi, H. and Ando, T.
 High-performance liquid chromatographic separation of aromatic carboxylic acids with β -cyclodextrin-bonded stationary phases 371
 —, see Takayanagi, H. 63, 75
- Gaertner, H.
 — and Puigserver, A.
 Separation of some peptides and related isopeptides by high-performance liquid chromatography: structure-retention time relationships 279
- Garcia, C. P.
 Rubeanic acid: a general spray reagent for the detection of steroids on thin-layer plates 468
- Gilchrist, D. G., see Clouse, S. D. 255
- Gill, J. P.
 —, Evershed, R. P., Chicarelli, M. I., Wolff, G. A., Maxwell, J. R. and Eglinton, G.
 Computerised capillary gas chromatographic-mass spectrometric studies of the petroporphyrins of the Gilsonite bitumen (Eocene, U.S.A.) 37
- Giulietti, G., see Musumarra, G. 151
- Gorham, J.
 — and McDonnell, E.
 High-performance liquid chromatographic method for the separation and estimation of choline, glycinebetaine aldehyde and related compounds 245
- Grob, R. L., see Bigley, F. P. 407
- Günther, K., see Busker, E. 179
- Gyllenhaal, O.
 —, König, W. A. and Vessman, J.
 Enantiomer separation of metoprolol and its analogues and metabolites by capillary column gas chromatography after derivatization with phosgene 328
- Haldna, Ū.
 —, Palvadre, R., Pentshuk, J. and Kleemeier, T.
 Preparation of low-capacity anion-exchange resins for ion chromatography on a methacrylic copolymer matrix 296
- Harris, P. J.
 —, Bacic, A. and Clarke, A. E.
 Capillary gas chromatography of partially methylated alditol acetates on a SP-2100 wall-coated open-tubular column 304
- Hashizume, M., see Takayanagi, H. 63
- Hatada, K., see Okamoto, Y. 127
- Honda, S., see Okamoto, Y. 127
- Hušek, P., see Mareš, P. 87
- Ihrke, M., see Eppert, G. 471
- Ishii, S.-I., see Shimura, K. 265
- Iyengar, J. R., see Lawrence, J. F. 237
- Jacobson, K. B., see Ferre, J. 389
- Jastorff, B., see Braumann, Th. 105
- Jikumaru, N., see Ohta, K. 292
- Kalpaxis, D. L.
 Comparative study of affinity chromatography of components of the hyaluronate-proteoglycan complex to immobilized hyaluronate 227
- Kaplan, E.
 — and Ansari, K.
 High-performance liquid chromatography as a tool for identification of linolenic acid hydroperoxide prepared with soybean lipoxygenase 435
- Karasek, F. W., see Tong, H. Y. 27
- Kasai, K.-I., see Shimura, K. 265
- Kawahara, K., see Ohta, K. 292
- Kitagawa, M., see Fujimura, K. 371
- Kleemeier, T., see Haldna, Ū. 296
- Klein, C. M.
 — and Lau-Cam, C. A.
 Simple thin-layer chromatographic method for the investigation of six related compounds in flurazepam hydrochloride and its capsules 273
- König, W. A., see Gyllenhaal, O. 328
- Kuwamoto, T., see Okada, T. 317
- Lau-Cam, C. A., see Klein, C. M. 273
- Lawrence, J. F.
 — and Iyengar, J. R.
 Gas chromatographic determination of polysaccharide gums in foods after hydrolysis and derivatization 237
- Liebscher, G., see Eppert, G. 471
- Lundström, K., see Carlsson, A. 169
- McDonnell, E., see Gorham, J. 245
- McGee, W. W., see Quinn, M. E. 187
- Mareš, P.
 — and Hušek, P.
 Quantitative capillary gas-liquid chromatography of triglycerides on a fused-silica column with a chemically bonded stationary phase 87
- Martens, J., see Busker, E. 179
- Martensen, A. N., see Clouse, S. D. 255
- Maxwell, J. R., see Gill, J. P. 37
- Michelsen, P.
 —, Aronsson, E., Odham, G. and Åkesson, B.
 Diastereomeric separations of natural glycerol derivatives as their 1-(1-naphthyl)ethyl carbamates by high-performance liquid chromatography 417
- Milon, H.
 — and Bur, H.
 Direct liquid introduction mass spectrometry of some underivatized dipeptides and polypeptides 399
- Moerloose, P. De, see De Schutter, J. A. 135

- Moriguchi, S.
— and Takei, S.
Contributions to hydrocarbon retention in gas-liquid-solid chromatography with polyethylene glycol 6000 as stationary phase 15
- Musumarra, G.
—, Scarlata, G., Cirma, G., Romano, G., Palazzo, S., Clementi, S. and Giulietti, G.
Qualitative organic analysis. I. Identification of drugs by principal components analysis of standardized thin-layer chromatographic data in four eluent systems 151
- Mulholland, M.
— and Dolphin, R. J.
Analysis of the fat-soluble vitamins using narrow-bore high-performance liquid chromatography with multichannel UV-VIS detection 285
- Neelakantan, L.
—, Buijten, J. and Ahlborg, U. G.
Analysis of 2-acetylaminofluorene and its metabolites by gas chromatography with electron-capture detection 307
- Nevejans, F.
— and Verzele, M.
Swelling propensity (SP factor) of semi-rigid chromatographic packing materials 145
- Odham, G., see Michelsen, P. 417
- Ohashi, S., see Baba, Y. 119, 461
- Ohta, K.
—, Yamaguchi, K., Jikumaru, N. and Kawahara, K.
Heterogeneities of blue dextran and differences among samples 292
- Okada, T.
— and Kuwamoto, T.
Trace analysis of anions by use of a back-flush method and large injection volumes in ion chromatography 317
- Okamoto, Y.
—, Honda, S., Hatada, K. and Yuki, H.
Chromatographic resolution. IX. High-performance liquid chromatographic resolution of enantiomers on optically active poly(trimethylmethyl methacrylate) 127
- Pabst, R.
— and Dose, K.
Rapid delipidation of the membrane protein bacteriorhodopsin by high-performance liquid chromatography 427
- Palazzo, S., see Musumarra, G. 151
- Palvadre, R., see Haldna, Ü. 296
- Paterson, M. D., see Wheals, B. B. 205
- Patsalides, E.
— and Robards, K.
Applications of fused-silica wall-coated open-tubular columns. I. Schiff base chelates 353
- Pentshuk, J., see Haldna, Ü. 296
- Plzák, Z., see Weidenhoffer, Z. 324
- Puigserver, A., see Gaertner, H. 279
- Quinn, M. E.
— and McGee, W. W.
Analysis technique for determining the levels of organic additives in an ethylene-propylene diene monomer rubber for use in underwater acoustic applications 187
- Reischer, R. J., see Anderson, D. J. 313
- Robards, K., see Patsalides, E. 353
- Rodriguez, H.
Automated on-line identification of phenylthiohydantoin-amino acids from a vapor phase protein sequencer 217
- Romano, G., see Musumarra, G. 151
- Scarlata, G., see Musumarra, G. 151
- Scholze, H.
Determination of phenylthiocarbamyl amino acids by reversed-phase high-performance liquid chromatography 453
- Schutter, J. A. De, see De Schutter, J. A. 135
- Shimura, K.
—, Kasai, K.-I. and Ishii, S.-I.
High-performance affinity chromatography of anhydrochymotrypsin on a hydrophilic vinyl-polymer gel coupled with tryptophan 265
- Šimánek, V., see Válka, I. 336
- Smith, L. L., see Teng, J. I. 445
- Takanagai, H.
—, Akita, M., Fujimura, K. and Ando, T.
Ligand-exchange gas chromatographic separation of aromatic sulphides 75
—, see Fujimura, K. 371
—, Hashizume, M., Fujimura, K. and Ando, T.
Ligand-exchange gas chromatography of dialkyl sulphides 63
- Takei, S., see Moriguchi, S. 15
- Taylor, A. J., see Anderson, D. J. 313
- Teng, J. I.
— and Smith, L. L.
High-performance liquid chromatography of linoleic acid hydroperoxides and their corresponding alcohol derivatives 445
- Thompson, T.S., see Tong, H. Y. 27
- Tong, H. Y.
—, Thompson, T. S. and Karasek, F. W.
Quantitative responses of normal alkanes in gas chromatographic-mass spectrometric analysis 27
- Válka, I.
—, Walterová, D. and Šimánek, V.
Determination of papaverine by capillary isotachophoresis 336
- Van den Bossche, W., see De Schutter, J. A. 135
- Van der Weken, G., see De Schutter, J. A. 135

- Vardanis, A.
Ion-exchange columns in high-performance liquid chromatography of proteins; a simple loading technique that improves resolution 299
- Verzele, M., see Nevejans, F. 145
- Vessman, J., see Gyllenhaal, O. 328
- Waldmann-Meyer, H.
Structure parameters of molecules and media evaluated by chromatographic partition. I.
Controlled-pore glasses 1
- Walterová, D., see Válka, I. 336
- Weidenhoffer, Z.
—, Plzák, Z. and Dolanský, J.
Trace analysis of organic compounds in volatile inorganic halides by the dynamic head-space technique and gas chromatography-mass spectrometry 324
- Weken, G. Van der, see De Schutter, J. A. 135
- Wheals, B. B.
- , White, P.C. and Paterson, M. D.
High-performance liquid chromatographic method utilising single or multi-wavelength detection for the comparison of disperse dyes extracted from polyester fibres 205
- White, P. C., see Wheals, B. B. 205
- Widholm, J. M., see Brotherton, J. E. 332
- Wolff, G. A., see Gill, J. P. 37
- Yamaguchi, K., see Ohta, K. 292
- Yoza, N., see Baba, Y. 119, 461
- Yuki, H., see Okamoto, Y. 127