

## Author Index

- Ackland, C. E., Berndt, W. G., Frezza, J. E., Landgraf, B. E., Pritchard, K. W. and Ciardelli, T. L.  
Monitoring of protein conformation by high-performance size-exclusion liquid chromatography and scanning diode array second-derivative UV absorption spectroscopy 540(1991)187
- Adamia, T. V., Budovich, V. L., Nevjagskaya, I. A., Shlyakhov, A. F. and Jakovlev, S. A.  
Effect of temperature on the sensitivity of the photoionization detector 540(1991)441
- Armstrong, D. W., see Stalcup, A. M.  
540(1991)113
- Barter, P., see Meyer, B.  
540(1991)386
- Bayer, E., see Lai, G.  
540(1991)217
- Berndt, W. G., see Ackland, C. E.  
540(1991)187
- Bhave, M. R., see Deshpande, M. V.  
540(1991)397
- Biernat, J. F., see Konieczka, P.  
540(1991)449
- Bošnjak, N., Mihalić, Z. and Trinajstić, N.  
Application of topographic indices to chromatographic data: calculation of the retention indices of alkanes 540(1991)430
- Bradshaw, J. S., Schirmer, M. M., Juvancz, Z., Markides, K. E. and Lee, M. L.  
New polar polysiloxane stationary phases containing cyano, nitrophenyl and 8-quinolinyl units attached to diethylene oxide side groups 540(1991)279
- Budovich, V. L., see Adamia, T. V.  
540(1991)441
- Budzianowski, J.  
Separation of flavonoid glucosides from their galactosidic analogues by thin-layer chromatography 540(1991)469
- Cabras, P., Plumitallo, A. and Spanedda, L.  
High-performance liquid chromatographic separation of fenthion and its metabolites 540(1991)406
- Caccialanza, G., see Gandini, C.  
540(1991)416
- Caudé, M., see Siret, L.  
540(1991)129
- Chang, S.-C., see Stalcup, A. M.  
540(1991)113
- Chen, C.-Y. and Morris, M. D.  
On-line multichannel Raman spectroscopic detection system for capillary zone electrophoresis 540(1991)355
- Chen, S.-T., see Lin, S.-L.  
540(1991)392
- Cheynier, V., see Rigaud, J.  
540(1991)401
- Ciardelli, T. L., see Ackland, C. E.  
540(1991)187
- Claessens, H. A., see Hetem, M. J. J.  
540(1991)53
- Clonis, Y. D. and Lowe, C. R.  
Monosized adsorbents for high-performance affinity chromatography. Application to the purification of calf intestinal alkaline phosphatase and human urine urokinase 540(1991)103
- Coutant, J. E., see Lu, Z.  
540(1991)199
- Cox, G. B., see Snyder, L. R.  
540(1991)21
- Coyard, V., see Duprat, F.  
540(1991)157
- Cramers, C. A., see Hetem, M. J. J.  
540(1991)53
- Deege, A., see Hetem, M. J. J.  
540(1991)53
- De Haan, J. W., see Hetem, M. J. J.  
540(1991)53
- De Lorenzi, E., see Gandini, C.  
540(1991)416
- Deshpande, M. V., Dhume, S. T., Vyas, P. R. and Bhave, M. R.  
Determination of 5-methylcytosine content of four Cucurbitaceae species using high-performance liquid chromatography 540(1991)397
- Dhume, S. T., see Deshpande, M. V.  
540(1991)397
- Dolan, J. W., see Snyder, L. R.  
540(1991)21
- Dolcerocca, P., see Duprat, F.  
540(1991)157
- Donnelly, J. R., Munslow, W. D., Grange, A. H., Pettit, T. L., Simmons, R. D. and Sovocool, G. W.  
Correlation of structure with linear retention index for bromo- and bromochlorodibenzo-p-dioxins and bromodibenzofurans 540(1991)293
- Dose, E. V., see Katti, A. M.  
540(1991)1
- Duprat, F., Coyard, V., Dolcerocca, P. and Gassend, R.  
Resolution of ( $\pm$ )-2-aminoheptane enantiomers by inductive adsorption chromatography 540(1991)157
- Fenton, M. and Sim, J. S.  
Determination of egg yolk cholesterol content by on-column capillary gas chromatography 540(1991)323
- Fidge, N., see Meyer, B.  
540(1991)386
- Firouztaie, E., see Ladisch, M. R.  
540(1991)85
- France, J. E., Snyder, J. M. and King, J. W.  
Packed-microbore supercritical fluid chromatography with flame ionization detection of abused vegetable oils 540(1991)271
- Frezza, J. E., see Ackland, C. E.  
540(1991)187
- Games, D. E., see Perkins, J. R.  
540(1991)239
- Games, D. E., see Perkins, J. R.  
540(1991)257

- Gandini, C., Caccialanza, G., Kitsos, M., Massolini, G. and De Lorenzi, E. Determination of 5-aminosalicylic acid and related compounds in raw materials and pharmaceutical dosage forms by high-performance liquid chromatography 540(1991)416
- Gassend, R., see Duprat, F. 540(1991)157
- Gilbert, J., see Perkins, J. R. 540(1991)239
- Gilbert, J., see Perkins, J. R. 540(1991)257
- Gorski, R. J., Morgan, D. K., Sarocka, C. and Plasz, A. C. Estimation and identification of non-polar compounds in clarithromycin bulk drug by high-performance liquid chromatography 540(1991)422
- Grandmaison, J. L. and Kaliaguine, S. Behaviour of phenols under supercritical fluid chromatographic conditions in relation to the pyrolysis of lignocellulosic materials 540(1991)225
- Grange, A. H., see Donnelly, J. R. 540(1991)293
- Guiochon, G., see Katti, A. M. 540(1991)1
- Hahn, A., Stein, J., Rump, U. and Rehner, G. Optimized high-performance liquid chromatographic procedure for the separation and quantification of the main folacins and some derivatives. I. Chromatographic system 540(1991)207
- Hargitai, T., Reinholdsson, P., Törnell, B. and Isaksson, R. Polymer-bound chiral polymers for use in enantiomer separations 540(1991)145
- Haynes, P. A., Sheumack, D., Kirby, J. and Redmond, J. W. Amino acid analysis using derivatisation with 9-fluorenylmethyl chloroformate and reversed-phase high-performance liquid chromatography 540(1991)177
- Hendrickson, R. L., see Ladisch, M. R. 540(1991)85
- Hetem, M. J. J., De Haan, J. W., Claessens, H. A., Cramers, C. A., Dege, A. and Schomburg, G. Characterization and stability of silanized and polymer-coated octadecyl reversed phases 540(1991)53
- Husain, S., Nageswara Sarma, P., Swami, G. Y. S. K. and Narsimha, R. Determination of chloropyridine isomers by gas chromatography and high-performance liquid chromatography in chlorpyrifos process development 540(1991)331
- Hyver, K. J., see Wilson, W. H. 540(1991)77
- Isaksson, R., see Hargitai, T. 540(1991)145
- Jakovlev, S. A., see Adamia, T. V. 540(1991)441
- Juvancz, Z., see Bradshaw, J. S. 540(1991)279
- Kaliaguine, S., see Grandmaison, J. L. 540(1991)225
- Kalra, R. L., see Singh, P. P. 540(1991)464
- Kaneta, T., see Tanaka, S. 540(1991)475
- Katti, A. M., Dose, E. V. and Guiuchon, G. Comparison of the performances of overloaded elution and displacement chromatography for a given column 540(1991)1
- Kawai, S., Uno, B. and Tomita, M. Determination of glyphosate and its major metabolite aminomethylphosphonic acid by high-performance liquid chromatography after derivatization with *p*-toluenesulphonyl chloride 540(1991)411
- Kecorius, E., see Meyer, B. 540(1991)386
- Kibby, J., see Haynes, P. A. 540(1991)177
- King, J. W., see France, J. E. 540(1991)271
- Kitsos, M., see Gandini, C. 540(1991)416
- Konieczka, P., Namieśnik, J. and Biernat, J. F. Generation of standard gaseous mixtures by thermal decomposition of surface compounds. Standard mixtures of thiols 540(1991)449
- Ladisch, M. R., Hendrickson, R. L. and Firouzdale, E. Analytical- and preparative-scale chromatographic separation of phenylalanine from aspartame using a new polymeric sorbent 540(1991)85
- Lai, G., Nicholson, G., Mühlbeck, U. and Bayer, E. Immobilization of chiral phases for enantiomer separations in supercritical fluid and gas chromatography 540(1991)217
- Landgraf, B. E., see Ackland, C. E. 540(1991)187
- Lee, M. L., see Bradshaw, J. S. 540(1991)279
- Lin, S.-L., Chen, S.-T., Wu, S.-H. and Wang, K.-T. Separation of aspartame and its precursor stereoisomers by chiral chromatography 540(1991)392
- Lowe, C. R., see Clonis, Y. D. 540(1991)103
- Lu, Z., Veening, H. and Coutant, J. E. Liquid chromatography-mass spectrometry studies of 9-fluorenylmethyl chloroformate derivatives of polyamines 540(1991)199
- MacLeod, S. K. Compensated delay volume as an approach to improve the interlaboratory transferability of gradient high-performance liquid chromatographic assays 540(1991)373
- Marciauskas, R., see Markauskas, A. 539(1991)525

- Markauskas, A., Tiknus, V. and Marcišauskas, R.  
Use of immobilized triazine dyes in the purification of DNA topoisomerase I (Topo I) and terminal deoxynucleotidyl transferase (TdT) from calf thymus 539(1991)525
- Markides, K. E., see Bradshaw, J. S.  
540(1991)279
- Massolini, G., see Gandini, C. 540(1991)416
- McNair, H. M., see Wilson, W. H. 540(1991)77
- Meyer, B., Kecorius, E., Barter, P., Fidge, N. and Tetaz, T.  
Application of reversed-phase high-performance liquid chromatography to the separation of apolipoproteins A-IV, A-I and E from rat high-density lipoprotein 540(1991)386
- Mihalić, Z., see Bošnjak, N. 540(1991)430
- Morgan, D. K., see Gorski, R. J. 540(1991)422
- Morris, M. D., see Chen, C.-Y. 540(1991)355
- Mühleck, U., see Lai, G. 540(1991)217
- Munslow, W. D., see Donnelly, J. R.  
540(1991)293
- Nageswara Sarma, P., see Husain, S.  
540(1991)331
- Namieśnik, J., see Konieczka, P. 540(1991)449
- Narsimha, R., see Husain, S. 540(1991)331
- Neely, F. L. and Parks, R. J.  
High-performance liquid chromatographic determination of mycophenolic acid in fermentation broth 540(1991)383
- Nevjagskaya, I. A., see Adamia, T. V.  
540(1991)441
- Nicholson, G., see Lai, G. 540(1991)217
- Nishimura, K., see Tanaka, S. 540(1991)475
- Paik, J. S. and Venables, A. C.  
Analysis of packaged orange juice volatiles using headspace gas chromatography 540(1991)456
- Palmisano, F., see Visconti, A. 540(1991)376
- Parks, R. J., see Neely, F. L. 540(1991)383
- Perez-Ilzarbe, J., see Rigaud, J. 540(1991)401
- Perkins, J. R., Games, D. E., Startin, J. R. and Gilbert, J.  
Analysis of sulphonamides using supercritical fluid chromatography and supercritical fluid chromatography-mass spectrometry 540(1991)239
- Perkins, J. R., Games, D. E., Startin, J. R. and Gilbert, J.  
Analysis of veterinary drugs using supercritical fluid chromatography and supercritical fluid chromatography-mass spectrometry 540(1991)257
- Pettit, T. L., see Donnelly, J. R. 540(1991)293
- Plasz, A. C., see Gorski, R. J. 540(1991)422
- Plumitallo, A., see Cabras, P. 540(1991)406
- Pritchard, K. W., see Ackland, C. E.  
540(1991)187
- Redmond, J. W., see Haynes, P. A.  
540(1991)177
- Rehner, G., see Hahn, A. 540(1991)207
- Reinholdsson, P., see Hargitai, T. 540(1991)145
- Ricardo da Silva, J. M., see Rigaud, J.  
540(1991)401
- Rigaud, J., Perez-Ilzarbe, J., Ricardo da Silva, J. M. and Cheynier, V.  
Micro method for the identification of proanthocyanidin using thiolytic monitored by high-performance liquid chromatography 540(1991)401
- Rose, Jr., D. J.  
Free-solution reactor for post-column fluorescence detection in capillary zone electrophoresis 540(1991)343
- Rosset, R., see Siret, L. 540(1991)129
- Rump, U., see Hahn, A. 540(1991)207
- Sarocka, C., see Gorski, R. J. 540(1991)422
- Schirmer, M. M., see Bradshaw, J. S.  
540(1991)279
- Schomburg, G., see Hetem, M. J. J. 540(1991)53
- Sheumack, D., see Haynes, P. A. 540(1991)177
- Shlyakhov, A. F., see Adamia, T. V.  
540(1991)441
- Sibilia, A., see Visconti, A. 540(1991)376
- Sim, J. S., see Fenton, M. 540(1991)323
- Simmons, R. D., see Donnelly, J. R.  
540(1991)293
- Singh, P. P. and Kalra, R. L.  
Use of low-purity solvents and reagents for analysis of residues of synthetic pyrethroid pesticides by gas chromatography with electron-capture detection 540(1991)464
- Siret, L., Tambuté, A., Caude, M. and Rosset, R.  
Chiral recognition mechanisms on chiral stationary phases derived from tyrosine. Specific influence of the nature of the asymmetric centre vicinal functional group 540(1991)129
- Šklenářová, S. and Tichá, M.  
Electrophoretic study of  $\alpha$ -D-mannosidase and  $\alpha$ -D-galactosidase from dry seeds of *Pisum sativum* 540(1991)365
- Šlais, K.  
Simultaneous conductivity and potentiometric detector for miniaturized liquid chromatography and flow analysis 540(1991)41
- Snyder, J. M., see France, J. E. 540(1991)271

- Snyder, L. R., Dolan, J. W. and Cox, G. B.  
 Preparative high-performance liquid chromatography based on reversed-phase gradient elution. Optimum experimental conditions for heavily overloaded separation 540(1991)21
- Sovocool, G. W., see Donnelly, J. R.  
 540(1991)293
- Spanedda, L., see Cabras, P. 540(1991)406
- Stalcup, A. M., Chang, S.-C. and Armstrong, D. W.  
 Effect of the configuration of the substituents of derivatized  $\beta$ -cyclodextrin bonded phases on enantioselectivity in normal-phase liquid chromatography 540(1991)113
- Startin, J. R., see Perkins, J. R. 540(1991)239
- Startin, J. R., see Perkins, J. R. 540(1991)257
- Stein, J., see Hahn, A. 540(1991)207
- Swami, G. Y. S. K., see Husain, S. 540(1991)331
- Takeuchi, T., see Yamazaki, S. 540(1991)169
- Tambuté, A., see Siret, L. 540(1991)129
- Tanaka, S., Kaneta, T., Nishimura, K. and Yoshida, H.  
 Capillary tube isotachophoretic separation of lanthanide complexes using polyaminocarboxylic acid as terminating ion 540(1991)475
- Tanimura, T., see Yamazaki, S. 540(1991)169
- Tetaz, T., see Meyer, B. 540(1991)386
- Tichá, M., see Sklenářová, S. 540(1991)365
- Tomita, M., see Kawai, S. 540(1991)411
- Törnell, B., see Hargitai, T. 540(1991)145
- Trinajstić, N., see Bošnjak, N. 540(1991)430
- Uno, B., see Kawai, S. 540(1991)411
- Veening, H., see Lu, Z. 540(1991)199
- Venables, A. C., see Paik, J. S. 540(1991)456
- Visconti, A., Sibilia, A. and Palmisano, F.  
 Selective determination of altertoxins by high-performance liquid chromatography with electrochemical detection with dual "in-series" electrodes 540(1991)376
- Vyas, P. R., see Deshpande, M. V. 540(1991)397
- Walling, J. F., see Wright, L. H. 540(1991)311
- Wang, K.-T., see Lin, S.-L. 540(1991)392
- Wilson, W. H., McNair, H. M. and Hyver, K. J.  
 Surface treatment effects in microcolumn liquid chromatography 540(1991)77
- Wright, L. H. and Walling, J. F.  
 Prediction of retention times in temperature-programmed multichromatography 540(1991)311
- Wu, S.-H., see Lin, S.-L. 540(1991)392
- Yamazaki, S., Takeuchi, T. and Tanimura, T.  
 Direct enantiomeric separation of  $\beta$ -amino acids and  $\beta$ -amino alcohols by ligand-exchange chromatography 540(1991)169
- Yoshida, H., see Tanaka, S. 540(1991)475