

Author Index

- Aarons, L., see Adedoyin, A. 160
 Adedoyin, A.
 -, Aarons, L. and Houston, J.B.
 High-performance liquid chromatographic determination of β -naphthoflavone in biological fluids 160
 Advenier, C., see Spreux-Varoquaux, O. 311
 Aggazzotti, G.
 -, Predieri, G., Fantuzzi, G. and Benedetti, A.
 Headspace gas chromatographic analysis for determining low levels of chloroform in human plasma 125
 Autelitano, D.J., see Smith, A.I. 255
 Bailey, E.
 -, Farmer, P.B., Peal, J.A., Hotchkiss, S.A. and Caldwell, J.
 Analytical methodology to determine stable isotopically labelled and unlabelled theophylline in human plasma using capillary gas chromatography-mass spectrometry 81
 Baird-Lambert, J.A., see Gross, A.S. 400
 Barton, R.N., see Passingham, B.J. 25
 Bayne, W.F., see Chiou, R. 196
 Belenkii, B.G., see Maltsev, V.G. 45
 Belle, S.J.P. Van, see De Smet, M. 375
 Benedetti, A., see Aggazzotti, G. 125
 Beretta, E.
 -, Botturi, S., Ferrari, P., Tuan, G. and Zerilli, L.F.
 Identification of 5-hydroxypyrazinamide isolated from urine of subjects given pyrazinamide 144
 Berry, D.J., see Streete, J.M. 281
 Bertrand, M.J., see Steffenrud, S. 219
 Bialer, M., see Samara, E. 370
 Bohbot, M.
 -, Doare, L. and Diquet, B.
 Determination of a new benzamide, amisulpride, in human plasma by reversed-phase ion-pair high-performance liquid chromatography 414
 Booy, L.H.D.J., see Koopman-Kimenai, P.M. 382
 Borget, P., see Steffenrud, S. 219
 Botturi, S., see Beretta, E. 144
 Brown, K.F., see Gross, A.S. 400
 Caldwell, J., see Bailey, E. 81
 Cannell, G.R., see Hooper, W.D. 347
 Castello, G.
 -, Gerbino, T.C., Giacosa, A., Frascio, F. and Sukkar, S.G.
 Gas chromatographic evaluation of hydrogen in the breath as a diagnostic method for the study of intestinal digestion and absorption of dietary carbohydrates in man 119
 Chasseaud, L.F., see Wood, S.G. 154
 Cheng, M.C., see Smith, A.I. 255
 Cheymol, G., see Garnier-Moiroux, A. 183
 Chiou, R.
 -, Stubbs, R.J. and Bayne, W.F.
 Determination of ivermectin in human plasma and milk by high-performance liquid chromatography with fluorescence detection 196
 Christie, R.B., see Muirhead, D.C. 420
 Christopherson, R.J., see Early, R.J. 15
 Cohen, A.I.
 -, Jemal, M., Ivashkiv, E. and Ribick, M.
 Rationale for application of low-mass selection-ion detection in the quantitative body fluid assay of nadolol 445
 Cress-Tijhuis, M.W., see Koopman-Kimenai, P.M. 382
 Crolla, T., see Visconti, M. 433
 Dadgar, D.
 - and Power, A.
 Applications of column-switching technique in biopharmaceutical analysis. I. High-performance liquid chromatographic determination of amitriptyline and its metabolites in human plasma 99
 Debackere, M., see Delbeke, F.T. 443
 Delbeke, F.T.
 - and Debackere, M.
 High-sensitivity determination of nadolol in plasma with mass-selective detection 443
 De Smet, M.
 -, Van Belle, S.J.P., Seneca, V., Storme, G.A. and Massart, D.L.
 Determination of vinblastine in MO₄ mouse fibrosarcoma cells by high-performance liquid chromatography 375
 Dickinson, R.G., see Hooper, W.D. 347
 Diquet, B., see Bohbot, M. 414
 Doare, L., see Bohbot, M. 414
 Dolan, S., see Lau, C.E. 212
 Drijkoningen, G., see Koopman-Kimenai, P.M. 382
 Duff, G.A.
 -, Yeager, S.A., Singhal, A.K., Pestel, B.C., Ressner, J.M. and Foster, N.

- Separation of metalloporphyrins from metallation reactions by liquid chromatography and electrophoresis 71
- Early, R.J.
-, Thompson, J.R., Sedgwick, G.W., Kelly, J.M. and Christopherson, R.J.
Capillary gas chromatographic analysis of amino acids in blood and protein hydrolysates as *tert*-butyldimethylsilyl derivatives 15
- Evans, M.J., see Steffenrud, S. 219
- Fantuzzi, G., see Aggazzotti, G. 125
- Fanucchi, M.P., see Stevens, Y.-W. 203
- Farmer, P.B., see Bailey, E. 81
- Ferrari, P., see Beretta, E. 144
- Flaherty, M.D., see Henner, W.D. 426
- Foster, N., see Duff, G.A. 71
- Foster, R.T.
- and Jamali, F.
High-performance liquid chromatographic assay of ketoprofen enantiomers in human plasma and urine 388
- Foth, H., see Michaelis, H.C. 176
- Fraillon, P., see Mura, P. 303
- Frascio, F., see Castello, G. 119
- Friesen, W.T., see Owen, S.G. 293
- Fukuhara, K.
- and Matsuki, Y.
Simple method for the determination of pipemidic acid in biological fluids by high-performance liquid chromatography 409
- Fukui, M., see Kasuya, F. 189
- Furlong, E.A., see Henner, W.D. 426
- Gallo, D.G., see Kerns, E.H. 357
- Gallo, P.
-, Sidén, Å. and Tavolato, B.
Anion-exchange chromatography of normal and monoclonal serum immunoglobulins 53
- Garnier-Moiroux, A.
-, Poirier, J.-M., Cheymol, G. and Jaillon, P.
High-performance liquid chromatographic determination of pentoxyfylline and its hydroxy metabolite in human plasma 183
- Gerbino, T.C., see Castello, G. 119
- Giacosa, A., see Castello, G. 119
- Gross, A.S.
-, Brown, K.F., Baird-Lambert, J.A. and Nation, R.L.
Determination of ritodrine in blood and plasma by high-performance liquid chromatography with fluorescence detection 400
- Hamada, S., see Horikoshi, T. 353
- Hamazaki, H., see Iwase, H. 37
- Henner, W.D.
-, Furlong, E.A., Flaherty, M.D., Shea, T.C. and Peters, W.P.
Measurement of busulfan in plasma by high-performance liquid chromatography 426
- Herrero, P.
- and Roselli, R.J.
Computer analysis of proteins separated by polyacrylamide gradient pore gel electrophoresis 265
- Herrmann, T.
-, Steinhilber, D. and Roth, H.J.
Determination of leukotriene B₄ by high-performance liquid chromatography with electrochemical detection 170
- Hooper, W.D.
-, Cannell, G.R. and Dickinson, R.G.
Sensitive and selective assay of danazol in plasma by high-performance liquid chromatography 347
- Horikoshi, T.
-, Koga, T. and Hamada, S.
Thin-layer chromatography using multiple development for analysis of reaction products of sucrases 353
- Hotchkiss, S.A., see Bailey, E. 81
- Hotta, K., see Iwase, H. 37
- Houston, J.B., see Adedoyin, A. 160
- Hyánek, J., see Verner, P. 439
- Igarashi, K., see Kasuya, F. 189
- Ishii, I., see Iwase, H. 37
- Ivashkiv, E., see Cohen, A.I. 445
- Iwase, H.
-, Ishii, I., Kato, Y., Hamazaki, H., Hotta, K., Umezawa, A. and Kanzaki, T.
Subfractionation of the dansylated derivatives of glucosyl galactosyl hydroxylysine by liquid chromatography and its application to a specific α-1,2-glucosidase assay 37
- Jacobsen, D., see Øvrebo, S. 111
- Jaillon, P., see Garnier-Moiroux, A. 183
- Jamali, F., see Foster, R.T. 388
- Jemal, M., see Cohen, A.I. 445
- Kahl, G.F., see Michaelis, H.C. 176
- Kanzaki, T., see Iwase, H. 37
- Kasuya, F.
-, Igarashi, K. and Fukui, M.
Determination of six metabolites of oxybuprocaine in urine by high-performance liquid chromatography 189
- Kato, Y., see Iwase, H. 37
- Kelley, V., see Kelly, R.A. 247
- Kelly, J.M., see Early, R.J. 15
- Kelly, R.A.

- , O'Hara, D.S. and Kelley, V.
- High-performance liquid chromatographic separation of femtomolar quantities of endogenous carboxylic acids, including arachidonic acid metabolites, as 4-bromo-methyl-7-methoxycoumarin derivatives 247
- Kennedy, E.E., see Taylor, E.H. 365
- Kerns, E.H.
- , Russell, J.W. and Gallo, D.G.
- Determination of anagrelide in plasma by capillary gas chromatography-mass spectrometry 357
- Kester, M.B.
- , Saccar, C.L. and Mansmann, Jr., H.C.
- Microassay for the simultaneous determination of theophylline and dyphylline in serum by high-performance liquid chromatography 91
- Khvatov, A.B., see Maltsev, V.G. 45
- Kikuchi, M., see Miwa, H. 237
- Koga, T., see Horikoshi, T. 353
- Kohashi, K., see Tsuruta, Y. 63
- Kojima, K., see Sakai, T. 131
- Konečná, V., see Verner, P. 439
- Koopman, B.J.
- , Van der Molen, J.C., Wolthers, B.G. and Vanderpas, J.B.
- Determination of some hydroxycholesterols in human serum samples 1
- Koopman-Kimenai, P.M.
- , Vree, T.B., Cress-Tijhuis, M.W., Booy, L.H.D.J. and Drijkoningen, G.
- High-performance liquid chromatography and preliminary pharmacokinetics of nicomorphine and its metabolites 3-nicotinoyl- and 6-nicotinoylmorphine and morphine 382
- Labadarios, D., see Shephard, G.S. 138
- Lang, J.F., see Walker, B.J. 150
- Lau, C.E.
- , Dolan, S. and Tang, M.
- Microsample determination of diazepam and its three metabolites in serum by reversed-phase high-performance liquid chromatography 212
- Louw, M.E.J., see Shephard, G.S. 138
- McLean, J.D., see Nair, J.B. 340
- Magatsu, T., see Sakai, T. 131
- Maltsev, V.G.
- , Zimina, T.M., Khvatov, A.B. and Belenkii, B.G.
- Determination of myoglobin in human serum by high-performance liquid chromatography with chemiluminescence detec-
- tion 45
- Mansmann, Jr., H.C., see Kester, M.B. 91
- Massart, D.L., see De Smet, M. 375
- Matsuki, Y., see Fukuhara, K. 409
- Michaelis, H.C.
- , Foth, H. and Kahl, G.F.
- Determination of 5-fluoro-2'-deoxyuridine in human plasma by high-performance liquid chromatography with pre-column fluorimetric derivatization 176
- Miwa, H.
- , Yamamoto, M., Nishida, T., Nunoi, K. and Kikuchi, M.
- High-performance liquid chromatographic analysis of serum long-chain fatty acids by direct derivatization method 237
- Molen, J.C. van der, see Koopman, B.J. 1
- Moody, R.R., see Taylor, R.B. 394
- Moran, E.
- , O'Kennedy, R. and Thornes, R.D.
- Analysis of coumarin and its urinary metabolites by high-performance liquid chromatography 165
- Morin, D., see Spreux-Varoquaux, O. 311
- Muirhead, D.C.
- and Christie, R.B.
- Simple, sensitive and selective high-performance liquid chromatographic method for analysis of chlorthalidone in whole blood 420
- Munk, M.N., see Nair, J.B. 340
- Mura, P.
- , Piriou, A., Fraillon, P., Papet, Y. and Reiss, D.
- Screening procedure for benzodiazepines in biological fluids by high-performance liquid chromatography using a rapid-scanning multichannel detector 303
- Mutschler, E., see Pflugmann, G. 331
- Nair, J.B.
- , Munk, M.N. and McLean, J.D.
- Improved high-performance liquid chromatographic method with electrochemical detection for the determination of urinary catecholamines using a new electrochemical detector 340
- Nation, R.L., see Gross, A.S. 400
- Nilsson-Ehle, I.
- Assay of ciprofloxacin and norfloxacin in serum and urine by high-performance liquid chromatography 207
- Nishida, T., see Miwa, H. 237
- Nunoi, K., see Miwa, H. 237
- Ochekpe, N.A., see Taylor, R.B. 394

- O'Hara, D.S., see Kelly, R.A. 247
 Ohkura, Y., see Tsuruta, Y. 63
 O'Kennedy, R., see Moran, E. 165
 Okerholm, R.A., see Walker, B.J. 150
 Øvrebø, S.
 -, Jacobsen, D. and Sejersted, O.M.
 Determination of ionic metabolites from ethylene glycol in human blood by isotachophoresis 111
 Owen, S.G.
 -, Roberts, M.S. and Friesen, W.T.
 Rapid high-performance liquid chromatographic assay for the simultaneous analysis of non-steroidal anti-inflammatory drugs in plasma 293
 Papet, Y., see Mura, P. 303
 Pappas, A.A., see Taylor, E.H. 365
 Passingham, B.J.
 - and Barton, R.N.
 Application of high-performance liquid chromatography to the measurement of cortisol secretion rate 25
 Pays, M., see Spreux-Varoquaux, O. 311
 Peal, J.A., see Bailey, E. 81
 Pehal, F., see Verner, P. 439
 Pestel, B.C., see Duff, G.A. 71
 Peters, W.P., see Henner, W.D. 426
 Pflugmann, G.
 -, Spahn, H. and Mutschler, E.
 Rapid determination of the enantiomers of metoprolol, oxprenolol and propranolol in urine 331
 Pifferi, G., see Visconti, M. 433
 Pinza, M., see Visconti, M. 433
 Piriou, A., see Mura, P. 303
 Poirier, J.-M., see Garnier-Moiroux, A. 183
 Power, A., see Dadgar, D. 99
 Predieri, G., see Aggazzotti, G. 125
 Reiss, D., see Mura, P. 303
 Ressner, J.M., see Duff, G.A. 71
 Ribick, M., see Cohen, A.I. 445
 Roberts, M.S., see Owen, S.G. 293
 Roselli, R.J., see Herrero, P. 265
 Roth, H.J., see Herrmann, T. 170
 Russell, J.W., see Kerns, E.H. 357
 Saccar, C.L., see Kester, M.B. 91
 Sakai, T.
 -, Kojima, K. and Nagatsu, T.
 Rapid chromatographic purification of dipeptidyl-aminopeptidase II from human kidney 131
 Salari, H., see Steffenrud, S. 219
 Samara, E.
 - and Bialer, M.
- Rapid high-performance liquid chromatographic assay with pharmacokinetic applications for monitoring cannabidiol in plasma 370
 Schmidt, K., see Scholl, H. 321
 Scholl, H.
 -, Schmidt, K. and Weber, B.
 Sensitive and selective determination of picogram amounts of ciprofloxacin and its metabolites in biological samples using high-performance liquid chromatography and photothermal post-column derivatization 321
 Sedgwick, G.W., see Early, R.J. 15
 Sejersted, O.M., see Øvrebø, S. 111
 Seneca, V., see De Smet, M. 375
 Shea, T.C., see Henner, W.D. 426
 Shephard, G.S.
 -, Louw, M.E.J. and Labadarios, D.
 Analysis of vitamin B₆ vitamers in plasma by cation-exchange high-performance liquid chromatography 138
 Sidén, Å., see Gallo, P. 53
 Singhal, A.K., see Duff, G.A. 71
 Smet, M. De, see De Smet, M. 375
 Smith, A.I.
 -, Wallace, C.A., Cheng, M.C. and Autelitano, D.J.
 The combined use of size-exclusion and reversed-phase high-performance liquid chromatography for characterization of β -endorphin processing pathways 255
 Spahn, H., see Pflugmann, G. 331
 Spalluto, R., see Visconti, M. 433
 Spreux-Varoquaux, O.
 -, Morin, D., Advenier, C. and Pays, M.
 Determination of clomipramine and its hydroxylated and demethylated metabolites in plasma and urine by liquid chromatography with electrochemical detection 311
 Steffenrud, S.
 -, Borgeat, P., Salari, H., Evans, M.J. and Bertrand, M.J.
 Gas chromatography-mass spectrometry of monohydroxyeicosetetraenoic acids as their methyl esters trimethylsilyl, allyldimethylsilyl and *tert*-butyldimethylsilyl ethers 219
 Steinhilber, D., see Hermann, T. 170
 Stevens, Y.-W.
 -, Walsh, T.D. and Fanucchi, M.P.
 Quantitation of merbarone in human plasma by high-performance liquid chromatography 203
 Storme, G.A., see De Smet, M. 375

- Streete, J.M.
- and Berry, D.J.
 Gas chromatographic analysis of phenyl-ethylmalonamide in human plasma 281
- Stubbs, R.J., see Chiou, R. 196
- Sukkar, S.G., see Castello, G. 119
- Tang, M., see Lau, C.E. 212
- Tavolato, B., see Gallo, P. 53
- Taylor, E.H.
-, Kennedy, E.E. and Pappas, A.A.
 Determination of flecainide by gas chromatography-mass spectrometry 365
- Taylor, R.B.
-, Moody, R.R. and Ochekpe, N.A.
 Determination of proguanil and its metabolites cycloguanil and 4-chlorophenylbiguanide in plasma, whole blood and urine by high-performance liquid chromatography 394
- Thompson, J.R., see Early, R.J. 15
- Thornes, R.D., see Moran, E. 165
- Tomida, H., see Tsuruta, Y. 63
- Tsuruta, Y.
-, Tomida, H., Kohashi, K. and Ohkura, Y.
 Simultaneous determination of imidazole-acetic acid and N¹- and N²-methylimidazoleacetic acids in human urine by high-performance liquid chromatography with fluorescence detection 63
- Tuan, G., see Beretta, E. 144
- Umezawa, A., see Iwase, H. 37
- Van Belle, S.J.P., see De Smet, M. 375
- Van der Molen, J.C., see Koopman, B.J. 1
- Vanderpas, J.B., see Koopman, B.J. 1
- Verner, P.
-, Pehal, F., Konečná, V., Zeman, J. and Hyánek, J.
 Quantification of some glycols in urinary organic acid profiles of acutely ill newborns 439
- Visconti, M.
-, Spalluto, R., Crolla, T., Pifferi, G. and Pinza, M.
 Determination of oxiracetam in human serum and urine by high-performance liquid chromatography 433
- Vree, T.B., see Koopman-Kimenai, P.M. 382
- Walker, B.J.
-, Lang, J.F. and Okerholm, R.A.
 Quantitative analysis of dicyclomine in human plasma by capillary gas chromatography and nitrogen-selective detection 150
- Wallace, C.A., see Smith, A.I. 255
- Walsh, T.D., see Stevens, Y.-W. 203
- Weber, B., see Scholl, H. 321
- Wolthers, B.G., see Koopman, B.J. 1
- Wood, S.G.
- and Chasseaud, L.F.
 Determination of tulobuterol in human plasma by capillary gas chromatography 154
- Yamamoto, M., see Miwa, H. 237
- Yeager, S.A., see Duff, G.A. 71
- Zeman, J., see Verner, P. 439
- Zerilli, L.F., see Beretta, E. 144
- Zimina, T.M., see Maltsev, V.G. 45