



Author Index Vol. 1073

- Ahmad, A., see Bardin, S. 1073(2005)249
Ahmad, I., see Bardin, S. 1073(2005)249
Ahmad, I., see Singh, R. 1073(2005)347
Ahmad, K., see Saad, B. 1073(2005)393
Ahmad, Z., see Singh, R. 1073(2005)347
Airoldi, C., see Silva, C.R. 1073(2005)155
Ajagbe, M., see Singh, R. 1073(2005)347
Anyakora, C., Ogbeche, A., Palmer, P. and Coker, H.
 Determination of polynuclear aromatic hydrocarbons in marine samples of Siokolo Fishing Settlement 1073(2005)323
Auler, L.M.L.A., Silva, C.R., Collins, K.E. and Collins, C.H.
 New stationary phase for anion-exchange chromatography 1073(2005)147
Ayoub, J., see Bardin, S. 1073(2005)249
Balgley, B.M., see Wang, Y. 1073(2005)35
Bardin, S., Guo, W., Johnson, J.L., Khan, S., Ahmad, A., Duggan, J.X., Ayoub, J. and Ahmad, I.
 Liquid chromatographic-tandem mass spectrometric assay for the simultaneous quantification of Camptosar® and its metabolite SN-38 in mouse plasma and tissues 1073(2005)249
Bari, Md. Fazlul, see Saad, B. 1073(2005)393
Baron, G.V., see Billen, J. 1073(2005)53
Baron, G.V., see De Smet, J. 1073(2005)43
Bell, D.S. and Jones, A.D.
 Solute attributes and molecular interactions contributing to "U-shape" retention on a fluorinated high-performance liquid chromatography stationary phase 1073(2005)99
Bempong, D.K. and Bhattacharyya, L.
 Development and validation of a stability-indicating high-performance liquid chromatographic assay for ketoprofen topical penetrating gel 1073(2005)341
Bhamidipati, S., see Singh, R. 1073(2005)347
Bhattacharyya, L., see Bempong, D.K. 1073(2005)341
Billen, J., Gzil, P., Vervoort, N., Baron, G.V. and Desmet, G.
 Influence of the packing heterogeneity on the performance of liquid chromatography supports 1073(2005)53
Boschetti, E., see Guerrier, L. 1073(2005)25
Bose, D., see Capella-Peiró, M.-E. 1073(2005)277
Bose, D., see Martinavarro-Domínguez, A. 1073(2005)309
Broch, S.C., see Martinavarro-Domínguez, A. 1073(2005)309
Burri, B.J., see Seo, J.S. 1073(2005)371
Cameán, A.M., see Ruiz, M.J. 1073(2005)257
Capella-Peiró, M.-E., Bose, D., Gil-Agustí, M., Esteve-Romero, J. and Carda-Broch, S.
 Direct injection determination of benzoylegonine, heroin, 6-monoacetylmorphine and morphine in serum by MLC 1073(2005)277
Capella-Peiró, M.-E., see Martinavarro-Domínguez, A.
 1073(2005)309
Carda-Broch, S., see Capella-Peiró, M.-E. 1073(2005)277
Chan, C.-L., see Lu, G.-H. 1073(2005)383
Chan, K., see Lu, G.-H. 1073(2005)383
Chang, H.-T., see Lin, Y.-W. 1073(2005)191
Chen, Y.-F., see Lin, L.-C. 1073(2005)285
Coker, H., see Anyakora, C. 1073(2005)323
Collins, C.H., see Auler, L.M.L.A. 1073(2005)147
Collins, C.H., see Melo, L.F.C. 1073(2005)75
Collins, C.H., see Silva, C.R. 1073(2005)155
Collins, K.E., see Auler, L.M.L.A. 1073(2005)147
Collins, K.E., see Silva, C.R. 1073(2005)155
De Smet, J., Gzil, P., Vervoort, N., Verelst, H., Baron, G.V. and Desmet, G.
 On the optimisation of the bed porosity and the particle shape of ordered chromatographic separation media 1073(2005)43
Dennis, G.R., see Gray, M.J. 1073(2005)3
Dennis, G.R., see Kayillo, S. 1073(2005)83
Desmet, G., see Billen, J. 1073(2005)53
Desmet, G., see De Smet, J. 1073(2005)43
Dixon, A., see Huq, S. 1073(2005)355
Duggan, J.X., see Bardin, S. 1073(2005)249
Durbanshi, A., see Martinavarro-Domínguez, A. 1073(2005)309
Epstein, D.H., see Rodriguez-Rosas, M.E. 1073(2005)237
Esteve-Romero, J., see Capella-Peiró, M.-E. 1073(2005)277
Esteve-Romero, J., see Martinavarro-Domínguez, A. 1073(2005)309
Foley, J.P., see Mertzman, M.D. 1073(2005)181
Font, G., see Juan-García, A. 1073(2005)229
Freitag, R., see Jozwik, M. 1073(2005)111
Furuno, M., see Shintani, Y. 1073(2005)17
Füzfa, Zs., see Molnár-Perl, I. 1073(2005)201
Gil-Agustí, M., see Capella-Peiró, M.-E. 1073(2005)277
Gil-Agustí, M., see Martinavarro-Domínguez, A. 1073(2005)309
Gray, M.J., Dennis, G.R., Slonecker, P.J. and Shalliker, R.A.
 Utilising retention correlation for the separation of oligostyrenes by coupled-column liquid chromatography 1073(2005)3
Gray, M.J., see Kayillo, S. 1073(2005)83
Guerrier, L., Lomas, L. and Boschetti, E.
 A simplified monobuffer multidimensional chromatography for high-throughput proteome fractionation 1073(2005)25
Guo, W., see Bardin, S. 1073(2005)249
Gzil, P., see Billen, J. 1073(2005)53
Gzil, P., see De Smet, J. 1073(2005)43
Hirako, K., see Shintani, Y. 1073(2005)17
Hosoya, K., Ogata, T., Watabe, Y., Kubo, T., Ikegami, T., Tanaka, N., Minakuchi, H. and Nakanishi, K.
 Silica monolithic membrane as separation medium. Summable property of different membranes for high-performance liquid chromatographic separation 1073(2005)123
Hosoya, K., see Watabe, Y. 1073(2005)363
Howerton, S.B., see McGuffin, V.L. 1073(2005)63
Huang, S.-M., Tsai, T.-R., Yeh, P.-H. and Tsai, T.-H.
 Measurement of unbound ranitidine in blood and bile of anesthetized rats using microdialysis coupled to liquid chromatography and its pharmacokinetic application 1073(2005)297

- Huq, S., Dixon, A., Kelly, K. and Kallury, K.M.R.
Novel solid-phase extraction protocol for 11-nor-9-carboxy- Δ^9 -tetrahydrocannabinol from urine samples employing a polymeric mixed-mode cation-exchange resin, Strata-X-C, suitable for gas chromatography-mass spectrometry or liquid chromatography-mass spectrometry analysis 1073(2005)355
- Ihara, H., see Shundo, A. 1073(2005)169
- Iiguni, Y. and Watarai, H.
New principle of electromagnetophoretic adsorption-desorption microchromatography 1073(2005)93
- Ikegami, T., see Hosoya, K. 1073(2005)123
- Iwano, T., see Shintani, Y. 1073(2005)17
- Jardim, I.C.S.F., see Melo, L.F.C. 1073(2005)75
- Jardim, I.C.S.F., see Morais, L.S.R. 1073(2005)127
- Jayanta, S., see Leepipatpiboon, N. 1073(2005)331
- Jiang, Z.-H., see Lu, G.-H. 1073(2005)383
- Johnson, J.L., see Bardin, S. 1073(2005)249
- Jones, A.D., see Bell, D.S. 1073(2005)99
- Jozwik, M., Kaczmarski, K. and Freitag, R.
Investigation of the steric mass action formalism in the simulation of breakthrough curves on a monolithic and a packed bed column 1073(2005)111
- Juan-García, A., Picó, Y. and Font, G.
Capillary electrophoresis for analyzing pesticides in fruits and vegetables using solid-phase extraction and stir-bar sorptive extraction 1073(2005)229
- Kaczmarski, K., see Jozwik, M. 1073(2005)111
- Kallury, K.M.R., see Huq, S. 1073(2005)355
- Kanda, T., see Kobayashi, A. 1073(2005)163
- Kayillo, S., Gray, M.J., Shalliker, R.A. and Dennis, G.R.
Molecular differences between deuterated and protonated polystyrenes using reversed-phase high-performance liquid chromatography 1073(2005)83
- Kelly, K., see Huq, S. 1073(2005)355
- Khan, S., see Bardin, S. 1073(2005)249
- Kobayashi, A., Takezawa, K., Takasaki, H., Kanda, T. and Kutsuna, H.
Synthesis and characterization of stable polymer-coated C₈ stationary phase with high durability under extreme pH conditions for high-performance liquid chromatography 1073(2005)163
- Kondo, T., see Watabe, Y. 1073(2005)363
- Kubo, T., see Hosoya, K. 1073(2005)123
- Kubo, T., see Watabe, Y. 1073(2005)363
- Kutsuna, H., see Kobayashi, A. 1073(2005)163
- Lee, C.S., see Wang, Y. 1073(2005)35
- Lee, H., see Qiu, J. 1073(2005)263
- Leepipatpiboon, N., Sae-Khow, O. and Jayanta, S.
Simultaneous determination of bisphenol-A-diglycidyl ether, bisphenol-F-diglycidyl ether, and their derivatives in oil-in-water and aqueous-based canned foods by high-performance liquid chromatography with fluorescence detection 1073(2005)331
- Leung, K., see Lu, G.-H. 1073(2005)383
- Li, X., see McGuffin, V.L. 1073(2005)63
- Liang, Y.-Z., see Lu, G.-H. 1073(2005)383
- Lin, L.-C., Yang, K.-Y., Chen, Y.-F., Wang, S.-C. and Tsai, T.-H.
Measurement of daphnoretin in plasma of freely moving rat by liquid chromatography 1073(2005)285
- Lin, Y.-W. and Chang, H.-T.
Modification of poly(methyl methacrylate) microchannels for highly efficient and reproducible electrophoretic separations of double-stranded DNA 1073(2005)191
- Lo, J.T.-M., see Nesbitt, C.A. 1073(2005)175
- Lomas, L., see Guerrier, L. 1073(2005)25
- Lu, G.-H., Chan, K., Liang, Y.-Z., Leung, K., Chan, C.-L., Jiang, Z.-H. and Zhao, Z.-Z.
Development of high-performance liquid chromatographic fingerprints for distinguishing Chinese Angelica from related umbelliferae herbs 1073(2005)383
- Martinavarro-Domínguez, A., Bose, D., Durgbanshi, A., Gil-Agustí, M., Capella-Péiró, M.-E., Broch, S.C. and Esteve-Romero, J.
Monitoring bronchodilators with direct injection 1073(2005)309
- McCalley, D.V.
Comparison of an organic polymeric column and a silica-based reversed-phase for the analysis of basic peptides by high-performance liquid chromatography 1073(2005)137
- McGuffin, V.L., Howerton, S.B. and Li, X.
Thermodynamic and kinetic characterization of nitrogen-containing polycyclic aromatic hydrocarbons in reversed-phase liquid chromatography 1073(2005)63
- Medrano, J.G., see Rodriguez-Rosas, M.E. 1073(2005)237
- Melo, L.F.C., Collins, C.H. and Jardim, I.C.S.F.
High-performance liquid chromatographic determination of pesticides in tomatoes using laboratory-made NH₂ and C₁₈ solid-phase extraction materials 1073(2005)75
- Mertzman, M.D. and Foley, J.P.
Temperature effects on chiral microemulsion electrokinetic chromatography employing the chiral surfactant dodecoxycarbonylvaline 1073(2005)181
- Minakuchi, H., see Hosoya, K. 1073(2005)123
- Minakuchi, H., see Shintani, Y. 1073(2005)17
- Mizogami, M., see Tsuchiya, H. 1073(2005)303
- Molnár-Perl, I. and Füzfai, Zs.
Chromatographic, capillary electrophoretic and capillary electrochromatographic techniques in the analysis of flavonoids (Review) 1073(2005)201
- Moolchan, E.T., see Rodriguez-Rosas, M.E. 1073(2005)237
- Morais, L.S.R. and Jardim, I.C.S.F.
Characterization of a new stationary phase based on microwave immobilized polybutadiene on titanium oxide-modified silica 1073(2005)127
- Moreno, I.M., see Ruiz, M.J. 1073(2005)257
- Morita, M., see Watabe, Y. 1073(2005)363
- Motokawa, M., see Shintani, Y. 1073(2005)17
- Nagaoka, S., see Shundo, A. 1073(2005)169
- Nakanishi, K., see Hosoya, K. 1073(2005)123
- Neidlinger, T.R., see Seo, J.S. 1073(2005)371
- Nesbitt, C.A., Lo, J.T.-M. and Yeung, K.K.-C.
Over 1000-fold protein preconcentration for microliter-volume samples at a pH junction using capillary electrophoresis 1073(2005)175
- Ogata, T., see Hosoya, K. 1073(2005)123
- Ogbeche, A., see Anyakora, C. 1073(2005)323
- Pack, B.W. and Risley, D.S.
Evaluation of a monolithic silica column operated in the hydrophilic interaction chromatography mode with evaporative light scattering detection for the separation and detection of counter-ions 1073(2005)269
- Palmer, P., see Anyakora, C. 1073(2005)323
- Picó, Y., see Juan-García, A. 1073(2005)229
- Picó, Y., see Ruiz, M.J. 1073(2005)257
- Popovici, S.-T. and Schoenmakers, P.J.
Poppe plots for size-exclusion chromatography 1073(2005)87
- Potipan, L., see Threeprom, J. 1073(2005)291
- Preston, K.L., see Rodriguez-Rosas, M.E. 1073(2005)237
- Purachaka, S., see Threeprom, J. 1073(2005)291
- Qiu, J., Lee, H. and Zhou, C.
Analysis of guanidine in high salt and protein matrices by cation-exchange chromatography and UV detection 1073(2005)263
- Quan, Z., see Seo, J.S. 1073(2005)371
- Risley, D.S., see Pack, B.W. 1073(2005)269
- Rodriguez-Rosas, M.E., Medrano, J.G., Epstein, D.H., Moolchan, E.T., Preston, K.L. and Wainer, I.W.
Determination of total and free concentrations of the enantiomers of methadone and its metabolite (2-ethylidene-1,5-dimethyl-3,3-diphenyl-pyrrolidine) in human plasma by enantioselective liquid chromatography with mass spectrometric detection 1073(2005)237

- Rogatsky, E. and Stein, D.
Novel, highly robust method of carbohydrate pre-purification by two-dimensional liquid chromatography prior to liquid chromatography/mass spectrometry or gas chromatography/mass spectrometry 1073(2005)11
- Rudnick, P.A., see Wang, Y. 1073(2005)35
- Ruiz, M.J., Cameán, A.M., Moreno, I.M. and Picó, Y.
Determination of microcystins in biological samples by matrix solid-phase dispersion and liquid chromatography–mass spectrometry 1073(2005)257
- Saad, B., Bari, Md. Fazlul, Saleh, M.I., Ahmad, K. and Talib, Mohd. Khairuddin Mohd.
Simultaneous determination of preservatives (benzoic acid, sorbic acid, methylparaben and propylparaben) in foodstuffs using high-performance liquid chromatography 1073(2005)393
- Sae-Khow, O., see Leepipatpiboon, N. 1073(2005)331
- Sakurai, T., see Shundo, A. 1073(2005)169
- Saleh, M.I., see Saad, B. 1073(2005)393
- Schmidt, A.H.
Fast HPLC for quality control of *Harpagophytum procumbens* by using a monolithic silica column: method transfer from conventional particle-based silica column 1073(2005)377
- Schoenmakers, P.J., see Popovici, S.-T. 1073(2005)87
- Schure, M.R.
Foreword 1073(2005)1
- Seo, J.S., Burri, B.J., Quan, Z. and Neidlinger, T.R.
Extraction and chromatography of carotenoids from pumpkin 1073(2005)371
- Shalliker, R.A., see Gray, M.J. 1073(2005)3
- Shalliker, R.A., see Kayillo, S. 1073(2005)83
- Shintani, Y., Hirako, K., Motokawa, M., Iwano, T., Zhou, X., Takano, Y., Furuno, M., Minakuchi, H. and Ueda, M.
Development of miniaturized multi-channel high-performance liquid chromatography for high-throughput analysis 1073(2005)17
- Shundo, A., Sakurai, T., Takafuji, M., Nagaoka, S. and Ihara, H.
Molecular-length and chiral discriminations by β -structural poly(L-alanine) on silica 1073(2005)169
- Silva, C.R., Airoldi, C., Collins, K.E. and Collins, C.H.
Titanized silicas, modified by C_{18} , as promising stationary phases for high pH separations 1073(2005)155
- Silva, C.R., see Auler, L.M.L.A. 1073(2005)147
- Singh, R., Ajagbe, M., Bhamidipati, S., Ahmad, Z. and Ahmad, I.
A rapid isocratic high-performance liquid chromatography method for determination of cholesterol and 1,2-dioleoyl-*sn*-glycero-3-phosphocholine in liposome-based drug formulations 1073(2005)347
- Slonecker, P.J., see Gray, M.J. 1073(2005)3
- Stein, D., see Rogatsky, E. 1073(2005)11
- Takafuji, M., see Shundo, A. 1073(2005)169
- Takakura, K., see Tsuchiya, H. 1073(2005)303
- Takano, Y., see Shintani, Y. 1073(2005)17
- Takasaki, H., see Kobayashi, A. 1073(2005)163
- Takezawa, K., see Kobayashi, A. 1073(2005)163
- Talib, Mohd. Khairuddin Mohd., see Saad, B. 1073(2005)393
- Tanaka, N., see Hosoya, K. 1073(2005)123
- Tanaka, N., see Watabe, Y. 1073(2005)363
- Threepprom, J., Purachaka, S. and Potipan, L.
Simultaneous determination of Cr(III)-EDTA and Cr(VI) by ion interaction chromatography using a C_{18} column 1073(2005)291
- Tsai, T.-H., see Huang, S.-M. 1073(2005)297
- Tsai, T.-H., see Lin, L.-C. 1073(2005)285
- Tsai, T.-H.
Concurrent measurement of unbound genistein in the blood, brain and bile of anesthetized rats using microdialysis and its pharmacokinetic application 1073(2005)317
- Tsai, T.-R., see Huang, S.-M. 1073(2005)297
- Tsuchiya, H., Mizogami, M. and Takakura, K.
Reversed-phase liquid chromatographic retention and membrane activity relationships of local anesthetics 1073(2005)303
- Ueda, M., see Shintani, Y. 1073(2005)17
- Verelst, H., see De Smet, J. 1073(2005)43
- Vervoort, N., see Billen, J. 1073(2005)53
- Vervoort, N., see De Smet, J. 1073(2005)43
- Wainer, I.W., see Rodriguez-Rosas, M.E. 1073(2005)237
- Wang, S.-C., see Lin, L.-C. 1073(2005)285
- Wang, Y., Balgley, B.M., Rudnick, P.A. and Lee, C.S.
Effects of chromatography conditions on intact protein separations for top-down proteomics 1073(2005)35
- Watabe, Y., Hosoya, K., Tanaka, N., Kubo, T., Kondo, T. and Morita, M.
Novel surface modified molecularly imprinted polymer focused on the removal of interference in environmental water samples for chromatographic determination 1073(2005)363
- Watabe, Y., see Hosoya, K. 1073(2005)123
- Watarai, H., see Iguchi, Y. 1073(2005)93
- Yang, K.-Y., see Lin, L.-C. 1073(2005)285
- Yeh, P.-H., see Huang, S.-M. 1073(2005)297
- Yeung, K.K.-C., see Nesbitt, C.A. 1073(2005)175
- Zhao, Z.-Z., see Lu, G.-H. 1073(2005)383
- Zhou, C., see Qiu, J. 1073(2005)263
- Zhou, X., see Shintani, Y. 1073(2005)17