



## Author Index Vol. 1053

- Albertinetti, M., see Hattan, S.J. 1053(2004)291
- Allen, L., Weinberger, J. and Weinberger, R.  
Determination of impurities in the drug 5-aminosalicylic acid by micellar electrokinetic capillary chromatography using an electrolyte pH that approaches the isoelectric point of the parent compound 1053(2004)217
- Andrews, C.L., Yu, C.-P., Yang, E. and Vouros, P.  
Improved liquid chromatography–mass spectrometry performance in quantitative analysis using a nanosplitter interface 1053(2004)151
- Armstrong, D.W., see Zhang, B. 1053(2004)89
- Belenky, A., Hughes, D., Korneev, A. and Dunayevskiy, Y.  
Capillary electrophoretic approach to screen for enzyme inhibitors in natural extracts 1053(2004)247
- Boček, P., see Foret, F. 1053(2004)43
- Bondarenko, P.V., see Dillon, T.M. 1053(2004)299
- Cantin, G.T. and Yates, J.R. III  
Strategies for shotgun identification of post-translational modifications by mass spectrometry (Review) 1053(2004)7
- Chan, K.C., see Issaq, H.J. 1053(2004)37
- Chen, Y., see Hodges, R.S. 1053(2004)161
- Chiu, N.H.L., see Li, G. 1053(2004)253
- Citterio, A., see Righetti, P.G. 1053(2004)15
- Citterio, A., see Sebastian, R. 1053(2004)235
- de Jong, G.J., see Tempels, F.W.A. 1053(2004)263
- Dillon, T.M., Bondarenko, P.V. and Speed Ricci, M.  
Development of an analytical reversed-phase high-performance liquid chromatography–electrospray ionization mass spectrometry method for characterization of recombinant antibodies 1053(2004)299
- Dunayevskiy, Y., see Belenky, A. 1053(2004)247
- Eckerskorn, C., see Wang, Y. 1053(2004)269
- El-Shafey, A., see Li, G. 1053(2004)253
- Engelhardt, H.  
Barry Karger 65 1053(2004)5
- Fehniger, T.E., see Marko-Varga, G.A. 1053(2004)279
- Foret, F., Klepárník, K., Gebauer, P. and Boček, P.  
Ionic boundaries in biological capillary electrophoresis (Review) 1053(2004)43
- Fréchet, J.M.J., see Hilder, E.F. 1053(2004)101
- Gebauer, P., see Foret, F. 1053(2004)43
- Gelfi, C., see Righetti, P.G. 1053(2004)15
- Giese, R.W., see Shimelis, O. 1053(2004)143
- Gritti, F. and Guiochon, G.  
Adsorption isotherms of the fullerenes C<sub>60</sub> and C<sub>70</sub> on a tetraphenyl-porphyrin-bonded silica 1053(2004)59
- Guiochon, G.  
Honoring Barry L. Karger 1053(2004)3
- Guiochon, G., see Gritti, F. 1053(2004)59
- Guttman, A., see Szantai, E. 1053(2004)241
- Guttman, A. and Horváth, Cs.  
Barry: recognition, recent events and philosophy (Foreword) 1053(2004)1
- Hancock, W.S., see Wang, Y. 1053(2004)269
- Hancock, W.S., see Yang, Z. 1053(2004)79
- Hattan, S.J., Marchese, J., Albertinetti, M., Krishnan, S., Khainovski, N. and Juhasz, P.  
Effect of solvent composition on signal intensity in liquid chromatography–matrix-assisted laser desorption ionization experiments 1053(2004)291
- Herrero-Martínez, J.M., Schoenmakers, P.J. and Kok, W.Th.  
Determination of the amylose–amylopectin ratio of starches by iodine-affinity capillary electrophoresis 1053(2004)227
- Hilder, E.F., Svec, F. and Fréchet, J.M.J.  
Latex-functionalized monolithic columns for the separation of carbohydrates by micro anion-exchange chromatography 1053(2004)101
- Hjertén, S., Mohabbati, S. and Westerlund, D.  
Influence of ignored and well-known zone distortions on the separation performance of proteins in capillary free zone electrophoresis with special reference to analysis in polyacrylamide-coated fused silica capillaries in various buffers. I. Theoretical studies 1053(2004)181
- Hjertén, S., see Mohabbati, S. 1053(2004)201
- Hodges, R.S., Chen, Y., Kopecky, E. and Mant, C.T.  
Monitoring the hydrophilicity/hydrophobicity of amino acid side-chains in the non-polar and polar faces of amphipathic  $\alpha$ -helices by reversed-phase and hydrophilic interaction/cation-exchange chromatography 1053(2004)161
- Horváth, Cs., see Guttman, A. 1053(2004)1
- Horváth, Cs., see Shi, Y. 1053(2004)27
- Huber, C.G., see Walcher, W. 1053(2004)107
- Hughes, D., see Belenky, A. 1053(2004)247
- Ingendoh, A., see Walcher, W. 1053(2004)107
- Issaq, H.J., Janini, G.M., Chan, K.C. and Veenstra, T.D.  
Sheathless electrospray ionization interfaces for capillary electrophoresis–mass spectrometric detection. Advantages and limitations (Review) 1053(2004)37
- Janini, G.M., see Issaq, H.J. 1053(2004)37
- Jia, L., Tanaka, N. and Terabe, S.  
Capillary liquid chromatographic determination of cellular flavins 1053(2004)71
- Juhasz, P., see Hattan, S.J. 1053(2004)291
- Kachman, M.T., see Zhu, K. 1053(2004)133
- Khainovski, N., see Hattan, S.J. 1053(2004)291
- Klepárník, K., see Foret, F. 1053(2004)43
- Kok, W.Th., see Herrero-Martínez, J.M. 1053(2004)227
- Kopecky, E., see Hodges, R.S. 1053(2004)161
- Korneev, A., see Belenky, A. 1053(2004)247
- Krawinkel, K.H., Maier, N.M., Sajovic, E. and Lindner, W.  
Novel urea-linked cinchona-calixarene hybrid-type receptors for efficient chromatographic enantiomer separation of carbamate-protected cyclic amino acids 1053(2004)119
- Krishnan, S., see Hattan, S.J. 1053(2004)291
- Krull, I.S., see Li, G. 1053(2004)253

- Kyriakou, I.K., see Tempels, F.W.A. 1053(2004)263
- Lee, J.-y., Li, H.-W. and Yeung, E.S.  
Single-molecule spectroscopy for molecular identification in capillary electrophoresis 1053(2004)173
- Li, G., see Shimelis, O. 1053(2004)143
- Li, G., Zhou, X., Wang, Y., El-Shafey, A., Chiu, N.H.L. and Krull, I.S.  
Capillary isoelectric focusing and affinity capillary electrophoresis approaches for the determination of binding constants for antibodies to the prion protein 1053(2004)253
- Li, H.-W., see Lee, J.-y. 1053(2004)173
- Lindner, W., see Krawinkel, K.H. 1053(2004)119
- Lubman, D.M., see Zhu, K. 1053(2004)133
- Maier, N.M., see Krawinkel, K.H. 1053(2004)119
- Mant, C.T., see Hodges, R.S. 1053(2004)161
- Marchese, J., see Hattan, S.J. 1053(2004)291
- Marko-Varga, G.A. and Fehniger, T.E.  
Microscale protein expression profiling during disease evolution 1053(2004)279
- Miller, F.R., see Zhu, K. 1053(2004)133
- Mohabbati, S., Hjertén, S. and Westerlund, D.  
Influence of ignored and well-known zone distortions on the separation performance of proteins in capillary free zone electrophoresis with special reference to analysis in polyacrylamide-coated fused silica capillaries in various buffers. II. Experimental studies at acidic pH with on-line enrichment (Review) 1053(2004)201
- Mohabbati, S., see Hjertén, S. 1053(2004)181
- Palmer-Toy, D., see Wang, Y. 1053(2004)269
- Ramis-Ramos, G., see Sebastian, R. 1053(2004)235
- Righetti, P.G., Gelfi, C., Sebastian, R. and Citterio, A.  
Surfing silica surfaces superciliously (Review) 1053(2004)15
- Righetti, P.G., see Sebastian, R. 1053(2004)235
- Ronai, Z., see Szantai, E. 1053(2004)241
- Sajovic, E., see Krawinkel, K.H. 1053(2004)119
- Sasvari-Szekely, M., see Szantai, E. 1053(2004)241
- Schoenmakers, P.J., see Herrero-Martinez, J.M. 1053(2004)227
- Sebastian, R., Citterio, A., Righetti, P.G., Simó-Alfonso, E. and Ramis-Ramos, G.  
Separation of fatty alcohol polyethoxylates by capillary electrophoresis through easy electroosmotic flow control with a quaternary diammonium salt 1053(2004)235
- Sebastian, R., see Righetti, P.G. 1053(2004)15
- Shi, Y., Xiang, R., Horváth, Cs. and Wilkins, J.A.  
The role of liquid chromatography in proteomics (Review) 1053(2004)27
- Shimelis, O., Zhou, X., Li, G. and Giese, R.W.  
Phenolic extraction of DNA from mammalian tissues and conversion to deoxyribonucleoside-5'-monophosphates devoid of ribonucleotides 1053(2004)143
- Simó-Alfonso, E., see Sebastian, R. 1053(2004)235
- Somsen, G.W., see Tempels, F.W.A. 1053(2004)263
- Soukup, R., see Zhang, B. 1053(2004)89
- Speed Ricci, M., see Dillon, T.M. 1053(2004)299
- Svec, F., see Hilder, E.F. 1053(2004)101
- Szantai, E., Szilagyi, A., Guttman, A., Sasvari-Szekely, M. and Ronai, Z.  
Genotyping and haplotyping of the dopamine D4 receptor gene by capillary electrophoresis 1053(2004)241
- Szilagyi, A., see Szantai, E. 1053(2004)241
- Tanaka, N., see Jia, L. 1053(2004)71
- Teeuwesen, J., see Tempels, F.W.A. 1053(2004)263
- Tempels, F.W.A., Teeuwesen, J., Kyriakou, I.K., Theodoridis, G., Underberg, W.J.M., Somsen, G.W. and de Jong, G.J.  
Chromatographic preconcentration coupled on-line to capillary electrophoresis via a Tee-split interface 1053(2004)263
- Terabe, S., see Jia, L. 1053(2004)71
- Theodoridis, G., see Tempels, F.W.A. 1053(2004)263
- Toll, H., see Walcher, W. 1053(2004)107
- Underberg, W.J.M., see Tempels, F.W.A. 1053(2004)263
- Veenstra, T.D., see Issaq, H.J. 1053(2004)37
- Vourou, P., see Andrews, C.L. 1053(2004)151
- Walcher, W., Toll, H., Ingendoh, A. and Huber, C.G.  
Operational variables in high-performance liquid chromatography-electrospray ionization mass spectrometry of peptides and proteins using poly(styrene-divinylbenzene) monoliths 1053(2004)107
- Wang, Y., Hancock, W.S., Weber, G., Eckerskorn, C. and Palmer-Toy, D.  
Free flow electrophoresis coupled with liquid chromatography-mass spectrometry for a proteomic study of the human cell line (K562/CR3) 1053(2004)269
- Wang, Y., see Li, G. 1053(2004)253
- Weber, G., see Wang, Y. 1053(2004)269
- Weinberger, J., see Allen, L. 1053(2004)217
- Weinberger, R., see Allen, L. 1053(2004)217
- Westerlund, D., see Hjertén, S. 1053(2004)181
- Westerlund, D., see Mohabbati, S. 1053(2004)201
- Wilkins, J.A., see Shi, Y. 1053(2004)27
- Xiang, R., see Shi, Y. 1053(2004)27
- Yang, E., see Andrews, C.L. 1053(2004)151
- Yang, Z. and Hancock, W.S.  
Approach to the comprehensive analysis of glycoproteins isolated from human serum using a multi-lectin affinity column 1053(2004)79
- Yates, J.R. III, see Cantin, G.T. 1053(2004)7
- Yeung, E.S., see Lee, J.-y. 1053(2004)173
- Yu, C.-P., see Andrews, C.L. 1053(2004)151
- Zand, R., see Zhu, K. 1053(2004)133
- Zhang, B., Soukup, R. and Armstrong, D.W.  
Selective separations of peptides with sequence deletions, single amino acid polymorphisms, and/or epimeric centers using macrocyclic glycopeptide liquid chromatography stationary phases 1053(2004)89
- Zhou, X., see Li, G. 1053(2004)253
- Zhou, X., see Shimelis, O. 1053(2004)143
- Zhu, K., Kachman, M.T., Miller, F.R., Lubman, D.M. and Zand, R.  
Use of two-dimensional liquid fractionation for separation of proteins from cell lysates without the presence of methionine oxidation 1053(2004)133