



ELSEVIER

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

SCIENCE @ DIRECT®

Journal of Chromatography A, 1014 (2003) 235–238

JOURNAL OF  
CHROMATOGRAPHY A

[www.elsevier.com/locate/chroma](http://www.elsevier.com/locate/chroma)

## Author Index Vols. 1013 and 1014

- Akbari, A. and Albregtsen, F.  
Normalizing the background and removing the trend in one-dimensional DNA fingerprint images 1014(2003)11
- Albregtsen, F., see Akbari, A. 1014(2003)11
- Andersson, H., see Russom, A. 1014(2003)37
- Ban, E., see Han, K.-Y. 1013(2003)215
- Ban, E., see Lee, J. 1014(2003)189
- Baron, G.V., see Pappaert, K. 1014(2003)1
- Bartel, S., see Kaiser, T. 1013(2003)157
- Bartel, S., see Wittke, S. 1013(2003)173
- Bayle, C., Siri, N., Poinot, V., Treilhou, M., Caussé, E. and Couderc, F.  
Analysis of tryptophan and tyrosine in cerebrospinal fluid by capillary electrophoresis and “ball lens” UV-pulsed laser-induced fluorescence detection 1013(2003)123
- Bedair, M. and El Rassi, Z.  
Capillary electrochromatography with monolithic stationary phases. II. Preparation of cationic stearyl-acrylate monoliths and their electrochromatographic characterization 1013(2003)35
- Bedair, M. and El Rassi, Z.  
Capillary electrochromatography with monolithic stationary phases. III. Evaluation of the electrochromatographic retention of neutral and charged solutes on cationic stearyl-acrylate monoliths and the separation of water-soluble proteins and membrane proteins 1013(2003)47
- Blaschke, G., see Horstkötter, C. 1014(2003)71
- Bolla, D., see Deng, Y. 1013(2003)191
- Breadmore, M.C., Procházková, A., Theurillat, R. and Thormann, W.  
Determination of itraconazole and hydroxyitraconazole in human serum and plasma by micellar electrokinetic chromatography 1014(2003)57
- Britz-McKibbin, P., Ichihashi, T., Tsubota, K., Chen, D.D.Y. and Terabe, S.  
Complementary on-line preconcentration strategies for steroids by capillary electrophoresis 1013(2003)65
- Caussé, E., see Bayle, C. 1013(2003)123
- Chang, H.-T., see Lin, Y.-W. 1014(2003)47
- Chang, J.K., see Heo, Y.S. 1013(2003)111
- Charvátová, J., see Deyl, Z. 1013(2003)233
- Chayama, K., see Takeda, S. 1014(2003)103
- Chen, D.D.Y., see Britz-McKibbin, P. 1013(2003)65
- Chiou, S.-S., see Kuo, C.-Y. 1014(2003)93
- Cho, K., see Heo, Y.S. 1013(2003)111
- Chung, C., see Heo, Y.S. 1013(2003)111
- Chung, S., see Heo, Y.S. 1013(2003)111
- Clicq, D., see Pappaert, K. 1014(2003)1
- Cogliandro, E., see Corradini, D. 1013(2003)221
- Corradini, D., Cogliandro, E., D’Alessandro, L. and Nicoletti, I.  
Influence of electrolyte composition on the electroosmotic flow and electrophoretic mobility of proteins and peptides 1013(2003)221
- Costin, C.D., Olund, R.K., Staggemeier, B.A., Torgerson, A.K. and Synovec, R.E.  
Diffusion coefficient measurement in a microfluidic analyzer using dual-beam microscale-refractive index gradient detection. Application to on-chip molecular size determination 1013(2003)77
- Couderc, F., see Bayle, C. 1013(2003)123
- Covey, T., see Liu, C.C. 1013(2003)9
- da Silva, C.L., de Lima, E.C. and Tavares, M.F.M.  
Investigation of preconcentration strategies for the trace analysis of multi-residue pesticides in real samples by capillary electrophoresis 1014(2003)109
- D’Alessandro, L., see Corradini, D. 1013(2003)221
- de Lima, E.C., see da Silva, C.L. 1014(2003)109
- Dempsey, E., see Fogarty, B. 1014(2003)129
- Dempsey, E., see Regan, F. 1014(2003)141
- Deng, W., see Yang, W.-P. 1014(2003)203
- Deng, Y., Wellons, A., Bolla, D., Krzyaniak, M. and Wylie, H.  
Separation and identification of photodegradation products of benzoic acid by capillary zone electrophoresis 1013(2003)191
- Desmet, G., see Pappaert, K. 1014(2003)1
- Deyl, Z., Mikšík, I., Charvátová, J. and Eckhardt, A.  
Comparison of the electrophoretic separation of proteins in capillaries with different inner diameter 1013(2003)233
- Dutta, B., see Pappaert, K. 1014(2003)1
- Eckhardt, A., see Deyl, Z. 1013(2003)233
- El Rassi, Z., see Bedair, M. 1013(2003)35
- El Rassi, Z., see Bedair, M. 1013(2003)47
- Emmett, M.R.  
Determination of post-translational modifications of proteins by high-sensitivity, high-resolution Fourier transform ion cyclotron resonance mass spectrometry 1013(2003)203

- Feng, H.-T., Yuan, L.-L. and Li, S.F.Y.  
Analysis of Chinese medicine preparations by capillary electrophoresis–mass spectrometry 1014(2003)83
- Fliser, D., see Kaiser, T. 1013(2003)157
- Fliser, D., see Wittke, S. 1013(2003)173
- Fogarty, B., Dempsey, E. and Regan, F.  
Potential of microemulsion electrokinetic chromatography for the separation of priority endocrine disrupting compounds 1014(2003)129
- Fogarty, B., see Regan, F. 1014(2003)141
- Fukushi, K., see Miyado, T. 1014(2003)197
- Fukushi, K., see Takeda, S. 1014(2003)103
- Fules, P., see Guttman, M. 1014(2003)21
- Gajdošová, D., Novotná, K., Prošek, P. and Havel, J.  
Separation and characterization of humic acids from Antarctica by capillary electrophoresis and matrix-assisted laser desorption ionization time-of-flight mass spectrometry. Inclusion complexes of humic acids with cyclodextrins 1014(2003)117
- Golovko, I., see Kaiser, T. 1013(2003)157
- Golovko, I., see Wittke, S. 1013(2003)173
- Gunay, N.S. and Linhardt, R.J.  
Capillary electrophoretic separation of heparin oligosaccharides under conditions amenable to mass spectrometric detection 1014(2003)225
- Guttman, A., see Paulus, A. 1013(2003)1
- Guttman, A., see Guttman, M. 1014(2003)21
- Guttman, A., Shi, L., Khandurina, J. and Wang, X.  
Differential gene expression analysis by micro-preparative capillary gel electrophoresis 1014(2003)29
- Guttman, M., Fules, P. and Guttman, A.  
Analysis of site-directed mutagenesis constructs by capillary electrophoresis using linear polymer sieving matrices 1014(2003)21
- Gyoten, Y., see Kato, M. 1013(2003)183
- Ha, W., see Thrush, E. 1013(2003)103
- Haller, H., see Kaiser, T. 1013(2003)157
- Haller, H., see Wittke, S. 1013(2003)173
- Han, D.-C., see Heo, Y.S. 1013(2003)111
- Han, K.-Y., Ban, E. and Yoo, Y.S.  
Analysis of vasopressin using capillary electrophoresis with laser-induced fluorescence detector based on competitive immunoassay 1013(2003)215
- Harris Jr., J.S., see Thrush, E. 1013(2003)103
- Haubitz, M., see Wittke, S. 1013(2003)173
- Hausadel, F., see Kaiser, T. 1013(2003)157
- Hausadel, F., see Wittke, S. 1013(2003)173
- Havel, J., see Gajdošová, D. 1014(2003)117
- Heo, Y.S., Chung, S., Cho, K., Chung, C., Han, D.-C. and Chang, J.K.  
Effects of peak anomalies with the hydrophilic or hydrophobic properties of reservoirs during serial injection on a capillary electrophoresis microchip 1013(2003)111
- Hermann, A., see Kaiser, T. 1013(2003)157
- Hillmann, M., see Kaiser, T. 1013(2003)157
- Hillmann, M., see Wittke, S. 1013(2003)173
- Hoogmartens, J., see Van Dyck, S. 1013(2003)149
- Horstkötter, C., Schepmann, D. and Blaschke, G.  
Separation and identification of zaleplon metabolites in human urine using capillary electrophoresis with laser-induced fluorescence detection and liquid chromatography–mass spectrometry 1014(2003)71
- Huang, M.-J., see Lin, Y.-W. 1014(2003)47
- Ichihashi, T., see Britz-McKibbin, P. 1013(2003)65
- Jong, R., see Liu, C.C. 1013(2003)9
- Kaiser, T., Hermann, A., Kielstein, J.T., Wittke, S., Bartel, S., Krebs, R., Hausadel, F., Hillmann, M., Golovko, I., Koester, P., Haller, H., Weissinger, E.M., Fliser, D. and Mischak, H.  
Capillary electrophoresis coupled to mass spectrometry to establish polypeptide patterns in dialysis fluids 1013(2003)157
- Kaiser, T., see Wittke, S. 1013(2003)173
- Kato, M., Gyoten, Y., Sakai-Kato, K. and Toyo'oka, T.  
Rapid analysis of amino acids in Japanese green tea by microchip electrophoresis using plastic microchip and fluorescence detection 1013(2003)183
- Khandurina, J., see Guttman, A. 1014(2003)29
- Kielstein, J.T., see Kaiser, T. 1013(2003)157
- Kirby, B.J., see Reichmuth, D.S. 1013(2003)93
- Koester, P., see Kaiser, T. 1013(2003)157
- Koester, P., see Wittke, S. 1013(2003)173
- Kou, H.-S., see Kuo, C.-Y. 1014(2003)93
- Krebs, R., see Kaiser, T. 1013(2003)157
- Krebs, R., see Wittke, S. 1013(2003)173
- Krzyaniak, M., see Deng, Y. 1013(2003)191
- Kuo, C.-Y., Wu, H.-L., Kou, H.-S., Chiou, S.-S., Wu, D.-C. and Wu, S.-M.  
Simultaneous determination of methotrexate and its eight metabolites in human whole blood by capillary zone electrophoresis 1014(2003)93
- Lanz, C., Marti, U. and Thormann, W.  
Capillary zone electrophoresis with a dynamic double coating for analysis of carbohydrate-deficient transferrin in human serum. Precision performance and pattern recognition 1013(2003)131
- Lee, H.K., see Sun, L. 1014(2003)153
- Lee, H.K., see Sun, L. 1014(2003)165
- Lee, J., Ban, E., Yi, S.-Y. and Yoo, Y.S.  
New method for analyzing the nitrite level in PC12 cells using capillary electrophoresis 1014(2003)189
- Levi, O., see Thrush, E. 1013(2003)103
- Li, S.F.Y., see Feng, H.-T. 1014(2003)83
- Li, S.F.Y., see Wang, T. 1013(2003)19
- Lin, Y.-W., Huang, M.-J. and Chang, H.-T.  
Analysis of double-stranded DNA by microchip capillary electrophoresis using polymer solutions containing gold nanoparticles 1014(2003)47
- Linhardt, R.J., see Gunay, N.S. 1014(2003)225
- Linhardt, R.J., see Thanawiroon, C. 1014(2003)215
- Liu, C.C., Jong, R. and Covey, T.  
Coupling of a large-size capillary column with an electrospray mass spectrometer. A reliable and sensitive sheath flow capillary electrophoresis–mass spectrometry interface 1013(2003)9

- Liu, S., Pu, Q. and Lu, J.J.  
Electric field-decoupled electroosmotic pump for microfluidic devices 1013(2003)57
- Lu, J.J., see Liu, S. 1013(2003)57
- Maeda, R., see Yang, Z. 1013(2003)29
- Marti, U., see Lanz, C. 1013(2003)131
- Mikšík, I., see Deyl, Z. 1013(2003)233
- Mischak, H., see Kaiser, T. 1013(2003)157
- Mischak, H., see Wittke, S. 1013(2003)173
- Miyado, T., Nagai, H., Takeda, S., Saito, K., Fukushima, K., Yoshida, Y., Wakida, S.-i. and Niki, E.  
Development of a novel running buffer for the simultaneous determination of nitrate and nitrite in human serum by capillary zone electrophoresis 1014(2003)197
- Moran, A., see Regan, F. 1014(2003)141
- Nagai, H., see Miyado, T. 1014(2003)197
- Nicoletti, I., see Corradini, D. 1013(2003)221
- Niki, E., see Miyado, T. 1014(2003)197
- Nováková, S., see Van Dyck, S. 1013(2003)149
- Novotná, K., see Gajdošová, D. 1014(2003)117
- Olund, R.K., see Costin, C.D. 1013(2003)77
- Omura, A., see Takeda, S. 1014(2003)103
- Pappaert, K., Vanderhoeven, J., Van Hummelen, P., Dutta, B., Clicq, D., Baron, G.V. and Desmet, G.  
Enhancement of DNA micro-array analysis using a shear-driven micro-channel flow system 1014(2003)1
- Paulus, A. and Guttman, A.  
Foreword 1013(2003)1
- Poinsot, V., see Bayle, C. 1013(2003)123
- Procházková, A., see Breadmore, M.C. 1014(2003)57
- Prošek, P., see Gajdošová, D. 1014(2003)117
- Pu, Q., see Liu, S. 1013(2003)57
- Regan, F., see Fogarty, B. 1014(2003)129
- Regan, F., Moran, A., Fogarty, B. and Dempsey, E.  
Novel modes of capillary electrophoresis for the determination of endocrine disrupting chemicals 1014(2003)141
- Reichmuth, D.S. and Kirby, B.J.  
Effects of ammonioalkyl sulfonate internal salts on electrokinetic micropump performance and reversed-phase high-performance liquid chromatographic separations 1013(2003)93
- Russom, A., Tooke, N., Andersson, H. and Stemme, G.  
Single nucleotide polymorphism analysis by allele-specific primer extension with real-time bioluminescence detection in a microfluidic device 1014(2003)37
- Saito, K., see Miyado, T. 1014(2003)197
- Sakai-Kato, K., see Kato, M. 1013(2003)183
- Sayler, K. and Weinberger, R.  
Separation of phenols as neutral compounds by micellar electrokinetic capillary chromatography 1014(2003)179
- Schepmann, D., see Horstkötter, C. 1014(2003)71
- Shi, L., see Guttman, A. 1014(2003)29
- Siri, N., see Bayle, C. 1013(2003)123
- Smith, S.J., see Thrush, E. 1013(2003)103
- Staggemeier, B.A., see Costin, C.D. 1013(2003)77
- Stemme, G., see Russom, A. 1014(2003)37
- Sun, L. and Lee, H.K.  
Stability studies of propoxur herbicide in environmental water samples by liquid chromatography-atmospheric pressure chemical ionization ion-trap mass spectrometry 1014(2003)153
- Sun, L. and Lee, H.K.  
Optimization of microwave-assisted extraction and supercritical fluid extraction of carbamate pesticides in soil by experimental design methodology 1014(2003)165
- Suwa, M. and Watarai, H.  
Magnetophoretic velocity of microorganic droplets adsorbed by dysprosium(III) laurate in water 1013(2003)3
- Synovec, R.E., see Costin, C.D. 1013(2003)77
- Takeda, S., see Miyado, T. 1014(2003)197
- Takeda, S., Omura, A., Chayama, K., Tsuji, H., Fukushima, K., Yamane, M., Wakida, S.-i., Tsubota, S. and Terabe, S.  
Separation and on-line concentration of bisphenol A and alkylphenols by micellar electrokinetic chromatography with anionic surfactant 1014(2003)103
- Tavares, M.F.M., see da Silva, C.L. 1014(2003)109
- Terabe, S., see Britz-McKibbin, P. 1013(2003)65
- Terabe, S., see Takeda, S. 1014(2003)103
- Thanawiroon, C. and Linhardt, R.J.  
Separation of a complex mixture of heparin-derived oligosaccharides using reversed-phase high-performance liquid chromatography 1014(2003)215
- Theurillat, R., see Breadmore, M.C. 1014(2003)57
- Thormann, W., see Breadmore, M.C. 1014(2003)57
- Thormann, W., see Lanz, C. 1013(2003)131
- Thrush, E., Levi, O., Ha, W., Wang, K., Smith, S.J. and Harris Jr., J.S.  
Integrated bio-fluorescence sensor 1013(2003)103
- Tooke, N., see Russom, A. 1014(2003)37
- Torgerson, A.K., see Costin, C.D. 1013(2003)77
- Toyo'oka, T., see Kato, M. 1013(2003)183
- Treilhou, M., see Bayle, C. 1013(2003)123
- Tsubota, K., see Britz-McKibbin, P. 1013(2003)65
- Tsubota, S., see Takeda, S. 1014(2003)103
- Tsuji, H., see Takeda, S. 1014(2003)103
- Vanderhoeven, J., see Pappaert, K. 1014(2003)1
- Van Dyck, S., Nováková, S., Van Schepdael, A. and Hoogmartens, J.  
Inhibition study of angiotensin converting enzyme by capillary electrophoresis after enzymatic reaction at capillary inlet 1013(2003)149
- Van Hummelen, P., see Pappaert, K. 1014(2003)1
- Van Schepdael, A., see Van Dyck, S. 1013(2003)149
- Wakida, S.-i., see Miyado, T. 1014(2003)197
- Wakida, S.-i., see Takeda, S. 1014(2003)103
- Wang, K., see Thrush, E. 1013(2003)103
- Wang, T., Yuan, L. and Li, S.F.Y.  
Modified field amplification sample injection for micellar electrokinetic chromatography of neutral compounds with amino-substituted cyclodextrin as carrier and 1-adamantanecarboxylate as displacer 1013(2003)19
- Wang, X., see Guttman, A. 1014(2003)29
- Watarai, H., see Suwa, M. 1013(2003)3
- Weinberger, R., see Sayler, K. 1014(2003)179
- Weissinger, E.M., see Kaiser, T. 1013(2003)157
- Weissinger, E.M., see Wittke, S. 1013(2003)173
- Wellons, A., see Deng, Y. 1013(2003)191
- Wittke, S., Fliser, D., Haubitz, M., Bartel, S., Krebs, R.,

- Hausadel, F., Hillmann, M., Golovko, I., Koester, P.,  
Haller, H., Kaiser, T., Mischak, H. and Weissinger, E.M.  
Determination of peptides and proteins in human urine  
with capillary electrophoresis–mass spectrometry, a suitable  
tool for the establishment of new diagnostic markers  
1013(2003)173
- Wittke, S., see Kaiser, T. 1013(2003)157
- Wu, H.-L., see Kuo, C.-Y. 1014(2003)93
- Wu, S.-M., see Kuo, C.-Y. 1014(2003)93
- Wu, D.-C., see Kuo, C.-Y. 1014(2003)93
- Wylie, H., see Deng, Y. 1013(2003)191
- Yamane, M., see Takeda, S. 1014(2003)103
- Yang, W.-P., Zhang, Z.-J. and Deng, W.  
Speciation of chromium by in-capillary reaction and  
capillary electrophoresis with chemiluminescence detection  
1014(2003)203
- Yang, Z. and Maeda, R.  
Socket with built-in valves for the interconnection of  
microfluidic chips to macro constituents 1013(2003)29
- Yi, S.-Y., see Lee, J. 1014(2003)189
- Yoo, Y.S., see Han, K.-Y. 1013(2003)215
- Yoo, Y.S., see Lee, J. 1014(2003)189
- Yoshida, Y., see Miyado, T. 1014(2003)197
- Yuan, L., see Wang, T. 1013(2003)19
- Yuan, L.-L., see Feng, H.-T. 1014(2003)83
- Zhang, Z.-J., see Yang, W.-P. 1014(2003)203