



Author Index Vol. 793

- Alés Barrero, F., see García-Campaña, A.M. 793(2003)49
- Arnosti, C.
Fluorescent derivatization of polysaccharides and carbohydrate-containing biopolymers for measurement of enzyme activities in complex media 793(2003)181
- Arriaga, E.A., see Pinto, D. 793(2003)107
- Arriaga, E.A., see Presley, A.D. 793(2003)141
- Aymard, G., see Sentenac, S. 793(2003)317
- Baeyens, W.R.G., see García-Campaña, A.M. 793(2003)49
- Baker, S.D., see Zhao, M. 793(2003)413
- Banks, P.R., see Harvey, M.D. 793(2003)115
- Bayle, C., see Siri, N. 793(2003)151
- Beechem, J.M., see Schulenberg, B. 793(2003)127
- Bergemann, C., see Frenzel, A. 793(2003)325
- Blaschke, G., see Heinemann, U. 793(2003)389
- Boisdon-Celle, M., see Rouits, E. 793(2003)357
- Brunnkqvist, H., Karlberg, B. and Granelli, I.
Enantiomeric separation of TAPP, H-Tyr-(D)Ala-Phe-Phe-NH₂, by capillary electrophoresis using 18-crown-6-tetracarboxylic acid as a chiral selector 793(2003)343
- Buechler, J., Schwab, M., Mikus, G., Fischer, B., Hermle, L., Marx, C., Grön, G., Spitzer, M. and Kovar, K.-A.
Enantioselective quantitation of the ecstasy compound (*R*)- and (*S*)-*N*-ethyl-3,4-methylenedioxymethamphetamine and its major metabolites in human plasma and urine 793(2003)207
- Castagnola, M., see Zuppi, C. 793(2003)223
- Chang, H.-T., see Lin, Y.-W. 793(2003)37
- Cheng, C.-L., Lin, E.-G. and Chou, C.-H.
Rapid and sensitive quantitation of the antiproliferative agent mitoguazone in small volumes of plasma by high-performance liquid chromatography with ultraviolet detection 793(2003)281
- Chiu, T.-C., see Lin, Y.-W. 793(2003)37
- Chou, C.-H., see Cheng, C.-L. 793(2003)281
- Chou, S.S.-H., see Pinto, D. 793(2003)107
- Churchwell, M.I., see Twaddle, N.C. 793(2003)309
- Colyer, C.L.
Preface: Derivatization of large biomolecules 793(2003)1
- Colyer, C.L., see Welder, F. 793(2003)93
- Couderc, F., see Siri, N. 793(2003)151
- Daban, J.-R., see Salerno, D. 793(2003)75
- Dehring, K., see Poole, S.K. 793(2003)265
- Delclos, K.B., see Twaddle, N.C. 793(2003)309
- Doerge, D.R., see Twaddle, N.C. 793(2003)309
- Dong, J., see Poole, S.K. 793(2003)265
- Dovichi, N.J., see Pinto, D. 793(2003)107
- Dürkop, A., see Wetzl, B. 793(2003)83
- Ertürk, S., Önal, A. and Müge Çetin, S.
Analytical methods for the quantitative determination of 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors in biological samples (Review) 793(2003)193
- Fernandez, C., see Sentenac, S. 793(2003)317
- Fischer, B., see Buechler, J. 793(2003)207
- Frenzel, A., Bergemann, C., Köhl, G. and Reinard, T.
Novel purification system for 6xHis-tagged proteins by magnetic affinity separation 793(2003)325
- Fritsch, G., see Springer, D. 793(2003)331
- Fritsch, G., see Springer, D. 793(2003)377
- Fuller, K.M., see Presley, A.D. 793(2003)141
- Gamelin, E., see Rouits, E. 793(2003)357
- Gámez-Gracia, L., see García-Campaña, A.M. 793(2003)49
- García-Campaña, A.M., Gámez-Gracia, L., Baeyens, W.R.G. and Alés Barrero, F.
Derivatization of biomolecules for chemiluminescent detection in capillary electrophoresis (Review) 793(2003)49
- Giardina, B., see Zuppi, C. 793(2003)223
- Granelli, I., see Brunkqvist, H. 793(2003)343
- Grön, G., see Buechler, J. 793(2003)207
- Gruber, M., see Wetzl, B. 793(2003)83
- Gupta, R.C., see Nitin, M. 793(2003)253
- Hakala, K., see Smeds, A. 793(2003)297
- Harvey, M.D. and Banks, P.R.
Site-specific fluorescent derivatization and liquid chromatographic–mass spectrometric characterization of Long R³ IGF-I for bioanalytical applications 793(2003)115
- He, P., see Zhao, M. 793(2003)413
- Heinemann, U., Blaschke, G. and Knebel, N.
Simultaneous enantioselective separation of azelastine and three of its metabolites for the investigation of the enantiomeric metabolism in rats. I. Liquid chromatography–ionspray tandem mass spectrometry and electrokinetic capillary chromatography 793(2003)389
- Hermle, L., see Buechler, J. 793(2003)207
- Hidalgo, M., see Zhao, M. 793(2003)413
- Huang, J.-F., see Liu, Z.-J. 793(2003)405

- Hunter, R.P., Koch, D.E., Mutlow, A. and Isaza, R.
Extraction and quantitation of carfentanil and naltrexone in goat plasma with liquid chromatography–mass spectrometry 793(2003)351
- Ino, Y., see Shibusawa, Y. 793(2003)275
- Isaza, R., see Hunter, R.P. 793(2003)351
- Ito, Y., see Shibusawa, Y. 793(2003)275
- Karamanos, N.K., see Lamari, F.N. 793(2003)15
- Karlberg, B., see Brunnkvist, H. 793(2003)343
- Kinebuchi, T., see Shibusawa, Y. 793(2003)275
- Knebel, N., see Heinemann, U. 793(2003)389
- Koch, D.E., see Hunter, R.P. 793(2003)351
- Köhl, G., see Frenzel, A. 793(2003)325
- Kovar, K.-A., see Buechler, J. 793(2003)207
- Krull, I.S., see Wang, Y. 793(2003)3
- Kuhn, R., see Lamari, F.N. 793(2003)15
- Lal, J., see Nitin, M. 793(2003)253
- Lamari, F.N., Kuhn, R. and Karamanos, N.K.
Derivatization of carbohydrates for chromatographic, electrophoretic and mass spectrometric structure analysis (Review) 793(2003)15
- Lattova, E. and Perreault, H.
Labelling saccharides with phenylhydrazine for electrospray and matrix-assisted laser desorption–ionization mass spectrometry 793(2003)167
- Lechat, P., see Sentenac, S. 793(2003)317
- Lin, E.-G., see Cheng, C.-L. 793(2003)281
- Lin, Y.-W., Chiu, T.-C. and Chang, H.-T.
Laser-induced fluorescence technique for DNA and proteins separated by capillary electrophoresis (Review) 793(2003)37
- Liu, C., see Wang, Y. 793(2003)3
- Liu, Z.-J., Peng, W.-C., Yang, X., Huang, J.-F., Zhang, X.-B.,
Zhang, Y. and Maekawa, M.
Relative mRNA expression of the lactate dehydrogenase A and B subunits as determined by simultaneous amplification and single strand conformation polymorphism. Relation with subunit enzyme activity 793(2003)405
- Lowe, C.R., see Morrill, P.R. 793(2003)229
- Madhusudanan, K.P., see Nitin, M. 793(2003)253
- Maekawa, M., see Liu, Z.-J. 793(2003)405
- Marx, C., see Buechler, J. 793(2003)207
- Maurer, H.H., see Springer, D. 793(2003)331
- Maurer, H.H., see Springer, D. 793(2003)377
- Messana, I., see Zuppi, C. 793(2003)223
- Mikus, G., see Buechler, J. 793(2003)207
- Millington, R.B., see Morrill, P.R. 793(2003)229
- Miyazawa, M., Sugie, A. and Shimada, T.
High-performance liquid chromatographic method for the determination of (−)-verbenone 10-hydroxylation catalyzed by rat liver microsomes 793(2003)291
- Morel, A., see Rouits, E. 793(2003)357
- Morrill, P.R., Millington, R.B. and Lowe, C.R.
Imaging surface plasmon resonance system for screening affinity ligands 793(2003)229
- Müge Çetin, S., see Ertürk, S. 793(2003)193
- Mutlow, A., see Hunter, R.P. 793(2003)351
- Nakazumi, H., see Welder, F. 793(2003)93
- Newbold, R.R., see Twaddle, N.C. 793(2003)309
- Ng, B.H. and Yuen, K.H.
Determination of plasma testosterone using a simple liquid chromatographic method 793(2003)421
- Nitin, M., Rajanikanth, M., Lal, J., Madhusudanan, K.P. and
Gupta, R.C.
Liquid chromatography–tandem mass spectrometric assay with a novel method of quantitation for the simultaneous determination of bulaquine and its metabolite, primaquine, in monkey plasma 793(2003)253
- Önal, A., see Ertürk, S. 793(2003)193
- Orr, J.D., see Wang, Y. 793(2003)3
- Oswald, B., see Wetzl, B. 793(2003)83
- Patel, S., see Poole, S.K. 793(2003)265
- Patton, W.F., see Schulenberg, B. 793(2003)127
- Paul, B., see Welder, F. 793(2003)93
- Peng, W.-C., see Liu, Z.-J. 793(2003)405
- Perreault, H., see Lattova, E. 793(2003)167
- Pinto, D., Arriaga, E.A., Schoenherr, R.M., Chou, S.S.-H. and
Dovichi, N.J.
Kinetics and apparent activation energy of the reaction of the fluorogenic reagent 5-furoylquinoline-3-carboxaldehyde with ovalbumin 793(2003)107
- Poole, S.K., Patel, S., Dehring, K., Workman, H. and Dong, J.
Estimation of octanol–water partition coefficients for neutral and weakly acidic compounds by microemulsion electrokinetic chromatography using dynamically coated capillary columns 793(2003)265
- Presley, A.D., Fuller, K.M. and Arriaga, E.A.
MitoTracker Green labeling of mitochondrial proteins and their subsequent analysis by capillary electrophoresis with laser-induced fluorescence detection 793(2003)141
- Probst, M., see Wetzl, B. 793(2003)83
- Rajanikanth, M., see Nitin, M. 793(2003)253
- Reinard, T., see Frenzel, A. 793(2003)325
- Riolet, P., see Siri, N. 793(2003)151
- Rossetti, D.V., see Zuppi, C. 793(2003)223
- Rouits, E., Boisdron-Celle, M., Morel, A. and Gamelin, E.
Simple and sensitive high-performance liquid chromatography method for simultaneous determination of urinary free cortisol and 6β-hydroxycortisol in routine practice. For CYP 3A4 activity evaluation in basal conditions and after grapefruit juice intake 793(2003)357
- Rudek, M.A., see Zhao, M. 793(2003)413
- Salerno, D. and Daban, J.-R.
Comparative study of different fluorescent dyes for the detection of proteins on membranes using the peroxoxyxalate chemiluminescent reaction 793(2003)75
- Schoenherr, R.M., see Pinto, D. 793(2003)107
- Schulenberg, B., Beechem, J.M. and Patton, W.F.
Mapping glycosylation changes related to cancer using the Multiplexed Proteomics technology: a protein differential display approach 793(2003)127
- Schwab, M., see Buechler, J. 793(2003)207
- Sentenac, S., Fernandez, C., Thuillier, A., Lechat, P. and
Aymard, G.
Sensitive determination of tenofovir in human plasma samples using reversed-phase liquid chromatography 793(2003)317

- Shibusawa, Y., Ino, Y., Kinebuchi, T., Shimizu, M., Shindo, H. and Ito, Y.
Purification of single-strand DNA binding protein from an *Escherichia coli* lysate using counter-current chromatography, partition and precipitation 793(2003)275
- Shimada, T., see Miyazawa, M. 793(2003)291
- Shimizu, M., see Shibusawa, Y. 793(2003)275
- Shindo, H., see Shibusawa, Y. 793(2003)275
- Siri, N., Riolet, P., Bayle, C. and Couderc, F.
Automated large-volume sample stacking procedure to detect labeled peptides at picomolar concentration using capillary electrophoresis and laser-induced fluorescence detection 793(2003)151
- Smeds, A. and Hakala, K.
Liquid chromatographic-tandem mass spectrometric method for the plant lignan 7-hydroxymatairesinol and its potential metabolites in human plasma 793(2003)297
- Spitzer, M., see Buechler, J. 793(2003)207
- Springer, D., Fritschi, G. and Maurer, H.H.
Metabolism and toxicological detection of the new designer drug 4'-methoxy- α -pyrrolidinopropiophenone studied in rat urine using gas chromatography-mass spectrometry 793(2003)331
- Springer, D., Fritschi, G. and Maurer, H.H.
Metabolism and toxicological detection of the new designer drug 3',4'-methylenedioxy- α -pyrrolidinopropiophenone studied in urine using gas chromatography-mass spectrometry 793(2003)377
- Sugie, A., see Miyazawa, M. 793(2003)291
- Thuillier, A., see Sentenac, S. 793(2003)317
- Twaddle, N.C., Churchwell, M.I., Newbold, R.R., Delclos, K.B. and Doerge, D.R.
Determination using liquid-chromatography-electrospray tandem mass spectroscopy of ethinylestradiol serum pharmacokinetics in adult Sprague-Dawley rats 793(2003)309
- Veit, M., see Wittemer, S.M. 793(2003)367
- Vincenzoni, F., see Zuppi, C. 793(2003)223
- Vitali, A., see Zuppi, C. 793(2003)223
- Wang, Y., Krull, I.S., Liu, C. and Orr, J.D.
Derivatization of phospholipids (Review) 793(2003)3
- Weidgans, B., see Wetzl, B. 793(2003)83
- Welder, F., Paul, B., Nakazumi, H., Yagi, S. and Colyer, C.L.
Symmetric and asymmetric squarylium dyes as noncovalent protein labels: a study by fluorimetry and capillary electrophoresis 793(2003)93
- Wetzl, B., Gruber, M., Oswald, B., Dürkop, A., Weidgans, B., Probst, M. and Wolfbeis, O.S.
Set of fluorochromophores in the wavelength range from 450 to 700 nm and suitable for labeling proteins and amino-modified DNA 793(2003)83
- Wittemer, S.M. and Veit, M.
Validated method for the determination of six metabolites derived from artichoke leaf extract in human plasma by high-performance liquid chromatography-coulometric-array detection 793(2003)367
- Wolfbeis, O.S., see Wetzl, B. 793(2003)83
- Workman, H., see Poole, S.K. 793(2003)265
- Xu, J., see Zhang, L. 793(2003)159
- Yagi, S., see Welder, F. 793(2003)93
- Yang, X., see Liu, Z.-J. 793(2003)405
- Yuen, K.H., see Ng, B.H. 793(2003)421
- Zhang, L., Xu, J., Zhang, L., Zhang, W. and Zhang, Y.
Determination of 1-phenyl-3-methyl-5-pyrazolone-labeled carbohydrates by liquid chromatography and micellar electrokinetic chromatography 793(2003)159
- Zhang, L., see Zhang, L. 793(2003)159
- Zhang, W., see Zhang, L. 793(2003)159
- Zhang, X.-B., see Liu, Z.-J. 793(2003)405
- Zhang, Y., see Liu, Z.-J. 793(2003)405
- Zhang, Y., see Zhang, L. 793(2003)159
- Zhao, M., He, P., Rudek, M.A., Hidalgo, M. and Baker, S.D.
Specific method for determination of OSI-774 and its metabolite OSI-420 in human plasma by using liquid chromatography-tandem mass spectrometry 793(2003)413
- Zuppi, C., Rossetti, D.V., Vitali, A., Vincenzoni, F., Giardina, B., Castagnola, M. and Messana, I.
Determination of urinary hippuric acid by micellar electrokinetic capillary chromatography 793(2003)223