

Author Index Vol. 807

- Ahmadiani, A., see Amini, H. 807(2004)271
- Al-Enazi, E., see Bogusz, M.J. 807(2004)343
- Al-Tufail, M., see Bogusz, M.J. 807(2004)343
- Amini, H., Shahmir, B. and Ahmadiani, A.
Determination of moclobemide in human plasma by high-performance liquid chromatography with spectrophotometric detection 807(2004)271
- Andersson, J., see Plieva, F.M. 807(2004)129
- Andrews, B.A., see Olivera-Nappa, A. 807(2004)81
- Arellano, C., Philibert, C., Lacombe, O., Woodley, J. and Houin, G.
Liquid chromatographic–mass spectrometric method to assess cytochrome P450-mediated metabolism of testosterone by rat everted gut sacs 807(2004)263
- Asakawa, N., see Yamamoto, E. 807(2004)327
- Asenjo, J.A., see Olivera-Nappa, A. 807(2004)81
- Astervik, Å., see Brunnkvist, H. 807(2004)293
- Baeker, R., see Schlatterer, B. 807(2004)223
- Baud, F., see Pirnay, S. 807(2004)335
- Bauer, K.S., see Garimella, T.S. 807(2004)203
- Bayramoğlu, G., see Yakup Arica, M. 807(2004)315
- Begg, E.J., see Zhang, M. 807(2004)217
- Benavides, J. and Rito-Palmares, M.
Bioprocess intensification: a potential aqueous two-phase process for the primary recovery of B-phycoerythrin from *Porphyridium cruentum* 807(2004)33
- Benavides, J., see Cisneros, M. 807(2004)105
- Bermudez, O. and Forciniti, D.
Aggregation and denaturation of antibodies: a capillary electrophoresis, dynamic light scattering, and aqueous two-phase partitioning study 807(2004)17
- Bermudez, O. and Forciniti, D.
Decontamination of surfaces by lysozyme encapsulated in reverse micelles 807(2004)95
- Bogusz, M.J., Hassan, H., Al-Enazi, E., Ibrahim, Z. and Al-Tufail, M.
Rapid determination of chloramphenicol and its glucuronide in food products by liquid chromatography–electrospray negative ionization tandem mass spectrometry 807(2004)343
- Bouchonnet, S., see Pirnay, S. 807(2004)335
- Bradley, A.J. and Scott, M.D.
Separation and purification of methoxypoly(ethylene glycol) grafted red blood cells via two-phase partitioning 807(2004)163
- Brenes, C.H., see Cisneros, M. 807(2004)105
- Brunnkqvist, H., Karlberg, B., Astervik, Å. and Granelli, I.
Experimental design-based development of a rapid capillary electrophoresis method for determining impurities in the tetrapeptide H-Tyr-(D)Arg-Phe-Phe-NH₂ 807(2004)293
- Bülöw, L., see Fexby, S. 807(2004)25
- Chavez-Eng, C.M., see Constanzer, M.L. 807(2004)243
- Chen, J., Spear, S.K., Huddleston, J.G., Holbrey, J.D. and Rogers, R.D.
Application of polyethylene glycol-based aqueous biphasic reactive extraction to the catalytic oxidation of cyclic olefins 807(2004)145
- Cisneros, M., Benavides, J., Brenes, C.H. and Rito-Palmares, M.
Recovery in aqueous two-phase systems of lutein produced by the green microalga *Chlorella protothecoides* 807(2004)105
- Clonis, Y.D., see Katsos, N.E. 807(2004)277
- Constanzer, M.L., Chavez-Eng, C.M., Dru, J., Kline, W.F. and Matuszewski, B.K.
Determination of a novel substance P inhibitor in human plasma by high-performance liquid chromatography with atmospheric pressure chemical ionization mass spectrometric detection using single and triple quadrupole detectors 807(2004)243
- Cortez, E.V., Pessoa Jr, A., das Graças de Almeida Felipe, M., Roberto, I.C. and Vitolo, M.
Optimized extraction by cetyl trimethyl ammonium bromide reversed micelles of xylose reductase and xylitol dehydrogenase from *Candida guilliermondii* homogenate 807(2004)47
- Cortez, E.V., Pessoa Jr, A., das Graças de Almeida Felipe, M., Roberto, I.C. and Vitolo, M.
Liquid–liquid extraction of xylitol dehydrogenase from *Candida guilliermondii* homogenate by reversed micelles 807(2004)55
- d'Athis, P., see Pirnay, S. 807(2004)335
- Dawson, L.A., Organ, A.J., Winter, P., Lacroix, L.P., Shilliam, C.S., Heidebreder, C. and Shah, A.J.
Rapid high-throughput assay for the measurement of amino acids from microdialysates and brain tissue using monolithic C₁₈-bonded reversed-phase columns 807(2004)235
- das Graças de Almeida Felipe, M., see Cortez, E. 807(2004)47
- das Graças de Almeida Felipe, M., see Cortez, E. 807(2004)55
- De Meyer, M., see Hantson, A.-L. 807(2004)185
- Deraz, S., see Plieva, F.M. 807(2004)129
- Dru, J., see Constanzer, M.L. 807(2004)243
- Dunemann, L., see Sur, R. 807(2004)169
- Ercal, N., see Penugonda, S. 807(2004)251
- Escuder-Gilbert, L., Molero-Monfort, M., Villanueva-Camañas, R.M., Sagrado, S. and Medina-Hernández, M.J.
Potential of biopartitioning micellar chromatography as an in vitro technique for predicting drug penetration across the blood–brain barrier 807(2004)193
- Esmanhoto, E. and Kilikian, B.V.
ATPS applied to extraction of small molecules – polycetides – and simultaneous clarification of culture media with filamentous microorganisms 807(2004)139
- Fexby, S., Ihre, H., Van Alstine, J. and Bülow, L.
N-Terminal tagged lactate dehydrogenase proteins: evaluation of relative hydrophobicity by hydrophobic interaction chromatography and aqueous two-phase system partition 807(2004)25
- Forciniti, D., see Bermudez, O. 807(2004)17
- Forciniti, D., see Bermudez, O. 807(2004)95
- Franco, T.T., see Igarashi, L. 807(2004)75
- Frye, R.F., see Hruska, M.W. 807(2004)301

- Fujino, K., see Yoshitake, T. 807(2004)177
- Fung, H.-L., Haas, E., Raybon, J., Xu, J. and Fung, S.-M.
Liquid chromatographic-mass spectrometric determination of endogenous γ -hydroxybutyrate concentrations in rat brain regions and plasma 807(2004)287
- Fung, S.-M., see Fung, H.-L. 807(2004)287
- Galaev, I.Yu., see Plieva, F.M. 807(2004)129
- Galaev, I.Yu., see Wahlund, P.-O. 807(2004)121
- Gardiner, S.J., see Zhang, M. 807(2004)217
- Garimella, T.S., Ross, D.D. and Bauer, K.S.
Liquid chromatography method for the quantitation of the breast cancer resistance protein ABCG2 inhibitor fumitremorgin C and its chemical analogues in mouse plasma and tissues 807(2004)203
- Gozdowska, M. and Kulczykowska, E.
Determination of arginine-vasotocin and isotocin in fish plasma with solid-phase extraction and fluorescence derivatization followed by high-performance liquid chromatography 807(2004)229
- Granelli, I., see Brunnkvist, H. 807(2004)293
- Griffin, S.T., Spear, S.K. and Rogers, R.D.
Effects of speciation on partitioning of iodine in aqueous biphasic systems and onto ABEC[®] resins 807(2004)151
- Guérit, N., see Hantson, A.-L. 807(2004)185
- Gündüz, U.
Evaluation of viscosities of aqueous two-phase systems containing protein 807(2004)157
- Gündüz, U. and Tolga, A.
Optimization of bovine serum albumin sorption and recovery by hydrogels 807(2004)13
- Gustavsson, P.-E., see Wahlund, P.-O. 807(2004)121
- Haas, E., see Fung, H.-L. 807(2004)287
- Häkkinen, J., see Rögnvaldsson, T. 807(2004)209
- Hantson, A.-L., De Meyer, M. and Guérit, N.
Simultaneous determination of endogenous and ¹³C-labelled thyroid hormones in plasma by stable isotope dilution mass spectrometry 807(2004)185
- Hassan, H., see Bogusz, M.J. 807(2004)343
- Haynes, C.A.
Preface 807(2004)1
- Haynes, C.A., see Kavooosi, M. 807(2004)87
- Heidbreder, C., see Dawson, L.A. 807(2004)235
- Hervé, F., see Pirnay, S. 807(2004)335
- Holbrey, J.D., see Chen, J. 807(2004)145
- Horneman, D.A., Wolbers, M., Zomerdijs, M., Ottens, M., Keurentjes, J.T.F. and van der Wielen, L.A.M.
Surfactant-aided size exclusion chromatography 807(2004)39
- Houin, G., see Arellano, C. 807(2004)263
- Hruska, M.W. and Frye, R.F.
Determination of trimethoprim in low-volume human plasma by liquid chromatography 807(2004)301
- Huddleston, J.G., see Chen, J. 807(2004)145
- Ibrahim, Z., see Bogusz, M.J. 807(2004)343
- Igarashi, L., Kieckbusch, T.G. and Franco, T.T.
Mass transfer in aqueous two-phases system packed column 807(2004)75
- Ihre, H., see Fexby, S. 807(2004)25
- Izumrudov, V.A., see Wahlund, P.-O. 807(2004)121
- Jakubowski, H., see Perla, J. 807(2004)257
- Kajima, T., see Yamamoto, E. 807(2004)327
- Karlberg, B., see Brunnkvist, H. 807(2004)293
- Katsos, N.E., Labrou, N.E. and Clonis, Y.D.
Interaction of L-glutamate oxidase with triazine dyes: selection of ligands for affinity chromatography 807(2004)277
- Kavooosi, M., Meijer, J., Kwan, E., Louise Creagh, A., Kilburn, D.G. and Haynes, C.A.
Inexpensive one-step purification of polypeptides expressed in *Escherichia coli* as fusions with the family 9 carbohydrate-binding module of xylanase 10A from *T. maritima* 807(2004)87
- Kehr, J., see Yoshitake, T. 807(2004)177
- Keurentjes, J.T.F., see Horneman, D.A. 807(2004)39
- Kieckbusch, T.G., see Igarashi, L. 807(2004)75
- Kilburn, D.G., see Kavooosi, M. 807(2004)87
- Kilikian, B.V., see Esmanhoto, E. 807(2004)139
- Kline, W.F., see Constanzer, M.L. 807(2004)243
- Kulczykowska, E., see Gozdowska, M. 807(2004)229
- Kwan, E., see Kavooosi, M. 807(2004)87
- Labrou, N.E., see Katsos, N.E. 807(2004)277
- Lacombe, O., see Arellano, C. 807(2004)263
- Lacroix, L.P., see Dawson, L.A. 807(2004)235
- Lagomarsino, G., see Olivera-Nappa, A. 807(2004)81
- Larsson, P.-O., see Wahlund, P.-O. 807(2004)121
- Lee, J., see Suresh Babu, C.V. 807(2004)307
- Lho, D.S., see Suresh Babu, C.V. 807(2004)307
- Li, M. and Peeples, T.L.
Purification of hyperthermophilic archaeal amylolytic enzyme (MJA1) using thermoseparating aqueous two-phase systems 807(2004)69
- Libong, D., see Pirnay, S. 807(2004)335
- Lindberg, C., see Rögnvaldsson, T. 807(2004)209
- Louise Creagh, A., see Kavooosi, M. 807(2004)87
- Mano, N., see Yamamoto, E. 807(2004)327
- Mare, S., see Penugonda, S. 807(2004)251
- Marko-Varga, G., see Rögnvaldsson, T. 807(2004)209
- Mattiasson, B., see Plieva, F.M. 807(2004)129
- Matuszewski, B.K., see Constanzer, M.L. 807(2004)243
- Medina-Hernández, M.J., see Escuder-Gilabert, L. 807(2004)193
- Meijer, J., see Kavooosi, M. 807(2004)87
- Middelberg, A.P.J., see van Hee, P. 807(2004)111
- Milan, N., see Pirnay, S. 807(2004)335
- Molero-Monfort, M., see Escuder-Gilabert, L. 807(2004)193
- Moore, G.A., see Zhang, M. 807(2004)217
- Nohta, H., see Yoshitake, T. 807(2004)177
- Olivera-Nappa, A., Lagomarsino, G., Andrews, B.A. and Asenjo, J.A.
Effect of electrostatic energy on partitioning of proteins in aqueous two-phase systems 807(2004)81
- Organ, A.J., see Dawson, L.A. 807(2004)235
- Ottens, M., see Horneman, D.A. 807(2004)39
- Peeples, T.L., see Li, M. 807(2004)69
- Penugonda, S., Wu, W., Mare, S. and Ercal, N.
Liquid chromatography analysis of *N*-(2-mercaptopropionyl)-glycine in biological samples by ThioGloTM 3 derivatization 807(2004)251
- Perla, J., Undas, A., Twardowski, T. and Jakubowski, H.
Purification of antibodies against *N*-homocysteinylated proteins by affinity chromatography on *N*-homocysteinyl-aminohexyl-Agarose 807(2004)257
- Pessoa Jr, A., see Cortez, E.V. 807(2004)47
- Pessoa Jr, A., see Cortez, E.V. 807(2004)55
- Pessoa Jr, A., see Rabelo, A.P.B. 807(2004)61
- Philibert, C., see Arellano, C. 807(2004)263
- Pirnay, S., Bouchonnet, S., Hervé, F., Libong, D., Milan, N., d'Athis, P., Baud, F. and Ricordel, I.
Development and validation of a gas chromatography-mass spectrometry method for the simultaneous determination of buprenorphine, flunitrazepam and their metabolites in rat plasma: application to the pharmacokinetic study 807(2004)335

- Plieva, F.M., Savina, I.N., Deraz, S., Andersson, J., Galaev, I.Yu. and Mattiasson, B.
Characterization of supermacroporous monolithic polyacrylamide based matrices designed for chromatography of bioparticles 807(2004)129
- Pothast, F., see Rögnvaldsson, T. 807(2004)209
- Rabelo, A.P.B., Tambourgi, E.B. and Pessoa Jr., A.
Bromelain partitioning in two-phase aqueous systems containing PEO–PPO–PEO block copolymers 807(2004)61
- Raybon, J., see Fung, H.-L. 807(2004)287
- Ricordel, I., see Pirnay, S. 807(2004)335
- Rito-Palomares, M.
Practical application of aqueous two-phase partition to process development for the recovery of biological products 807(2004)3
- Rito-Palomares, M., see Benavides, J. 807(2004)33
- Rito-Palomares, M., see Cisneros, M. 807(2004)105
- Roberto, I.C., see Cortez, E.V. 807(2004)47
- Roberto, I.C., see Cortez, E.V. 807(2004)55
- Rogers, R.D., see Chen, J. 807(2004)145
- Rogers, R.D., see Griffin, S.T. 807(2004)151
- Rögnvaldsson, T., Häkkinen, J., Lindberg, C., Marko-Varga, G., Pothast, F. and Samuelsson, J.
Improving automatic peptide mass fingerprint protein identification by combining many peak sets 807(2004)209
- Ross, D.D., see Garimella, T.S. 807(2004)203
- Sagrado, S., see Escuder-Gilabert, L. 807(2004)193
- Sakaguchi, T., see Yamamoto, E. 807(2004)327
- Samuelsson, J., see Rögnvaldsson, T. 807(2004)209
- Savina, I.N., see Plieva, F.M. 807(2004)129
- Schlatterer, B., Baeker, R. and Schlatterer, K.
Improved purification of β -lactoglobulin from acid whey by means of ceramic hydroxyapatite chromatography with sodium fluoride as a displacer 807(2004)223
- Schlatterer, K., see Schlatterer, B. 807(2004)223
- Scott, M.D., see Bradley, A.J. 807(2004)163
- Shah, A.J., see Dawson, L.A. 807(2004)235
- Shahmir, B., see Amini, H. 807(2004)271
- Shilliam, C.S., see Dawson, L.A. 807(2004)235
- Spear, S.K., see Chen, J. 807(2004)145
- Spear, S.K., see Griffin, S.T. 807(2004)151
- Sur, R. and Dunemann, L.
Method for the determination of five toxicologically relevant arsenic species in human urine by liquid chromatography–hydride generation atomic absorption spectrometry 807(2004)169
- Suresh Babu, C.V., Lee, J., Lho, D.S. and Yoo, Y.S.
Analysis of substance P in rat brain by means of immunoaffinity capture and matrix-assisted laser desorption/ionization time-of-flight mass-spectrometry 807(2004)307
- Tambourgi, E.B., see Rabelo, A.P.B. 807(2004)61
- Tolga, A., see Gündüz, U. 807(2004)13
- Twardowski, T., see Perla, J. 807(2004)257
- Undas, A., see Perla, J. 807(2004)257
- Van Alstine, J., see Fexby, S. 807(2004)25
- van der Lans, R.G.J.M., see van Hee, P. 807(2004)111
- van der Wielen, L.A.M., see Horneman, D.A. 807(2004)39
- van der Wielen, L.A.M., see van Hee, P. 807(2004)111
- van Hee, P., Middelberg, A.P.J., van der Lans, R.G.J.M. and van der Wielen, L.A.M.
Quantification of solid cell material by detection of membrane-associated proteins and peptidoglycan 807(2004)111
- Villanueva-Camañas, R.M., see Escuder-Gilabert, L. 807(2004)193
- Vitolo, M., see Cortez, E.V. 807(2004)47
- Vitolo, M., see Cortez, E.V. 807(2004)55
- Wahlund, P.-O., Gustavsson, P.-E., Izumrudov, V.A., Larsson, P.-O. and Galaev, I.Yu.
Polyelectrolyte complexes as a tool for purification of plasmid DNA. Background and development 807(2004)121
- Winter, P., see Dawson, L.A. 807(2004)235
- Wolbers, M., see Horneman, D.A. 807(2004)39
- Woodley, J., see Arellano, C. 807(2004)263
- Wu, W., see Penugonda, S. 807(2004)251
- Xu, J., see Fung, H.-L. 807(2004)287
- Yakup Arica, M., Yalçın, E. and Bayramoğlu, G.
Preparation and characterisation of surfaces properties of poly(hydroxyethylmethacrylate-co-methacryloylamido-histidine) membranes: application for purification of human immunoglobulin G 807(2004)315
- Yalçın, E., see Yakup Arica, M. 807(2004)315
- Yamaguchi, M., see Yoshitake, T. 807(2004)177
- Yamamoto, E., Sakaguchi, T., Kajima, T., Mano, N. and Asakawa, N.
Novel methylcellulose-immobilized cation-exchange precolumn for on-line enrichment of cationic drugs in plasma 807(2004)327
- Yoo, Y.S., see Suresh Babu, C.V. 807(2004)307
- Yoshitake, S., see Yoshitake, T. 807(2004)177
- Yoshitake, T., Kehr, J., Yoshitake, S., Fujino, K., Nohta, H. and Yamaguchi, M.
Determination of serotonin, noradrenaline, dopamine and their metabolites in rat brain extracts and microdialysis samples by column liquid chromatography with fluorescence detection following derivatization with benzylamine and 1,2-diphenylethylenediamine 807(2004)177
- Zhang, M., Moore, G.A., Gardiner, S.J. and Begg, E.J.
Determination of rofecoxib in human plasma and breast milk by high-performance liquid chromatographic assay 807(2004)217
- Zomerdijs, M., see Horneman, D.A. 807(2004)39