



ELSEVIER

Journal of Chromatography B, 743 (2000) 443–445

JOURNAL OF  
CHROMATOGRAPHY B

www.elsevier.com/locate/chromb

## Author Index Vol. 743

- Abramson, J., see Sivars, U. 743(2000)307
- Alves, J.G.L.F., Chumpitaz, L.D.A., da Silva, L.H.M., Franco, T.T. and Meirelles, A.J.A.  
Partitioning of whey proteins, bovine serum albumin and porcine insulin in aqueous two-phase systems 743(2000)235
- Andrews, B.A., see Graber, T.A. 743(2000)57
- Andrews, B.A., see Taboada, M.E. 743(2000)101
- Asenjo, J.A., see Graber, T.A. 743(2000)57
- Asenjo, J.A., see Taboada, M.E. 743(2000)101
- Axelsson, A., see Mattisson, C. 743(2000)151
- Bakker, M.G., Morris, T.A., Turner, G.L. and Granger, E.  
Surfactant aggregates (solloids) adsorbed on silica as stationary chromatographic phases: structures and properties 743(2000)65
- Bandmann, N., see Berggren, K. 743(2000)295
- Barak, Z., see Engel, S. 743(2000)225
- Barak, Z., see Engel, S. 743(2000)281
- Barinaga-Rementería Ramírez, I., Ekblad, L. and Jergil, B.  
Affinity partitioning of biotinylated mixed liposomes: effect of charge on biotin–NeutrAvidin interaction 743(2000)389
- Berggren, K., Nilsson, A., Johansson, G., Bandmann, N., Nygren, P.-Å. and Tjerneld, F.  
Partitioning of peptides and recombinant protein–peptide fusions in thermoseparating aqueous two-phase systems: effect of peptide primary structure 743(2000)295
- Bim, M.A. and Franco, T.T.  
Extraction in aqueous two-phase systems of alkaline xylanase produced by *Bacillus pumilus* and its application in kraft pulp bleaching 743(2000)349
- Bosma, J.C. and Wesselingh, J.A.  
Partitioning and diffusion of large molecules in fibrous structures 743(2000)169
- Braas, G.M.F., Walker, S.G. and Lyddiatt, A.  
Recovery in aqueous two-phase systems of nanoparticulates applied as surrogate mimics for viral gene therapy vectors 743(2000)409
- Brumbauer, A., Johansson, G. and Réczey, K.  
Study on heterogeneity of  $\beta$ -glucosidase from *Aspergillus* species by using counter-current distribution 743(2000)247
- Campos-Takaki, G.M., see Sarubbo, L.A. 743(2000)79
- Carneiro-Leão, A.M.A., see Sarubbo, L.A. 743(2000)79
- Chait, A., see Gulyaeva, N. 743(2000)187
- Chipman, D.M., see Engel, S. 743(2000)225
- Chipman, D.M., see Engel, S. 743(2000)281
- Chumpitaz, L.D.A., see Alves, J.G.L.F. 743(2000)235
- Costa, S.A., Pessoa, A. and Roberto, I.C.  
Partitioning of xylanolytic complex from *Penicillium janthinellum* by an aqueous two-phase system 743(2000)339
- Cueto, L., see Rito-Palomares, M. 743(2000)5
- Da Silva, L.H.M., see Alves, J.G.L.F. 743(2000)235
- Da Silva, M.E. and Franco, T.T.  
Purification of soybean peroxidase (*Glycine max*) by metal affinity partitioning in aqueous two-phase systems 743(2000)287
- De Gouveia, T. and Kilikian, B.V.  
Bioaffinity extraction of glucoamylase in aqueous two-phase systems using starch as free bioligand 743(2000)241
- De Rijke, A., see Hofland, G.W. 743(2000)357
- Duarte, H.S., see Sarubbo, L.A. 743(2000)79
- Ekblad, L., see Barinaga-Rementería Ramírez, I. 743(2000)389
- Ekblad, L., Jergil, B. and Gierow, J.P.  
Purification of rabbit lacrimal gland plasma membranes by aqueous two-phase affinity partitioning 743(2000)397
- Engel, S., Barak, Z., Chipman, D.M. and Merchuk, J.C.  
Purification of acetohydroxy acid synthase by separation in an aqueous two-phase system 743(2000)281
- Engel, S., Vyazmensky, M., Barak, Z., Chipman, D.M. and Merchuk, J.C.  
Determination of the dissociation constant of valine from acetohydroxy acid synthase by equilibrium partition in an aqueous two-phase system 743(2000)225
- Fontana, D. and Ricci, G.  
Poly(ethylene glycol)-based aqueous biphasic systems: effect of temperature on phase equilibria and on partitioning of 1,10-phenanthroline–copper(II) sulphate complex 743(2000)231
- Forciniti, D., see Pettitt, P. 743(2000)431
- Franco, T.T., see Alves, J.G.L.F. 743(2000)235
- Franco, T.T., see Bim, M.A. 743(2000)349
- Franco, T.T., see da Silva, M.E. 743(2000)287
- Galindo, E., see Rito-Palomares, M. 743(2000)403
- Gierow, J.P., see Ekblad, L. 743(2000)397
- Graber, T.A., Andrews, B.A. and Asenjo, J.A.  
Model for the partition of metal ions in aqueous two-phase systems 743(2000)57
- Graber, T.A., see Taboada, M.E. 743(2000)101
- Granger, E., see Bakker, M.G. 743(2000)65
- Griffin, S.T., see Visser, A.E. 743(2000)107

- Gulyaeva, N., Zaslavsky, A., Lechner, P., Chait, A. and Zaslavsky, B.  
Relative hydrophobicity of organic compounds measured by partitioning in aqueous two-phase systems 743(2000)187
- Gulyaeva, N., see Zaslavsky, A. 743(2000)271
- Gündüz, U.  
Viscosity prediction of polyethylene glycol–dextran–water solutions used in aqueous two-phase systems 743(2000)181
- Gündüz, U.  
Partitioning of bovine serum albumin in an aqueous two-phase system: optimization of partition coefficient 743(2000)259
- Gündüz, U. and Korkmaz, K.  
Bovine serum albumin partitioning in an aqueous two-phase system: Effect of pH and sodium chloride concentration 743(2000)255
- Hartman, D.H., see Visser, A.E. 743(2000)107
- Haynes, C.A., see Steels, B.M. 743(2000)31
- Haynes, C.A., see Steels, B.M. 743(2000)41
- Hofland, G.W., de Rijke, A., Thiering, R., van der Wielen, L.A.M. and Witkamp, G.-J.  
Isoelectric precipitation of soybean protein using carbon dioxide as a volatile acid 743(2000)357
- Hong, D.-P., Lee, S.-S. and Kuboi, R.  
Conformational transition and mass transfer in extraction of proteins by AOT–alcohol–isooctane reverse micellar systems 743(2000)203
- Huddleston, J.G., see Willauer, H.D. 743(2000)127
- Huddleston, J.G., Willauer, H.D. and Rogers, R.D.  
Solvatochromic studies in polyethylene glycol–salt aqueous biphasic systems 743(2000)137
- Iwata, S., see Sivars, U. 743(2000)307
- Jergil, B., see Barinaga-Rementería Ramírez, I. 743(2000)389
- Jergil, B., see Ekblad, L. 743(2000)397
- Johansson, G., see Berggren, K. 743(2000)295
- Johansson, G., see Brumbauer, A. 743(2000)247
- Johansson, H.-O., see Umakoshi, H. 743(2000)13
- Jönsson, B., see Mattisson, C. 743(2000)151
- Kaul, A., see Persson, J. 743(2000)115
- Kilikian, B.V., see de Gouveia, T. 743(2000)241
- Kimura, K.  
Simultaneous accumulation of low-molecular-mass RNA at the interface along with accumulation of high-molecular-mass RNA on aqueous two-phase system partitioning 743(2000)421
- Korkmaz, K., see Gündüz, U. 743(2000)255
- Koska, J., see Steels, B.M. 743(2000)41
- Kroon, M., see Umakoshi, H. 743(2000)13
- Kuboi, R., see Hong, D.-P. 743(2000)203
- Kuboi, R., Morita, S., Ota, H. and Umakoshi, H.  
Protein refolding using stimuli-responsive polymer-modified aqueous two-phase systems 743(2000)85
- Kuboi, R., see Shimanouchi, T. 743(2000)85
- Kuboi, R., see Umakoshi, H. 743(2000)13
- Kuboi, R., see Yoshimoto, M. 743(2000)93
- Kula, M.-R., see Selber, K. 743(2000)21
- Lebreton, B. and Lyddiatt, A.  
Application of aqueous two-phase partition to the production of homogeneous preparations of fluorescently labelled human serum albumin 743(2000)263
- Lechner, P., see Gulyaeva, N. 743(2000)187
- Lee, S.-S., see Hong, D.-P. 743(2000)203
- Leermakers, F.A.M., see Steels, B.M. 743(2000)31
- Li, M., see Willauer, H.D. 743(2000)127
- Lima-Filho, J.L., see Sarubbo, L.A. 743(2000)79
- Luyben, K.Ch.A.M., see van Berlo, M. 743(2000)317
- Lyddiatt, A., see Braas, G.M.F. 743(2000)409
- Lyddiatt, A., see Lebreton, B. 743(2000)263
- Mattisson, C., Roger, P., Jönsson, B., Axelsson, A. and Zacchi, G.  
Diffusion of lysozyme in gels and liquids. A general approach for the determination of diffusion coefficients using holographic laser interferometry 743(2000)151
- Meirelles, A.J.A., see Alves, J.G.L.F. 743(2000)235
- Merchuk, J.C., see Engel, S. 743(2000)225
- Merchuk, J.C., see Engel, S. 743(2000)281
- Morita, S., see Kuboi, R. 743(2000)215
- Morita, S., see Shimanouchi, T. 743(2000)85
- Morré, D.J. and Morré, D.M.  
Applications of aqueous two-phase partition to isolation of membranes from plants: A periodic NADH oxidase activity as a marker for right side-out plasma membrane vesicles 743(2000)369
- Morre, D.J., see Morré, D.M. 743(2000)377
- Morré, D.M., see Morré, D.J. 743(2000)369
- Morré, D.M. and Morre, D.J.  
Aqueous two-phase partition applied to the isolation of plasma membranes and Golgi apparatus from cultured mammalian cells 743(2000)377
- Morris, T.A., see Bakker, M.G. 743(2000)65
- Negrete, A., see Rito-Palomares, M. 743(2000)403
- Nellen, F., see Selber, K. 743(2000)21
- Nilsson, A., see Berggren, K. 743(2000)295
- Nygren, P.-Å., see Berggren, K. 743(2000)295
- Oliveira, L.A., see Sarubbo, L.A. 743(2000)79
- Ota, H., see Kuboi, R. 743(2000)215
- Ottens, M., see van Berlo, M. 743(2000)317
- Otzen, D.E., see Umakoshi, H. 743(2000)13
- Persson, J., Kaul, A. and Tjerneld, F.  
Polymer recycling in aqueous two-phase extractions using thermoseparating ethylene oxide–propylene oxide copolymers 743(2000)115
- Persson, J., see Umakoshi, H. 743(2000)13
- Pessoa, A., see Costa, S.A. 743(2000)339
- Petitt, P. and Forciniti, D.  
Cold cataracts: a naturally occurring aqueous two-phase systems 743(2000)431
- Porto, A.L.F., see Sarubbo, L.A. 743(2000)79
- Réczey, K., see Brumbauer, A. 743(2000)247
- Ricci, G., see Fontana, D. 743(2000)231
- Rito-Palomares, M. and Cueto, L.  
Effect of biological suspensions on the position of the binodal curve in aqueous two-phase systems 743(2000)5

- Rito-Palomares, M., Negrete, A., Galindo, E. and Serrano-Carreón, L.  
Aroma compounds recovery from mycelial cultures in aqueous two-phase processes 743(2000)403
- Rito-Palomares, M., see Solano-Castillo, C. 743(2000)195
- Roberto, I.C., see Costa, S.A. 743(2000)339
- Roger, P., see Mattisson, C. 743(2000)151
- Rogers, R.D., see Huddleston, J.G. 743(2000)137
- Rogers, R.D., see Visser, A.E. 743(2000)107
- Rogers, R.D., see Willauer, H.D. 743(2000)127
- Sarubbo, L.A., Oliveira, L.A., Porto, A.L.F., Duarte, H.S., Carneiro-Leão, A.M.A., Lima-Filho, J.L., Campos-Takaki, G.M. and Tambourgi, E.B.  
New aqueous two-phase system based on cashew-nut tree gum and poly(ethylene glycol) 743(2000)79
- Selber, K., Nellen, F., Steffen, B., Thömmes, J. and Kula, M.-R.  
Investigation of mathematical methods for efficient optimisation of aqueous two-phase extraction 743(2000)21
- Serrano-Carreón, L., see Rito-Palomares, M. 743(2000)403
- Shimanouchi, T., Morita, S., Umakoshi, H. and Kuboi, R.  
Stimuli-responsive separation of proteins using immobilized liposome chromatography 743(2000)85
- Shimanouchi, T., see Yoshimoto, M. 743(2000)93
- Sivars, U., Abramson, J., Iwata, S. and Tjerneld, F.  
Affinity partitioning of a poly(histidine)-tagged integral membrane protein, cytochrome *b<sub>0</sub>*, ubiquinol oxidase, in a detergent-polymer aqueous two-phase system containing metal-chelating polymer 743(2000)307
- Sivars, U., see Xiao, J.-X. 743(2000)327
- Solano-Castillo, C. and Rito-Palomares, M.  
Kinetics of phase separation under different process and design parameters in aqueous two-phase systems 743(2000)195
- Steels, B.M., Koska, J. and Haynes, C.A.  
Analysis of brush-particle interactions using self-consistent field theory 743(2000)41
- Steels, B.M., Leermakers, F.A.M. and Haynes, C.A.  
Analysis of compression of polymer mushrooms using self-consistent field theory 743(2000)31
- Steffen, B., see Selber, K. 743(2000)21
- Taboada, M.E., Graber, T.A., Asenjo, J.A. and Andrews, B.A.  
Drowning-out crystallisation of sodium sulphate using aqueous two-phase systems 743(2000)101
- Tambourgi, E.B., see Sarubbo, L.A. 743(2000)79
- Thiering, R., see Hofland, G.W. 743(2000)357
- Thömmes, J., see Selber, K. 743(2000)21
- Tjerneld, F., see Berggren, K. 743(2000)295
- Tjerneld, F., see Persson, J. 743(2000)115
- Tjerneld, F., see Sivars, U. 743(2000)307
- Tjerneld, F., see Umakoshi, H. 743(2000)13
- Tjerneld, F., see Xiao, J.-X. 743(2000)327
- Turner, G.L., see Bakker, M.G. 743(2000)65
- Umakoshi, H., see Kuboi, R. 743(2000)215
- Umakoshi, H., Persson, J., Kroon, M., Johansson, H.-O., Otzen, D.E., Kuboi, R. and Tjerneld, F.  
Model process for separation based on unfolding and refolding of chymotrypsin inhibitor 2 in thermoseparating polymer two-phase systems 743(2000)13
- Umakoshi, H., see Shimanouchi, T. 743(2000)85
- Umakoshi, H., see Yoshimoto, M. 743(2000)93
- Van Berlo, M., Ottens, M., Luyben, K.Ch.A.M. and van der Wielen, L.A.M.  
Partitioning behavior of amino acids in aqueous two-phase systems with recyclable volatile salts 743(2000)317
- Van der Wielen, L.A.M., see Hofland, G.W. 743(2000)357
- Van der Wielen, L.A.M., see van Berlo, M. 743(2000)317
- Visser, A.E., Griffin, S.T., Hartman, D.H. and Rogers, R.D.  
Naphthol- and resorcinol-based azo dyes as metal ion complexants in aqueous biphasic systems 743(2000)107
- Vyazmensky, M., see Engel, S. 743(2000)225
- Walker, S.G., see Braas, G.M.F. 743(2000)409
- Wesselingh, J.A., see Bosma, J.C. 743(2000)169
- Willauer, H.D., Huddleston, J.G., Li, M. and Rogers, R.D.  
Investigation of aqueous biphasic systems for the separation of lignins from cellulose in the paper pulping process 743(2000)127
- Willauer, H.D., see Huddleston, J.G. 743(2000)137
- Witkamp, G.-J., see Hofland, G.W. 743(2000)357
- Xiao, J.-X., Sivars, U. and Tjerneld, F.  
Phase behavior and protein partitioning in aqueous two-phase systems of cationic-anionic surfactant mixtures 743(2000)327
- Yoshimoto, M., Shimanouchi, T., Umakoshi, H. and Kuboi, R.  
Immobilized liposome chromatography for refolding and purification of protein 743(2000)93
- Zacchi, G., see Mattisson, C. 743(2000)151
- Zaslavsky, A., see Gulyaeva, N. 743(2000)187
- Zaslavsky, A., Gulyaeva, N. and Zaslavsky, B.  
Peptides partitioning in an aqueous dextran-polyethylene glycol two-phase system 743(2000)271
- Zaslavsky, B., see Gulyaeva, N. 743(2000)187
- Zaslavsky, B., see Zaslavsky, A. 743(2000)271