



ELSEVIER

Journal of Chromatography A, 851 (1999) 1–94

JOURNAL OF
CHROMATOGRAPHY A

www.elsevier.com/locate/chroma

CUMULATIVE AUTHOR INDEX

J. CHROMATOGR. A VOLS. 802–850

A

- Aaserud, D.J., see Prokai, L. 835(1999)121
Aawasiripong, S.
Asee Chen, K. 822(1998)281
Abad, A., Moreno, M.J., Pelegrí, R., Martínez, M.I., Sáez, A., Gamón, M. and Montoya, A.
Determination of carbaryl, carbofuran and methiocarb in cucumbers and strawberries by monoclonal enzyme immunoassays and high-performance liquid chromatography with fluorescence detection. An analytical comparison 833(1999)3
Abe, Y., see Nishizawa, H. 849(1999)61
Abidi, S.L.
Reversed-phase retention characteristics of tocotrienol antioxidants 844(1999)67
Abollino, O., see Sarzanini, C. 804(1998)241
Abollino, O., see Sarzanini, C. 847(1999)233
Abraham, M.H., see Martin, S.D. 805(1998)217
Abraham, M.H., see Plass, M. 803(1998)51
Abraham, M.H., Poole, C.F. and Poole, S.K.
Classification of stationary phases and other materials by gas chromatography (Review) 842(1999)79
Abraham, M.H., see Rosés, M. 845(1999)217
Abramson, F.P., see Lecchi, P. 828(1998)509
Abroskin, A.G., see Dzyabchenko, A.A. 827(1998)13
Abushoffa, A.M., see Assi, K.H. 817(1998)83
Acar, J., see Gökmén, V. 815(1998)99
Acar, J., see Gökmén, V. 847(1999)69
Accinni, R., Campolo, J., Bartesaghi, S., De Leo, G., Lucarelli, C., Cursano, C.F. and Parodi, O.
High-performance liquid chromatographic determination of total plasma homocysteine with or without internal standards 828(1998)397

- Achard, M.F., see Terrien, I. 810(1998)19
Achilli, M. and Romele, L.
Ion chromatographic determination of bromate in drinking water by post-column reaction with fuchsin 847(1999)271
Adahchour, M., Vreuls, R.J.J., van der Heijden, A. and Brinkman, U.A.Th.
Trace-level determination of polar flavour compounds in butter by solid-phase extraction and gas chromatography–mass spectrometry 844(1999)295
Adam, A., see Andralojc, P.J. 814(1998)105
Adam, R., see Hardas, N.R. 844(1999)249
Adam, T., see Barták, P. 818(1998)231
Adamov, A.V., see Krokhin, O.V. 850(1999)269
Adamovský, P., see Bednář, P. 838(1999)89
Adams, E., Puelings, D., Rafiee, M., Roets, E. and Hoogmartens, J.
Determination of netilmicin sulfate by liquid chromatography with pulsed electrochemical detection 812(1998)151
Adams, E., Van Vaerenbergh, G., Roets, E. and Hoogmartens, J.
Analysis of amikacin by liquid chromatography with pulsed electrochemical detection 819(1998)93
Adams, M.A., see Chen, Z.L. 818(1998)61
Afeyan, N., see Whitney, D. 807(1998)165
Afonso, A.M., see Linares, R.M. 808(1998)87
Agbaba, D., see Markovic, G. 847(1999)365
Agüera, A., see Fernandez-Alba, A.R. 823(1998)35
Aguilar, C., Borrull, F. and Marcé, R.M.
Identification of pesticides by liquid chromatography–particle beam mass spectrometry using electron ionization and chemical ionization 805(1998)127
Aguilar, C., Peñalver, A., Pocurull, E., Ferré, J., Borrull, F. and Marcé, R.M.
Optimization of solid-phase microextraction conditions using a response surface methodology to determine organochlorine pesticides in water by gas chromatography and electron-capture detection 844(1999)425
Aguilar, C., see Pocurull, E. 818(1998)85
Ahren, W., see Buchberger, W. 850(1999)99
Akahori, S., see Oka, H. 813(1998)71

- Akapo, S.O., Dimandja, J.-M.D., Kojiro, D.R., Valentin, J.R. and Carle, G.C.
Gas chromatography in space (Review) 843(1999)147
- Ake, M., Fabre, H., Malan, A.K. and Mandrou, B.
Column liquid chromatography determination of vitamins A and E in powdered milk and local flour: a validation procedure 826(1998)183
- Akino, T., see Yachida, Y. 813(1998)325
- Akizawa, T., see Isumi, Y. 806(1998)231
- Akseli, A. and Kutun, §.
Separation and determination of various elements by cation-exchange chromatography with sodium trimetaphosphate as the eluent 847(1999)245
- Akseli, A., see Kutun, §. 847(1999)261
- Albanis, T.A., Hela, D.G., Sakellarides, T.M. and Konstantinou, I.K.
Monitoring of pesticide residues and their metabolites in surface and underground waters of Imathia (N. Greece) by means of solid-phase extraction disks and gas chromatography 823(1998)59
- Alberghina, G., Fischella, S. and Renda, E.
Separation of G structures formed by a 27-mer guanosine-rich oligodeoxyribonucleotide by dye-ligand affinity chromatography 840(1999)51
- Albert, K., see de Koning, J.A. 813(1998)55
- Albert, K., see Pusecker, K. 836(1999)245
- Albert, K., see Wielandt, W. 805(1998)71
- Albrecht, C. and Thormann, W.
Determination of naproxen in liver and kidney tissues by electrokinetic capillary chromatography with laser-induced fluorescence detection 802(1998)115
- Albrecht, J.A., see Osseyi, E.S. 826(1998)235
- Alden, B.A., see Neue, U.D. 849(1999)87
- Alden, B.A., see Neue, U.D. 849(1999)101
- Aldstadt, J.H., see Szostek, B. 807(1998)253
- Alessandrini, J.L., see Gonzalez, F.R. 810(1998)105
- Alfazema, L.N., Howells, S. and Perrett, D.
Determination of allantoin in biofluids using micellar electrokinetic capillary chromatography 817(1998)345
- Alfonso, P., see Camafeita, E. 823(1998)299
- Algiman, E., see Tauc, P. 825(1998)17
- Allahverdiev, A.I., Irandoust, S. and Andersson, M.
Chromatographic separation of α -pinene isomerization products 848(1999)297
- Allegrini, I., Ianniello, A., Montagnoli, M., Sparapani, R. and Mazzotti Gomez de Teran, C.
Carbon-coated annular denuders and ion chromatographic measurements for the determination of nitrogen-containing species (NO_2 and NO_y) in remote atmospheres 846(1999)265
- Allegrini, I., see Perrino, C. 846(1999)269
- Allemann, D., see Caslavská, J. 838(1999)197
- Allinson, N.M., see Pokrić, B. 833(1999)231
- Almela, L., see Hegazi, M.M. 829(1998)153
- Alonso, G.L., see Rosillo, L. 847(1999)155
- Alonso, M.C., Puig, D., Silgoner, I., Grasserbauer, M. and Barceló, D.
Determination of priority phenolic compounds in soil samples by various extraction methods followed by liquid chromatography-atmospheric pressure chemical ionisation mass spectrometry 823(1998)231
- Alonso, R.M., see Martínez, V. 836(1999)189
- Alpendurada, M.F., see Negrão, M.R. 823(1998)211
- Al-Shawi, A.W. and Dahl, R.
Determination of total chromium in phosphate rocks by ion chromatography 850(1999)137
- Altintas, M.M., Özer, N. and Ülgen, K.Ö.
Purification of TaqI endonuclease from *Thermus aquaticus* 828(1998)373
- Altria, K.D.
Application of microemulsion electrokinetic chromatography to the analysis of a wide range of pharmaceuticals and excipients 844(1999)371
- Altria, K.D., see Assi, K.H. 817(1998)83
- Alvarez, R., see Diez, M.A. 823(1998)527
- Alvarez, R., see Díez, M.A. 830(1999)155
- Amador, T.A., see Verotta, L. 841(1999)165
- Amendola, G., see Di Muccio, A. 833(1999)19
- Amirav, A., see Jing, H. 805(1998)177
- Amirav, A. and Jing, H.
Simultaneous pulsed flame photometric and mass spectrometric detection for enhanced pesticide analysis capabilities 814(1998)133
- Anastasio, A., see Draisci, R. 814(1998)187
- Anastassiades, M. and Schwack, W.
Analysis of carbendazim, benomyl, thiophanate methyl and 2,4-dichlorophenoxyacetic acid in fruits and vegetables after supercritical fluid extraction 825(1998)45
- Anazawa, T.A., see Jardim, I.C.S.F. 849(1999)299
- Ancona, B., see Ruzza, P. 813(1998)277
- Anděl, L., see Jandera, P. 831(1999)131
- Anderegg, R.J., see Villeneuve, M.S. 826(1998)217
- Andersen, Ø.M., see Frøytlog, C. 825(1998)89
- Andersen, T., see Trones, R. 814(1998)55
- Anderson, Jr., J.M., see Montgomery, R.M. 804(1998)55
- Andersson, E.K.M.
Impurities at a level of 0.01% in fosfarnet sodium determined by capillary zone electrophoresis with indirect UV detection and sample self-stacking 846(1999)245
- Andersson, G., see Thorsteinsdóttir, M. 809(1998)191
- Andersson, G., see Thorsteinsdóttir, M. 831(1999)293
- Andersson, H.S., Karlsson, J.G., Piletsky, S.A., Koch-Schmidt, A.-C., Mosbach, K. and Nicholls, I.A.
Study of the nature of recognition in molecularly imprinted polymers, II [1] Influence of monomer-template ratio and sample load on retention and selectivity 848(1999)39
- Andersson, L.I., see Schweitz, L. 817(1998)5
- Andersson, M., see Allahverdiev, A.I. 848(1999)297
- Andersson, P., see Macka, M. 803(1998)279
- Andlauer, W., Martena, M.J. and Fürst, P.
Determination of selected phytochemicals by reversed-phase high-performance liquid chromatography combined with ultraviolet and mass spectrometric detection 849(1999)341
- Ando, K., see Yamamoto, A. 804(1998)305

- Andrade, J.D., see Luo, Q. 816(1998)97
- Andralojc, P.J., Keys, A.J., Adam, A. and Parry, M.A.J.
Separation of the branch chain hexose, hamamelose, by
high-performance liquid chromatography, and amperometric
detection of hamamelose and related compounds
814(1998)105
- Andreev, V.P. and Pliss, N.S.
Computer simulation of electroinjection analysis and
electrophoretically mediated microanalysis. Commensurable
concentrations of sample and reagent 845(1999)227
- Andreoli, R., Manini, P., Bergamaschi, E., Mutti, A., Franchini,
I. and Niessen, W.M.A.
Determination of naphthalene metabolites in human urine
by liquid chromatography-mass spectrometry with
electrospray ionization 847(1999)9
- Andres, I., see Lopez, R. 812(1998)135
- Andrés-Lacueva, C., Mattivi, F. and Tonon, D.
Determination of riboflavin, flavin mononucleotide and
flavin-adenine dinucleotide in wine and other beverages by
high-performance liquid chromatography fluorescence
detection 823(1998)355
- Andrisano, V., Gotti, R., Cavrini, V., Tumiatti, V., Felix, G. and
Wainer, I.W.
Capillary electrophoretic and high-performance liquid
chromatographic studies of the enantioselective separation
of α_1 -adrenoreceptor antagonists 803(1998)189
- Andrisano, V., see Gotti, R. 814(1998)205
- Andrisano, V., see Gotti, R. 844(1999)361
- Andrisano, V., see Gotti, R. 845(1999)247
- Andrisano, V., see Makamba, H. 818(1998)43
- Angelino, S., Prevot, A.B., Gennaro, M.C. and Pramauro, E.
Ion-interaction high-performance liquid chromatography and
micellar electrokinetic capillary chromatography: two
complementary techniques for the separation of aromatic
sulfonated compounds 845(1999)257
- Anger, P., see Vial, J. 815(1998)173
- Annan, R.S., see Erdjument-Bromage, H. 826(1998)167
- Antia, F.D., see Roush, D.J. 827(1998)373
- Antonozzi, I., see Carducci, C. 846(1999)93
- Antonucci, V., Kelly, J., Wright, L., Yasuda, N., Jensen, M.,
Yang, C. and Reamer, R.
Development of chromatographic methods to monitor the
synthesis of (tributylstannyl)methanol through unstable
lithiated intermediates 840(1999)215
- Aoe, K., see Yaku, K. 848(1999)337
- Aoki, Y., see Onji, Y. 815(1998)59
- Aoyagi, K., see Shibukawa, M. 832(1999)17
- Aparicio, R., see Morales, M.T. 819(1998)267
- Apazidou, K.K., see Papageorgiou, V.P. 831(1999)333
- Apffel, A., see Fleming, C.M. 849(1999)71
- Apffel, A., Yin, H., Hancock, W.S., McManigill, D., Frenz, J.
and Wu, S.-L.
Effect of electric field on liquid chromatographic separation
of peptide digests. Combining capillary separation
techniques 832(1999)149
- Aplada-Sarlis, P.G., see Miliadis, G.E. 835(1999)113
- Arai, S., see Masuda, T. 845(1999)401
- Araki, T., Kashiwamoto, Y., Tsunoi, S. and Tanaka, M.
Preparation and enantiomer separation behavior of
selectively methylated γ -cyclodextrin-bonded stationary
phases for high-performance liquid chromatography
845(1999)455
- Aranda, R. and Burk, R.C.
Determination of a non-ionic surfactant by solid-phase
microextraction coupled with high-performance liquid
chromatography and on-line derivatization 829(1998)401
- Arato, T., see Hiraoka, A. 802(1998)143
- Arce, L., Ríos, A. and Valcárcel, M.
Direct determination of biogenic amines in wine by
integrating continuous flow clean-up and capillary
electrophoresis with indirect UV detection 803(1998)249
- Arce, L., Ríos, A. and Valcárcel, M.
Determination of anti-carcinogenic polyphenols present in
green tea using capillary electrophoresis coupled to a flow
injection system 827(1998)113
- Arce, L., Segura Carretero, A., Ríos, A., Cruces, C., Fernández,
A. and Valcárcel, M.
Use of calixarene compounds as selectivity modifiers in
capillary electrophoresis separations 816(1998)243
- Arcelloni, C., Vaiani, R. and Paroni, R.
Is the direct quantitation of antibiotics in agar by high-
performance liquid chromatography useful? 812(1998)111
- Armani, U., see Minniti, G. 828(1998)401
- Armisén, P., Mateo, C., Cortés, E., Barredo, J.L., Salto, F.,
Diez, B., Rodés, L., García, J.L., Fernández-Lafuente, R.
and Guisán, J.M.
Selective adsorption of poly-His tagged glutaryl acylase on
tailor-made metal chelate supports 848(1999)61
- Armstrong, D.W., see Péter, A. 828(1998)177
- Armstrong, D.W., see Török, G. 846(1999)83
- Arpicco, S., see Dosio, F. 830(1999)329
- Arriaga, E.A., see Stathakis, C. 817(1998)227
- Arriaga, E.A., see Stathakis, C. 817(1998)233
- Aruda, W.O., see Liu, H. 818(1998)69
- Arunkumar, R., see Lin, J.-G. 840(1999)71
- Arvanitopoulou, E., see Katsanos, N.A. 845(1999)103
- Arvidsson, P., see Skog, K. 803(1998)227
- Asakawa, N., see Suzuki, N. 829(1998)411
- Ashley, D.L., see Song (Sherry), S. 814(1998)171
- Asiaie, R., Huang, X., Farnan, D. and Horváth, Cs.
Sintered octadecylsilica as monolithic column packing in
capillary electrochromatography and micro high-
performance liquid chromatography 806(1998)251
- Aslan, A., see Genç, M. 839(1999)265
- Assi, K.H., Abushoffa, A.M., Altria, K.D. and Clark, B.J.
Determination of trace enantiomeric impurities in chiral
compounds by capillary electrophoresis with uncoated,
cationic, anionic and neutral surface modified capillaries
817(1998)83
- Astakhov, A.L., see Roshchina, T.M. 844(1999)225
- Astratov, M., see Benfenati, E. 831(1999)243
- Åström, O., see Stubberud, K.P. 826(1998)95
- Athanasiopoulou, A., Gavril, D., Koliadima, A. and
Karaiskakis, G.
Study of hydroxyapatite aggregation in the presence of
potassium phosphate by centrifugal sedimentation field-flow
fractionation 845(1999)293

- Atsumi, E., see Oka, H. 813(1998)71
- Attard Barbini, D., see Di Muccio, A. 833(1999)19
- Attard Barbini, D., see Di Muccio, A. 833(1999)61
- Aturki, Z., Desiderio, C., Mannina, L. and Fanali, S.
Chiral separations by capillary zone electrophoresis with
the use of cyanoethylated- β -cyclodextrin as chiral selector
817(1998)91
- Aturki, Z., see Fanali, S. 838(1999)223
- Aubin, A.J., see Muir, A.D. 810(1998)241
- Audran, M., see Hamel, B. 812(1998)369
- Aue, W.A., see Lowery, N.B. 806(1998)305
- Auger, J., Rousset, S., Thibout, E. and Jaillaire, B.
Solid-phase microextraction–gas chromatography–direct
deposition infrared spectrometry as a convenient method
for the determination of volatile compounds from living
organisms 819(1998)45
- Augusto, F. and Valente, A.L.P.
Compound retention dependence of the response in a gas
chromatography–atomic emission detection system
819(1998)85
- Auriola, S., see Häkkinen, S. 829(1998)91
- Auriola, S., see Vähätilo, H. 846(1999)49
- Avantaggiato, G., see Solfrizzo, M. 815(1998)67
- Avdalovic, N., see Hardy, S. 834(1999)309
- Avdalovic, N., see Madden, J.E. 837(1999)65
- Avdalovic, N., see Weitzhandler, M. 828(1998)365
- Aviles, F.J., see Zhu, M. 833(1999)223
- Avino, P., see Campanella, L. 833(1999)137
- Axelsson, A., see Gustavsson, P.-E. 830(1999)275
- Axelsson, A., see Kempe, H. 846(1999)1
- Ayala, J.H., see Linares, R.M. 808(1998)87
- Ayers, G.P., Selleck, P.W., Gillett, R.W. and Keywood, M.D.
Determination of nicotine in water by gradient ion
chromatography 824(1998)241
- Ayet, G., see Oboh, H.A. 823(1998)307
- Ayrton, J., Dear, G.J., Leavens, W.J., Mallett, D.N. and Plum,
R.S.
Optimisation and routine use of generic ultra-high flow-rate
liquid chromatography with mass spectrometric detection
for the direct on-line analysis of pharmaceuticals in plasma
828(1998)199
- B**
- Baalouamer, A., see Chanegriha, N. 819(1998)61
- Baba, Y., see Inoue, H. 802(1998)179
- Babić, S., Petrović, M. and Kaštelan-Macan, M.
Ultrasonic solvent extraction of pesticides from soil
823(1998)3
- Bachelor, M.A., see Okembo, A.A. 844(1999)387
- Bächmann, K., see Bazzanella, A. 809(1998)231
- Bächmann, K., see Ehmann, T. 816(1998)261
- Bächmann, K., see Kibler, M. 836(1999)325
- Bächmann, K., see Lochmann, H. 817(1998)337
- Bächmann, K., see Tjørnelund, J. 811(1998)211
- Bader, A., see Gooijer, C. 824(1998)1
- Badger, S.E., see Levison, P.R. 816(1998)107
- Badger, S.E., see Levison, P.R. 827(1998)337
- Bae, S.S., see Shukla, A.A. 814(1998)83
- Bae, S.S., see Shukla, A.A. 827(1998)295
- Baer-Koetzle, M., see Renner, T. 847(1999)127
- Bagger, L.H., see Jørgensen, T.K. 817(1998)205
- Baggiani, C., see Zerbiniati, O. 810(1998)193
- Baglio, D., see Nilsson, T. 826(1998)211
- Bakola-Christianopoulou, M.N., see Papageorgiou, V.P.
831(1999)333
- Baldock, S.J., see Prest, J.E. 836(1999)59
- Balinova, A.
Multiresidue determination of pesticides in plants by high-
performance liquid chromatography following gel
permeation chromatographic clean-up 823(1998)11
- Balland, A., Mahan-Boyce, J.A., Krasts, D.A., Daniels, M.,
Wang, W. and Gombotz, W.R.
Characterization of the isoforms of PIXY321, a
granulocyte-macrophage-colony stimulating factor–
interleukin-3 fusion protein, separated by preparative
isoelectric focusing on immobilized pH gradients
846(1999)143
- Ballantine, D.S., see McCann, M.M. 837(1999)171
- Ballantine, Jr., D.S., see Callahan, B.K. 836(1999)261
- Ballou, N.E., see Petersen, S.L. 834(1999)445
- Ballschmiter, K., see Looser, R. 836(1999)271
- Ballwanz, F., see Hirsch, R. 815(1998)213
- Bally, R.W., see van Dinther, F.H.M. 817(1998)273
- Baltes, T., see Eggert, M. 827(1998)269
- Baltussen, E., David, F., Sandra, P., Janssen, H.-G. and
Cramers, C.A.
Retention model for sorptive extraction–thermal desorption
of aqueous samples: application to the automated analysis
of pesticides and polycyclic aromatic hydrocarbons in water
samples 805(1998)237
- Baltussen, E., Snijders, H., Janssen, H.-G., Sandra, P. and
Cramers, C.A.
Determination of phenylurea herbicides in water samples
using on-line sorptive preconcentration and high-
performance liquid chromatography with UV or
electrospray mass spectrometric detection 802(1998)285
- Banks, J.F., see Choudhary, G. 828(1998)469
- Banks, P., see Kei Lau, S. 809(1998)203
- Bao, M.-l., Pantani, F., Griffini, O., Burri, D., Santianni, D.
and Barbieri, K.
Determination of carbonyl compounds in water by
derivatization–solid-phase microextraction and gas
chromatographic analysis 809(1998)75
- Baošić, R.M., see Tešić, Ž.Lj. 847(1999)303
- Baranski, A., see Zhou, J. 839(1999)193
- Baranski, A.S., see Wen, J. 811(1998)181
- Barba, A., see Oliva, J. 833(1999)43
- Barbacci, D.C., see Watkins, L.K. 840(1999)183
- Barbanjo, J.M., see Yritia, M. 846(1999)199
- Barbas, C., see Rupérez, F.J. 823(1998)483

- Barbas, C., see Rupérez, F.J. 839(1999)93
 Barbieri, K., see Bao, M.-I. 809(1998)75
 Barbosa, J., Barrón, D. and Jiménez-Lozano, E.
 Electrophoretic behaviour of quinolones in capillary electrophoresis. Effect of pH and evaluation of ionization constants 839(1999)183
 Barbosa, J., Bergés, R. and Sanz-Nebot, V.
 Retention behaviour of quinolone derivatives in high-performance liquid chromatography. Effect of pH and evaluation of ionization constants 823(1998)411
 Barbosa, J., see Sanz-Nebot, V. 833(1999)267
 Barbosa, J., see Sanz-Nebot, V. 846(1999)25
 Barbosa, J., Toro, I. and Sanz-Nebot, V.
 Secondary chemical equilibria in high-performance liquid chromatography: influence of ionic strength and pH on retention of peptides 823(1998)497
 Barceló, D., see Alonso, M.C. 823(1998)231
 Barceló, D., see Benfenati, E. 831(1999)243
 Barceló, D., see Fernandez-Alba, A.R. 823(1998)35
 Barceló, D., see Lacorte, S. 833(1999)181
 Barceló, D., see Mallat, E. 823(1998)129
 Barceló, D., see Nunes, G.S. 823(1998)109
 Barceló, D., see Peñuela, G.A. 823(1998)81
 Barcina, Y., see Izco, J.M. 832(1999)239
 Bardelmeijer, H.A., Lingeman, H., de Ruiter, C. and Underberg, W.J.M.
 Derivatization in capillary electrophoresis (Review) 807(1998)3
 Barletta, B., see Belloli, R. 846(1999)277
 Barnhouse, K.A., see Shukla, A.A. 814(1998)83
 Barr, J.R., see Otsuka, K. 817(1998)75
 Barredo, J.L., see Armisen, P. 848(1999)61
 Barriocanal, C., see Diez, M.A. 823(1998)527
 Barriocanal, C., see Díez, M.A. 830(1999)155
 Barrón, D., see Barbosa, J. 839(1999)183
 Barta, C., see Guttmann, A. 828(1998)481
 Barta, C., Sasvári-Székely, M. and Guttmann, A.
 Simultaneous analysis of various mutations on the 21-hydroxylase gene by multi-allele specific amplification and capillary gel electrophoresis 817(1998)281
 Barták, P., see Bednář, P. 838(1999)89
 Barták, P., Ševčík, J., Adam, T., Friedecký, D., Lemr, K. and Stránský, Z.
 Study of cytokinin separation using capillary electrophoresis with cyclodextrin additives 818(1998)231
 Bartesaghi, S., see Accinni, R. 828(1998)397
 Bartle, K.D., see Cikalo, M.G. 836(1999)25
 Bartle, K.D., see Cikalo, M.G. 836(1999)35
 Bartle, K.D., see Mondello, L. 842(1999)373
 Bartsch, H., Eiper, A., Habiger, K. and Kopeleit-Frank, H.
 Comparison of analytical methods for investigating the photostability of isoxicam 846(1999)207
 Barturen, C., see Echevarría, I. 819(1998)171
 Baru, M.B., see Vagenina, IV. 840(1999)281
 Barut, M., see Josić, D. 803(1998)61
 Barut, M., see Podgornik, A. 848(1999)51
 Barwick, V.J.
 Sources of uncertainty in gas chromatography and high-performance liquid chromatography 849(1999)13
 Basener, N., see Klampf, C.W. 804(1998)357
 Bassford, M., see O'Doherty, S.J. 832(1999)253
 Bates, R.B., see Liang, Y. 827(1998)45
 Bates, R.C. and Frey, D.D.
 Quasi-linear pH gradients for chromatofocusing using simple buffer mixtures: local equilibrium theory and experimental verification 814(1998)43
 Battaglia, C., see Mangano, M.F. 848(1999)435
 Bauer, K.-H., Knepper, T.P., Maes, A., Schatz, V. and Voihsel, M.
 Analysis of polar organic micropollutants in water with ion chromatography-electrospray mass spectrometry 837(1999)117
 Bauer-Arnaz, K., Napolitano, E.W., Roberts, D.N., Montali, J.A., Hughes, B.R. and Schmidt, Jr., D.E.
 Salt-induced immobilization of small affinity ligands on an epoxide-activated affinity support 803(1998)73
 Baumann, R.A., see Hogendoorn, E.A. 833(1999)67
 Baumes, R., see Kotseridis, Y. 824(1998)71
 Baumes, R.L., see Kotseridis, Y. 841(1999)229
 Baumes, R.L., see Kotseridis, Y. 848(1999)317
 Baumes, R.L., see Kotseridis, Y. 849(1999)245
 Bautista, J.M., González-Vila, F.J., Martín, F., del Rio, J.C., Gutierrez, A., Verdejo, T. and Gustavo González, A.
 Supercritical-carbon-dioxide extraction of lipids from a contaminated soil 845(1999)365
 Bautz, H., Polzer, J. and Stieglitz, L.
 Comparison of pressurised liquid extraction with Soxhlet extraction for the analysis of polychlorinated dibenzo-*p*-dioxins and dibenzofurans from fly ash and environmental matrices 815(1998)231
 Bauw, G., see Van der Eycken, E. 811(1998)261
 Baycan-Keller, R. and Oehme, M.
 Optimization of tandem columns for the isomer and enantiomer selective separation of toxaphenes 837(1999)201
 Bayer, E., see Behnke, B. 818(1998)257
 Bayer, E., see Pusecker, K. 836(1999)245
 Bayona, J.-M., see Schubert, P. 810(1998)245
 Bay-Smidt, A.M., see Blennow, A. 829(1998)385
 Bazzanella, A., Lochmann, H., Tomos, A.D. and Bächmann, K.
 Determination of inorganic cations and anions in single plant cells by capillary zone electrophoresis 809(1998)231
 Bazzanella, A., see Lochmann, H. 817(1998)337
 Bazzanella, A., see Tjørnelund, J. 811(1998)211
 Bång, J., see Torto, N. 806(1998)265
 Beaman, J.V., see Szűcs, R. 836(1999)53
 Bean, L., see Cheng, Y.-F. 828(1998)273
 Bean, S.R., Bieltz, J.A. and Lookhart, G.L.
 High-performance capillary electrophoresis of cereal proteins 814(1998)25
 Beaubat, C., see Vaccher, C. 824(1998)15
 Becker, G., Nilsson, U., Colmsjö, A. and Östman, C.
 Determination of polycyclic aromatic sulfur heterocyclic compounds in airborne particulate by gas chromatography with atomic emission and mass spectrometric detection 826(1998)57

- Becker, M., Degelmann, P., Herderich, M., Schreier, P. and Humpf, H.-U.
Column liquid chromatography-electrospray ionisation-tandem mass spectrometry for the analysis of ochratoxin 818(1998)260
- Beckers, J.L.
Transfer ratio in indirect UV detection in capillary zone electrophoresis. A mathematical approach 844(1999)321
- Beckers, J.L., Verheggen, Th.P.E.M., Triepels, H.J.P. and Everaerts, F.M.
Characterization of jeffamines by capillary isotachophoresis and zone electrophoresis 838(1999)149
- Bednář, P., Stránský, Z., Ševčík, J. and Dostál, V.
Precise measurement of mobility from the length of isotachophoretic zones 831(1999)277
- Bednář, P., Stránský, Z., Barták, P. and Adamovský, P.
Polyethylene glycol as a separation medium for capillary zone electrophoretic analysis of pyridine derivatives 838(1999)89
- Beecher, G.R., see Bronner, W.E. 805(1998)137
- Beens, J., Tijssen, R. and Blomberg, J.
Prediction of comprehensive two-dimensional gas chromatographic separations. A theoretical and practical exercise 822(1998)233
- Begerow, J., see Elke, K. 826(1998)191
- Behnke, B., Johansson, J., Zhang, S., Bayer, E. and Nilsson, S.
Deactivation of frits for use in capillary high-performance liquid chromatography and capillary electrochromatography with characterization by imaging with laser-induced fluorescence 818(1998)257
- Bektaş, N., see Prest, J.E. 836(1999)59
- Bektaş, N., Treves Brown, B.J. and Fielden, P.R.
Determination of gaseous sulphur dioxide by capillary isotachophoresis 836(1999)107
- Belchior, G.P., see Sun, B. 841(1999)115
- Belghazi, M., see Yang, Yu. 810(1998)149
- Belloli, R., Barletta, B., Bolzacchini, E., Meinardi, S., Orlandi, M. and Rindone, B.
Determination of toxic nitrophenols in the atmosphere by high-performance liquid chromatography 846(1999)277
- Belloli, R., see Chiesa, L.M. 847(1999)47
- Belmans, M., see Demillequand, M. 832(1999)259
- Beltran, J., see López, F.J. 823(1998)23
- Beltran, J., Lopez, F.J., Cepria, O. and Hernandez, F.
Solid-phase microextraction for quantitative analysis of organophosphorus pesticides in environmental water samples 808(1998)257
- Beltrán, J.L., Guiteras, J. and Ferrer, R.
Parallel factor analysis of partially resolved chromatographic data. Determination of polycyclic aromatic hydrocarbons in water samples 802(1998)263
- Beltrán, S., see Pérez-Magariño, S. 847(1999)75
- Beltrán, S., see Revilla, I. 847(1999)83
- Bencsik, K., Kremmer, T., Boldizsár, M., Tamás, J., Mák, M. and Páldi, E.
High-performance liquid chromatographic determination and standardization of agmatine 824(1998)175
- Benend, H., see Degenhardt, M. 817(1998)297
- Benfenati, E., see Grasso, P. 822(1998)91
- Benfenati, E., Pierucci, P., Fanelli, R., Preiss, A., Godejohann, M., Astratov, M., Levsen, K. and Barceló, D.
Comparative studies of the leachate of an industrial landfill by gas chromatography-mass spectrometry, liquid chromatography-nuclear magnetic resonance and liquid chromatography-mass spectrometry 831(1999)243
- Benito, I., Marina, M.L., Saz, J.M. and Diez-Masa, J.C.
Detection of bovine whey proteins by on-column derivatization capillary electrophoresis with laser-induced fluorescence monitoring 841(1999)105
- Benner, B.A., see Da Costa, C.T. 831(1999)167
- Benner, Jr., B.A., see Schantz, M.M. 816(1998)213
- Benoit, F.M., see Chen, M. 825(1998)37
- Benthin, B., Danz, H. and Hamburger, M.
Pressurized liquid extraction of medicinal plants 837(1999)211
- Berdíe, L. and Grimalt, J.O.
Assessment of the sample handling procedures in a labor-saving method for the analysis of organochlorine compounds in a large number of fish samples 823(1998)373
- Berenguer, V., see Marín, M.L. 819(1998)289
- Berezniiski, Y. and Jaroniec, M.
Characterization of silica-based octyl phases of different bonding density. Part I. Thermal stability studies 828(1998)51
- Berezniiski, Y., Jaroniec, M. and Gangoda, M.E.
Characterization of silica-based octyl phases of different bonding density. Part II. Studies of surface properties and chromatographic selectivity 828(1998)59
- Bergamaschi, E., see Andreoli, R. 847(1999)9
- Bergés, R., see Barbosa, J. 823(1998)411
- Berggren, K., see Svensson, M. 839(1999)71
- Bergström, E.T., see Pokrić, B. 833(1999)231
- Bergvall, P., see Ljunglöf, A. 844(1999)129
- Berméjo, J., Fernández, A.L., Prada, V., Granda, M. and Menéndez, R.
Monitoring the synthesis of new pitches from coal tar and its fractions by chromatography and related techniques 849(1999)507
- Bernabei, M., see Spila, E. 847(1999)331
- Bernal, J.L., see Cifuentes, A. 824(1998)99
- Bernal, J.L., del Nozal, M., Martín, M.T., Diez-Masa, J.C. and Cifuentes, A.
Quantitation of active ingredients and excipients in nasal sprays by high-performance liquid chromatography, capillary electrophoresis and UV spectroscopy 823(1998)423
- Bernal, J.L., see Jiménez, J.J. 823(1998)381
- Bernal, J.L., see Jiménez, J.J. 829(1998)269
- Bernal, J.L., see Toribio, L. 823(1998)163
- Bernardi, L.R., see Mangano, M.F. 848(1999)435
- Bernart, M.W., see He, X.-G. 815(1998)205
- Bernáth, G., see Péter, M. 816(1998)123
- Berry, A.J., see Morales, M.T. 819(1998)267
- Berset, J.D., Holzer, R. and Häni, H.
Solving coelution problems on a smectic-liquid crystalline polysiloxane capillary column for the determination of priority polycyclic aromatic hydrocarbons in environmental samples 823(1998)179

- Bert, L., see Robert, F. 817(1998)195
- Berthod, A., Talabardon, K., Caravieilhes, S. and De Bellefon, C.
Original use of the liquid nature of the stationary phase in counter-current chromatography. II. A liquid–liquid reactor for catalytic reactions 828(1998)523
- Bertocchi, A., see Vezzani, S. 803(1998)211
- Bertrand, A., see Kotseridis, Y. 841(1999)229
- Bertrand, A., see Kotseridis, Y. 848(1999)317
- Bertrand, O., Cochet, S. and Cartron, J.-P.
Expanded bed chromatography for one-step purification of mannose binding lectin from tulip bulbs using mannose immobilized on DEAE Streamline 822(1998)19
- Bertrand, O., see Tauc, P. 825(1998)17
- Bertsch, T., see Seeger, G. 809(1998)121
- Bérubé, P.R., Parkinson, P.D. and Hall, E.R.
Measurement of reduced sulphur compounds contained in aqueous matrices by direct injection into a gas chromatograph with a flame photometric detector 830(1999)485
- Betheder, D., see De Miguel, I. 840(1999)31
- Betto, P., see Manna, L. 846(1999)59
- Bhat, T.K., see Sharma, O.P. 822(1998)167
- Bhikhabhai, R., see Ljunglöf, A. 844(1999)129
- Bhoir, I.C., see Patel, Y.P. 828(1998)283
- Bhoir, I.C., see Patel, Y.P. 828(1998)287
- Bian, N., see Wang, Z. 806(1998)93
- Bicchi, C., D'Amato, A. and Rubiolo, P.
Cyclodextrin derivatives as chiral selectors for direct gas chromatographic separation of enantiomers in the essential oil, aroma and flavour fields (Review) 843(1999)99
- Bildlingmaier, B., Unger, K.K. and von Doehren, N.
Comparative study on the column performance of microparticulate 5-μm C₁₈-bonded and monolithic C₁₈-bonded reversed-phase columns in high-performance liquid chromatography 832(1999)11
- Bielejewska, A., Nowakowski, R., Duszczyk, K. and Sybilska, D.
Joint use of cyclodextrin additives in chiral discrimination by reversed-phase high-performance liquid chromatography: temperature effects 840(1999)159
- Bienert, M., see Krause, E. 849(1999)125
- Bietz, J.A., see Bean, S.R. 814(1998)25
- Bigi, F., see Peri, F. 802(1998)315
- Biondi, B., see Ruzza, P. 813(1998)277
- Biondi, P.A., see Chiesa, L.M. 847(1999)47
- Birarelli, M., see Carducci, C. 846(1999)93
- Biressi, G., see Juza, M. 813(1998)333
- Biscay, R., see Lopez-Canovas, L. 806(1998)187
- Bishop, A.G., see Draisci, R. 847(1999)213
- Bishop, A.G., see James, K.J. 844(1999)53
- Bjergegaard, C., Møller, P., Sørensen, H., Sørensen, J.C. and Sørensen, S.
Micellar electrokinetic capillary chromatography of thiocarbamoyl derivatives produced in reactions between isothiocyanates and amino acids 836(1999)115
- Bjergegaard, C., Pilegaard Hansen, L., Møller, P., Sørensen, H. and Sørensen, S.
Chiral separation of aromatic amino acids by capillary electrophoresis 836(1999)137
- Bjerrum, M.J., see Rasmussen, B.W. 836(1999)93
- Björklund, E., Böwdadt, S., Nilsson, T. and Mathiasson, L.
Pressurized fluid extraction of polychlorinated biphenyls in solid environmental samples 836(1999)285
- Björklund, E., see Eskilsson, C.S. 840(1999)59
- Blackwell, J.A., see Tang, L. 829(1998)301
- Blanch, G.P., Ruiz del Castillo, M.L. and Herraiz, M.
Evaluation of a transfer technique for direct coupling of reversed-phase liquid chromatography with gas chromatography 818(1998)77
- Blanchflower, W.J., see Kennedy, D.G. 812(1998)327
- Blanco, C.G., see Diez, M.A. 823(1998)527
- Blanco, C.G., see Díez, M.A. 830(1999)155
- Bland, J.M., see Hamada, J.S. 827(1998)319
- Blank, G.S., see Fahrner, R.L. 827(1998)37
- Blank, G.S., see Fahrner, R.L. 830(1999)127
- Blank, G.S., see Fahrner, R.L. 849(1999)191
- Blasberg, L., see Pörschmann, J. 816(1998)221
- Blaschke, G., see Frach, K. 808(1998)247
- Blaschke, G., see Krause, K. 837(1999)51
- Blatný, P. and Kvásníčka, F.
Application of capillary isotachophoresis and capillary zone electrophoresis to the determination of inorganic ions in food and feed samples 834(1999)419
- Blažek, J., see Šebor, G. 847(1999)323
- Blenkinsopp, S., see Wang, Z. 809(1998)89
- Blennow, A., Bay-Smidt, A.M., Olsen, C.E. and Møller, B.L.
Analysis of starch-bound glucose 3-phosphate and glucose 6-phosphate using controlled acid treatment combined with high-performance anion-exchange chromatography 829(1998)385
- Blinova, M.S., see Sergeev, G.M. 847(1999)345
- Blo, G., see Contado, C. 845(1999)303
- Blomberg, J., see Beens, J. 822(1998)233
- Blomberg, J. and Brinkman, U.A.Th.
Practical and theoretical aspects of designing a flame-ionization detector/mass spectrometer Deans' switch.
Pressure-flow relations in gas chromatograph-detector interfaces using vacuum-outlet conditions 831(1999)257
- Blomberg, J., de Groot, P.C., Brandt, H.C.A., van der Does, J.J.B. and Schoenmakers, P.J.
Development of an on-line coupling of liquid–liquid extraction, normal-phase liquid chromatography and high-resolution gas chromatography producing an analytical marker for the prediction of mutagenicity and carcinogenicity of bitumen and bitumen fumes 849(1999)483
- Blomhoff, R., see Molander, P. 847(1999)59
- Blomhoff, R., see Sakhi, A.K. 828(1998)451
- Bloquel, M., see Maris, C. 846(1999)331
- Blumberg, L.M., Wilson, W.H. and Klee, M.S.
Evaluation of column performance in constant pressure and constant flow capillary gas chromatography 842(1999)15
- Boatella, J.
Fatty acid, tocopherol and sterol content of some hazelnut varieties (*Corylus avellana* L.) harvested in Oregon (USA) 805(1998)259
- Boatella, J., see Parcerisa, J. 805(1998)259
- Boatella, J., see Rafecas, M. 822(1998)305

- Bocchi, M., see Peri, F. 802(1998)315
 Boček, P., see Křiváková, L. 838(1999)55
 Boček, P., see Procházková, A. 838(1999)213
 Bodor, R., see Kaniansky, D. 834(1999)133
 Bodor, R., see Masár, M. 834(1999)179
 Bogusz, M.J., Maier, R.-D., Krüger, K.D., Webb, K.S., Romeril, J. and Miller, M.L.
 Poor reproducibility of in-source collisional atmospheric pressure ionization mass spectra of toxicologically relevant drugs 844(1999)409
 Bölkens, H., see Hammes, W. 847(1999)187
 Bolden, M.E. and Danielson, N.D.
 Liquid chromatography of aromatic amines with photochemical derivatization and tris(bipyridine)ruthenium(III) chemiluminescence detection 828(1998)421
 Boldizsár, M., see Bencsik, K. 824(1998)175
 Bolliet, D., see Rosés, M. 829(1998)29
 Bolzacchini, E., see Belloli, R. 846(1999)277
 Bolzacchini, E., Consonni, V., Lucini, R., Orlandi, M. and Rindone, B.
 High-performance size-exclusion chromatographic behaviour of substituted benzoylpoly-L-lysines by principal component analysis and molecular dynamics simulation 813(1998)255
 Bom, I., van Wassenaar, D. and Boot, J.
 Hybrid affinity chromatography of α -galactosidase from *Verbascum thapsus* L. 808(1998)133
 Bompadre, S., Ferrante, L. and Leone, L.
 On-line solid-phase extraction of cephalosporins 812(1998)191
 Bompadre, S., Ferrante, L., De Martinis, M. and Leone, L.
 Determination of meropenem in serum by high-performance liquid chromatography with column switching 812(1998)249
 Bondarenko, PV, see Watkins, L.K. 840(1999)183
 Bongers, J., see Huang, M.M. 828(1998)303
 Bonn, G.K., see Eder, K. 810(1998)43
 Bonn, G.K., see Seeber, G. 809(1998)121
 Bonn, G.K., see Seeber, G. 848(1999)193
 Bonte, J.-P., see Vaccher, C. 824(1998)15
 Bony, S., see Jaussaud, P. 815(1998)147
 Boon, J.J., see van der Doelen, G.A. 809(1998)21
 Boone, C.M., Franke, J.-P., de Zeeuw, R.A. and Ensing, K.
 Evaluation of capillary electrophoretic techniques towards systematic toxicological analysis 838(1999)259
 Boot, J., see Bom, I. 808(1998)133
 Borén, H., see Laniewski, K. 826(1998)201
 Borg, H., see Tangen, A. 826(1998)87
 Borin, G., see Ruzza, P. 813(1998)277
 Boring, C.B., Dasgupta, P.K. and Sjögren, A.
 Compact, field-portable capillary ion chromatograph 804(1998)45
 Borner, K., Hartwig, H. and Lode, H.
 Determination of trovafloxacin in human body fluids by high-performance liquid chromatography 846(1999)175
 Börnsen, K.O., see Rissler, K. 822(1998)189
 Borréy, D., Meyer, E., Lambert, W. and De Leenheer, A.P.
 Comparison of quadrupole and (quadrupole) ion-trap mass spectrometers for the analysis of benzodiazepines 819(1998)125
 Borrós, S., Muñoz, E. and Folch, I.
 Study of some pyrolysis–gas chromatography indexes for the differentiation among oxidation states of polyaniline 837(1999)273
 Borrull, F., see Aguilar, C. 805(1998)127
 Borrull, F., see Aguilar, C. 844(1999)425
 Borrull, F., see Martínez, D. 808(1998)229
 Borrull, F., see Martínez, D. 827(1998)105
 Borrull, F., see Martínez, D. 835(1999)187
 Borrull, F., see Masqué, N. 803(1998)147
 Borrull, F., see Peñalver, A. 839(1999)253
 Borrull, F., see Pocurull, E. 818(1998)85
 Bosáková, Z., see Tesařová, E. 838(1999)121
 Bosch, E., Espinosa, S. and Rosés, M.
 Retention of ionizable compounds on high-performance liquid chromatography. III. Variation of pK values of acids and pH values of buffers in acetonitrile–water mobile phases 824(1998)137
 Bosch, E., see Rosés, M. 845(1999)217
 Bosmans, F., see Orwa, J.A. 829(1998)161
 Bossi, A. and Righetti, P.G.
 Separation of peptides in isoelectric cysteic acid buffer and hydro–organic solvents (hexafluoro-2-propanol–urea) 840(1999)117
 Bossle, P.C., see Rosso, T.E. 824(1998)125
 Bottani, S., Rebscher, H., Siebert, R. and Valentin, L.
 Post-capillary laser-induced fluorescence detection without sheath-flow 844(1999)433
 Bouchal, P., see Glatz, Z. 838(1999)139
 Boucher, R.J., see Williams, R.C. 844(1999)171
 Bouchereau, A., Duhamé, C., Martin-Tanguy, J., Guégan, J.-P. and Larher, F.
 Improved analytical methods for determination of nitrogenous stress metabolites occurring in *Limonium* species 836(1999)209
 Boudreau, N., see Coquet, A. 828(1998)247
 Boulanger, B., see Ceccato, A. 819(1998)143
 Boulis, Y., Richet, C., Haupt, K., Hennebicq, S., Soudan, B., Tetaert, D., Degand, P. and Vijayalakshmi, M.A.
 Improved capillary electrophoretic separation of glycosylated oligopeptides through addition of poly(vinyl alcohol), and analysis by electrospray mass spectrometry 805(1998)285
 Bouvette, P., see Luong, J.H.T. 849(1999)255
 Bouzige, M., Legeay, P., Pichon, V. and Hennion, M.-C.
 Selective on-line immunoextraction coupled to liquid chromatography for the trace determination of benzidine, congeners and related azo dyes in surface water and industrial effluents 846(1999)317
 Bouzige, M., Pichon, V. and Hennion, M.-C.
 On-line coupling of immunosorbent and liquid chromatographic analysis for the selective extraction and determination of polycyclic aromatic hydrocarbons in water samples at the ng l⁻¹ level 823(1998)197
 Bøwadt, S., see Björklund, E. 836(1999)285
 Bøwadt, S., see Schantz, M.M. 816(1998)213

- Bowerbank, C.R., Shen, Y., Smith, P.A., Drown, D.B. and Lee, M.L.
Packed capillary column solvating gas chromatography of aldehydes 818(1998)265
- Boyce, M.C.
Simultaneous determination of antioxidants, preservatives and sweeteners permitted as additives in food by mixed micellar electrokinetic chromatography 847(1999)369
- Brackman, J.C., see van der Wal, S. 825(1998)135
- Braga, F.C., Kreis, W. and de Oliveira, A.B.
Effect of *Digitalis lanata* matrix composition on the lanatoside C partition coefficient and its consequence on rotation locular counter-current chromatography efficiency 822(1998)37
- Brambilla, G., see Fiori, M. 807(1998)219
- Brancaleoni, E., Scovaventi, M., Frattoni, M., Mabilia, R. and Ciccioli, P.
Novel family of multi-layer cartridges filled with a new carbon adsorbent for the quantitative determination of volatile organic compounds in the atmosphere 845(1999)317
- Branch, S.K., see Thunhorst, M. 818(1998)239
- Brandt, H.C.A., see Blomberg, J. 849(1999)483
- Breadmore, M., see Havel, J. 850(1999)345
- Brede, C., Pedersen-Bjergaard, S., Lundanes, E. and Greibrokk, T.
Capillary gas chromatography coupled with microplasma mass spectrometry for organotin speciation 849(1999)553
- Breen, J.J., see Marting, T. 808(1998)237
- Brereton, P., see Crews, C. 847(1999)179
- Brereton, R.G., see McCalley, DV. 828(1998)407
- Bressolle, F., see Hamel, B. 812(1998)369
- Bril, G., see Hoffmann, R. 814(1998)111
- Brill, R.V., see Stover, F.S. 804(1998)37
- Bringmann, G., Rückert, M., Schlauer, J. and Herderich, M.
Acetogenic isoquinoline alkaloids. CXII. Separation and identification of dimeric naphthylisoquinoline alkaloids by liquid chromatography coupled to electrospray ionization mass spectrometry 810(1998)231
- Bringmann, G., Rückert, M., Messer, K., Schupp, O. and Louis, A.M.
Acetogenic isoquinoline alkaloids. CXXI. Use of on-line high-performance liquid chromatography-nuclear magnetic resonance spectrometry coupling in phytochemical screening studies: rapid identification of metabolites in *Dioncophyllum thollonii* 837(1999)267
- Bringmann, G., see Rückert, M. 840(1999)131
- Brinkman, U.A.Th., see Adahchour, M. 844(1999)295
- Brinkman, U.A.Th., see Blomberg, J. 831(1999)257
- Brinkman, U.A.Th., see Dalluge, J. 830(1999)377
- Brinkman, U.A.Th., see de Beer, T. 811(1998)35
- Brinkman, U.A.Th., see de Koning, J.A. 813(1998)55
- Brinkman, U.A.Th., see Gooijer, C. 824(1998)1
- Brinkman, U.A.Th., see Hankemeier, T. 811(1998)105
- Brinkman, U.A.Th., see Hankemeier, T. 811(1998)117
- Brinkman, U.A.Th., see Hankemeier, T. 841(1999)75
- Brinkman, U.A.Th., see Hogenboom, A.C. 841(1999)33
- Brinkman, U.A.Th., see Hooij schuur, E.W.J. 849(1999)433
- Brinkman, U.A.Th., see Kok, S.J. 806(1998)355
- Brinkman, U.A.Th., see Louter, A.J.H. 842(1999)391
- Brinkman, U.A.Th., see Sommen, G.W. 811(1998)1
- Brinkman, U.A.Th., see Verbruggen, E.M.J. 835(1999)19
- Brochon, J.C., see Tauc, P. 825(1998)17
- Brockson, R.W., see Williams, R.C. 844(1999)171
- Brolis, M., Gabetta, B., Fuzzati, N., Pace, R., Panzeri, F. and Peterlongo, F.
Identification by high-performance liquid chromatography-diode array detection-mass spectrometry and quantification by high-performance liquid chromatography-UV absorbance detection of active constituents of *Hypericum perforatum* 825(1998)9
- Bronner, W.E. and Beecher, G.R.
Method for determining the content of catechins in tea infusions by high-performance liquid chromatography 805(1998)137
- Brothers II, H.M., Piehler, L.T. and Tomalia, D.A.
Slab-gel and capillary electrophoretic characterization of polyamidoamine dendrimers 814(1998)233
- Brown, H., see Day, L. 836(1999)147
- Brown, P.R., see Geldart, S.E. 828(1998)317
- Brown, P.R., see Geldart, S.E. 831(1999)123
- Bryoles, B.S., see Koh, J.-H. 813(1998)223
- Bryoles, B.S., Shalliker, R.A., Cherrak, D.E. and Guiochon, G.
Visualization of viscous fingering in chromatographic columns 822(1998)173
- Bryoles, B.S., see Shalliker, R.A. 826(1998)1
- Bruce, I.J., see Levison, P.R. 816(1998)107
- Bruce, I.J., see Levison, P.R. 827(1998)337
- Bruchelt, G., see Renner, S. 838(1999)251
- Bruehlmann, S., see Meierhans, D.C. 802(1998)325
- Brüggemann, R., see Kaune, A. 805(1998)119
- Bruins, A.P., see van der Wal, S. 825(1998)135
- Brun, A., see Vial, J. 815(1998)173
- Brunner, F., see Mastrogiamoco, A.R. 810(1998)131
- Brunner, P., see Seeber, G. 848(1999)193
- Bruno, T.J., Lewandowska, A., Tsvetkov, F. and Hanley, H.J.M.
Determination of heats of adsorption of hydrocarbons on a synthetic clay by gas-solid chromatography using a wall coated open tubular column approach 844(1999)191
- Bruzzoniti, M.C., see Sarzanini, C. 804(1998)241
- Bruzzoniti, M.C., see Sarzanini, C. 847(1999)233
- Bruzzoniti, M.C., see Sarzanini, C. 850(1999)197
- Buchacher, A., Schulz, P., Choromanski, J., Schwinn, H. and Josic, D.
High-performance capillary electrophoresis for in-process control in the production of antithrombin III and human clotting factor IX 802(1998)355
- Buchberger, W. and Ahrer, W.
Combination of suppressed and non-suppressed ion chromatography with atmospheric pressure ionization mass spectrometry for the determination of anions 850(1999)99
- Buchberger, W., see Katzmayr, M.U. 850(1999)355
- Buchberger, W., see Klampf, C.W. 804(1998)349
- Buchberger, W., see Klampf, C.W. 804(1998)357
- Buchberger, W., see Niessner, G. 846(1999)341
- Buchberger, W., see Timerbaev, A.R. 834(1999)117
- Buchholz, H., see Riechel, P. 817(1998)187
- Buchmeiser, M.R., see Eder, K. 810(1998)43
- Buchmeiser, M.R., see Seeber, G. 809(1998)121
- Buchmeiser, M.R., see Seeber, G. 848(1999)193

- Büchsler, U., see Hammes, W. 847(1999)187
- Budde, W.L., see Song, X. 829(1998)327
- Budzinski, H., Letellier, M., Garrigues, P. and Le Menach, K. Optimisation of the microwave-assisted extraction in open cell of polycyclic aromatic hydrocarbons from soils and sediments. Study of moisture effect 837(1999)187
- Buist, S.C., Hsu, C.-Y.L. and Walters, R.R. Sensitive determination of a new antiarrhythmic agent, trecetilide, in plasma by high-performance liquid chromatography with fluorescence detection 828(1998)259
- Buist, S.C., see Walters, R.R. 828(1998)167
- Bult, A., see Vander Heyden, Y. 830(1999)3
- Bumgarner, J.G., see Khaledi, M.G. 802(1998)35
- Burbano, C., see Oboh, H.A. 823(1998)307
- Burhenne, J., see Schmitt-Kopplin, P. 837(1999)253
- Burk, R.C., see Aranda, R. 829(1998)401
- Burkow, I.C., see Kallenborn, R. 846(1999)295
- Burleson, A.D., see Wang, F.C.-Yu. 833(1999)111
- Burman, S., see Huang, M.M. 828(1998)303
- Burns, S.E., see Lang, M.J. 849(1999)381
- Burrini, D., see Bao, M.-I. 809(1998)75
- Burton, S.C. and Harding, D.R.K. Hydrophobic charge induction chromatography: salt independent protein adsorption and facile elution with aqueous buffers 814(1998)71
- Buskov, S., Møller, P., Sørensen, H., Sørensen, J.C. and Sørensen, S. Determination of vitamins in food based on supercritical fluid extraction prior to micellar electrokinetic capillary chromatographic analyses of individual vitamins 802(1998)233
- Busto, O., see Mestres, M. 808(1998)211
- Busto, O., see Mestres, M. 835(1999)137
- Busto, O., see Mestres, M. 849(1999)293
- Buszewski, B., see Claessens, H.A. 826(1998)135
- Buszewski, B., Jezierska, M., Welniak, M. and Kaliszan, R. Cholesteryl-silica stationary phase for liquid chromatography. Comparative study of retention behavior and selectivity 845(1999)433
- Buszewski, B., see Ligor, M. 847(1999)161
- Buxaderas, S., see López-Barajas, M. 823(1998)339
- Byers, C.H., see Gerberding, S.J. 808(1998)141
- Byrdwell, W.C., see Neff, W.E. 818(1998)169
- C**
- Cabanis, J.C., see Carando, S. 849(1999)617
- Cabral, J.M.S., see Diogo, M.M. 849(1999)413
- Cabrera, F., see Fernández-Boy, M.E. 823(1998)279
- Cabrera, F., see Fernández-Boy, M.E. 823(1998)285
- Cacho, J., see Ferreira, V. 824(1998)195
- Cacho, J.F., see Ferreira, V. 806(1998)349
- Cahours, X., Morin, P. and Dreux, M. Influence of ionic strength and organic modifier on performance in capillary electrochromatography on phenyl silica stationary phase 845(1999)203
- Cahours, X., Morin, Ph. and Dreux, M. Quantitative determination of inorganic minor cations in sodium-, calcium-, magnesium-matrix simulated samples by capillary electrophoresis 810(1998)209
- Cai, H. and Vigh, Gy. Capillary electrophoretic separation of enantiomers using the single isomer heptakis-(2,3-dimethyl-6-sulfato)- β -cyclodextrin as chiral resolving agent in methanol-water background electrolytes 827(1998)121
- Cai, H., see Wentworth, W.E. 842(1999)229
- Cai, Z. and Katsumura, Y. Simple procedure to eliminate concentrated sodium bicarbonate and carbonate with reusable strong cation-exchange cartridges for ion chromatographic analysis of formate and oxalate 829(1998)407
- Calderan, A., see Ruzza, P. 813(1998)277
- Calderón, Y., see Soto, L.M. 824(1998)45
- Caldwell, G.W., see Masucci, J.A. 810(1998)95
- Caldwell, K.D., see Luo, Q. 816(1998)97
- Caldwell, K.D., see Tong, X. 831(1999)51
- Calero, J.P., see Fernández-Boy, M.E. 823(1998)279
- Caliamanis, A., McCormick, M.J. and Carpenter, P.D. Enhancement of conductometric detection of weak acids in ion chromatography 850(1999)85
- Callahan, P.M., see Wang, H. 828(1998)121
- Callebaut, I., see Tauc, P. 825(1998)17
- Callery, P.S., see Schenck, F.J. 812(1998)99
- Callihan, B.K. and Ballantine, Jr, D.S. Characterization of olefinic gas chromatographic stationary phases by linear solvation energy relationships 836(1999)261
- Calull, M., see Martínez, D. 808(1998)229
- Calull, M., see Martínez, D. 827(1998)105
- Calull, M., see Martínez, D. 835(1999)187
- Calvet-Sarret, R., see Crews, C. 847(1999)179
- Camafeita, E., Solís, J., Alfonso, P., López, J.A., Sorell, L. and Méndez, E. Selective identification by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry of different types of gluten in foods made with cereal mixtures 823(1998)299
- Campa, C., see Cataldi, T.R.I. 848(1999)71
- Campanella, L., Crescentini, G. and Avino, P. Simultaneous determination of cysteine, cystine and 18 other amino acids in various matrices by high-performance liquid chromatography 833(1999)137
- Campbell, J.A., see Sharma, A.K. 805(1998)101
- Campolo, J., see Accianni, R. 828(1998)397
- Canalejas, P., see Cifuentes, A. 823(1998)561
- Canalejas, P., see Cifuentes, A. 830(1999)423
- Cancho, B., Ventura, F. and Galceran, M.^a.T. Solid-phase microextraction for the determination of iodinated trihalomethanes in drinking water 841(1999)197
- Cancino, M.E., see LePree, J.M. 829(1998)41
- Candela, M.-E., see Hegazi, M.M. 829(1998)153

- Canevari, S., see Dosio, F. 830(1999)329
 Canga, C.S., see Diez, M.A. 823(1998)527
 Canga, C.S., see Díez, M.A. 830(1999)155
 Cannavan, A., see Kennedy, D.G. 812(1998)77
 Cantwell, F.F., see Ells, B. 835(1999)3
 Cao, C.-X.
 Moving chemical reaction boundary and isoelectric focusing. I. Conditional equations for Svensson–Tisellius' differential equation of solute concentration distribution in idealized isoelectric focusing at steady state 813(1998)153
 Cao, C.-X.
 Moving chemical reaction boundary and isoelectric focusing. II. Existence of quasi/equal fluxes (or transference numbers) of hydrogen and hydroxyl ions in stationary electrolysis and Svensson's isoelectric focusing 813(1998)173
 Cao, J., see Cross, R.F. 806(1998)365
 Cao, J., see Cross, R.F. 809(1998)159
 Cao, J., see Cross, R.F. 818(1998)217
 Cao, J., see Cross, R.F. 849(1999)575
 Cao, Q.-E., see Zhao, Y. 849(1999)277
 Cao, X., Tian, Y., Zhang, T.Y. and Ito, Y.
 Separation and purification of 10-deacetylbaaccatin III by high-speed counter-current chromatography 813(1998)397
 Cao, X.-L., see Otson, R. 802(1998)307
 Capelle, A., see Derkzen, G.C.H. 816(1998)277
 Capodiferro, V., see Natalini, B. 847(1999)339
 Caponio, F., see Gomes, T. 844(1999)77
 Carando, S., Teissedre, P.L., Waffo-Téguo, P., Cabanis, J.C., Deffieux, G. and Méillon, J.M.
 High-performance liquid chromatography coupled with fluorescence detection for the determination of *trans*-astrin in wine 849(1999)617
 Caravieilhes, S., see Berthod, A. 828(1998)523
 Cardelluccio, N., Cavalli, S., Ragone, P. and Rivello, J.M.
 New strategies for determination of transition metals by complexation ion-exchange chromatography and post column reaction 847(1999)251
 Cárdenas, S., see Columé, A. 849(1999)235
 Cárdenas, S., see Crespiñ, M.A. 830(1999)165
 Cárdenas, S., Gallego, M. and Valcárcel, M.
 Gas chromatographic–mass spectrometric confirmation of selected benzophenones from benzodiazepines in human urine following automatic screening 823(1998)389
 Cardoso, C.A.L., Vilegas, W. and Honda, N.K.
 Qualitative determination of indole alkaloids, triterpenoids and steroids of *Tabernaemontana hiliariana* 808(1998)264
 Carducci, C., Birarelli, M., Nola, M. and Antonozzi, I.
 Automated high-performance liquid chromatographic method for the determination of homocysteine in plasma samples 846(1999)93
 Careri, M., Mori, G., Musci, M. and Viaroli, P.
 Evaluation of dynamic headspace and purge-and-trap techniques for the high-resolution gas chromatography analysis of nitrous oxide in seawater 848(1999)327
 Carey, M.P., see Kennedy, D.G. 812(1998)327
 Carle, G.C., see Akapo, S.O. 843(1999)147
 Carlens, G., see Van der Eycken, E. 811(1998)261
 Carlucci, G.
 Analysis of fluoroquinolones in biological fluids by high-performance liquid chromatography 812(1998)343
 Carnat, A., see Gîrzu, M. 805(1998)315
 Carnat, A.-P., see Gîrzu, M. 805(1998)315
 Carpenter, P.D., see Caliamanis, A. 850(1999)85
 Carpenter, P.D., see Jayasinghe, L.Y. 809(1998)109
 Carr, P.W., see Clausen, A.M. 831(1999)63
 Carr, P.W., see Wang, A. 848(1999)21
 Carr, S., see Chen, E.C.M. 811(1998)250
 Carr, S., see Chen, E.C.M. 827(1998)91
 Carr, S.A., see Erdjument-Bromage, H. 826(1998)167
 Carrera, G., Fernandez, P., Vilanova, R. and Grimalt, J.O.
 Analysis of trace polycyclic aromatic hydrocarbons and organochlorine compounds in atmospheric residues by solid-phase disk extraction 823(1998)189
 Carstensen, J.M., see Nielsen, N.-P.V. 805(1998)17
 Carter-Finch, A.S. and Smith, N.W.
 Enantiomeric separations by capillary electrochromatography using a macrocyclic antibiotic chiral stationary phase 848(1999)375
 Cartoni, G., Cocciali, F., Jasionowska, R. and Masci, M.
 Determination of cows' milk in goats' milk and cheese by capillary electrophoresis of the whey protein fractions 846(1999)135
 Cartron, J.-P., see Bertrand, O. 822(1998)19
 Cartron, J.-P., see Tauc, P. 825(1998)17
 Cartwright, C., see Ling, Y.-C. 835(1999)145
 Casado, A.G., Hernández, E.J.A., Espinosa, P. and Vílchez, J.L.
 Determination of total fatty acids (C_8 – C_{22}) in sludges by gas chromatography–mass spectrometry 826(1998)49
 Casal, M.D., see Diez, M.A. 823(1998)527
 Casazza, A., see Rovatti, L. 819(1998)133
 Casella, I.G., see Cataldi, T.R.I. 848(1999)71
 Casella, I.G., Gatta, M. and Desimoni, E.
 Applications of a copper-modified gold electrode for amperometric detection of polar aliphatic compounds by anion-exchange chromatography 814(1998)63
 Casella, I.G., Zambonin, C.G. and Prete, F.
 Liquid chromatography with electrocatalytic detection of oxalic acid by a palladium-based glassy carbon electrode 833(1999)75
 Caselli, R., see Salvini, R. 846(1999)283
 Casey, C.E., O'Sullivan, O.B., O'Gara, F. and Glennon, J.D.
 Ion chromatographic analysis of nutrients in seed exudate for microbial colonisation 804(1998)311
 Caslavská, J., Allemann, D. and Thormann, W.
 Analysis of urinary drugs of abuse by a multianalyte capillary electrophoretic immunoassay 838(1999)197
 Caslavská, J., see Zaugg, S. 838(1999)237
 Cassada, D.A., Monson, S.J., Snow, D.D. and Spalding, R.F.
 Sensitive determination of RDX, nitroso-RDX metabolites, and other munitions in ground water by solid-phase extraction and isotope dilution liquid chromatography–atmospheric pressure electro-spray ionization mass spectrometry 844(1999)87
 Cassidy, R., see Zhou, J. 839(1999)193
 Cassidy, R.M., see Wen, J. 811(1998)181
 Castellar, M.R., see Lozano, P. 830(1999)477

- Castello, G.
Retention index systems: alternatives to the *n*-alkanes as calibration standards (Review) 842(1999)51
- Castello, G., see Vezzani, S. 803(1998)211
- Castello, G., see Vezzani, S. 811(1998)85
- Castello, G., Vezzani, S. and Gardella, L.
Influence of temperature on the polarity of porous polymer beads stationary phases for gas chromatography 837(1999)153
- Castello, G., see Vezzani, S. 848(1999)229
- Castellote Bargalló, A.I., see Morera Pons, S. 823(1998)467
- Castellote Bargalló, A.I., see Morera Pons, S. 823(1998)475
- Castells, C.B. and Castells, R.C.
Peak distortion in reversed-phase liquid chromatography as a consequence of viscosity differences between sample solvent and mobile phase 805(1998)55
- Castells, R.C., see Castells, C.B. 805(1998)55
- Castells, R.C., Romero, L.M. and Nardillo, A.M.
Alkanol gas-liquid partition coefficients in squalane measured with packed columns. A revision of measurement methods 848(1999)203
- Castro Cano, M.L., see Egea González, F.J. 829(1998)251
- Castro, M., see Rupérez, F.J. 823(1998)483
- Castro, M., see Rupérez, F.J. 839(1999)93
- Castro, R., Moyano, E. and Galceran, M.T.
Ion-pair liquid chromatography-atmospheric pressure ionization mass spectrometry for the determination of quaternary ammonium herbicides 830(1999)145
- Cataldi, T.R.I., Campa, C. and Casella, I.G.
Study of sugar acids separation by high-performance anion-exchange chromatography-pulsed amperometric detection using alkaline eluents spiked with Ba²⁺, Sr²⁺, or Ca²⁺ as acetate or nitrate salts 848(1999)71
- Catellani, G., see Draisici, R. 814(1998)187
- Cau-Dit-Coumes, C., see Hennion, M.-C. 823(1998)147
- Caussé, E., Terrier, R., Champagne, S., Nertz, M., Valdiguié, P., Salvayre, R. and Couderc, F.
Quantitation of homocysteine in human plasma by capillary electrophoresis and laser-induced fluorescence detection 817(1998)181
- Cavaleri, M., Pollini, W. and Colombo, L.
Determination of ramoplanin in human urine by high-performance liquid chromatography with automated column switching 846(1999)185
- Cavalli, S., see Cardelliechio, N. 847(1999)251
- Cavalli, S., see Colombini, S. 847(1999)279
- Cavrini, V., see Andrisano, V. 803(1998)189
- Cavrini, V., see Gotti, R. 814(1998)205
- Cavrini, V., see Gotti, R. 844(1999)361
- Cavrini, V., see Gotti, R. 845(1999)247
- Cavrini, V., see Makamba, H. 818(1998)43
- Ceccarini, A., see Fuoco, R. 846(1999)387
- Ceccato, A., Boulanger, B., Chiap, P., Hubert, Ph. and Crommen, J.
Simultaneous determination of methylphenobarbital enantiomers and phenobarbital in human plasma by on-line coupling of an achiral precolumn to a chiral liquid chromatographic column 819(1998)143
- Ceccato, A., see Strel, B. 819(1998)113
- Ceccato, A., see Toussaint, B. 819(1998)161
- Cecinato, A., Marino, F., Di Filippo, P., Lepore, L. and Possanzini, M.
Distribution of *n*-alkanes, polynuclear aromatic hydrocarbons and nitrated polynuclear aromatic hydrocarbons between the fine and coarse fractions of inhalable atmospheric particulates 846(1999)255
- Cecinato, A., see Yassaa, N. 846(1999)287
- Cela, R., see Morales, S. 846(1999)401
- Cepeda, A., see Franco, C.M. 815(1998)21
- Cepria, O., see Beltran, J. 808(1998)257
- Céresiat, M., see Demillequand, M. 832(1999)259
- Ceriotti, L., see Chiari, M. 836(1999)81
- Cerne, K., see Correa, R.A. 848(1999)83
- Cerone, R., see Minniti, G. 828(1998)401
- Cert, A. and Moreda, W.
New method of stationary phase preparation for silver ion column chromatography. Application to the isolation of steroidal hydrocarbons in vegetable oils 823(1998)291
- Cesare, V., see Stephani, R. 813(1998)79
- Česková, P., see Glatz, Z. 838(1999)139
- Cetta, G., see Viglio, S. 846(1999)125
- Ceugniet, C., Lepetit, L., Lauth De Viguierie, N., Jammes, H., Peyrot, N. and Rivière, M.
Single-run analysis of retinal isomers, retinol and photooxidation products by high-performance liquid chromatography 810(1998)237
- Chaimbault, P., see Elfakir, C. 829(1998)193
- Chaimbault, P., see Mercier, J.-P. 825(1998)71
- Chaimbault, P., see Petritis, K.N. 833(1999)147
- Chaler, R., Vilanova, R., Santiago-Silva, M., Fernandez, P. and Grimalt, J.O.
Enhanced sensitivity in the analysis of trace organochlorine compounds by negative-ion mass spectrometry with ammonia as reagent gas 823(1998)73
- Champagne, S., see Caussé, E. 817(1998)181
- Chan, K.W., see Lim, H.K. 831(1999)227
- Changegríha, N., Baaliouamer, A. and Rolando, C.
Polarity changes during capillary gas chromatographic and gas chromatographic-mass spectrometric analysis using serially coupled columns of different natures and temperature programming. Application to the identification of constituents of essential oils 819(1998)61
- Chang, C. and Lenhoff, A.M.
Comparison of protein adsorption isotherms and uptake rates in preparative cation-exchange materials 827(1998)281
- Chang, C.-J., see Wang, J.-L. 844(1999)259
- Chang, H.-T., see Hsieh, M.-M. 817(1998)129
- Chang, W.-D., see Wang, J.-L. 844(1999)259
- Chang, Y.-S., see Ku, Y.-R. 848(1999)537
- Chang-Chien, G.-P.
Terminally carboxyl oligo(ethylene oxide) monomethyl ethers-substituted side chain liquid crystalline polysiloxane polymer as stationary phase in capillary gas chromatography for the separation of polynuclear aromatic hydrocarbons 808(1998)201
- Chankvetadze, B., see Krause, K. 837(1999)51
- Charles, L. and Pépin, D.
Analysis of oxyhalides in water by ion chromatography-ionspray mass spectrometry 804(1998)105

- Charrel, H., see Finkler, C. 822(1998)101
- Chase, H.A., see Nash, D.C. 807(1998)185
- Chashchikhin, D.V., see Dzyabchenko, A.A. 827(1998)13
- Chassaigne, H. and Łobisński, R.
Characterization of metallothionein isoforms by reversed-phase high-performance liquid chromatography with on-line post-column acidification and electrospray mass spectrometric detection 829(1998)127
- Chayama, K., see Fukushi, K. 834(1999)349
- Che, F.-Y., Song, J.-F., Shao, X.-X., Wang, K.-Y. and Xia, Q.-C.
Comparative study on the distribution of ovalbumin glycoforms by capillary electrophoresis 849(1999)599
- Cheicante, R.L., see Stoff, J.R. 849(1999)529
- Chen, A., see Verleyen, K. 824(1998)91
- Chen, D.A., see Lei, J. 808(1998)121
- Chen, E.C.M., Carr, S., Wentworth, W.E. and Chen, E.S.D.
Modified kinetic model of the electron-capture detector. Molecular electron affinities and electron collection modes 827(1998)91
- Chen, E.C.M., George, R., Carr, S., Wentworth, W.E. and Chen, E.S.D.
Determination of multiple electron affinities of carbon disulfide using electron-capture detection 811(1998)250
- Chen, E.S.D., see Chen, E.C.M. 811(1998)250
- Chen, G.-C. and Rohwer, E.R.
Dynamic modification of the stationary phase in capillary gas chromatography. II. Continuous introduction of water vapour 845(1999)43
- Chen, H., see Ruaan, R.-C. 824(1998)35
- Chen, J., see Lin, L. 815(1998)3
- Chen, J., see Zhang, L. 816(1998)131
- Chen, J.-W., Liu, B.-L. and Tzeng, Y.-M.
Purification and quantification of destruxins A and B from *Metarhizium anisopliae* 830(1999)115
- Chen, K., Locke, D.C., Maldacker, T., Lin, J.-L., Aawasiripong, S. and Schurrath, U.
Separation of ergot alkaloids by micellar electrokinetic capillary chromatography using cationic Gemini surfactants 822(1998)281
- Chen, K.-C., see Chen, S.-H. 849(1999)357
- Chen, L., see Zhang, L.-F. 840(1999)225
- Chen, M., Moir, D., Benoit, F.M. and Kubwabo, C.
Purification and identification of several sulphonated azo dyes using reversed-phase preparative high-performance liquid chromatography 825(1998)37
- Chen, P., Xing, Z., Liu, M., Liao, Z. and Huang, D.
Isolation of nine porphyrin biomarkers by reversed-phase high-performance liquid chromatography with coupled columns 839(1999)239
- Chen, Q.-C., Mou, S.-F., Hou, X.-P., Riviello, J.M. and Ni, Z.-M.
Determination of eight synthetic food colorants in drinks by high-performance ion chromatography 827(1998)73
- Chen, S.-H., Chen, K.-C. and Lien, H.-M.
Determination of fatty acids in vegetable oil by reversed-phase liquid chromatography with fluorescence detection 849(1999)357
- Chen, S.-H., see Wu, H.-L. 802(1998)107
- Chen, S.-H., see Wu, S.-M. 846(1999)239
- Chen, S.-T., see Jeyashoke, N. 818(1998)133
- Chen, S.-W., see Wang, J.-L. 844(1999)259
- Chen, S.Y., see Fuh, C.B. 813(1998)313
- Chen, T.K., Phillips, J.G. and Durr, W.
Analysis of residual solvents by fast gas chromatography 811(1998)145
- Chen, W.-H., see Liu, C.-Y. 815(1998)251
- Chen, W.-H. and Liu, C.-Y.
Macrocyclic polyamine as a selective modifier in a bonded-phase capillary column for the electrophoretic separation of aromatic acids 848(1999)401
- Chen, W.-Y., see Ruaan, R.-C. 824(1998)35
- Chen, Y.-C. and Lin, C.-E.
Migration behavior and separation of tetracycline antibiotics by micellar electrokinetic chromatography 802(1998)95
- Chen, Y.-C., see Lin, C.-E. 835(1999)197
- Chen, Y.-C., see Lin, S.-C. 825(1998)149
- Chen, Y.-C., Shiea, J. and Sunner, J.
Thin-layer chromatography-mass spectrometry using activated carbon, surface-assisted laser desorption/ionization 826(1998)77
- Chen, Y.-R., see Tsai, C.-Y. 813(1998)379
- Chen, Y.-T., see Lin, C.-E. 837(1999)241
- Chen, Y.-Y., see Zhang, L.-F. 840(1999)225
- Chen, Z., Lin, J.-M., Uchiyama, K. and Hobo, T.
Simultaneous separation of *o*-, *m*-, *p*-fluoro-DL-phenylalanine and *o*-, *m*-, *p*-DL-tyrosine by ligand-exchange micellar electrokinetic capillary chromatography 813(1998)369
- Chen, Z.L., Glod, B.K. and Adams, M.A.
Indirect photometric detection of aliphatic acids separated by ion-exclusion chromatography using aromatic acidic eluents 818(1998)61
- Cheng, C.F. and Tsang, C.W.
Separation of *N*-nitrosoamino acids by C₁₈ reversed-phase ion-pair high-performance liquid chromatography and compatible detection by electrospray ionization mass spectrometry 849(1999)389
- Cheng, J., see Zhang, Y. 813(1998)361
- Cheng, J.-K., see Liu, B.-F. 834(1999)277
- Cheng, J.-K., see Liu, B.-F. 848(1999)473
- Cheng, Y.-F., Neue, U.D. and Bean, L.
Straightforward solid-phase extraction method for the determination of verapamil and its metabolite in plasma in a 96-well extraction plate 828(1998)273
- Chen, E.S.D., see Chen, E.C.M. 827(1998)91
- Cheong, W.J., see Lee, C.S. 848(1999)9
- Cherkaoui, S., see Mateus, L. 829(1998)317
- Cherrak, D., see Guiochon, G. 835(1999)41
- Cherrak, D.E., see Broyles, B.S. 822(1998)173
- Chester, T.L. and Pinkston, J.D.
Pressure-regulating fluid interface and phase behavior considerations in the coupling of packed-column supercritical fluid chromatography with low-pressure detectors 807(1998)265
- Chevrolot, L., see Foucault, A.P. 808(1998)3
- Chew, C., see Wang, J.-L. 844(1999)259

- Chiang, L.W.
Detection of gene expression in single neurons by patch-clamp and single-cell reverse transcriptase polymerase chain reaction 806(1998)209
- Chiap, P., see Ceccato, A. 819(1998)143
Chiap, P., see Vander Heyden, Y. 830(1999)3
Chiari, M.
Enhancement of selectivity in capillary electrophoretic separations of metals and ligands through complex formation 805(1998)1
Chiari, M., Ceriotti, L., Crini, G. and Morcellet, M.
Poly(vinylamine)-coated capillaries with reversed electroosmotic flow for the separation of organic anions 836(1999)81
Chiari, M., Damin, F. and Reijenga, J.C.
Characterization of poly(dimethylacrylamide) and the combination of poly(vinyl alcohol) and cetyltrimethylammonium bromide as dynamic electroosmotic flow suppression agents in capillary electrophoresis 817(1998)15
Chiari, M., see Reijenga, J.C. 838(1999)111
Chiavarro, E., see Galaverna, G. 829(1998)101
Chiesa, L.M., Radice, L., Belloli, R., Renon, P. and Biondi, P.A.
Gas chromatographic determination of galactose in milk.
Example of a switching valve used for the protection of the capillary column 847(1999)47
Chikara, H., see Tanaka, K. 850(1999)187
Childs, B., see Williams, R.L. 814(1998)199
Chilton, B.S., see Doris, P.A. 806(1998)47
Chimirri, A., see Rizzo, M. 846(1999)165
Chiron, S., Rodriguez, A. and Fernandez-Alba, A.
Application of gas and liquid chromatography-mass spectrometry to the evaluation of pirimiphos methyl degradation products in industrial water under ozone treatment 823(1998)97
Chiu, T.-C., see Lin, C.-E. 835(1999)197
Chmelík, J.
Different elution modes and field programming in gravitational field-flow fractionation. I. A theoretical approach 845(1999)285
Chmielewska, A., see Zarzycki, P.K. 839(1999)149
Cho, B.-Y., see Strong, R.A. 824(1998)25
Cho, D.-H., see Kim, Y.-O. 850(1999)369
Cho, S., see Pesek, J.J. 845(1999)237
Choi, S.J., see Lee, H.S. 848(1999)179
Choi, Y.H., see Howe, J.A. 841(1999)155
Choromanski, J., see Buchacher, A. 802(1998)355
Choudhary, G., Horváth, Cs. and Banks, J.F.
Capillary electrochromatography of biomolecules with online electrospray ionization and time-of-flight mass spectrometry 828(1998)469
Chougule, V.D., see Desai, A.S. 841(1999)55
Chrambach, A., see Radko, S.P. 817(1998)253
Chrambach, A., see Radko, S.P. 848(1999)443
Christen, P., see Mateus, L. 829(1998)317
Christiansen, J., see Jørgensen, T.K. 817(1998)205
Chuang, W.-C., see Wu, H.-K. 803(1998)179
Chung, H.-J., see Kim, Y.-O. 850(1999)369
Chung, S.-T., see Kim, Y.-O. 850(1999)369
Cicciarelli, R., see Mardones, C. 849(1999)609
Ciccioli, P., see Brancaleoni, E. 845(1999)317
Ciesielski, W., see Kotyński, A. 813(1998)135
Ciesielski, W., see Kotyński, A. 831(1999)321
Cifuentes, A., see Bernal, J.L. 823(1998)423
Cifuentes, A., Bernal, J.L. and Diez-Masa, J.C.
Use of detergents and high contents of organic solvents for simultaneous quantitation of ionic and nonionic drugs by electrokinetic chromatography 824(1998)99
Cifuentes, A., Canalejas, P., Ortega, A. and Díez-Masa, J.C.
Treatments of fused-silica capillaries and their influence on the electrophoretic characteristics of these columns before and after coating 823(1998)561
Cifuentes, A., Canalejas, P. and Diez-Masa, J.C.
Preparation of linear polyacrylamide-coated capillaries.
Study of the polymerization process and its effect on capillary electrophoresis performance 830(1999)423
Cifuentes, A., Moreno-Arribas, M.V., de Frutos, M. and Díez-Masa, J.C.
Capillary isoelectric focusing of erythropoietin glycoforms and its comparison with flat-bed isoelectric focusing and capillary zone electrophoresis 830(1999)453
Cikalo, M.G., Bartle, K.D. and Myers, P.
Attempt to define the role of the length of the packed section in capillary electrochromatography 836(1999)25
Cikalo, M.G., Bartle, K.D. and Myers, P.
Influence of the electrical double-layer on electroosmotic flow in capillary electrochromatography 836(1999)35
Cirilli, R. and La Torre, F.
Stereoselective analysis of benazepril and its stereoisomers by reversed-phase high-performance liquid chromatography on a chiral AGP column 818(1998)53
Cirning, Y. and Lindsey, J.S.
Analysis of sugar phosphates and related compounds using capillary zone electrophoresis with indirect UV detection 816(1998)251
Claeson, K., see Olsson, J. 824(1998)231
Claessens, H.A., van Straten, M.A., Cramers, C.A., Jezierska, M. and Buszewski, B.
Comparative study of test methods for reversed-phase columns for high-performance liquid chromatography 826(1998)135
Clark, B.J., see Assi, K.H. 817(1998)83
Clarke, S.A., see Coutant, D.E. 824(1998)147
Clausen, A.M., Subramanian, A. and Carr, P.W.
Purification of monoclonal antibodies from cell culture supernatants using a modified zirconia based cation-exchange support 831(1999)63
Clausen, P.A., Wilkins, K. and Wolkoff, P.
Gas chromatographic analysis of free fatty acids and fatty acid salts extracted with neutral and acidified dichloromethane from office floor dust 814(1998)161
Clauss, S.A., see Sharma, A.K. 805(1998)101
Clinkenbeard, K.D., see El Rassi, Z. 808(1998)167
Clinkenbeard, P.A., see El Rassi, Z. 808(1998)167
Clos, H.N. and Engelhardt, H.
Separations of anionic and cationic synthetic polyelectrolytes by capillary gel electrophoresis 802(1998)149
Clow, M., see Paull, B. 804(1998)95

- Coble, P.G. and Timperman, A.T.
Fluorescence detection of proteins and amino acids in capillary electrophoresis using a post-column sheath flow reactor 829(1998)309
- Cobo, M. and Silva, M.
Continuous solid-phase extraction and dansylation of low-molecular-mass amines coupled on-line with liquid chromatography and peroxyoxalate chemiluminescence-based detection 848(1999)105
- Cocciali, F., see Cartoni, G. 846(1999)135
- Cochet, S., see Bertrand, O. 822(1998)19
- Cochet, S., see Tauc, P. 825(1998)17
- Cochran, J.W. and Frame, G.M.
Recent developments in the high-resolution gas chromatography of polychlorinated biphenyls (Review) 843(1999)323
- Cockrill, S.L., see Watkins, L.K. 840(1999)183
- Codony, R., see Parcerisa, J. 805(1998)259
- Codony, R., see Rafecas, M. 822(1998)305
- Cohen, S.A., see Liu, H. 828(1998)383
- Coïc, J.P., see Morin, P. 837(1999)281
- Coiffard, C., see Vanquerp, V. 832(1999)273
- Coiffard, L.J.M., see Vanquerp, V. 832(1999)273
- Cole, D.L., see Deshmukh, R.R. 806(1998)77
- Coleman, D.E., see Vanatta, L.E. 804(1998)123
- Coleman, D.E., see Vanatta, L.E. 804(1998)161
- Coleman, D.E. and Vanatta, L.E.
Lack-of-fit testing of ion chromatographic calibration curves with inexact replicates 850(1999)43
- Coleman, D.E., see Vanatta, L.E. 850(1999)107
- Colina, M. and Gardiner, P.H.E.
Simultaneous determination of total nitrogen, phosphorus and sulphur by means of microwave digestion and ion chromatography 847(1999)285
- Collins, C.H. and Morgan, M.A.
Quantitative determination of several simple perhalogenated compounds by high-performance liquid chromatography 846(1999)395
- Collins, C.H., see Silva, R.B. 845(1999)417
- Collins, K.E., see Jardim, I.C.S.F. 849(1999)299
- Colmsjö, A., see Becker, G. 826(1998)57
- Colom, A., see Martínez, D. 808(1998)229
- Colombini, M.P., Modugno, F. and Giacomelli, A.
Two procedures for suppressing interference from inorganic pigments in the analysis by gas chromatography-mass spectrometry of proteinaceous binders in paintings 846(1999)101
- Colombini, M.P., Modugno, F., Giacomelli, M. and Francesconi, S.
Characterisation of proteinaceous binders and drying oils in wall painting samples by gas chromatography-mass spectrometry 846(1999)113
- Colombini, S., Polesello, S. and Valsecchi, S.
Use of column-switching ion chromatography for the simultaneous determination of total nitrogen and phosphorus after microwave assisted persulphate digestion 822(1998)162
- Colombini, S., Polesello, S., Valsecchi, S. and Cavalli, S.
Matrix effects in the determination of bromate in drinking water by ion chromatography 847(1999)279
- Colombo, L., see Cavaleri, M. 846(1999)185
- Colón, M., see McClenney, W.A. 813(1998)101
- Columé, A., Cárdenas, S., Gallego, M. and Valcárcel, M.
Semiautomatic method for the screening and determination of 23 organochlorine pesticides in horticultural samples by gas chromatography with electron-capture detection 849(1999)235
- Comes, P., Gonzalez-Flesca, N. and Grimalt, J.O.
Langmuirian parameters for Tenax GC adsorption of airborne hydrocarbons and oxygenated compounds 816(1998)195
- Comes, P., Gonzalez-Flesca, N. and Grimalt, J.O.
Langmuirian parameters for Tenax GC adsorption of airborne organohalogen compounds 823(1998)171
- Comi, G., see Procida, G. 830(1999)175
- Cominoli, A., see Edder, P. 830(1999)345
- Compañó, R., see Graupera, E. 846(1999)413
- Compañó, R., see Leal, C. 809(1998)39
- Compton, P., see Ramadan, Z. 804(1998)29
- Concetta, M., see Perrino, C. 846(1999)269
- Conder, J.R., Gillies, R.J.M., Oweimreen, G.A. and Shihab, A.-K.I.
Wetting transition in alkane liquids on silanised diatomaceous gas chromatographic supports 829(1998)201
- Consonni, V., see Bolzacchini, E. 813(1998)255
- Contado, C., Riello, F., Blo, G. and Dondi, F.
Continuous split flow-thin cell fractionation of starch particles 845(1999)303
- Conte, E.D., see Zhu, M. 833(1999)223
- Conte, L.S., see Procida, G. 830(1999)175
- Contreras, M., see Fernandez-Alba, A.R. 823(1998)35
- Cooney, C., see Prazeres, D.M.F. 806(1998)31
- Cooper, A.D., Stubbings, G.W.F., Kelly, M., Tarbin, J.A., Farrington, W.H.H. and Shearer, G.
Improved method for the on-line metal chelate affinity chromatography-high-performance liquid chromatographic determination of tetracycline antibiotics in animal products 812(1998)321
- Cooper, K.R. and Kelly, R.G.
Using capillary electrophoresis to study the chemical conditions within cracks in aluminum alloys 850(1999)381
- Coquet, A., Boudreau, N., Merand, Y. and Labrie, F.
Validated high-performance liquid chromatographic methods for quantitation of a novel nonsteroidal antiestrogen 828(1998)247
- Corradini, R., see Galaverna, G. 829(1998)101
- Corradini, R., see Peri, F. 802(1998)315
- Correa, R.A., Ferraz, V., Medvedovici, A., Sandra, P., Cerne, K. and David, F.
Positional and configurational separation of fatty acid isomers by micro reversed-phase liquid chromatography with an Ag⁺-containing mobile phase 848(1999)83
- Corsetti, J., see Mouly, P.P. 844(1999)149
- Cortés, E., see Armisén, P. 848(1999)61
- Corvi, C., see Edder, P. 830(1999)345
- Coscia, D., see Sternberg, R. 846(1999)307
- Costa Melo, L.F. and Jardim, I.C.S.F.
Development of C₈ stationary phases immobilized by γ radiation on zirconized silica for high-performance liquid chromatographic applications 845(1999)423

- Costa, P., see Hamel, B. 812(1998)369
- Costantino, G., see Natalini, B. 847(1999)339
- Couderc, F., see Caussé, E. 817(1998)181
- Coufal, P., see Pacáková, V. 834(1999)257
- Coufal, P., see Samcová, E. 847(1999)135
- Courtois, B., see Pirlet, A.-S. 826(1998)157
- Courtois, B., see Pirlet, A.-S. 841(1999)1
- Courtois, J., see Pirlet, A.-S. 826(1998)157
- Courtois, J., see Pirlet, A.-S. 841(1999)1
- Coutant, D.E., Clarke, S.A., Francis, A.H. and Meyerhoff, M.E. Selective separation of fullerenes on hydroxyphenyl-triphenylporphyrin-silica stationary phases 824(1998)147
- Cowen, S., see Eijkel, J.C.T. 815(1998)265
- Cramer, S., see Vunnum, S. 818(1998)31
- Cramer, S.M., see Sane, S.U. 849(1999)149
- Cramer, S.M., see Shukla, A.A. 814(1998)83
- Cramer, S.M., see Shukla, A.A. 827(1998)295
- Cramers, C.A., see Baltussen, E. 802(1998)285
- Cramers, C.A., see Baltussen, E. 805(1998)237
- Cramers, C.A., see Claessens, H.A. 826(1998)135
- Cramers, C.A. and Leclercq, P.A. Strategies for speed optimisation in gas chromatography: an overview (Review) 842(1999)3
- Craston, D.H., see Eijkel, J.C.T. 815(1998)265
- Craston, D.H. and Saeed, M. Analysis of carboxylic and related acids in the environment by capillary electrophoretic techniques 827(1998)1
- Craston, D.H., see Saeed, M. 836(1999)15
- Crescentini, G., see Campanella, L. 833(1999)137
- Crespín, M.A., Cárdenas, S., Gallego, M. and Valcárcel, M. Discrimination of structural isomers of chlorinated phenols in waters using gas chromatography-mass spectrometry in the negative chemical ionization mode 830(1999)165
- Crespo, C., see Ferreira, V. 824(1998)195
- Crews, C., Calvet-Sarret, R. and Brereton, P. Identification of steroidal hydrocarbons in refined confectionery fats by gas chromatography-mass spectrometry 847(1999)179
- Crini, G., see Chiari, M. 836(1999)81
- Crommen, J., see Ceccato, A. 819(1998)143
- Crommen, J., see Fillet, M. 817(1998)113
- Crommen, J., see Toussaint, B. 819(1998)161
- Crommen, J., see Vander Heyden, Y. 830(1999)3
- Cross, R.F. and Cao, J. Erratum to "Salt effects in capillary electrophoresis. I. Dependence of electrophoretic mobilities upon the hydrodynamic radius". [J. Chromatogr. A, 786 (1997) 171-180] 806(1998)365
- Cross, R.F. and Cao, J. Salt effects in capillary zone electrophoresis. II. Mechanisms of electrophoretic mobility modification due to Joule heating at high buffer concentrations 809(1998)159
- Cross, R.F. and Cao, J. Salt effects in capillary zone electrophoresis. III. Systematic and selective factors in the high ionic strength separation of sulphonamides in sodium phosphate buffers 818(1998)217
- Cross, R.F. and Cao, J. Salt effects in capillary zone electrophoresis. IV. Resolution versus time and the effect of potassium phosphate and its concentration in the high ionic strength separation of sulphonamides 849(1999)575
- Crosser, O.K., see Liapis, A.I. 828(1998)345
- Cruces, C., see Arce, L. 816(1998)243
- Cruickshank, K.A., Olvera, J. and Muller, U.R. Simultaneous multiple analyte detection using fluorescent peptides and capillary isoelectric focusing 817(1998)41
- Cserháti, T., see Forgács, E. 845(1999)447
- Csomós, P., see Péter, M. 816(1998)123
- Cuadrado, C., see Oboh, H.A. 823(1998)307
- Cuenga-Benito, M., Sagrado, S., Villanueva-Camañas, R.M. and Medina-Hernández, M.J. Quantitative retention-structure and retention-activity relationships of barbiturates by micellar liquid chromatography 814(1998)121
- Culbertson, J.A., see Engen, M.A. 848(1999)261
- Cursano, C.F., see Accinni, R. 828(1998)397
- Cutlip, R.C., see Schmerr, M.J. 802(1998)135
- Czesla, H., see Wistuba, D. 815(1998)183
- D**
- Da Costa, C.T., Margolis, S.A., Benner, Jr., B.A. and Horton, D. Comparison of methods for extraction of flavanones and xanthones from the root bark of the osage orange tree using liquid chromatography 831(1999)167
- Dadoo, R., see Zhao, H. 813(1998)205
- D'Agostino, P.A., Hancock, J.R. and Provost, L.R. Analysis of *O*-ethyl *S*-[2-(diisopropylamino)ethyl] methylphosphonothiolate (VX) and its degradation products by packed capillary liquid chromatography-electrospray mass spectrometry 837(1999)93
- D'Agostino, P.A., Hancock, J.R. and Provost, L.R. Packed capillary liquid chromatography-electrospray mass spectrometry analysis of organophosphorus chemical warfare agents 840(1999)289
- D'Agostino, P.A., Provost, L.R. and Hancock, J.R. Analysis of mustard hydrolysis products by packed capillary liquid chromatography-electrospray mass spectrometry 808(1998)177
- Daguet, D., see Morin, P. 837(1999)281
- Daguet, J.L., see Lacassie, E. 805(1998)319
- Daguet, J.L., see Lacassie, E. 830(1999)135
- Dahl, D.B., see Valenzuela, F.A. 802(1998)395
- Dahl, J., see Matz, G. 830(1999)365
- Dahl, R., see Al-Shawi, A.W. 850(1999)137

- Dahlén, J. and Karlsson, S.
Determination of iron(II) in natural waters by capillary zone electrophoresis using on-capillary complexation with 2,4,6-tri(2'-pyridyl)-1,3,5-triazine 848(1999)491
- Dai, H.J. and Krull, I.S.
Thermal stability studies of immunoglobulins using capillary isoelectric focusing and capillary zone electrophoretic methods 807(1998)121
- Daino, T., see Yachida, Y. 813(1998)325
- Dakova, T., see Stoev, G. 846(1999)383
- Dal Bo, L., see Marzo, A. 812(1998)17
- Dallavalle, F., see Galaverna, G. 829(1998)101
- Dalluge, J., Hankemeier, T., Vreuls, R.J.J. and Brinkman, U.A.Th.
On-line coupling of immunoaffinity-based solid-phase extraction and gas chromatography for the determination of *s*-triazines in aqueous samples 830(1999)377
- D'Amato, A., see Bicchi, C. 843(1999)99
- Damin, F., see Chiari, M. 817(1998)15
- Dani, F.R., see Maile, R. 816(1998)169
- Daniels, M., see Balland, A. 846(1999)143
- Danielson, N.D., see Bolden, M.E. 828(1998)421
- Danielson, N.D., see Gallagher, P.A. 817(1998)31
- Danielson, N.D., see Shamsi, S.A. 835(1999)159
- Danková, M., Kaniansky, D., Fanali, S. and Iványi, F.
Capillary zone electrophoresis separations of enantiomers present in complex ionic matrices with on-line isotachophoretic sample pretreatment 838(1999)31
- Danner, R.P., see Tihminlioglu, F. 845(1999)93
- Danz, H., see Benthin, B. 837(1999)211
- Dapremont, O., see Miller, L. 849(1999)309
- Darcey, R., see Haynes, III, J.L. 803(1998)261
- D'Ascenzo, G., Gentili, A., Marchese, S. and Perret, D.
Determination of arylphenoxypropionic herbicides in water by liquid chromatography-electrospray mass spectrometry 813(1998)285
- Dasgupta, P.K., see Boring, C.B. 804(1998)45
- Dathe, M., see Krause, E. 849(1999)125
- David, F., see Baltussen, E. 805(1998)237
- David, F., see Correa, R.A. 848(1999)83
- David, F., Gere, D.R., Scanlan, F. and Sandra, P.
Instrumentation and applications of fast high-resolution capillary gas chromatography 842(1999)309
- Davies, M.J., see Levison, P.R. 816(1998)107
- Davies, M.J., see Levison, P.R. 827(1998)337
- Davis, J.M.
Prediction of numbers of singlets, doublets, and triplets in poorly resolved separations by statistical-overlap theory 831(1999)37
- Davis, J.M., see Samuel, C. 842(1999)65
- Dawson, K.A., see Jacquier, J.-C. 817(1998)263
- Day, L., Greenwell, P., Lock, S. and Brown, H.
Analysis of wheat flour proteins related to grain hardness using capillary electrophoresis 836(1999)147
- Dear, G.J., see Ayrton, J. 828(1998)199
- De Beer, J., see Vander Heyden, Y. 830(1999)3
- De Beer, T., see Gooijer, C. 824(1998)1
- De Beer, T., Hoornweg, G.Ph., Termaten, A., Brinkman, U.A.Th., Velthorst, N.H. and Gooijer, C.
Forward-scattering degenerate four-wave mixing for sensitive absorption detection in microseparation systems. Coupling to micro-column liquid chromatography 811(1998)35
- De Bellefon, C., see Berthod, A. 828(1998)523
- De Bellis, G., see Mangano, M.F. 848(1999)435
- De Boer, J.
Capillary gas chromatography for the determination of halogenated micro-contaminants (Review) 843(1999)179
- De Borrego, B.S., see Morales, J.A. 804(1998)289
- De Brabander, E.M.M., see van der Wal, S. 825(1998)135
- De Brabander, H.F., see De Wasch, K. 819(1998)99
- De Braekeleer, K., de Juan, A. and Massart, D.L.
Purity assessment and resolution of tetracycline hydrochloride samples analysed using high-performance liquid chromatography with diode array detection 832(1999)67
- De Bruyn, P.C.A.M., see Xu, X. 830(1999)439
- De Carmejane, O., Schwinefus, J.J., Wang, S.-C. and Morris, M.D.
Electrophoretic separation of linear and supercoiled DNA in uncoated capillaries 849(1999)267
- Decolin, D., see Vander Heyden, Y. 830(1999)3
- Deelchand, J.-P., Naqvi, Z., Dubau, C., Shearman, J., Lazaro, M.-J., Herod, A.A., Read, H. and Kandiyoti, R.
Planar chromatographic separation of petroleum residues and coal-derived liquids 830(1999)397
- Defaye, J., see Ratsimba, V. 844(1999)283
- Deffieux, G., see Carando, S. 849(1999)617
- Defloor, I., Vandenreyken, V., Grobet, P.J. and Delcour, J.A.
Fractionation of maltodextrins by ethanol 803(1998)103
- Deforce, D.L.D., Millecamps, R.E.M., Van Hoofstat, D. and Van den Eeckhout, E.G.
Comparison of slab gel electrophoresis and capillary electrophoresis for the detection of the fluorescently labeled polymerase chain reaction products of short tandem repeat fragments 806(1998)149
- De Frutos, M., see Cifuentes, A. 830(1999)453
- Degand, P., see Boulis, Y. 805(1998)285
- Diegelmann, P., see Becker, M. 818(1998)260
- Degenhardt, M., Benend, H. and Wätzig, H.
Quality control of pentosane polysulfate by capillary zone electrophoresis using indirect detection 817(1998)297
- Degenhardt, M., see Wätzig, H. 817(1998)239
- De Graeve, J., see Toussaint, B. 819(1998)161
- De Graterol, L.S., see Morales, J.A. 804(1998)289
- De Groot, P.C., see Blomberg, J. 849(1999)483
- De Groot, Å., see Derksen, G.C.H. 816(1998)277
- Deguchi, K., Kohda, K. and Ito, M.
Simultaneous separation of anions and cations by flow-gradient ion chromatography 845(1999)165
- Deinzer, M.L., see Stevens, J.F. 832(1999)97
- De Jong, C.F., see Theodoridis, G. 802(1998)297
- De Joode, T., see Schuyt, P.J.W. 810(1998)53
- De Juan, A., see De Braekeleer, K. 832(1999)67
- Dekant, W., see Pähler, A. 847(1999)25
- Dekant, W., see Völkel, W. 847(1999)35
- De Koeijer, J.A., see Xu, X. 830(1999)439

- De Koning, J.A., Hogenboom, A.C., Lacker, T., Strohschein, S., Albert, K. and Brinkman, U.A.Th.
On-line trace enrichment in hyphenated liquid chromatography-nuclear magnetic resonance spectroscopy 813(1998)55
- Del Nozal, M., see Bernal, J.L. 823(1998)423
- Del Nozal, M., see Jiménez, J.J. 823(1998)381
- Del Nozal, M., see Toribio, L. 823(1998)163
- Del Nozal, M.J., see Jiménez, J.J. 829(1998)269
- Del Rio, J.C., see Bautista, J.M. 845(1999)365
- Del Río, J.C., see Gutiérrez, A. 823(1998)449
- Del Río, J.C., Gutiérrez, A., González-Vila, F.J., Martín, F. and Romero, J.
Characterization of organic deposits produced in the kraft pulping of *Eucalyptus globulus* wood 823(1998)457
- Del Río, J.C., Gutiérrez, A. and González-Vila, F.J.
Analysis of impurities occurring in a totally chlorine free-bleached Kraft pulp 830(1999)227
- Del Rio, J.C., McKinney, D.E., Knicker, H., Nanny, M.A., Minard, R.D. and Hatcher, P.G.
Structural characterization of bio- and geo-macromolecules by off-line thermochemolysis with tetramethylammonium hydroxide 823(1998)433
- De la Rie, E.R., see van der Doelen, G.A. 809(1998)21
- Delcour, J.A., see Defloor, I. 803(1998)103
- De Leenheer, A., see Dirinck, I. 819(1998)155
- De Leenheer, A.P., see Borrey, D. 819(1998)125
- De Leo, G., see Accianni, R. 828(1998)397
- Delgado, A., see Deng, Y. 817(1998)145
- Delgado, T. and Gómez-Cordovés, C.
Natural occurrence of alternariol and alternariol methyl ether in Spanish apple juice concentrates 815(1998)93
- De Martinis, M., see Bompadre, S. 812(1998)249
- De Merulis, G., see Di Muccio, A. 833(1999)61
- De Miguel, I., Roueche, A. and Betbeder, D.
Separation of dipalmitoyl phosphatidyl choline, cholesterol and their degradation products by high-performance liquid chromatography on a perfluorinated stationary bonded phase 840(1999)31
- Demillequand, M., Cérésiat, M., Belmans, M., Kemps, L. and Marchand-Brynaert, J.
Analytical separation of the four stereoisomers of isopropyl 2,3-epoxybutanoate by gas chromatography 832(1999)259
- De Nava, M.G., see Morales, J.A. 804(1998)289
- Deng, B., Lu, J. and Yan, J.
Separation of alcohol-soluble proteins from tobacco seeds by capillary zone electrophoresis 803(1998)321
- Deng, Y., Fan, X., Delgado, A., Nolan, C., Furton, K., Zuo, Y. and Jones, R.D.
Separation and determination of aromatic acids in natural water with preconcentration by capillary zone electrophoresis 817(1998)145
- Dennis, J., see Levison, P.R. 816(1998)107
- Denoroy, L., see Robert, F. 817(1998)195
- Denoyel, R., see Tomao, V. 829(1998)367
- Denton, M.B., see Liang, Y. 827(1998)45
- De Oliveira, A.B., see Braga, F.C. 822(1998)37
- Depala, M., see Saeed, M. 836(1999)15
- De Pauw, E., see Toussaint, B. 819(1998)161
- De Pauw, E., see Windal, I. 819(1998)187
- Depuydt, S., see Orwa, J.A. 829(1998)161
- De Ridder, T., see Kok, S.J. 806(1998)355
- Derkens, G.C.H., van Beek, T.A., De Groot, A.E. and Capelle, A.
High-performance liquid chromatographic method for the analysis of anthraquinone glycosides and aglycones in madder root (*Rubia tinctorum* L.) 816(1998)277
- De Roeck-Holtzhauer, Y., see Vanquerp, V. 832(1999)273
- De Ruiter, C., see Bardelmeijer, H.A. 807(1998)3
- Desager, J.-P., see Leclercq, I. 828(1998)291
- Desai, A.S., Chougule, V.D., Patil, S.S. and Sriram, M.
Chromatographic determination of anions in industrial salt and sodium chloride brines used in chlor-alkali industry 841(1999)55
- De Sarro, G., see Rizzo, M. 846(1999)165
- Desauziers, V., see Lespes, G. 826(1998)67
- Desbène, P.L., Yver, B. and Desmazières, B.
Analysis of monomethyl- and dimethylsiloxane polymers and copolymers (functionalized or nonfunctionalized) by supercritical-fluid chromatography 813(1998)121
- Descorps, V., see Pasternyk (Di Marco), M. 828(1998)135
- Deshmukh, R.R., Leitch II, W.E. and Cole, D.L.
Application of sample displacement techniques to the purification of synthetic oligonucleotides and nucleic acids: a mini-review with experimental results 806(1998)77
- Desiderio, C., see Aturki, Z. 817(1998)91
- Desiderio, C. and Fanali, S.
Chiral analysis by capillary electrophoresis using antibiotics as chiral selector (Review) 807(1998)37
- Desiderio, C. and Fanali, S.
Erratum to "Chiral analysis by capillary electrophoresis using antibiotics as chiral selector" (Review). [J Chromatogr. A. 807 (1998) 37-56] 818(1998)281
- Desiderio, C., see Fanali, S. 838(1999)223
- Desiderio, C., see Rudaz, S. 846(1999)227
- Desimoni, E., see Casella, I.G. 814(1998)63
- Desmazières, B., see Desbène, PL. 813(1998)121
- De Smet, R., Vogelee, P., Van Kaer, J., Lameire, N. and Vanholder, R.
Study by means of high-performance liquid chromatography of solutes that decrease theophylline/protein binding in the serum of uremic patients 847(1999)141
- Dessaux, Y., see Zhang, D. 813(1998)247
- Deutsch, J.C.
Ascorbic acid possesses labile oxygen atoms in aqueous solution 802(1998)385
- De Viguerie, N.L., see Ceugniet, C. 810(1998)237
- De Voogt, P., see Zhao, M. 837(1999)129
- De Wasch, K., De Brabander, H.F., van Ginkel, L.A., Spaan, A., Sterk, S.S. and Meiring, H.D.
Confirmation of residues of thyreostatic drugs in thyroid glands by multiple mass spectrometry after thin-layer chromatographic screening 819(1998)99
- De Winne, A., see Dirinck, P. 847(1999)203
- Dewulf, J., Van Langenhove, H. and Everaert, P.
Determination of Henry's law coefficients by combination of the equilibrium partitioning in closed systems and solid-phase microextraction techniques 830(1999)353

- Dewulf, J. and Van Langenhove, H.
Anthropogenic volatile organic compounds in ambient air and natural waters: a review on recent developments of analytical methodology, performance and interpretation of field measurements (Review) 843(1999)163
- Deyl, Z.
Preface 807(1998)1
- Deyl, Z., see Hamrníková, I. 838(1999)167
- Deyl, Z., see Mikšík, I. 807(1998)111
- Deyl, Z., Mikšík, I. and Zicha, J.
Multicomponent analysis by off-line combination of synchronous fluorescence spectroscopy and capillary electrophoresis of collagen glycation adducts 836(1999)161
- De Zeeuw, J., see Greally, B.R. 810(1998)119
- De Zeeuw, R.A., see Boone, C.M. 838(1999)259
- De Zeeuw, R.A., see Selditz, U. 803(1998)169
- Di Filippo, P., see Cecinato, A. 846(1999)255
- Di Giovanni, O., see Juza, M. 813(1998)333
- Di Muccio, A., Girolimetti, S., Attard Barbini, D., Pelosi, P., Generali, T., Vergori, L., De Merulis, G., Leonelli, A. and Stefanelli, P.
Selective clean-up applicable to aqueous acetone extracts for the determination of carbendazim and thiabendazole in fruits and vegetables by high-performance liquid chromatography with UV detection 833(1999)61
- Di Muccio, A., Pelosi, P., Attard Barbini, D., Generali, T., Girolimetti, S., Stefanelli, P., Leonelli, A., Amendola, G., Vergori, L. and Viana Fresquet, E.
Determination of pyrethroid pesticide residues in fatty materials by solid-matrix dispersion partition, followed by mini-column size-exclusion chromatography 833(1999)19
- Diack, M., see Hamada, J.S. 827(1998)319
- Díaz, M.J., see Fernández-Boy, M.E. 823(1998)279
- Díaz, V.G., see Linares, R.M. 808(1998)87
- Diez, B., see Armisen, P. 848(1999)61
- Diez, M.A., Domínguez, A., Barriocanal, C., Alvarez, R., Blanco, C.G. and Canga, C.S.
Hydrogen donor and acceptor abilities of pitches from coal and petroleum evaluated by gas chromatography 830(1999)155
- Diez, M.A., Domínguez, A., Barriocanal, C., Alvarez, R., Blanco, C.G., Casal, M.D. and Canga, C.S.
Gas chromatographic study for the evaluation of the suitability of bituminous waste material as an additive for coke production 823(1998)527
- Diez-Masa, J.C., see Benito, I. 841(1999)105
- Diez-Masa, J.C., see Bernal, J.L. 823(1998)423
- Díez-Masa, J.C., see Cifuentes, A. 823(1998)561
- Diez-Masa, J.C., see Cifuentes, A. 824(1998)99
- Diez-Masa, J.C., see Cifuentes, A. 830(1999)423
- Díez-Masa, J.C., see Cifuentes, A. 830(1999)453
- Dijkman, E., see Hogendoorn, E.A. 833(1999)67
- Dimandja, J.-M.D., see Akapo, S.O. 843(1999)147
- Dinelli, G., see Morselli, L. 845(1999)357
- Ding, L., see Orta, D. 804(1998)295
- Ding, M. and Feng, L.
Determination of organic anions in waste liquid of sodium hydrosulfite production by ion chromatography 839(1999)233
- Ding, M., Yang, H. and Xiao, S.
Rapid, direct determination of polyphenols in tea by reversed-phase column liquid chromatography 849(1999)637
- Ding, Q., see Zhang, L. 839(1999)49
- Ding, W. and Fritz, J.S.
Carbamate chiral surfactants for capillary electrophoresis 831(1999)311
- Ding, W., see Ma, C.Yu. 844(1999)217
- Ding, W.-H., Lo, J.-H. and Tzing, S.-H.
Determination of linear alkylbenzenesulfonates and their degradation products in water samples by gas chromatography with ion-trap mass spectrometry 818(1998)270
- Ding, W.-H. and Tzing, S.-H.
Analysis of nonylphenol polyethoxylates and their degradation products in river water and sewage effluent by gas chromatography–ion trap (tandem) mass spectrometry with electron impact and chemical ionization 824(1998)79
- Diogo, M.M., Silva, S., Cabral, J.M.S. and Queiroz, J.A.
Hydrophobic interaction chromatography of *Chromobacterium viscosum* lipase on polypropylene glycol immobilised on Sepharose 849(1999)413
- Dios-Viéitez, M.C., see Echevarría, I. 819(1998)171
- Dirinck, I., Meyer, E., Van Bocxlaer, J., Lambert, W. and De Leenheer, A.
Application of gas chromatography–Fourier transform infrared spectrometry to the analysis of amphetamine analogues 819(1998)155
- Dirinck, P. and De Winne, A.
Flavour characterisation and classification of cheeses by gas chromatographic–mass spectrometric profiling 847(1999)203
- Diserens, H. and Henzelin, M.
Determination of abamectin residues in fruits and vegetables by high-performance liquid chromatography 833(1999)13
- Divjak, B., Franko, M. and Novič, M.
Determination of iron in complex matrices by ion chromatography with UV–Vis, thermal lens and amperometric detection using post-column reagents 829(1998)167
- Divjak, B. and Goessler, W.
Ion chromatographic separation of sulfur-containing inorganic anions with an ICP–MS as element-specific detector 844(1999)161
- Divjak, B., see Novič, M. 827(1998)83
- Dixon, D.W., Pu, G. and Wojtowicz, H.
Capillary electrophoretic separation of cationic porphyrins 802(1998)367
- Djane, N.-K., see Ndungù, K. 826(1998)103
- Djauhari, J., see Sojo, L.E. 840(1999)21
- Djordjevic, N.M., see Dolan, J.W. 803(1998)1
- Dlugogorski, B.Z., see Height, M.J. 841(1999)187
- Do, K.S., see Lee, H.S. 848(1999)179
- Doble, P. and Haddad, P.R.
Indirect photometric detection of anions in capillary electrophoresis 834(1999)189

- Doble, P., Macka, M. and Haddad, P.R.
Use of dyes as indirect detection probes for the high-sensitivity determination of anions by capillary electrophoresis 804(1998)327
- Dobó, A., see Kósa, Á. 819(1998)297
- Dobrev, P., see Vaňková, R. 811(1998)77
- Dohi, Y., see Onji, Y. 815(1998)59
- Dohnalová, M., see Klimeš, J. 846(1999)181
- Dolan, J.W., Snyder, L.R., Djordjevic, N.M., Hill, D.W., Saunders, D.L., Van Heukelom, L. and Waeghe, T.J.
Simultaneous variation of temperature and gradient steepness for reversed-phase high-performance liquid chromatography method development. I. Application to 14 different samples using computer simulation 803(1998)1
- Dolan, J.W., Snyder, L.R., Saunders, D.L. and Van Heukelom, L.
Simultaneous variation of temperature and gradient steepness for reversed-phase high-performance liquid chromatography method development. II. The use of further changes in conditions 803(1998)33
- Domin, M., see Lazaro, M.J. 840(1999)107
- Domínguez, A., see Diez, M.A. 823(1998)527
- Domínguez, A., see Díez, M.A. 830(1999)155
- Dommarco, R., Santilio, A., Fornarelli, L. and Rubbiani, M.
Simultaneous quantitative determination of thirteen urea pesticides at sub-ppb levels on a Zorbax SB-C₁₈ column 825(1998)200
- Dondi, F., see Contado, C. 845(1999)303
- Dongowski, G., see Schwarz, M.A. 809(1998)219
- Döring, G., see Viglio, S. 846(1999)125
- Doris, P.A., Oefner, P.J., Chilton, B.S. and Hayward-Lester, A.
Quantitative analysis of gene expression by ion-pair high-performance liquid chromatography 806(1998)47
- Dorsey, J.G., see Lister, A.S. 828(1998)105
- Dose, E.V., see Williams, R.L. 814(1998)199
- Dosio, F., Arpicco, S., Canevari, S., Figini, M. and Gastaldi, D.
Single-step purification of immunotoxins containing a high ionic charge ribosome inactivating protein clavin by carboxymethyl high-performance membrane chromatography 830(1999)329
- Dossena, A., see Galaverna, G. 829(1998)101
- Dostál, V., see Bednář, P. 831(1999)277
- Dott, W., see Lutermann, C. 811(1998)151
- Dott, W., see Lutermann, C. 816(1998)201
- Douek, M., see Sullivan, J. 804(1998)113
- Dovichi, N., see Heller, C. 806(1998)113
- Dovichi, N.J., see Ren, H. 817(1998)307
- Dovichi, N.J., see Stathakis, C. 817(1998)227
- Dovichi, N.J., see Stathakis, C. 817(1998)233
- Dowd, M.K.
Gas chromatographic characterization of soapstocks from vegetable oil refining 816(1998)185
- Drabowicz, J., see Kotyński, A. 831(1999)321
- Dragani, L.K., see Frassanito, R. 806(1998)366
- Draisici, R., see James, K.J. 844(1999)53
- Draisici, R., Marchiafava, C., Ferretti, E., Palleschi, L., Catellani, G. and Anastasio, A.
Evaluation of musk contamination of freshwater fish in Italy by accelerated solvent extraction and gas chromatography with mass spectrometric detection 814(1998)187
- Draisici, R., Palleschi, L., Giannetti, L., Lucentini, L., James, K.J., Bishop, A.G., Satake, M. and Yasumoto, T.
New approach to the direct detection of known and new diarrhoeic shellfish toxins in mussels and phytoplankton by liquid chromatography-mass spectrometry 847(1999)213
- Dreux, M., see Cahours, X. 810(1998)209
- Dreux, M., see Cahours, X. 845(1999)203
- Dreux, M., see Elfakir, C. 829(1998)193
- Dreux, M., see Mercier, J.-P. 825(1998)71
- Dreux, M., see Mercier, J.-P. 849(1999)197
- Dreux, M., see Morin, P. 837(1999)281
- Dreux, M., see Petritis, K.N. 833(1999)147
- Dreveny, D., see Schmid, M.G. 846(1999)157
- Dreyfuss, M.-F., see Lacassie, E. 805(1998)319
- Dreyfuss, M.-F., see Lacassie, E. 830(1999)135
- Drobecq, H., see Mokrzycki, N. 839(1999)57
- Drochner, W., see Schollenberger, M. 815(1998)123
- Drouin, G., see Heller, C. 806(1998)113
- Drown, D.B., see Bowerbank, C.R. 818(1998)265
- Drumm, E., see Guiochon, G. 835(1999)41
- Drybread, M., see Orta, D. 804(1998)295
- Du, Q., Wu, C., Qian, G., Wu, P. and Ito, Y.
Relationship between the flow-rate of the mobile phase and retention of the stationary phase in counter-current chromatography 835(1999)231
- Duane, M., see Glasius, M. 833(1999)121
- Dubau, C., see Deelchand, J.-P. 830(1999)397
- Dubin, P.L., see Wang, Y. 808(1998)61
- Dubis, E.N., see Isidorov, V.A. 814(1998)253
- Ducharme, M.P., see Pasternyk (Di Marco), M. 828(1998)135
- Duchateau, G.S.M.J.E., see Schuyt, P.J.W. 810(1998)53
- Ducret, G., see Rochu, D. 838(1999)157
- Duda, C.T., see Liu, H. 818(1998)69
- Dudd, S.N., see Mottram, H.R. 833(1999)209
- Dugay, J., see Miége, C. 823(1998)219
- Dugo, G., see Mondello, L. 842(1999)373
- Dugo, P., see Mondello, L. 842(1999)373
- Duhazé, C., see Bouchereau, A. 836(1999)209
- Dumont, L., see Fang, Yu. 816(1998)39
- Duncan, K., Kruger, S., Zabe, N., Kohn, B. and Prioli, R.
Improved fluorometric and chromatographic methods for the quantification of fumonisins B₁, B₂ and B₃ 815(1998)41
- Dunemann, L., see Elke, K. 826(1998)191
- Dunne, R., see Fagan, P.A. 804(1998)249
- Durix, A., see Jaussaud, P. 815(1998)147
- Durr, W., see Chen, T.K. 811(1998)145
- Durst, H.D., see Stoff, J.R. 849(1999)529
- Dusi, G. and Gamba, V.
Liquid chromatography with ultraviolet detection of lasalocid, monensin, salinomycin and narasin in poultry feeds using pre-column derivatization 835(1999)243
- Dussauze, J., see Marty, Y. 839(1999)119
- Duszczycy, K., see Bielejewska, A. 840(1999)159

- Dutta, P.C. and Normén, L.
Capillary column gas-liquid chromatographic separation of
Δ5-unsaturated and saturated phytosterols 816(1998)177
- Dwars, T., see Fischer, C. 845(1999)273
- Dworschak, A. and Pyell, U.
Widening of the elution window in micellar electrokinetic chromatography with cationic surfactants. I. Selection of surfactant, variation of pH and addition of organic modifiers or inorganic metal salts 848(1999)387
- Dyson, N.
Peak distortion, data sampling errors and the integrator in the measurement of very narrow chromatographic peaks (Review) 842(1999)321
- Dzyabchenko, A.A., Proskurnin, M.A., Abroskin, A.G. and Chashchikhin, D.V.
Conjunction of thermal lens spectrometry and high-performance liquid chromatography. Approach to data treatment 827(1998)13
- E**
- Echevarría, I., Barturen, C., Renedo, M.J. and Dios-Viéitez, M.C.
High-performance liquid chromatographic determination of amphotericin B in plasma and tissue. Application to pharmacokinetic and tissue distribution studies in rats 819(1998)171
- Echols, K.R., Gale, R.W., Feltz, K., O'Laughlin, J., Tillitt, D.E. and Schwartz, T.R.
Loading capacity and chromatographic behavior of a porous graphitic carbon column for polychlorinated biphenyls 811(1998)135
- Eckard, P.R., Taylor, L.T. and Slack, G.C.
Method development for the separation of phospholipids by subcritical fluid chromatography 826(1998)241
- Eckers, C., see Ellis, D.R. 808(1998)269
- Eckers, C., see Ellis, D.R. 829(1998)419
- Eckerstorfer, R., see Niessner, G. 846(1999)341
- Edder, P., Cominoli, A. and Corvi, C.
Determination of streptomycin residues in food by solid-phase extraction and liquid chromatography with post-column derivatization and fluorometric detection 830(1999)345
- Eddy, C.L., see Maeno, S. 849(1999)217
- Eder, K., Buchmeiser, M.R. and Bonn, G.K.
New cation-exchange resins with high reversed-phase character for solid-phase extraction of phenols 810(1998)43
- Edwards, C., see Lawton, L.A. 848(1999)515
- Efer, J., see Engewald, W. 842(1999)143
- Effenberger, H., see Jandera, P. 807(1998)57
- Egea González, F.J., Martínez Vidal, J.L., Castro Cano, M.L. and Martínez Galera, M.
Levels of metamidophos in air and vegetables after greenhouse applications by gas chromatography 829(1998)251
- Eggert, M., Baltes, T., Garret-Flaudy, F. and Freitag, R.
Affinity precipitation – an alternative to fluidized bed adsorption? 827(1998)269
- Eguchi, N., see Hiraoka, A. 802(1998)143
- Ehmann, T., Bächmann, K., Fabry, L., Rüfer, H., Serwe, M., Ross, G., Pahlke, S. and Kotz, L.
Capillary preconditioning for analysis of anions using indirect UV detection in capillary zone electrophoresis. Systematic investigation of alkaline and acid pre rinsing techniques by designed experiments 816(1998)261
- Eiden, R., Schöler, H.F. and Gastner, M.
In situ ethylation–purge and programmed-temperature-vaporizer cold trapping–gas chromatography–mass spectrometry as an automated technique for the determination of methyl- and butyltin compounds in aqueous samples 809(1998)151
- Eijkel, J.C.T., Prak, A., Cowen, S., Craston, D.H. and Manz, A.
Micromachined heated chemical reactor for pre-column derivatization 815(1998)265
- Einhorn, J., see Malosse, C. 803(1998)203
- Eiper, A., see Bartsch, H. 846(1999)207
- Eisenbeiss, F., see Meissner, Th. 810(1998)201
- Eisenbeiss, F., see Meissner, Th. 829(1998)351
- Eisenbeiss, F., see Meissner, Th. 838(1999)81
- Eisenbeiss, F., see Renner, S. 838(1999)251
- Ekblad, L., Kernbichler, J. and Jergil, B.
Aqueous two-phase affinity partitioning of biotinylated liposomes using neutral avidin as affinity ligand 815(1998)189
- Ekelund, M., see Laniewski, K. 826(1998)201
- El Rassi, Z., Clinkenbeard, P.A. and Clinkenbeard, K.D.
High-performance liquid chromatography of *Pasteurella haemolytica* leukotoxin using anion-exchange perfusion columns 808(1998)167
- Elejalde, E., see Escobal, A. 823(1998)349
- Elfakir, C., Chaimbault, P. and Dreux, M.
Determination of inorganic anions on porous graphitic carbon using evaporative light scattering detection. Use of carboxylic acids as electronic competitors 829(1998)193
- Elfakir, C., see Petritis, K.N. 833(1999)147
- Elisabeth, P., Yoshioka, M., Sasaki, T. and Senda, M.
Separation of nucleotides using micellar electrokinetic capillary chromatography 806(1998)199
- Elisabetsky, E., see Verotta, L. 841(1999)165
- Elizalde-González, M.P., Mattusch, J. and Wennrich, R.
Stability and determination of aflatoxins by high-performance liquid chromatography with amperometric detection 828(1998)439
- Elizalde-González, M.P. and Ruíz-Palma, R.
Gas chromatographic characterization of the adsorption properties of the natural adsorbent CACMM2 845(1999)373

- Elke, K., Jermann, E., Begerow, J. and Dunemann, L.
Determination of benzene, toluene, ethylbenzene and xylenes in indoor air at environmental levels using diffusive samplers in combination with headspace solid-phase microextraction and high-resolution gas chromatography-flame ionization detection 826(1998)191
- Elliott, J., see Lin, L.-Z. 810(1998)71
- Ellis, D.R., Palmer, M.E., Tetler, L.W. and Eckers, C.
Separation of cimetidine and related materials by aqueous and non-aqueous capillary electrophoresis 808(1998)269
- Ellis, D.R., Palmer, M.E., Tetler, L.W. and Eckers, C.
Erratum to "Separation of cimetidine and related materials by aqueous and non-aqueous capillary electrophoresis" [J. Chromatogr. A, 808 (1998) 269-275] 829(1998)419
- Ells, B., Wang, Y. and Cantwell, F.F.
Influence of solvent uptake and swelling by poly(styrene-divinylbenzene) column packings on sample sorption rate and band broadening in reversed-phase liquid chromatography 835(1999)3
- Ellwanger, A., see Wielandt, W. 805(1998)71
- Emm  us, J., see Kjellstr  m, S. 823(1998)489
- Engelhardt, H., see Clos, H.N. 802(1998)149
- Engelhardt, H., see Finkler, C. 822(1998)101
- Engelhardt, H., see Schneider, P.J. 802(1998)17
- Engen, M.A., Culbertson, J.A. and Grimsrud, E.P.
Analysis of brominated compounds in background air by gas chromatography-high-resolution mass spectrometry 848(1999)261
- Engewald, W., Teske, J. and Efer, J.
Programmed temperature vaporisers-based large volume injection in capillary gas chromatography (Review) 842(1999)143
- Enoch, P., Putzler, A., Rinne, D. and Schlu  ter, J.
Automated solid-phase extraction on-line coupled to gas chromatography 822(1998)75
- Ensing, K., see Boone, C.M. 838(1999)259
- Eppe, G., see Windal, I. 819(1998)187
- Erdjument-Bromage, H., Lui, M., Lacomis, L., Grewal, A., Annan, R.S., McNulty, D.E., Carr, S.A. and Tempst, P.
Examination of micro-tip reversed-phase liquid chromatographic extraction of peptide pools for mass spectrometric analysis 826(1998)167
- Ericson, C., see Maru  ka, A. 837(1999)25
- Esaka, Y., Yoshimura, K., Goto, M. and Kano, K.
Non-aqueous capillary zone electrophoresis using polyethylene glycol as a matrix agent 822(1998)107
- Escarpa, A. and Gonz  lez, M.C.
High-performance liquid chromatography with diode-array detection for the determination of phenolic compounds in peel and pulp from different apple varieties 823(1998)331
- Escarpa, A. and Gonz  lez, M.C.
Fast separation of (poly)phenolic compounds from apples and pears by high-performance liquid chromatography with diode-array detection 830(1999)301
- Escobal, A., Iriondo, C., Laborra, C., Elejalde, E. and Gonzalez, I.
Determination of acids and volatile compounds in red Txakoli wine by high-performance liquid chromatography and gas chromatography 823(1998)349
- Escuder-Gilabert, L., Sanchis-Mallois, J.M., Sagrado, S., Medina-Hern  ndez, M.J. and Villanueva-Cama  as, R.M.
Chromatographic quantitation of the hydrophobicity of ionic compounds by the use of micellar mobile phases 823(1998)549
- Escudero, A., see Ferreira, V. 806(1998)349
- Eskilsson, C.S., Bj  rklund, E., Mathiasson, L., Karlsson, L. and Torstensson, A.
Microwave-assisted extraction of felodipine tablets 840(1999)59
- Esmans, E.L., see Prinsen, E. 826(1998)25
- Espinosa, P., see Casado, A.G. 826(1998)49
- Espinosa, S., see Bosch, E. 824(1998)137
- Eto, R., see Shibukawa, M. 830(1999)321
- Etxebarria, N., see Zuloaga, O. 849(1999)225
- Evanchic, M., see Peseck, J.J. 818(1998)145
- Evans, M.B., see Smith, N. 832(1999)41
- Everaert, P., see Dewulf, J. 830(1999)353
- Everaerts, F.M., see Beckers, J.L. 838(1999)149
- Evershed, R.P., see Mottram, H.R. 833(1999)209
- Evershed, R.P., see Woodbury, S.E. 805(1998)249

F

- Faab  k, J.R., see J  rgensen, T.K. 817(1998)205
- Fabre, H., see Ake, M. 826(1998)183
- Fabry, L., see Ehmann, T. 816(1998)261
- Facchetti, S., see Nilsson, T. 826(1998)211
- Fadeev, A.Y., see Roshchina, T.M. 844(1999)225
- Fagan, P.A., Haddad, P.R., Mitchell, I. and Dunne, R.
Monitoring the cyanidation of gold-copper ores with ion-interaction chromatography. Determination of the CN⁻:Cu(I) molar ratio 804(1998)249
- Fahrner, R.L. and Blank, G.S.
Real-time control of antibody loading during protein A affinity chromatography using an on-line assay 849(1999)191
- Fahrner, R.L., Lester, P.M., Blank, G.S. and Reifsnyder, D.H.
Real-time control of purified product collection during chromatography of recombinant human insulin-like growth factor-I using an on-line assay 827(1998)37
- Fahrner, R.L., Lester, P.M., Blank, G.S. and Reifsnyder, D.H.
Non-flammable preparative reversed-phase liquid chromatography of recombinant human insulin-like growth factor-I 830(1999)127
- Fairbank, R.W.P. and Wirth, M.J.
Role of surface-adsorbed water in the horizontal polymerization of trichlorosilanes 830(1999)285
- Falc  n, V., see Tleugabulova, D. 845(1999)171
- Fan, X., see Deng, Y. 817(1998)145
- Fanali, S., see Aturki, Z. 817(1998)91

- Fanali, S., Aturki, Z., Desiderio, C. and Righetti, P.G.
Use of MDL 63 246 (Hepta-Tyr) antibiotic in capillary zone electrophoresis. II. Chiral resolution of α -hydroxy acids 838(1999)223
- Fanali, S., see Danková, M. 838(1999)31
- Fanali, S., see Desiderio, C. 807(1998)37
- Fanali, S., see Desiderio, C. 818(1998)281
- Fanali, S., see Rudaz, S. 846(1999)227
- Fanelli, R., see Benfenati, E. 831(1999)243
- Fang, Y., Dumont, L. and Larsen, B.
Real-time isoform analysis by two-dimensional chromatography of a monoclonal antibody during bioreactor fermentations 816(1998)39
- Farkas, T., Zhong, G. and Guiuchon, G.
Validity of Darcy's law at low flow-rates in liquid chromatography 849(1999)35
- Farková, M., Peña-Méndez, E.M. and Havel, J.
Use of artificial neural networks in capillary zone electrophoresis 848(1999)365
- Farnan, D., see Asiaie, R. 806(1998)251
- Farnan, D., see Weitzhandler, M. 828(1998)365
- Farran, A., see Guardino, X. 823(1998)91
- Farran, A., Serra, C. and Sepaniak, M.J.
Three different approaches for the separation of MCPA and 2,4-D by capillary electrophoresis 835(1999)209
- Farré, J., see Martínez, D. 808(1998)229
- Farrington, W.H.H., see Cooper, A.D. 812(1998)321
- Farrow, J.B., see Hecker, R. 837(1999)139
- Fate, G.D., see Strong, R.A. 824(1998)25
- Fatemi, M.H., see Jalali-Heravi, M. 825(1998)161
- Faubel, W., see Seidel, B.S. 817(1998)223
- Favretto, L.G., see Procida, G. 830(1999)175
- Fawell, P.D., see Hecker, R. 837(1999)139
- Fedeniuk, R.W. and Shand, P.J.
Theory and methodology of antibiotic extraction from biomaterials 812(1998)3
- Feijlbrief, M., see Welling-Wester, S. 816(1998)29
- Felinger, A., Vigh, E. and Gelencsér, A.
Statistical determination of the proper sample size in multicomponent separations 839(1999)129
- Felix, G., see Andrisano, V. 803(1998)189
- Felix, G., see Makamba, H. 818(1998)43
- Felix, G., see Pasternyk (Di Marco), M. 828(1998)135
- Félix, G., see Terrien, I. 810(1998)19
- Feltz, K., see Echols, K.R. 811(1998)135
- Feng, C. and Mitra, S.
Two-stage microtrap as an injection device for continuous on-line gas chromatographic monitoring 805(1998)169
- Feng, J., see Sato, K. 811(1998)69
- Feng, L., see Ding, M. 839(1999)233
- Feng, L. and Johnson, M.E.
Selective fluorescence derivatization and capillary electrophoretic separation of amidated amino acids 832(1999)211
- Fente, C.A., see Franco, C.M. 815(1998)21
- Ferger, M., see Metz, R. 810(1998)63
- Fernández, A., see Arce, L. 816(1998)243
- Fernández, A.L., see Bermejo, J. 849(1999)507
- Fernandez, E.J., see McNay, J.L. 849(1999)135
- Fernández, J.M., see Yritia, M. 846(1999)199
- Fernández, J.M.G., see Ratsimba, V. 844(1999)283
- Fernández, L.A., see Zuloaga, O. 849(1999)225
- Fernández Laespada, M.E., Pérez Pavón, J.L. and Moreno Cordero, B.
Continuous membrane extraction coupled with chromatographic analysis for the determination of phenols in fuels 823(1998)537
- Fernandez, P., see Carrera, G. 823(1998)189
- Fernandez, P., see Chaler, R. 823(1998)73
- Fernandez-Alba, A., see Chiron, S. 823(1998)97
- Fernandez-Alba, A.R., Agüera, A., Contreras, M., Peñuela, G., Ferrer, I. and Barceló, D.
Comparison of various sample handling and analytical procedures for the monitoring of pesticides and metabolites in ground waters 823(1998)35
- Fernández-Boy, M.E., Cabrera, F., Madejón, E., Díaz, M.J., Moreno, F. and Calero, J.P.
Analysis of cations in drainage water and soil solution by single-column ion chromatography 823(1998)279
- Fernández-Boy, M.E., Cabrera, F. and Moreno, F.
Analysis of inorganic anions in drainage water and soil solution by single-column ion chromatography 823(1998)285
- Fernández-Escobar, I., see Schubert, P. 810(1998)245
- Fernández-Lafuente, R., see Armisén, P. 848(1999)61
- Fernández-Romero, J.M., see Luque de Castro, M.D. 819(1998)25
- Fernández-Salinero, G., Silva-Vargas, M.E., León-González, M.E., Pérez-Arribas, L.V. and Polo-Díez, L.M.
Study of nitrophenols preconcentration using quinolin-8-ol immobilized on controlled-pore glass in the presence of iron(III). Chromatographic determination of dinoseb in lemon juice 839(1999)227
- Ferrante, L., see Bompadre, S. 812(1998)191
- Ferrante, L., see Bompadre, S. 812(1998)249
- Ferraz, V., see Correa, R.A. 848(1999)83
- Ferré, J., see Aguilar, C. 844(1999)425
- Ferreira, V., López, R., Escudero, A. and Cacho, J.F.
Quantitative determination of trace and ultratrace flavour active compounds in red wines through gas chromatographic-ion trap mass spectrometric analysis of microextracts 806(1998)349
- Ferreira, V., Peña, C., López, R., Crespo, C. and Cacho, J.
Concentration of small volumes of nonpolar solutions containing trace volatile compounds 824(1998)195
- Ferrer, I., see Fernandez-Alba, A.R. 823(1998)35
- Ferrer, R., see Beltrán, J.L. 802(1998)263
- Ferretti, E., see Draisci, R. 814(1998)187
- Ferretti, E., see James, K.J. 844(1999)53
- Fetsch, D. and Havel, J.
Capillary zone electrophoresis for the separation and characterization of humic acids 802(1998)189
- Fetsch, D., Hradilová, M., Peña Méndez, E.M. and Havel, J.
Capillary zone electrophoresis study of aggregation of humic substances 817(1998)313

- Feurle, J., Jomaa, H., Wilhelm, M., Gutsche, B. and Herderich, M.
Analysis of phosphorylated carbohydrates by high-performance liquid chromatography–electrospray ionization tandem mass spectrometry utilising a β -cyclodextrin bonded stationary phase 803(1998)111
- Fiedler, H.-P., see Kulik, A. 812(1998)117
- Fielden, P.R., see Bektaş, N. 836(1999)107
- Fielden, P.R., see Prest, J.E. 836(1999)59
- Figini, M., see Dosio, F. 830(1999)329
- Fillet, M., Fotsing, L. and Crommen, J.
Enantioseparation of uncharged compounds by capillary electrophoresis using mixtures of anionic and neutral β -cyclodextrin derivatives 817(1998)113
- Fingas, M., see Llompart, M. 824(1998)53
- Fingas, M., see Wang, Z. 809(1998)89
- Fingas, M., see Wang, Z. 843(1999)369
- Finkler, C., Charrel, H. and Engelhardt, H.
Permanent coated capillaries with reversed electroosmotic flow for anion analysis 822(1998)101
- Fintschenko, Y. and van den Berg, A.
Silicon microtechnology and microstructures in separation science 819(1998)3
- Fiorasi, S., see Procida, G. 830(1999)175
- Fiori, M., Pierdominici, E., Longo, F. and Brambilla, G.
Identification of main corticosteroids as illegal feed additives in milk replacers by liquid chromatography–atmospheric pressure chemical ionisation mass spectrometry 807(1998)219
- Fischer, C., Schmidt, U., Dwars, T. and Oehme, G.
Enantiomeric resolution of derivatives of α -aminophosphonic and α -aminophosphinic acids by high-performance liquid chromatography and capillary electrophoresis 845(1999)273
- Fischer, J., see Jandera, P. 807(1998)57
- Fischer, K., see Schmitt-Kopplin, Ph. 807(1998)89
- Fischicella, S., see Alberghina, G. 840(1999)51
- Fitznar, H.P., Lobbes, J.M. and Kattner, G.
Determination of enantiomeric amino acids with high-performance liquid chromatography and pre-column derivatisation with *o*-phthaldialdehyde and *N*-isobutyrylcysteine in seawater and fossil samples (mollusks) 832(1999)123
- Flack, R.W., see Tucker, H.L. 804(1998)131
- Flärdh, M. and Jacobson, B.-M.
Sensitive method for the determination of baclofen in plasma by means of solid-phase extraction and liquid chromatography–tandem mass spectrometry 846(1999)169
- Fleming, C.M., Kowalski, B.R., Appfel, A. and Hancock, W.S.
Windowed mass selection method: a new data processing algorithm for liquid chromatography–mass spectrometry data 849(1999)71
- Flieger, M., see Tesařová, E. 844(1999)137
- Floridi, A., Trizza, V., Paolotti, P. and Lucarelli, C.
Analytical strategy for the assessment of the protein glycation status in uremic patients by high-performance liquid chromatography 846(1999)65
- Floyd, P.D., Li, L., Moroz, T.P. and Sweedler, J.V.
Characterization of peptides from *Aplysia* using microbore liquid chromatography with matrix-assisted laser desorption/ionization time-of-flight mass spectrometry guided purification 830(1999)105
- Fodor, P., see Mester, Z. 832(1999)183
- Foght, J., see Wang, Z. 809(1998)89
- Folch, I., see Borrós, S. 837(1999)273
- Folesani, G., see Galaverna, G. 829(1998)101
- Foley, J.P., see Masucci, J.A. 810(1998)95
- Foley, J.P., see Murphy, R.E. 824(1998)181
- Font, G., see Valenzuela, A.I. 839(1999)101
- Font, J. and Marsal, A.
Determination of organochlorine pesticides in skins and leather by gas chromatography 811(1998)256
- Forcada, M., see López, F.J. 823(1998)23
- Forgács, E. and Cserháti, T.
Interaction of some steroid drugs with β -cyclodextrin polymer 845(1999)447
- Forgács, E., see Kósa, Á. 819(1998)297
- Fornarelli, L., see Dommarco, R. 825(1998)200
- Fornstedt, T., see Gotmar, G. 831(1999)17
- Fotsing, L., see Fillet, M. 817(1998)113
- Foucault, A.P. and Chevrolot, L.
Counter-current chromatography: instrumentation, solvent selection and some recent applications to natural product purification (Review) 808(1998)3
- Fountoulakis, M. and Lahm, H.-W.
Hydrolysis and amino acid composition analysis of proteins 826(1998)109
- Fountoulakis, M., Langen, H., Gray, C. and Takács, B.
Enrichment and purification of proteins of *Haemophilus influenzae* by chromatofocusing 806(1998)279
- Fountoulakis, M., Takács, M.-F. and Takács, B.
Enrichment of low-copy-number gene products by hydrophobic interaction chromatography 833(1999)157
- Fourmaintraux, E., see Vaccher, C. 824(1998)15
- Fox, A.
Carbohydrate profiling of bacteria by gas chromatography–mass spectrometry and their trace detection in complex matrices by gas chromatography–tandem mass spectrometry (Review) 843(1999)287
- Frach, K. and Blaschke, G.
Separation of ergot alkaloids and their epimers and determination in sclerotia by capillary electrophoresis 808(1998)247
- Fraisse, D., see Gîrzu, M. 805(1998)315
- Fraisse, D., see Lacorte, S. 833(1999)181
- Frame, G.M., see Cochran, J.W. 843(1999)323
- Francesconi, S., see Colombini, M.P. 846(1999)113
- Franchini, I., see Andreoli, R. 847(1999)9
- Francis, A.H., see Coutant, D.E. 824(1998)147
- Franco, C.M., Fente, C.A., Vázquez, B.I., Cepeda, A., Mahuzier, G. and Prognon, P.
Interaction between cyclodextrins and aflatoxins Q₁, M₁ and P₁. Fluorescence and chromatographic studies 815(1998)21

- Franěk, F. and Koutník, P.
Separation of oligonucleosomal DNA fragments from apoptotic animal cells using a triad of Sephadex columns 806(1998)61
- Frank, H., see Landsiedel, R. 822(1998)29
- Franke, J.-P., see Boone, C.M. 838(1999)259
- Franke, J.P., see Selditz, U. 803(1998)169
- Franko, M., see Divjak, B. 829(1998)167
- Fransson, B. and Ragnarsson, U.
Separation of enantiomers of α -hydroxy acids by reversed-phase liquid chromatography after derivatization with 1-(9-fluorenyl)ethyl chloroformate 827(1998)31
- Frassanito, R., Rossi, M., Dragani, L.K., Tallarico, C., Longo, A. and Rotilio, D.
Erratum to "New and simple method for the analysis of the glutathione adduct of atrazine". [J. Chromatogr. A, 795 (1998) 53-60] 806(1998)366
- Frattini, V. and Lionetti, C.
Histamine and histidine determination in tuna fish samples using high-performance liquid chromatography.
Derivatization with ω -phthalaldehyde and fluorescence detection or UV detection of "free" species 809(1998)241
- Frattoni, M., see Brancaleoni, E. 845(1999)317
- Freitag, D., see Schmitt-Kopplin, Ph. 807(1998)89
- Freitag, D., see Schmitt-Kopplin, Ph. 807(1998)101
- Freitag, D., see Schmitt-Kopplin, P. 837(1999)253
- Freitag, R., see Eggert, M. 827(1998)269
- Frenz, J., see Apffel, A. 832(1999)149
- Frey, D.D., see Bates, R.C. 814(1998)43
- Frey, D.D., see Narahari, C.R. 825(1998)115
- Friebe, M., see Jankowsky, R. 833(1999)83
- Friedberg, M., see Shihabi, Z.K. 807(1998)129
- Friedecký, D., see Barták, P. 818(1998)231
- Fritz, J.S., see Ding, W. 831(1999)311
- Fritz, J.S., see Klampfl, C.W. 804(1998)349
- Fritz, J.S., see Li, J. 840(1999)269
- Fritz, J.S., see Tanaka, K. 804(1998)179
- Fritz, J.S., see Tanaka, K. 850(1999)311
- Fritz, J.S., see Timerbaev, A.R. 811(1998)233
- Fronek, R., see Miller, L. 849(1999)309
- Fronek, R., see Orihuela, C. 827(1998)193
- Frost, R., see Tisch, T.L. 816(1998)3
- Frost, R.L., see Kocsis, L. 845(1999)197
- Frøytlog, C., Slimestad, R. and Andersen, Ø.M.
Combination of chromatographic techniques for the preparative isolation of anthocyanins — applied on blackcurrant (*Ribes nigrum*) fruits 825(1998)89
- Fu, E., see Hu, S. 844(1999)439
- Fu, R., see Zhang, H. 809(1998)65
- Fuh, C.B. and Chen, S.Y.
Magnetic split-flow thin fractionation: new technique for separation of magnetically susceptible particles 813(1998)313
- Fujii, Y., see Ismail, I.M. 808(1998)185
- Fujimoto, T., see Tawa, R. 812(1998)141
- Fujinuma, K., see Takeba, K. 812(1998)205
- Fukasawa, K., see Miura, Y. 804(1998)143
- Fukushi, K., Tada, K., Takeda, S., Wakida, S.-I., Yamane, M., Higashi, K. and Hiro, K.
Simultaneous determination of nitrate and nitrite ions in seawater by capillary zone electrophoresis using artificial seawater as the carrier solution 838(1999)303
- Fukushi, K., Takeda, S., Chayama, K. and Wakida, S.-I.
Application of capillary electrophoresis to the analysis of inorganic ions in environmental samples 834(1999)349
- Fukushi, K., Watanabe, K., Takeda, S., Wakida, S.-I., Yamane, M., Higashi, K. and Hiro, K.
Determination of bromide ions in seawater by capillary zone electrophoresis using diluted artificial seawater as the buffer solution 802(1998)211
- Fukushima, T., see Iida, T. 813(1998)267
- Fülöp, F., see Péter, M. 816(1998)123
- Funato, T., see Ono, S. 815(1998)197
- Funazo, K., see Miura, M. 846(1999)359
- Fung, E.N., Pang, H.-m. and Yeung, E.S.
Fast DNA separations using poly(ethylene oxide) in non-denaturing medium with temperature programming 806(1998)157
- Fuoco, R., Ceccarini, A., Onor, M. and Marrara, L.
Analysis of priority pollutants in environmental samples by on-line supercritical fluid chromatography cleanup-cryo-trap-gas chromatography-mass spectrometry 846(1999)387
- Fürst, P., see Andlauer, W. 849(1999)341
- Furton, K., see Deng, Y. 817(1998)145
- Furuno, M., see Terashima, C. 828(1998)113
- Furusawa, N.
Rapid liquid chromatographic determination of oxytetracycline in milk 839(1999)247
- Furusawa, N., Ozaki, A., Nakamura, M., Morita, Y. and Okazaki, K.
Simple and rapid extraction method of total egg lipids for determining organochlorine pesticides in the egg 830(1999)473
- Furuta, A., see Watanabe, T. 839(1999)41
- Fuzzati, N., see Brolis, M. 825(1998)9

G

- Gäb, S., see Schmitz, O. 814(1998)261
- Gabetta, B., see Brolis, M. 825(1998)9
- Gadgil, H. and Jarrett, H.W.
Heparin elution of transcription factors from DNasepharose columns 848(1999)131
- Gadgil, H., see Robinson, F.D. 849(1999)403
- Gago Martínez, A., see Piñeiro, N. 847(1999)223
- Gago-Martínez, A., see Quilliam, M.A. 807(1998)229

- Gal, J.
On the meaning and use of *homochiral* 829(1998)417
- Galan, L., see Lopez-Canovas, L. 806(1998)123
- Galaraga, F., see Soto, L.M. 824(1998)45
- Galaverna, G., Corradini, R., Dossena, A., Chiavaro, E., Marchelli, R., Dallavalle, F. and Folesani, G.
Chiral discrimination of Dns- and unmodified D,L-amino acids by copper(II) complexes of terdentate ligands in high-performance liquid chromatography 829(1998)101
- Galceran, M.T., see Castro, R. 830(1999)145
- Galceran, M.T., see Jáuregui, O. 823(1998)241
- Galceran, M.T., see Ruiz-Calero, V. 828(1998)497
- Galceran, M.T., see Santos, F.J. 823(1998)249
- Galceran, M.T., see Sarrión, M.N. 819(1998)197
- Galceran, M.T., see Toribio, F. 836(1999)223
- Galceran, M.T., see Cancho, B. 841(1999)197
- Galdo-Miguez, I., see Nilsson, T. 826(1998)211
- Gale, R.W., see Echols, K.R. 811(1998)135
- Galià, M., see Masqué, N. 803(1998)147
- Gallagher, P.A., Oertel, C.M. and Danielson, N.D.
Spliced capillaries for use in capillary electrophoresis with conductivity detection 817(1998)31
- Gallego, M., see Cárdenas, S. 823(1998)389
- Gallego, M., see Columé, A. 849(1999)235
- Gallego, M., see Crespín, M.A. 830(1999)165
- Gallego, M., see González, M. 823(1998)321
- Gallego, M., see González, M. 848(1999)529
- Gallion-Renault, C., see Levêque, D. 815(1998)163
- Gallon, G., see Talamond, P. 805(1998)143
- Galvagno, S., see Musolino, M.G. 818(1998)123
- Galzigna, L., see Matrass, H. 803(1998)307
- Gamba, V., see Dusi, G. 835(1999)243
- Gamón, M., see Abad, A. 833(1999)3
- Gangoda, M.E., see Bereznitski, Y. 828(1998)59
- Ganzler, K., see Kovács, Á. 836(1999)305
- Gao, V.C.X., Luo, W.C., Ye, Q. and Thoolen, M.
Column switching in high-performance liquid chromatography with tandem mass spectrometric detection for high-throughput preclinical pharmacokinetic studies 828(1998)141
- Garcés, A., see Sanz-Nebot, V. 833(1999)267
- García, J.L., see Armisén, P. 848(1999)61
- García, M.C., Marina, M.L. and Torre, M.
Ultrarapid detection of bovine whey proteins in powdered soybean milk by perfusion reversed-phase high-performance liquid chromatography 822(1998)225
- García Regueiro, J.A., see Marasciello, C. 818(1998)109
- Garcia Regueiro, J.A. and Rius, M.A.
Rapid determination of skatole and indole in pig back fat by normal-phase liquid chromatography 809(1998)246
- Garcia-Alonso, J.I., see Sutton, R.M.C. 816(1998)286
- García-Domínguez, J.A., Quintanilla-López, J.E. and Lebrón-Aguilar, R.
The hold-up time in gas chromatography. III. Linearity of the plot of $\ln t'_R$ of the *n*-alkanes vs. carbon number questioned 803(1998)197
- García-Domínguez, J.A., see Lebrón-Aguilar, R. 805(1998)161
- García-Glez, J.C., Méndez, R. and Martín-Villacorta, J.
Quantitative determination of semisynthetic cephamycins in human serum and urine by ion-exchange, reversed-phase and ion-pair chromatography 812(1998)197
- García-Glez, J.C., Méndez, R. and Martín-Villacorta, J.
Determination of piperacillin and mezlocillin in human serum and urine by high-performance liquid chromatography after derivatisation with 1,2,4-triazole 812(1998)213
- García-Risco, M.R., see López-Tapia, J. 836(1999)153
- Gardella, L., see Castello, G. 837(1999)153
- Gardiner, P.H.E., see Colina, M. 847(1999)285
- Garijo, J., see Rosillo, L. 847(1999)155
- Garret-Flaudy, F., see Eggert, M. 827(1998)269
- Garrigós, M.C., Reche, F., Pernías, K., Sánchez, A. and Jiménez, A.
Determination of some aromatic amines in finger-paints for children's use by supercritical fluid extraction combined with gas chromatography 819(1998)259
- Garrigues, P., see Budzinski, H. 837(1999)187
- Garrison, A.W., see Schmitt-Kopplin, Ph. 807(1998)101
- Gartzotti, M., see Rovatti, L. 819(1998)133
- Gaš, B., see Gogová, K. 838(1999)101
- Gaš, B., see Popelka, Š. 838(1999)45
- Gasa, S., see Yachida, Y. 813(1998)325
- Gastaldi, D., see Dosio, F. 830(1999)329
- Gastner, M., see Eiden, R. 809(1998)151
- Gatermann, R., see Kallenborn, R. 846(1999)295
- Gatta, M., see Casella, I.G. 814(1998)63
- Gatto, V.J., see Greene, S.V. 841(1999)45
- Gaucher, A., see Török, G. 846(1999)83
- Gaudinová, A., see Vaňková, R. 811(1998)77
- Gautrois, M. and Koppmann, R.
Diffusion technique for the production of gas standards for atmospheric measurements 848(1999)239
- Gavril, D., see Athanasopoulou, A. 845(1999)293
- Gavril, D. and Karaiskakis, G.
Study of the sorption of carbon monoxide, oxygen and carbon dioxide on platinum-rhodium alloy catalysts by a new gas chromatographic methodology 845(1999)67
- Gaydou, E.M., see Mouly, P.P. 844(1999)149
- Gazdiková, Š., see Kaniansky, D. 844(1999)349
- Gee, A.J., Groen, L.A. and Johnson, M.E.
Determination of fatty acid amides as trimethylsilyl derivatives by gas chromatography with mass spectrometric detection 849(1999)541
- Geiser, F., see McIninch, J.K. 828(1998)191
- Geldart, S.E. and Brown, P.R.
Analysis of nucleotides by capillary electrophoresis 828(1998)317
- Geldart, S.E. and Brown, P.R.
Separation of purine and pyrimidine bases by capillary zone electrophoresis with carbonate buffers 831(1999)123
- Gelencsér, A., see Felinger, A. 839(1999)129
- Gelencsér, A., see Krivácsy, Z. 834(1999)21
- Gelfi, C., see Righetti, P.G. 806(1998)97
- Gelfi, C., see Saccomani, A. 832(1999)225
- Gelfi, C., see Stellwagen, E. 838(1999)131
- Gelfi, C., see Stellwagen, N.C. 838(1999)179

- Genç, M. and Aslan, A.
Determination of *trans*-10-hydroxy-2-decenoic acid content in pure royal jelly and royal jelly products by column liquid chromatography 839(1999)265
- Generali, T., see Di Muccio, A. 833(1999)19
- Generali, T., see Di Muccio, A. 833(1999)61
- Gennaro, M.C., see Angelino, S. 845(1999)257
- Gentili, A., see D'Ascenzo, G. 813(1998)285
- Gentilini, A., Migliorini, C., Mazzotti, M. and Morbidelli, M.
Optimal operation of simulated moving-bed units for non-linear chromatographic separations. II. Bi-Langmuir isotherm 805(1998)37
- Genuit, W.J.L., see van der Doelen, G.A. 809(1998)21
- George, R., see Chen, E.C.M. 811(1998)250
- Gerberding, S.J. and Byers, C.H.
Preparative ion-exchange chromatography of proteins from dairy whey 808(1998)141
- Gere, D.R., see David, F. 842(1999)309
- Gerhardt, G.C., see Zhou, J. 839(1999)193
- Gesele, E., see Liebich, H.M. 843(1999)237
- Giacomelli, A., see Colombini, M.P. 846(1999)101
- Giacomelli, M., see Colombini, M.P. 846(1999)113
- Giannetti, L., see Draisici, R. 847(1999)213
- Giese, R.W., see Lan, Z.-H. 831(1999)325
- Giese, R.W., see Wang, P. 809(1998)211
- Giese, R.W., see Wang, Z. 806(1998)93
- Gillett, R.W., see Ayers, G.P. 824(1998)241
- Gillies, R.J.M., see Conder, J.R. 829(1998)201
- Giovannoli, C., see Zerbinati, O. 810(1998)193
- Giráldez, I., see Gómez-Ariza, J.L. 823(1998)259
- Giraudi, G., see Zerbinati, O. 810(1998)193
- Girod, M., see Krause, K. 837(1999)51
- Girolimetti, S., see Di Muccio, A. 833(1999)19
- Girolimetti, S., see Di Muccio, A. 833(1999)61
- Gîrzu, M., Fraisse, D., Carnat, A.-P., Carnat, A. and Lamaison, J.-L.
High-performance liquid chromatographic method for the determination of juglone in fresh walnut leaves 805(1998)315
- Gitto, R., see Rizzo, M. 846(1999)165
- Glasius, M., Duane, M. and Larsen, Bo R.
Determination of polar terpene oxidation products in aerosols by liquid chromatography–ion trap mass spectrometry 833(1999)121
- Glastrup, J.
Diazomethane preparation for gas chromatographic analysis 827(1998)133
- Glatt, H., see Landsiedel, R. 822(1998)29
- Glatz, Z., Bouchal, P., Janiczek, O., Mandl, M. and Česková, P.
Determination of rhodanese enzyme activity by capillary zone electrophoresis 838(1999)139
- Glausch, A., Hirsch, A., Lamparth, I. and Schurig, V.
Retention behaviour of polychlorinated biphenyls on polysiloxane-anchored C₆₀ in gas chromatography 809(1998)252
- Glaze, W.H., see Wang, K. 822(1998)207
- Glennon, J.D., see Casey, C.E. 804(1998)311
- Glennon, J.D., see Merly, C. 804(1998)187
- Gliszczyńska, A. and Koziolowa, A.
Chromatographic determination of flavin derivatives in baker's yeast 822(1998)59
- Głod, B.K., see Chen, Z.L. 818(1998)61
- Godejohann, M., see Benfenati, E. 831(1999)243
- Goessler, W., see Divjak, B. 844(1999)161
- Goessler, W., see Li, F. 830(1999)337
- Goger, B., see Wintersteiger, R. 846(1999)349
- Gogová, K., Zusková, I., Tesařová, E. and Gaš, B.
Electromigration behavior of metal ions in the presence of complexing polymer 838(1999)101
- Goheen, S.C. and Hilsenbeck, J.L.
High-performance ion-exchange chromatography and adsorption of plasma proteins 816(1998)89
- Goheen, S.C. and Hilsenbeck, J.L.
Erratum to "High-performance ion-exchange chromatography and adsorption of plasma proteins". [J. Chromatogr. A, 816 (1998) 89–96] 824(1998)135
- Göklen, K.E., see Roush, D.J. 827(1998)373
- Gökmen, V. and Acar, J.
Incidence of patulin in apple juice concentrates produced in Turkey 815(1998)99
- Gökmen, V. and Acar, J.
Simultaneous determination of 5-hydroxymethylfurfural and patulin in apple juice by reversed-phase liquid chromatography 847(1999)69
- Gole, A.M., Sathivel, C., Lachke, A. and Sastry, M.
Size separation of colloidal nanoparticles using a miniscale isoelectric focusing technique 848(1999)485
- Gombotz, W.R., see Balland, A. 846(1999)143
- Gomes, T. and Caponio, F.
Effort to improve the quantitative determination of oxidation and hydrolysis compound classes in edible vegetable oils 844(1999)77
- Gomez, F.A., see Heintz, J. 840(1999)261
- Gómez-Ariza, J.L., Pozas, J.A., Giráldez, I. and Morales, E.
Speciation of volatile forms of selenium and inorganic selenium in sediments by gas chromatography–mass spectrometry 823(1998)259
- Gómez-Cordovés, C., see Delgado, T. 815(1998)93
- Gong, A. and Ye, C.
Analysis of trace atrazine and simazine in environmental samples by liquid chromatography–fluorescence detection with pre-column derivatization reaction 827(1998)57
- Gonzalez, A.G., see Morales, M.L. 822(1998)45
- Gonzalez, A.G., see Morales, M.L. 831(1999)331
- Gonzalez, F.R.
Consistency of gas hold-up determinations 832(1999)165
- Gonzalez, F.R., Alessandrini, J.L. and Nardillo, A.M.
Considerations on the dependence of gas–liquid chromatographic retention of *n*-alkanes with the carbon number 810(1998)105
- Gonzalez, F.R. and Nardillo, A.M.
Retention index in temperature-programmed gas chromatography (Review) 842(1999)29
- Gonzalez, I., see Escobal, A. 823(1998)349
- González, M., Gallego, M. and Valcárcel, M.
Simultaneous gas chromatographic determination of food preservatives following solid-phase extraction 823(1998)321

- González, M., Gallego, M. and Valcárce, M.
Gas chromatographic flow method for the preconcentration and simultaneous determination of antioxidant and preservative additives in fatty foods 848(1999)529
- González, M.C., see Escarpa, A. 823(1998)331
- González, M.C., see Escarpa, A. 830(1999)301
- Gonzalez-Flesca, N., see Comes, P. 816(1998)195
- Gonzalez-Flesca, N., see Comes, P. 823(1998)171
- González-SanJosé, M.L., see Pérez-Magariño, S. 847(1999)75
- González-SanJosé, M.L., see Revilla, I. 847(1999)83
- González-Vila, F.J., see Bautista, J.M. 845(1999)365
- González-Vila, F.J., see del Río, J.C. 823(1998)457
- González-Vila, F.J., see del Río, J.C. 830(1999)227
- González-Vila, F.J., see Gutiérrez, A. 823(1998)449
- Gonzalo, A., see Muraviev, D. 802(1998)251
- Goodall, D.M., see Pokrić, B. 833(1999)231
- Goodall, D.M., see Roberts, M.A. 817(1998)353
- Gooijer, C., see de Beer, T. 811(1998)35
- Gooijer, C., Hoornweg, G.Ph., de Beer, T., Bader, A., van Iperen, D.J. and Brinkman, U.A.Th.
Detector cell based on plastic liquid-core waveguides suitable for aqueous solutions: one-to-two decades improved detection limits in conventional-size column liquid chromatography with absorption detection 824(1998)1
- Gooijer, C., see Kok, S.J. 806(1998)355
- Gooijer, C., see Somsen, G.W. 811(1998)1
- Gooley, A.A., see Lim, S. 827(1998)329
- Gooley, A.A., see Yan, J.X. 808(1998)23
- Gooley, A.A., see Yan, J.X. 813(1998)187
- Gorbunova, E.Yu., see Vagenina, I.V. 840(1999)281
- Gordon, N., see Whitney, D. 807(1998)165
- Gorelov, A.V., see Jacquier, J.-C. 817(1998)263
- Gorenstein, M.V., see Suortti, T. 828(1998)515
- Görgényi, M., see Héberger, K. 845(1999)21
- Görlach, E., see Richmond, R. 835(1999)29
- Gorton, L., see Torto, N. 806(1998)265
- Goss, J.D.
Improved liquid chromatography of salicylic acid and some related compounds on a phenyl column 828(1998)267
- Gotmar, G., Fornstedt, T. and Guiochon, G.
Peak tailing and mass transfer kinetics in linear chromatography. Dependence on the column length and the linear velocity of the mobile phase 831(1999)17
- Goto, H., see Lin, J.-M. 844(1999)341
- Goto, J., see Momose, T. 803(1998)121
- Goto, J., see Momose, T. 811(1998)171
- Goto, M., see Esaka, Y. 822(1998)107
- Gotti, R., see Andrisano, V. 803(1998)189
- Gotti, R., Cavrini, V., Andrisano, V. and Mascellani, G.
Dermatan sulfate as useful chiral selector in capillary electrophoresis 814(1998)205
- Gotti, R., Cavrini, V., Andrisano, V. and Mascellani, G.
Semisynthetic chondroitins as chiral buffer additives in capillary electrophoresis 845(1999)247
- Gotti, R., see Makamba, H. 818(1998)43
- Gotti, R., Pomponio, R., Andrisano, V. and Cavrini, V.
Analytical study of penicillamine in pharmaceuticals by capillary zone electrophoresis 844(1999)361
- Goutx, M., see Striby, L. 849(1999)371
- Grabanski, C.B., see Hawthorne, S.B. 814(1998)151
- Grabanski, C.B., see van Doorn, H. 829(1998)223
- Grainger, J., see Otsuka, K. 817(1998)75
- Grainger, J., see Smith, C.J. 803(1998)241
- Granados, M., see Graupera, E. 846(1999)413
- Granados, M., see Leal, C. 809(1998)39
- Granda, M., see Bermejo, J. 849(1999)507
- Gras, H., see Mokrzycki, N. 839(1999)57
- Grasserbauer, M., see Alonso, M.C. 823(1998)231
- Grasserbauer, M., see Haberhauer-Troyer, C. 848(1999)305
- Grasserbauer, M., see Hallama, R.A. 809(1998)47
- Grasserbauer, M., see Rosenberg, E. 819(1998)277
- Grasso, P., Benfenati, E., Terreni, M., Pregnolato, M., Natangelo, M. and Pagan, G.
Deuterated internal standards for gas chromatographic-mass spectrometric analysis of polar organophosphorus pesticides in water samples 822(1998)91
- Graupera, E., Leal, C., Granados, M., Prat, M.D. and Compañó, R.
Determination of tributyltin and triphenyltin in sediments by liquid chromatography with fluorimetric detection. Assessment of spiking procedures 846(1999)413
- Gray, A.L. and Hsu, J.T.
Novel sulfonic acid-modified Starburst dendrimer used as a pseudostationary phase in electrokinetic chromatography 824(1998)119
- Gray, C., see Fountoulakis, M. 806(1998)279
- Greally, B.R., Nickless, G., Simmonds, P.G., Woodward, M. and de Zeeuw, J.
Separation of mixed halocarbons of environmental interest on a new type of silica-based porous-layer open tubular capillary gas chromatographic column 810(1998)119
- Green, S.A., see St. John, W.P. 807(1998)241
- Green, T.K., see Valenzuela, F.A. 802(1998)395
- Greene, S.V. and Gatto, V.J.
Size-exclusion chromatography method for characterizing low-molecular-mass antioxidant lubricant additives 841(1999)45
- Greenwell, P., see Day, L. 836(1999)147
- Greibrikk, T., see Brede, C. 849(1999)553
- Greibrikk, T., see Molander, P. 847(1999)59
- Greibrikk, T., see Trones, R. 814(1998)55
- Greibrikk, T., see Trones, R. 835(1999)105
- Grewal, A., see Erdjument-Bromage, H. 826(1998)167
- Gridelet, A.C., see Windal, I. 819(1998)187
- Griffini, O., see Bao, M.-I. 809(1998)75
- Grill, C.M. and Miller, L.
Separation of a racemic pharmaceutical intermediate using closed-loop steady state recycling 827(1998)359
- Grimalt, J.O., see Berdié, L. 823(1998)373
- Grimalt, J.O., see Carrera, G. 823(1998)189
- Grimalt, J.O., see Chaler, R. 823(1998)73
- Grimalt, J.O., see Comes, P. 816(1998)195
- Grimalt, J.O., see Comes, P. 823(1998)171
- Grimm, V., see Levison, P.R. 827(1998)337
- Grimsrud, E.P., see Engen, M.A. 848(1999)261
- Grimvall, A., see Laniewski, K. 826(1998)201
- Grobet, P.J., see Defloor, I. 803(1998)103
- Groen, L.A., see Gee, A.J. 849(1999)541
- Grosse, J., see Müller, R.K. 843(1999)275

- Grübler, G., see Voelter, W. 807(1998)135
- Grynkiewicz, G., Zagrodzka, J. and Priebe, W.
Enantioselective high-performance liquid chromatography
of chiral intermediates in the total synthesis of 4-
demethoxydaunomycinone 830(1999)191
- Guan-Sajonz, H., see Koh, J.-H. 813(1998)223
- Guardino, X., Obiols, J., Rosell, M.G., Farran, A. and Serra, C.
Determination of chlorpyrifos in air, leaves and soil from a
greenhouse by gas-chromatography with nitrogen-
phosphorus detection, high-performance liquid
chromatography and capillary electrophoresis 823(1998)91
- Guardiola, F., see Rafecas, M. 822(1998)305
- Guasch, J., see Mestres, M. 808(1998)211
- Guasch, J., see Mestres, M. 835(1999)137
- Guasch, J., see Mestres, M. 849(1999)293
- Gübitz, G., see Schmid, M.G. 846(1999)157
- Guégan, J.-P., see Bouchereau, A. 836(1999)209
- Guentas, L., see Pirlet, A.-S. 826(1998)157
- Guentas, L., see Pirlet, A.-S. 841(1999)1
- Guillaume, Y.C., see Morin, N. 808(1998)51
- Guillaume, Y.C., see Peyrin, E. 808(1998)113
- Guillaume, Y.C., see Peyrin, E. 849(1999)563
- Guinchard, C., see Peyrin, E. 808(1998)113
- Guiochon, G., see Broyles, B.S. 822(1998)173
- Guiochon, G., Drumm, E. and Cherrak, D.
Evidence of a wall friction effect in the consolidation of
beds of packing materials in chromatographic columns
835(1999)41
- Guiochon, G., see Farkas, T. 849(1999)35
- Guiochon, G., see Gotmar, G. 831(1999)17
- Guiochon, G., see Kele, M. 830(1999)41
- Guiochon, G., see Kele, M. 830(1999)55
- Guiochon, G., see Koh, J.-H. 813(1998)223
- Guiochon, G., see Mihlbachler, K. 818(1998)155
- Guiochon, G., see Miyabe, K. 830(1999)29
- Guiochon, G., see Miyabe, K. 830(1999)263
- Guiochon, G., see Miyabe, K. 849(1999)445
- Guiochon, G., see Quiñones, I. 849(1999)45
- Guiochon, G., see Rearden, P. 813(1998)1
- Guiochon, G., see Sajonz, P. 810(1998)1
- Guiochon, G., see Shalliker, R.A. 826(1998)1
- Guiochon, G., see Smith, M.S. 827(1998)241
- Guiochon, G., see Williams, R.L. 814(1998)199
- Guiochon, G., see Yun, T. 828(1998)19
- Guisán, J.M., see Armisen, P. 848(1999)61
- Guiteras, J., see Beltrán, J.L. 802(1998)263
- Gunaratna, C. and Kissinger, P.T.
Investigation of stereoselective metabolism of amphetamine
in rat liver microsomes by microdialysis and liquid
chromatography with precolumn chiral derivatization
828(1998)95
- Gundersen, T.E., see Molander, P. 847(1999)59
- Gundersen, T.E., see Sakhni, A.K. 828(1998)451
- Guo, B., see Zhang, H. 809(1998)65
- Guo, W., Koropchak, J.A. and Yan, C.
Sensitive, universal detection for capillary
electrochromatography using condensation nucleation light
scattering detection 849(1999)587
- Guo, X. and Mitra, S.
Development of pulse introduction membrane extraction for
analysis of volatile organic compounds in individual
aqueous samples, and for continuous on-line monitoring
826(1998)39
- Guo, Y., see Luong, J.H.T. 811(1998)225
- Guo, Y.-H., see Sato, K. 811(1998)69
- Gupta, M.M., see Srivastava, S. 841(1999)123
- Gurdale, K., see Lesellier, E. 844(1999)307
- Gurevich, K.B., see Roshchina, T.M. 844(1999)225
- Gustavo González, A., see Bautista, J.M. 845(1999)365
- Gustavsson, M., see Kronqvist, K. 823(1998)401
- Gustavsson, P.-E., Axelsson, A. and Larsson, P.-O.
Superporous agarose beads as a hydrophobic interaction
chromatography support 830(1999)275
- Gustavsson, P.-E. and Larsson, P.-O.
Continuous superporous agarose beds for chromatography
and electrophoresis 832(1999)29
- Guthrie, E.J., see Ji, Z. 842(1999)115
- Gutierrez, A., see Bautista, J.M. 845(1999)365
- Gutiérrez, A., del Río, J.C., González-Vila, F.J. and Martín, F.
Analysis of lipophilic extractives from wood and pitch
products by solid-phase extraction and gas chromatography
823(1998)449
- Gutiérrez, A., see del Río, J.C. 823(1998)457
- Gutiérrez, A., see del Río, J.C. 830(1999)227
- Gutierrez, M.C., Rubio, J., Rubio, F. and Oteo, J.L.
Inverse gas chromatography: a new approach to the
estimation of specific interactions 845(1999)53
- Gutsche, B., see Feurle, J. 803(1998)111
- Guttman, A., see Barta, C. 817(1998)281
- Guttman, A., Barta, C., Szóke, M., Sasvári-Székely, M. and
Kalász, H.
Real-time detection of allele-specific polymerase chain
reaction products by automated ultra-thin-layer agarose gel
electrophoresis 828(1998)481
- Guttman, A., see Szóke, M. 830(1999)465
- Guyot, D., see Preu, M. 818(1998)95
- Guzmán, R., see Tejeda, A. 830(1999)293
- Gyllenhaal, O. and Vessman, J.
Potential of packed column supercritical fluid
chromatography for the separation of metoprolol from
closely related compounds 839(1999)141
- Gysler, J., Mazereeuw, M., Helk, B., Heitzmann, M., Jaehde,
U., Schunack, W., Tjaden, U.R. and van der Greef, J.
Utility of isotachophoresis-capillary zone electrophoresis,
mass spectrometry and high-performance size-exclusion
chromatography for monitoring of interleukin-6 dimer
formation 841(1999)63

H

- Haas, C., see Molander, P. 847(1999)59
- Haas, R., see Schmidt, T.C. 810(1998)161
- Haberer, K., see Hirsch, R. 815(1998)213
- Haberhauer-Troyer, C., Rosenberg, E. and Grasserbauer, M.
Evaluation of solid-phase microextraction for sampling of volatile organic sulfur compounds in air for subsequent gas chromatographic analysis with atomic emission detection 848(1999)305
- Habiger, K., see Bartsch, H. 846(1999)207
- Haddad, P.R., see Doble, P. 804(1998)327
- Haddad, P.R., see Doble, P. 834(1999)189
- Haddad, P.R., see Fagan, P.A. 804(1998)249
- Haddad, P.R., see Harakuwe, A.H. 834(1999)213
- Haddad, P.R., see Havel, J. 850(1999)345
- Haddad, P.R., see Hu, W. 850(1999)161
- Haddad, P.R., see Macka, M. 803(1998)279
- Haddad, P.R., see Madden, J.E. 829(1998)65
- Haddad, P.R., see Madden, J.E. 837(1999)65
- Haddad, P.R., see Madden, J.E. 850(1999)29
- Haddad, P.R., see Ng, K.L. 850(1999)17
- Haddad, P.R., see Ohta, K. 804(1998)171
- Haddad, P.R., see Paull, B. 804(1998)95
- Haddad, P.R., see Ramadan, Z. 804(1998)29
- Haddad, P.R., see Tanaka, K. 804(1998)179
- Haddad, P.R., see Tanaka, K. 850(1999)311
- Haddad, P.R., see Vachirapatama, N. 850(1999)257
- Hadjmohammadi, M., see Khaledi, M.G. 802(1998)35
- Hageman, K.J., see Hawthorne, S.B. 814(1998)151
- Haginaka, J., Matsunaga, H. and Tsukamoto, T.
Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein. III. Effect of aggregation of ovoglycoprotein on chiral resolution 830(1999)81
- Haginaka, J., Okazaki, Y. and Matsunaga, H.
Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein. V. Influence of immobilization method on chiral resolution 840(1999)171
- Haginaka, J., Takehira, H., Hosoya, K. and Tanaka, N.
Molecularly imprinted uniform-sized polymer-based stationary phase for naproxen. Comparison of molecular recognition ability of the molecularly imprinted polymers prepared by thermal and redox polymerization techniques 816(1998)113
- Haginaka, J., Takehira, H., Hosoya, K. and Tanaka, N.
Uniform-sized molecularly imprinted polymer for (*S*)-naproxen selectively modified with hydrophilic external layer 849(1999)331
- Hagmann, M.-L., Kionka, C., Schreiner, M. and Schwer, C.
Characterization of the F(ab')₂ fragment of a murine monoclonal antibody using capillary isoelectric focusing and electrospray ionization mass spectrometry 816(1998)49
- Hajšlová, J., see Kotal, F. 830(1999)219
- Hajšlová, J., see Radová, Z. 829(1998)259
- Hajšlová, J., see Tomaniová, M. 827(1998)21
- Haken, J.K.
Pyrolysis gas chromatography of synthetic polymers – a bibliography 825(1998)171
- Häkkinen, S. and Auriola, S.
High-performance liquid chromatography with electrospray ionization mass spectrometry and diode array ultraviolet detection in the identification of flavonol aglycones and glycosides in berries 829(1998)91
- Hall, D.R. and Winzor, D.J.
Reassessment of the calibration constant for the IAsys biosensor 844(1999)395
- Hall, E.R., see Bérubé, P.R. 830(1999)485
- Hallama, R.A., Rosenberg, E. and Grasserbauer, M.
Development and application of a thermal desorption method for the analysis of polar volatile organic compounds in workplace air 809(1998)47
- Haller, M., see Tolls, J. 839(1999)109
- Halling, J., see Niederhauser, T.L. 804(1998)69
- Hamáček, J. and Havel, J.
Determination of platinum(II,IV) and palladium(II) as thiocyanate complexes by capillary zone electrophoresis. Analysis of carboplatin and similar drugs 834(1999)321
- Hamada, H., see Miura, Y. 850(1999)153
- Hamada, J.S., Spanier, A.M., Bland, J.M. and Diack, M.
Preparative separation of value-added peptides from rice bran proteins by high-performance liquid chromatography 827(1998)319
- Hamase, K., see Iinuma, F. 835(1999)67
- Hamburger, M., see Benthin, B. 837(1999)211
- Hamdan, I.I., Skellern, G.G. and Waigh, R.D.
Separation of pd(GC)₁₂ from pd(AT)₁₂ by free solution capillary electrophoresis 806(1998)165
- Hamdan, M., see Rovatti, L. 819(1998)133
- Hamel, B., Audran, M., Costa, P. and Bressolle, F.
Reversed-phase high-performance liquid chromatographic determination of enoxacin and 4-oxo-enoxacin in human plasma and prostatic tissue. Application to a pharmacokinetic study 812(1998)369
- Hammes, W., Büchsler, U., Kinder, P. and Bökens, H.
Simultaneous determination of prostaglandin E₁, prostaglandin E₀ and 15-keto-prostaglandin E₀ in human plasma by gas chromatography/negative-ion chemical-ionization tandem mass spectrometry 847(1999)187
- Hamrnková, I., Mikšík, I., Deyl, Z. and Kašicka, V.
Binding of proline- and hydroxyproline-containing peptides and proteins to the capillary wall 838(1999)167
- Han, S.-Y., see Kim, Y.-O. 850(1999)369
- Hancock, J.R., see D'Agostino, P.A. 808(1998)177
- Hancock, J.R., see D'Agostino, P.A. 837(1999)93
- Hancock, J.R., see D'Agostino, P.A. 840(1999)289
- Hancock, W.S., see Apffel, A. 832(1999)149
- Hancock, W.S., see Fleming, C.M. 849(1999)71
- Häni, H., see Berset, J.D. 823(1998)179
- Hankemeier, T., see Dalluge, J. 830(1999)377
- Hankemeier, T., Kok, S.J., Vreuls, R.J.J. and Brinkman, U.A.Th.
Monitoring the actual carrier gas flow during large-volume on-column injections in gas chromatography as a means to automate closure of the solvent vapour exit 811(1998)105

- Hankemeier, T., Kok, S.J., Vreuls, R.J.J. and Brinkman, U.A.Th.
Optimization of large-volume on-column injection
conditions in gas chromatography by monitoring the actual
carrier gas flow 841(1999)75
- Hankemeier, T., van Leeuwen, S.P.J., Vreuls, R.J.J. and
Brinkman, U.A.Th.
Use of a presolvent to include volatile organic analytes in
the application range of on-line solid-phase extraction-gas
chromatography-mass spectrometry 811(1998)117
- Hanley, H.J.M., see Bruno, T.J. 844(1999)191
- Hannan, R.M., see Wu, C. 811(1998)157
- Hanning, A., see Lindberg, P. 809(1998)181
- Hansen, E., see Mollerup, J. 827(1998)235
- Hansen, E. and Mollerup, J.
Application of the two-film theory to the determination of
mass transfer coefficients for bovine serum albumin on
anion-exchange columns 827(1998)259
- Hansen, S.H., see Helboe, T. 836(1999)315
- Hansen, S.H., see Vander Heyden, Y. 830(1999)3
- Harada, K.-i., see Oka, H. 812(1998)35
- Harada, K.-i., see Oka, H. 812(1998)309
- Harada, K.-i., see Oka, H. 813(1998)71
- Harakuwe, A.H. and Haddad, P.R.
Control of separation selectivity in capillary zone
electrophoresis of inorganic anions 834(1999)213
- Haramaki, Y., see Horie, M. 812(1998)295
- Hardas, N.R., Adam, R. and Uden, P.C.
Alkene determination by bromination and gas
chromatography with element-selective atomic plasma
spectroscopic detection 844(1999)249
- Hardas, N.R. and Uden, P.C.
Empirical formulae studies of chlorofluorocarbons using
gas chromatography coupled to atomic emission detection
844(1999)271
- Harding, D.R.K., see Burton, S.C. 814(1998)71
- Hardouin, F., see Terrien, I. 810(1998)19
- Hardy, S., Jones, P., Rivello, J.M. and Avdalovic, N.
Construction and investigation of a post-capillary reactor
for trace metal analysis by capillary electrophoresis
834(1999)309
- Häring, H.-U., see Wahl, H.G. 847(1999)1
- Harting, P., see Pörschmann, J. 816(1998)221
- Hartwig, H., see Börner, K. 846(1999)175
- Harvey-White, J.D., see Liu, H. 828(1998)383
- Hasebe, K., see Hu, W. 850(1999)161
- Hasebe, K., see Tanaka, K. 850(1999)187
- Hasebe, K., see Tanaka, K. 850(1999)311
- Hashimoto, M., Tsukagoshi, K., Nakajima, R. and Kondo, K.
Compact detection cell using optical fiber for sensitization
and simplification of capillary electrophoresis-
chemiluminescence detection 832(1999)191
- Hashimoto, Y., see Mao, Q. 802(1998)203
- Hashimoto, Y., see Safni, 850(1999)65
- Hashimoto, Y., see Takeuchi, T. 804(1998)79
- Hassett, A.J. and Rohwer, E.R.
Analysis of odorous compounds in water by isolation by
closed-loop stripping with a multichannel silicone rubber
trap followed by gas chromatography-mass spectrometry
849(1999)521
- Hatcher, P.G., see del Rio, J.C. 823(1998)433
- Hathi, P., see Levison, P.R. 816(1998)107
- Hathi, P., see Levison, P.R. 827(1998)337
- Haupt, K., see Boulis, Y. 805(1998)285
- Hauser, P.C., see Kappes, T. 834(1999)89
- Hautman, D.P., see Wagner, H.P. 850(1999)119
- Havel, J., Breadmore, M., Macka, M. and Haddad, P.R.
Artificial neural networks for computer-aided modelling
and optimisation in micellar electrokinetic chromatography
850(1999)345
- Havel, J., see Farková, M. 848(1999)365
- Havel, J., see Fetsch, D. 802(1998)189
- Havel, J., see Fetsch, D. 817(1998)313
- Havel, J., see Hamáček, J. 834(1999)321
- Havel, J., see Revilla, A.L. 836(1999)67
- Havel, J., see Sánchez, J.M. 834(1999)329
- Havel, J., see Vargas, M.G. 802(1998)121
- Havenga, W.J. and Rohwer, E.R.
Chemical characterization and screening of hydrocarbon
pollution in industrial soils by headspace solid-phase
microextraction 848(1999)279
- Havránek, E., see Valášková, I. 836(1999)201
- Hawthorne, S.B., Grabanski, C.B., Hageman, K.J. and Miller,
D.J.
Simple method for estimating polychlorinated biphenyl
concentrations on soils and sediments using subcritical
water extraction coupled with solid-phase microextraction
814(1998)151
- Hawthorne, S.B., see Schantz, M.M. 816(1998)213
- Hawthorne, S.B., see van Doorn, H. 829(1998)223
- Hawthorne, S.B., see Yang, Yu. 810(1998)149
- Hayakawa, J., see Ito, Y. 810(1998)81
- Hayakawa, J., see Oka, H. 813(1998)71
- Hayakawa, K., Hirano, M., Yoshikawa, K., Katsumata, N. and
Tanaka, T.
Separation of phenylthiohydantoin-amino acids by
temperature-controlled reversed-phase high-performance
liquid chromatography 846(1999)73
- Hayakawa, K., see Yamamoto, A. 804(1998)305
- Hayashi, Y., see Katsumine, M. 833(1999)97
- Haynes, III, J.L., Shamsi, S.A., O'Keefe, F., Darcey, R. and
Warner, I.M.
Cationic β -cyclodextrin derivative for chiral separations
803(1998)261
- Hayward-Lester, A., see Doris, P.A. 806(1998)47
- He, K., see Shao, Y. 825(1998)1
- He, X.-G., see Lin, L.-Z. 810(1998)71
- He, X.-G., Lin, L.-Z., Bernart, M.W. and Lian, L.-Z.
Analysis of alkamides in roots and achenes of *Echinacea*
purpurea by liquid chromatography-electrospray mass
spectrometry 815(1998)205
- He, X.-G., Lin, L.-Z., Lian, L.-Z. and Lindenmaier, M.
Liquid chromatography-electrospray mass spectrometric
analysis of curcuminoids and sesquiterpenoids in turmeric
(*Curcuma longa*) 818(1998)127
- He, Y. and Lee, H.K.
Trace analysis by combined use of off-line solid-phase
extraction, on-column sample focusing and U-shape flow
cell in capillary liquid chromatography 808(1998)79

- Héberger, K. and Görgényi, M.
Principal component analysis of Kováts indices for carbonyl compounds in capillary gas chromatography
845(1999)21
- Héberger, K., see Keszler, Á. 845(1999)337
- Héberger, K. and Kowalska, T.
Thermodynamic significance of boiling point correlations for alkylbenzenes in gas chromatography. Extension of Trouton's rule
845(1999)13
- Hecker, R., Fawell, P.D., Jefferson, A. and Farrow, J.B.
Flow field-flow fractionation of high-molecular-mass polyacrylamide
837(1999)139
- Hedeland, M., Isaksson, R. and Pettersson, C.
Cellobiohydrolase I as a chiral additive in capillary electrophoresis and liquid chromatography
807(1998)297
- Hegazi, M.M., Pérez-Ruzafa, A., Almela, L. and Candela, M.-E.
Separation and identification of chlorophylls and carotenoids from *Caulerpa prolifera*, *Jania rubens* and *Padina pavonica* by reversed-phase high-performance liquid chromatography
829(1998)153
- Height, M.J., Kennedy, E.M. and Dlugogorski, B.Z.
Thermal conductivity detection relative molar response factors for halogenated compounds
841(1999)187
- Heinig, K., see Hissner, F. 848(1999)503
- Heintz, J., Hernandez, M. and Gomez, F.A.
Use of a partial-filling technique in affinity capillary electrophoresis for determining binding constants of ligands to receptors
840(1999)261
- Heintz, L., see Kjellström, S. 823(1998)489
- Heinzen, V.E.F., Soares, M.F. and Yunes, R.A.
Semi-empirical topological method for the prediction of the chromatographic retention of *cis*- and *trans*-alkene isomers and alkanes
849(1999)495
- Heitzmann, M., see Gysler, J. 841(1999)63
- Hela, D.G., see Albanis, T.A. 823(1998)59
- Helboe, T. and Hansen, S.H.
Separation of nucleosides using capillary electrochromatography
836(1999)315
- Heldin, E., see Sandberg, A. 828(1998)149
- Helk, B., see Gysler, J. 841(1999)63
- Heller, C., Slater, G.W., Mayer, P., Dovichi, N., Pinto, D., Viovy, J.-L. and Drouin, G.
Free-solution electrophoresis of DNA
806(1998)113
- Helming, D.
Air analysis by gas chromatography (Review)
843(1999)129
- Heng, H.H.Q. and Tsui, L.C.
High resolution free chromatin/DNA fiber fluorescent in situ hybridization
806(1998)219
- Henkel, T., see Stadler, M. 818(1998)187
- Hennebicq, S., see Boulis, Y. 805(1998)285
- Hennion, M.-C., see Bouzige, M. 823(1998)197
- Hennion, M.-C., see Bouzige, M. 846(1999)317
- Hennion, M.-C., Cau-Dit-Coumes, C. and Pichon, V.
Trace analysis of polar organic pollutants in aqueous samples. Tools for the rapid prediction and optimisation of the solid-phase extraction parameters
823(1998)147
- Hennion, M.-C., see Miége, C. 823(1998)219
- Henshall, A., see Siu, D.C. 804(1998)157
- Henzelin, M., see Diserens, H. 833(1999)13
- Heo, G.S., see Kim, D.H. 824(1998)63
- Her, G.-R., see Tsai, C.-Y. 813(1998)379
- Herbert, B.R., see Yan, J.X. 813(1998)187
- Herderich, M., see Becker, M. 818(1998)260
- Herderich, M., see Bringmann, G. 810(1998)231
- Herderich, M., see Feurle, J. 803(1998)111
- Hermens, J.L.M., see Verbruggen, E.M.J. 835(1999)19
- Hernández, E.J.A., see Casado, A.G. 826(1998)49
- Hernandez, F., see Beltran, J. 808(1998)257
- Hernández, F., see Hidalgo, C. 823(1998)121
- Hernández, F., see López, F.J. 823(1998)23
- Hernandez, M., see Heintz, J. 840(1999)261
- Herod, A.A., see Deelchand, J.-P. 830(1999)397
- Herod, A.A., see Lazaro, M.J. 840(1999)107
- Héron, S. and Tchapla, A.
Comparison of the responses of triacylglycerols with an evaporative visible light scattering detector used in conventional, micro and capillary liquid chromatography
848(1999)95
- Herraiz, M., see Blanch, G.P. 818(1998)77
- Herrera, E., see Rupérez, F.J. 823(1998)483
- Herrera, E., see Rupérez, F.J. 839(1999)93
- Herrera, J.A., see Lopez-Canovas, L. 806(1998)187
- Hetper, J. and Sobera, M.
Thermal degradation of novolac resins by pyrolysis-gas chromatography with a movable reaction zone
833(1999)277
- Hettiarachchi, K. and Ridge, S.
Capillary electrophoretic determination of acetic acid and trifluoroacetic acid in synthetic peptide samples
817(1998)153
- Hettiarachchi, K., see Ridge, S. 817(1998)215
- Heuer, C., Küsters, E., Plattner, T. and Seidel-Morgenstern, A.
Design of the simulated moving bed process based on adsorption isotherm measurements using a perturbation method
827(1998)175
- Hewitt, S.A., see Kennedy, D.G. 812(1998)77
- Hewitt, S.A., see Kennedy, D.G. 812(1998)327
- Heyraud, A., see Pirlet, A.-S. 826(1998)157
- Heyraud, A., see Pirlet, A.-S. 841(1999)1
- Hibbert, D.B., see Ramadan, Z. 804(1998)29
- Hidalgo, C., Sancho, J.V., López, F.J. and Hernández, F.
Automated determination of phenylcarbamate herbicides in environmental waters by on-line trace enrichment and reversed-phase liquid chromatography-diode array detection
823(1998)121
- Hiermann, A. and Radl, B.
Analysis of aromatic plant acids by capillary zone electrophoresis
803(1998)311
- Higashi, K., see Fukushi, K. 802(1998)211
- Higashi, K., see Fukushi, K. 838(1999)303
- Higashi, K., see Takeda, S. 817(1998)59
- Hiro, K., see Fukushi, K. 802(1998)211
- Hiro, K., see Fukushi, K. 838(1999)303
- Hill, D.W., see Dolan, J.W. 803(1998)1
- Hill, H.H., see Okembo, A.A. 844(1999)387
- Hill Jr., H.H., see Lee, D.-S. 822(1998)1
- Hill, Jr., H.H., see Wu, C. 811(1998)157
- Hill, S.J., see Sutton, R.M.C. 816(1998)286

- Hillis, J., see McClean, S. 838(1999)273
- Hilmi, A., Luong, J.H.T. and Nguyen, A.-L.
Determination of explosives in soil and ground water by liquid chromatography–amperometric detection 844(1999)97
- Hilsenbeck, J.L., see Goheen, S.C. 816(1998)89
- Hilsenbeck, J.L., see Goheen, S.C. 824(1998)135
- Hino, T., Nakanishi, S., Maeda, T. and Hobo, T.
Determination of very volatile organic compounds in environmental water by injection of a large amount of headspace gas into a gas chromatograph 810(1998)141
- Hiraiwa, T., see Yamamoto, N. 819(1998)177
- Hirano, M., see Hayakawa, K. 846(1999)73
- Hiraoka, A., Arato, T., Tominaga, I., Eguchi, N., Oda, H. and Urade, Y.
Sodium dodecyl sulfate–capillary gel electrophoretic analysis of molecular mass microheterogeneity of β -trace protein in cerebrospinal fluid from patients with central nervous system diseases 802(1998)143
- Hirata, H., see Momose, T. 803(1998)121
- Hirata, Y., see Kawakura, H. 815(1998)225
- Hirayama, T., see Watanabe, T. 839(1999)41
- Hirokawa, T., see Ikuta, N. 802(1998)49
- Hirokawa, T., see Ikuta, N. 838(1999)19
- Hirokawa, T., see Mao, Q. 802(1998)203
- Hirsch, A., see Glausch, A. 809(1998)252
- Hirsch, R., Ternes, T.A., Haberer, K., Mehlich, A., Ballwanz, F. and Kratz, K.-L.
Determination of antibiotics in different water compartments via liquid chromatography–electrospray tandem mass spectrometry 815(1998)213
- Hisamatu, Y., see Tahara, S.-i. 848(1999)465
- Hissner, F., Mattusch, J. and Heinig, K.
Quantitative determination of sulfur-containing anions in complex matrices with capillary electrophoresis and conductivity detection 848(1999)503
- Hjertén, S., see Maruška, A. 837(1999)25
- Hjorth, R., see Ljunglöf, A. 844(1999)129
- Hjorth, R., see Willoughby, N.A. 840(1999)195
- Hlavay, J., see Krivácsy, Z. 834(1999)21
- Ho, A.M. and Yeung, E.S.
Capillary electrophoretic study of individual exocytotic events in single mast cells 817(1998)377
- Ho, L.-K., see Ku, Y.-R. 848(1999)537
- Hobo, T., see Chen, Z. 813(1998)369
- Hobo, T., see Hino, T. 810(1998)141
- Hobo, T., see Nonomura, M. 804(1998)151
- Hocart, C.H., Wang, J. and Letham, D.S.
Derivatives of cytokinins for negative ion mass spectrometry 811(1998)246
- Hodges, R.S., see Mant, C.T. 816(1998)65
- Hodges, R.S., see Mant, C.T. 816(1998)79
- Hoffer, L., Schwinn, H. and Josić, D.
Production of highly purified clotting factor IX by a combination of different chromatographic methods 844(1999)119
- Hoffmann, A., see Wahl, H.G. 847(1999)1
- Hoffmann, A., see Wahl, H.G. 847(1999)117
- Hoffmann, R., Bril, G. and Otvos, L.
Prediction of retention times of peptide nucleic acids during reversed-phase high-performance liquid chromatography 814(1998)111
- Hofte, A.J.P., see Theodoridis, G. 802(1998)297
- Hogenboom, A.C., see de Koning, J.A. 813(1998)55
- Hogenboom, A.C., Niessen, W.M.A. and Brinkman, U.A.Th.
On-line solid-phase extraction–short-column liquid chromatography combined with various tandem mass spectrometric scanning strategies for the rapid study of transformation of pesticides in surface water 841(1999)33
- Hogendoorn, E.A., Ossendrijver, F.M., Dijkman, E. and Baumann, R.A.
Rapid determination of glyphosate in cereal samples by means of pre-column derivatisation with 9-fluorenylmethyl chloroformate and coupled-column liquid chromatography with fluorescence detection 833(1999)67
- Holadová, K., see Kotal, F. 830(1999)219
- Holadová, K., see Radová, Z. 829(1998)259
- Holadová, K., see Tomaniová, M. 827(1998)21
- Holčapek, M., see Jandera, P. 813(1998)299
- Holík, J., see Vaňková, R. 811(1998)77
- Hollender, J., see Lutermann, C. 811(1998)151
- Hollender, J., see Lutermann, C. 816(1998)201
- Holm, T.
Aspects of the mechanism of the flame ionization detector (Review) 842(1999)221
- Holzer, R., see Berset, J.D. 823(1998)179
- Holzgrabe, U., see Thunhorst, M. 818(1998)239
- Homma, H., see Iida, T. 813(1998)267
- Honda, D., see Miller, L. 849(1999)309
- Honda, D., see Orihuela, C. 827(1998)193
- Honda, F., Honda, H., Koishi, M. and Matsuno, T.
Properties of cattle bone powder-coated composite particles as high-performance and open column liquid chromatographic column packings 813(1998)21
- Honda, H., see Honda, F. 813(1998)21
- Honda, N.K., see Cardoso, C.A.L. 808(1998)264
- Honda, S., see Taga, A. 802(1998)243
- Honda, S., see Taga, A. 822(1998)271
- Honda, S., see Taga, A. 837(1999)221
- Honda, S., see Taga, A. 839(1999)157
- Honda, S., Togashi, K., Uegaki, K. and Taga, A.
Enhancement of the zone electrophoretic separation of 1-phenyl-3-methyl-5-pyrazolone derivatives of aldoses as borate complexes by concerted ion-interaction electrokinetic chromatography with Polybrene 805(1998)277
- Hong, S. and Lemley, A.T.
Gas chromatographic–mass spectrometric determination of alachlor and its degradation products by direct aqueous injection 822(1998)253
- Hoogmartens, J., see Adams, E. 812(1998)151
- Hoogmartens, J., see Adams, E. 819(1998)93
- Hoogmartens, J., see Li, Y.M. 812(1998)227
- Hoogmartens, J., see Orwa, J.A. 829(1998)161
- Hoogmartens, J., see Roets, E. 812(1998)303
- Hoogmartens, J., see Vander Heyden, Y. 830(1999)3
- Hoogmartens, J., see Vander Heyden, Y. 845(1999)145

- Hooijsschuur, E.W.J., Kientz, C.E. and Brinkman, U.A.Th.
Determination of the sulfur mustard hydrolysis product thiodiglycol by microcolumn liquid chromatography coupled on-line with sulfur flame photometric detection using large-volume injections and peak compression 849(1999)433
- Hoornweg, G.P., see Kok, S.J. 806(1998)355
- Hoornweg, G.Ph., see de Beer, T. 811(1998)35
- Hoornweg, G.Ph., see Gooijer, C. 824(1998)1
- Hopper, M.L.
Automated one-step supercritical fluid extraction and clean-up system for the analysis of pesticide residues in fatty matrices 840(1999)93
- Horie, H. and Kohata, K.
Application of capillary electrophoresis to tea quality estimation 802(1998)219
- Horie, H., see Nakakuki, H. 848(1999)523
- Horie, H., Yamauchi, Y. and Kohata, K.
Analysis of organic anions in tea infusions using capillary electrophoresis 817(1998)139
- Horie, M., Saito, K., Ishii, R., Yoshida, T., Haramaki, Y. and Nakazawa, H.
Simultaneous determination of five macrolide antibiotics in meat by high-performance liquid chromatography 812(1998)295
- Horner, G. and Keil, E.M.
Chemosensory system for rapid automated quality control 845(1999)85
- Hornish, R.E. and Wiest, J.R.
Quantitation of spectinomycin residues in bovine tissues by ion-exchange high-performance liquid chromatography with post-column derivatization and confirmation by reversed-phase high-performance liquid chromatography-atmospheric pressure chemical ionization tandem mass spectrometry 812(1998)123
- Horsmans, Y., see Leclercq, I. 828(1998)291
- Horton, D., see Da Costa, C.T. 831(1999)167
- Horváth, Cs., see Asiaie, R. 806(1998)251
- Horváth, Cs., see Choudhary, G. 828(1998)469
- Horváth, Cs., see Ma, S. 825(1998)55
- Horváth, Cs., see Vailaya, A. 829(1998)1
- Horváth, E., see Kocsis, L. 845(1999)197
- Horvath, J., see Weitzhandler, M. 828(1998)365
- Hoshino, H., see Krokhin, O.V. 850(1999)269
- Hosoya, K., see Haginaka, J. 816(1998)113
- Hosoya, K., see Haginaka, J. 849(1999)331
- Hosoya, K., see Tanaka, N. 802(1998)23
- Hosoya, K., see Tanaka, N. 836(1999)295
- Hosoya, K., Yoshizako, K., Sasaki, H., Kimata, K. and Tanaka, N.
Molecular recognition towards coplanar polychlorinated biphenyls based on the porogen imprinting effects of xylenes 828(1998)91
- Hosseini, S., see Wartell, R.M. 806(1998)169
- Hottinger, G., see Vetter, W. 846(1999)375
- Hou, X.-P., see Chen, Q.-C. 827(1998)73
- Howard, A.G., see Shafik, T. 841(1999)127
- Howard, A.G., Shafik, T., Moffatt, F. and Wilson, I.D.
Electroosmotically driven thin-layer electrochromatography on silica media 844(1999)333
- Howe, J.A., Choi, Y.H., Loepert, R.H., Wei, L.C., Senseman, S.A. and Juo, A.S.R.
Column chromatography and verification of phytosiderophores by phenylisothiocyanate derivatization and UV detection 841(1999)155
- Howells, S., see Alfazema, L.N. 817(1998)345
- Hradilová, M., see Fetsch, D. 817(1998)313
- Hronec, M., see Štolcová, M. 847(1999)351
- Hsiang, W.-S., see Lee, M.-R. 806(1998)317
- Hsieh, M.-M. and Chang, H.-T.
Dynamic control for ultra-fast separations of organic acids in capillary zone electrophoresis. A new direction to improve resolution 817(1998)129
- Hsieh, Y.-Z., see Wang, C.-Yu. 802(1998)225
- Hsu, C.-I. W. and White, T.L.
Development of high-performance liquid chromatographic methods for measuring tetraphenylborate decomposition products in radioactive alkaline solutions 828(1998)461
- Hsu, C.-Y.L., see Buist, S.C. 828(1998)259
- Hsu, D., see Ruaan, R.-C. 824(1998)35
- Hsu, H., see Lue, S.J. 804(1998)273
- Hsu, J.T., see Gray, A.L. 824(1998)119
- Hsueh, C.-C., see Lin, C.-E. 835(1999)197
- Hu, M.Z.-C., see Koh, J.-H. 813(1998)223
- Hu, S., Fu, E. and Li, P.C.H.
Capillary electrophoretic separation enhanced by a macrocyclic dioxopolyamine additive 844(1999)439
- Hu, W., Hasebe, K., Tanaka, K. and Haddad, P.R.
Electrostatic ion chromatography of polarizable anions in saline waters with *N*-{2-[acetyl(3-sulfopropyl)amino]ethyl}-*N,N*-dimethyldodecanaminium hydroxide (ammonium sulfobetaine-1) as the stationary phase and a dilute electrolytic solution as the mobile phase 850(1999)161
- Hu, W., see Tanaka, K. 850(1999)187
- Hu, Z., see Zhao, Y. 849(1999)277
- Hua, G.Y., see Wei, W. 817(1998)65
- Huang, A., see Yang, J. 811(1998)274
- Huang, C., see Lue, S.J. 804(1998)273
- Huang, C., see Lue, S.J. 850(1999)283
- Huang, C.-H., see Wu, H.-L. 802(1998)107
- Huang, C.-R., see Van Breemen, R.B. 806(1998)67
- Huang, D., see Chen, P. 839(1999)239
- Huang, H.-Ya., see Wang, C.-Yu. 802(1998)225
- Huang, J., see Wentworth, W.E. 842(1999)229
- Huang, M.M., Penn, L., Bongers, J. and Burman, S.
Validation of a shielded-hydrophobic-phase high-performance liquid chromatography method for the determination of residual methotrexate in recombinant protein biopharmaceuticals 828(1998)303
- Huang, S.-D., see Wu, Y.-C. 835(1999)127
- Huang, T., see Liu, H. 818(1998)69
- Huang, X., see Asiaie, R. 806(1998)251
- Huang, Y., Mou, S.-f. and Liu, K.-N.
Conductimetric detection of anions of very weak acids by incomplete suppressed ion chromatography 832(1999)141
- Huber, C.G.
Micropellicular stationary phases for high-performance liquid chromatography of double-stranded DNA 806(1998)3
- Huber, C.G., see Kirchmair, M. 832(1999)247

Huber, C.G. and Premstaller, A.

Evaluation of volatile eluents and electrolytes for high-performance liquid chromatography-electrospray ionization mass spectrometry and capillary electrophoresis-electrospray ionization mass spectrometry of proteins. I.

Liquid chromatography 849(1999)161

Huber, C.G., Premstaller, A. and Kleindienst, G.

Evaluation of volatile eluents and electrolytes for high-performance liquid chromatography-electrospray ionization mass spectrometry and capillary electrophoresis-electrospray ionization mass spectrometry of proteins. II.

Capillary electrophoresis 849(1999)175

Hubert, Ph., see Ceccato, A. 819(1998)143

Hubert, Ph., see Toussaint, B. 819(1998)161

Hughes, B.R., see Bauer-Arnaz, K. 803(1998)73

Hughes, M.J., see Roberts, J.K. 828(1998)297

Humpa, O., see Revilla, A.L. 836(1999)67

Humpf, H.-U., see Becker, M. 818(1998)260

Hund, E., see Vander Heyden, Y. 845(1999)145

Hundt, A.F., see Swart, K.J. 828(1998)219

Hundt, H.K.L., see Swart, K.J. 828(1998)219

Hunnes, I., see Trones, R. 814(1998)55

Hurst, W.J. and Martin Jr, R.A.

High-performance liquid chromatographic determination of ochratoxin A in artificially contaminated cocoa beans using automated sample clean-up 810(1998)89

Hurtubise, R.J., see Mendonsa, S.D. 841(1999)239

Hurtubise, R.J., see Xu, X. 829(1998)289

Hwang, B.-H., see Lee, M.-R. 806(1998)317

Hynninen, P.H., see Hyvärinen, K. 837(1999)107

Hyötyläinen, T., Jauho, K. and Riekola, M.-L.

Analysis of pesticides in red wines by on-line coupled reversed-phase liquid chromatography-gas chromatography with vaporiser/precolumn solvent split/gas discharge interface 813(1998)113

Hyötyläinen, T. and Riekola, M.-L.

Direct coupling of reversed-phase liquid chromatography to gas chromatography 819(1998)13

Hyun, M.H., Jin, J.S., Koo, H.J. and Lee, W.

Liquid chromatographic resolution of racemic amines and amino alcohols on a chiral stationary phase derived from crown ether 837(1999)75

Hyun, M.H., Jin, J.S. and Lee, W.

Liquid chromatographic resolution of racemic amino acids and their derivatives on a new chiral stationary phase based on crown ether 822(1998)155

Hyvärinen, K. and Hynninen, P.H.

Liquid chromatographic separation and mass spectrometric identification of chlorophyll *b* allomers 837(1999)107

I

Iadarola, P., see Viglio, S. 846(1999)125

Ianniello, A., see Allegrini, I. 846(1999)265

Iannuccilli, A., see Morselli, L. 845(1999)357

Ibáñez, E., Lopez-Sebastian, S., Tabera, J. and Reglero, G.

Separation of carotenoids by subcritical fluid

chromatography with coated, packed capillary columns and neat carbon dioxide 823(1998)313

Ibáñez, M., Picó, Y. and Mañes, J.

Improving the solid-phase extraction of "quat" pesticides from water samples. Removal of interferences 823(1998)137

Iborra, J.L., see Lozano, P. 830(1999)477

Ichinomiya, M., see Sato, K. 811(1998)69

Ieiji, A., see Tanaka, K. 850(1999)311

Ihara, H., see Okamoto, M. 845(1999)409

Iida, T., Matsunaga, H., Santa, T., Fukushima, T., Homma, H. and Imai, K.

Amino acid sequence and D/L-configuration determination of peptides utilizing liberated N-terminus phenylthiohydantoin amino acids 813(1998)267

Iida, T., see Momose, T. 803(1998)121

Iida, T., see Momose, T. 811(1998)171

Inuma, F., Hamase, K., Matsabayashi, S., Takahashi, M., Watanabe, M. and Zaitsu, K.

Sensitive determination of melatonin by precolumn derivatization and reversed-phase high-performance liquid chromatography 835(1999)67

Ikai, Y., see Ito, Y. 810(1998)81

Ikai, Y., see Oka, H. 812(1998)309

Ikegami, T., see Tanaka, N. 836(1999)295

Ikeno, M., see Inoue, H. 816(1998)137

Ikonomou, M.G., see Shang, D.Y. 849(1999)467

Ikuta, A., see Tanimoto, T. 825(1998)195

Ikuta, N. and Hirokawa, T.

Numerical simulation for capillary electrophoresis. I.

Development of a simulation program with high numerical stability 802(1998)49

Ikuta, N., see Mao, Q. 802(1998)203

Ikuta, N., Sakamoto, H., Yamada, Y. and Hirokawa, T.

Numerical simulation for capillary electrophoresis. II. Relaxation effect of potential gradient in capillary zone electrophoresis 838(1999)19

Illera, M., see Rafecas, M. 822(1998)305

Imai, K., see Iida, T. 813(1998)267

Imanari, T., see Koshiishi, I. 806(1998)340

Imanari, T., see Toyoda, H. 830(1999)197

Imasaka, T., see Kaneta, T. 805(1998)295

Imasaka, T., see Kaneta, T. 831(1999)285

Imerman, P.M. and Stahr, H.M.

New, sensitive high-performance liquid chromatography method for the determination of slaframine in plasma and milk 815(1998)141

- Inoue, H., Ikeno, M., Ishii, Y. and Tsuruta, Y.
4-(5,6-Dimethoxy-2-phthalimidinyl)phenylsulfonyl semipiperazide as a fluorescent labelling reagent for determination of carboxylic acids in precolumn high-performance liquid chromatography 816(1998)137
- Inoue, H., Tsuhako, M. and Baba, Y.
Enhanced separation of DNA sequencing products by capillary electrophoresis using a stepwise gradient of electric field strength 802(1998)179
- Inoue, K., see Sakuragawa, A. 844(1999)403
- Inoue, Y., see Ono, S. 815(1998)197
- Inoue, Y., see Yamamoto, A. 850(1999)73
- Irandoust, S., see Allahverdiev, A.I. 848(1999)297
- Iraneta, P., see Neue, U.D. 849(1999)87
- Irgolic, K.J., see Li, F. 830(1999)337
- Iriondo, C., see Escobal, A. 823(1998)349
- Isaksson, R., see Hedeland, M. 807(1998)297
- Ishida, S., see Watanabe, T. 839(1999)41
- Ishihama, Y., see Suzuki, N. 829(1998)411
- Ishii, R., see Horie, M. 812(1998)295
- Ishii, Y., see Inoue, H. 816(1998)137
- Ishioka, N., see Kurosu, Y. 802(1998)129
- Ishizuka, N., see Minakuchi, H. 828(1998)83
- Isidorov, V.A., Zenkevich, I.G., Dubis, E.N., Slowikowski, A. and Wojciuk, E.
Group identification of essential oils components using partition coefficients in a hexane-acetonitrile system 814(1998)253
- Ismail, I.M., Nomura, M. and Fujii, Y.
Isotope effects of europium in ligand exchange system and electron exchange system using ion-exchange displacement chromatography 808(1998)185
- Isobe, K., see Itoh, S. 848(1999)169
- Israel, G., see Sternberg, R. 846(1999)307
- Issaeva, T., Kourganov, A. and Unger, K.
Super-high-speed liquid chromatography of proteins and peptides on non-porous Micra NPS-RP packings 846(1999)13
- Issaq, H.J., see Janini, G.M. 848(1999)417
- Isumi, Y., Akizawa, T., Matsuda, K., Umekawa, H., Kurose, T. and Yoshioka, M.
Development of guanine analyzer to measure activity of guanylate cyclase 806(1998)231
- Itabashi, Y., see Okabe, H. 829(1998)81
- Itaya, A., see Tanaka, N. 836(1999)295
- Ito, K.
Semi-micro ion chromatography of iodide in seawater 830(1999)211
- Ito, K. and Kumamaru, T.
Separation and detection of common mono- and divalent cations by ion chromatography with an ODS column and conductivity/UV detection 850(1999)247
- Ito, M., see Deguchi, K. 845(1999)165
- Ito, Y., see Cao, X. 813(1998)397
- Ito, Y., see Du, Q. 835(1999)231
- Ito, Y., Ikai, Y., Oka, H., Hayakawa, J. and Kagami, T.
Application of ion-exchange cartridge clean-up in food analysis. I. Simultaneous determination of thiabendazole and imazalil in citrus fruit and banana using high-performance liquid chromatography with ultraviolet detection 810(1998)81
- Ito, Y., see Matsuda, K. 808(1998)95
- Ito, Y., Matsuda, K., Ma, Y. and Qi, L.
Toroidal coil counter-current chromatography study of the mass transfer rate of proteins in aqueous-aqueous polymer phase system 802(1998)277
- Ito, Y., see Oka, H. 812(1998)35
- Ito, Y., see Oka, H. 812(1998)35
- Ito, Y., see Oka, H. 812(1998)309
- Ito, Y., see Oka, H. 813(1998)71
- Ito, Y., see Oka, H. 813(1998)71
- Ito, Y., see Suto, K. 810(1998)252
- Ito, Y., see Yang, F. 803(1998)298
- Ito, Y., see Yang, F. 822(1998)316
- Ito, Y., see Yang, F. 829(1998)137
- Itoh, H., see Taga, A. 839(1999)157
- Itoh, S., Isobe, K. and Onishi, S.
Accurate and sensitive high-performance liquid chromatographic method for geometrical and structural photoisomers of bilirubin IX α using the relative molar absorptivity values 848(1999)169
- Itokawa, H., see Suto, K. 810(1998)252
- Iványi, F., see Danková, M. 838(1999)31
- Iványi, F., see Kaniansky, D. 844(1999)349
- Ivask, J. and Kaljurand, M.
Reduction of the detection limits of anions in polar ice core analysis using correlation ion chromatography with detector signal processing 844(1999)419
- Iwaki, K., see Katsumine, M. 833(1999)97
- Iwasaki, H., see Suto, K. 810(1998)252
- Iwase, H. and Ono, I.
Determination of ascorbic acid in food by column liquid chromatography with electrochemical detection using eluent for pre-run sample stabilization 806(1998)361
- Iwata, T., Koshoubu, J. and Kurosu, Y.
Electropherograms in capillary zone electrophoresis plotted as a function of the quantity of electric charge 810(1998)183
- Iwata, T., see Kurosu, Y. 802(1998)391
- Iwatsubo, T., see Shinbo, T. 803(1998)95
- Iyer, H., Tapper, S., Lester, P., Wolk, B. and van Reis, R.
Use of the steric mass action model in ion-exchange chromatographic process development 832(1999)1
- Izco, J.M., Ordóñez, A.I., Torre, P. and Barcina, Y.
Validation of capillary electrophoresis in the analysis of ewe's milk casein 832(1999)239

J

- Jackson, D., see Saeed, M. 836(1999)15
- Jackson, L.K., Joyce, R.J., Laikhtman, M. and Jackson, P.E. Determination of trace level bromate in drinking water by direct injection ion chromatography 829(1998)187
- Jackson, P.E., see Jackson, L.K. 829(1998)187
- Jackson, P.E., Laikhtman, M. and Rohrer, J.S. Determination of trace level perchlorate in drinking water and ground water by ion chromatography 850(1999)131
- Jackson, P.E., see Madden, J.E. 837(1999)65
- Jackson, Y.A., see Simpson, G.I.C. 808(1998)279
- Jacobson, B.-M., see Flärdh, M. 846(1999)169
- Jacobson, P.G., Sambandan, T.G. and Morgan, B. Determination of the chirality of cysteines in somatostatin analogs 816(1998)59
- Jacquier, J.-C., Gorelov, A.V., McLoughlin, D.M. and Dawson, K.A. Capillary electrophoretic study of the complex formation between DNA and cationic surfactants 817(1998)263
- Jaegfeldt, H., see Kronqvist, K. 823(1998)401
- Jaehde, U., see Gysler, J. 841(1999)63
- Jägerstad, M., see Skog, K. 803(1998)227
- Jagodzinski, J.J., see Rey, M.A. 804(1998)201
- Jailails, B., see Auger, J. 819(1998)45
- Jakobsson, E., see Sjödin, A. 822(1998)83
- Jalali-Heravi, M. and Fatemi, M.H. Prediction of flame ionization detector response factors using an artificial neural network 825(1998)161
- James, K.J., Bishop, A.G., Draisici, R., Palleschi, L., Marchiafava, C., Ferretti, E., Satake, M. and Yasumoto, T. Liquid chromatographic methods for the isolation and identification of new pectenotoxin-2 analogues from marine phytoplankton and shellfish 844(1999)53
- James, K.J., see Draisici, R. 847(1999)213
- Jammes, H., see Ceugniet, C. 810(1998)237
- Jančar, J., see Podgorník, A. 848(1999)51
- Janda, V., Linek, V., Sinkule, J. and Vejrosta, J. Solid-phase microextraction as a source of data for the design of stripping aeration towers 823(1998)523
- Jandera, P. Simultaneous optimisation of gradient time, gradient shape and initial composition of the mobile phase in the high-performance liquid chromatography of homologous and oligomeric series 845(1999)133
- Jandera, P., Fischer, J. and Effenberger, H. Characterisation of retention in micellar high-performance liquid chromatography and in micellar electrokinetic chromatography using lipophilicity and polarity indices 807(1998)57
- Jandera, P., Holčapek, M. and Theodoridis, G. Investigation of chromatographic behaviour of ethoxylated alcohol surfactants in normal-phase and reversed-phase systems using high-performance liquid chromatography–mass spectrometry 813(1998)299
- Jandera, P., Komers, D., Anděl, L. and Prokeš, L. Fitting competitive adsorption isotherms to the distribution data in normal phase systems with binary mobile phases 831(1999)131
- Janiczek, O., see Glatz, Z. 838(1999)139
- Janini, G.M., Metral, C.J., Issaq, H.J. and Muschik, G.M. Peptide mobility and peptide mapping in capillary zone electrophoresis. Experimental determination and theoretical simulation 848(1999)417
- Jankowsky, R., Friebel, M., Noll, B. and Johannsen, B. Determination of dissociation constants of ^{99m}Technetium radiopharmaceuticals by capillary electrophoresis 833(1999)83
- Janoš, P. Role of chemical equilibria in the capillary electrophoresis of inorganic substances 834(1999)3
- Jansen, J.A.J., see Krüsemann, P.V.E. 819(1998)243
- Janssen, H.-G., see Baltussen, E. 802(1998)285
- Janssen, H.-G., see Baltussen, E. 805(1998)237
- Jara, H.T., see Schollenberger, M. 815(1998)123
- Jardim, I.C.S.F., Collins, K.E. and Anazawa, T.A. Radiation immobilization of poly(methyloctylsiloxane) on silica for use in HPLC: a uniform layer model 849(1999)299
- Jardim, I.C.S.F., see Costa Melo, L.F. 845(1999)423
- Jardim, I.C.S.F., see Pinto, G.M.F. 846(1999)369
- Jardy, A., see Vial, J. 815(1998)173
- Jaroniec, M., see Bereznitski, Y. 828(1998)51
- Jaroniec, M., see Bereznitski, Y. 828(1998)59
- Jarrett, H.W., see Gadgil, H. 848(1999)131
- Jarrett, H.W., see Robinson, F.D. 849(1999)403
- Jarrett, H.W. and Taylor, W.L. Transcription factor–green fluorescent protein chimeric fusion proteins and their use in studies of DNA affinity chromatography 803(1998)131
- Jarry, C., see Péhourcq, F. 812(1998)159
- Jasionowska, R., see Cartoni, G. 846(1999)135
- Jastorff, B., see Meissner, Th. 810(1998)201
- Jastorff, B., see Meissner, Th. 829(1998)351
- Jastorff, B., see Meissner, Th. 838(1999)81
- Jauho, K., see Hyötyläinen, T. 813(1998)113
- Jáuregui, O., Moyano, E. and Galceran, M.T. Liquid chromatography–atmospheric pressure chemical ionization mass spectrometry for chlorinated phenolic compounds. Application to the analysis of polluted soils 823(1998)241
- Jáuregui, O., see Santos, F.J. 823(1998)249
- Jaussaud, P., Durix, A., Videmann, B., Vigié, A. and Bony, S. Rapid analysis of ergovaline in ovine plasma using high-performance liquid chromatography with fluorimetric detection 815(1998)147
- Jayaprakash, G.K. and Sakariah, K.K. Determination of organic acids in *Garcinia cambogia* (Desr.) by high-performance liquid chromatography 806(1998)337

- Jayasinghe, L.Y., Marriott, P.J., Carpenter, P.D. and Nichols, P.D.
Application of pentafluorophenylidimethylsilyl derivatization for gas chromatography-electron-capture detection of supercritically extracted sterols 809(1998)109
- Jeannot, R., see Sabik, H. 818(1998)197
- Jefferies, T.M., see Thunhorst, M. 818(1998)239
- Jefferson, A., see Hecker, R. 837(1999)139
- Jehl, F., see Levêque, D. 815(1998)163
- Jelínek, I. and Opekar, F.
Simple technique for joining of capillaries in capillary separation methods 802(1998)381
- Jelínek, I., see Samcová, E. 847(1999)135
- Jenny, A., see Schmerr, M.J. 802(1998)135
- Jensen, D., see Pohl, C. 850(1999)239
- Jensen, G.H., see Rastogi, S.C. 828(1998)311
- Jensen, M., see Antonucci, V. 840(1999)215
- Jeong, C.K., see Lee, H.S. 848(1999)179
- Jergil, B., see Ekblad, L. 815(1998)189
- Jermann, E., see Elke, K. 826(1998)191
- Jerominus-Stratingh, C.M., see van der Wal, S. 825(1998)135
- Jeyashoke, N., Krisnangkura, K. and Chen, S.-T.
Microwave induced rapid transmethylation of fatty acids for analysis of food oil 818(1998)133
- Jeziarska, M., see Buszewski, B. 845(1999)433
- Jeziarska, M., see Claessens, H.A. 826(1998)135
- Jezorek, J.R., see Muenter, M.M. 844(1999)1
- Ji, Z., Majors, R.E. and Guthrie, E.J.
Porous layer open-tubular capillary columns: preparations, applications and future directions (Review) 842(1999)115
- Jiao, K., see Wang, J.H. 818(1998)138
- Jiménez, A., see Garrigós, M.C. 819(1998)259
- Jiménez, A., see Marín, M.L. 819(1998)289
- Jiménez, B., see Soriano, J.M. 822(1998)67
- Jiménez, J.J., Bernal, J.L., del Nozal, M.J., Martín, M.T. and Mayorga, A.L.
Solid-phase microextraction applied to the analysis of pesticide residues in honey using gas chromatography with electron-capture detection 829(1998)269
- Jiménez, J.J., Bernal, J.L., del Nozal, M., Toribio, L. and Martín, M.T.
Gas chromatography with electron-capture and nitrogen-phosphorus detection in the analysis of pesticides in honey after elution from a Florisil column. Influence of the honey matrix on the quantitative results 823(1998)381
- Jiménez, J.J., see Toribio, L. 823(1998)163
- Jiménez, R.M., see Martínez, V. 836(1999)189
- Jiménez-Lozano, E., see Barbosa, J. 839(1999)183
- Jimidar, M., see Vander Heyden, Y. 845(1999)145
- Jin, D., Nagakura, K., Murofushi, S., Miyahara, T. and Toyo'oka, T.
Total resolution of 17 DL-amino acids labelled with a fluorescent chiral reagent, *R*(-)4-(3-isothiocyanatopyrrolidin-1-yl)-7-(*N,N*-dimethylaminosulfonyl)-2,1,3-benzoxadiazole, by high-performance liquid chromatography 822(1998)215
- Jin, J.S., see Hyun, M.H. 822(1998)155
- Jin, J.S., see Hyun, M.H. 837(1999)75
- Jing, H. and Amirav, A.
Pulsed flame photometric detector – a step forward towards universal heteroatom selective detection 805(1998)177
- Jing, H., see Amirav, A. 814(1998)133
- Johannsen, B., see Jankowsky, R. 833(1999)83
- Johansen, N., see Staby, A. 827(1998)311
- Johansson, J., see Behnke, B. 818(1998)257
- Johnsen, G.H., see Jørgensen, T.K. 817(1998)205
- Johnson, M.E., see Feng, L. 832(1999)211
- Johnson, M.E., see Gee, A.J. 849(1999)541
- Jomaa, H., see Feurle, J. 803(1998)111
- Jones, A.D., Tier, C.M. and Wilkins, J.P.G.
Analysis of the Maillard reaction products of β-lactoglobulin and lactose in skinned milk powder by capillary electrophoresis and electrospray mass spectrometry 822(1998)147
- Jones, G.R., see Maile, R. 816(1998)169
- Jones, G.R. and Oldham, N.J.
Pheromone analysis using capillary gas chromatographic techniques (Review) 843(1999)199
- Jones, P., see Hardy, S. 834(1999)309
- Jones, P., see Nesterenko, P.N. 804(1998)223
- Jones, P., see Nesterenko, P.N. 813(1998)47
- Jones, P., see Sutton, R.M.C. 816(1998)286
- Jones, R.D., see Deng, Y. 817(1998)145
- Jönsson, J.Å., see Megersa, N. 830(1999)203
- Jørgensen, L., see Jørgensen, T.K. 817(1998)205
- Jørgensen, T.K., Bagger, L.H., Christiansen, J., Johnsen, G.H., Faarbæk, J.R., Jørgensen, L. and Welinder, B.S.
Quantifying biosynthetic human growth hormone in *Escherichia coli* with capillary electrophoresis under hydrophobic conditions 817(1998)205
- Josefsson, B., see Tangen, A. 826(1998)87
- Josephs, R., see Rosenberg, E. 819(1998)277
- Joshi, V.P., Kulkarni, M.G. and Mashelkar, R.A.
Molecularly imprinted adsorbents for positional isomer separation 849(1999)319
- Josic, D., see Buchacher, A. 802(1998)355
- Josić, D., see Hoffer, L. 844(1999)119
- Josić, D., Schwinn, H., Štrancar, A., Podgornik, A., Barut, M., Lim, Y.-P. and Vodopivec, M.
Use of compact, porous units with immobilized ligands with high molecular masses in affinity chromatography and enzymatic conversion of substrates with high and low molecular masses 803(1998)61
- Joyce, R.J., see Jackson, L.K. 829(1998)187
- Joyce, R.J., see Weinberg, H.S. 804(1998)137
- Józwiak, K., see Niewiadomy, A. 828(1998)431
- Judžentienė, A., see Padarauskas, A. 808(1998)193
- Juhász, M., see Pál, R. 819(1998)249
- Juhász, M., see Stumpf, Á. 819(1998)67
- Jung, Y.A. and Row, K.H.
Extraction and purification of perillyl alcohol from Korean orange peel by reversed-phase high-performance liquid chromatography 828(1998)445
- Juo, A.S.R., see Howe, J.A. 841(1999)155
- Jussila, M., see Sirén, H. 839(1999)203

Juza, M., Di Giovanni, O., Biressi, G., Schurig, V., Mazzotti, M. and Morbidelli, M.
Continuous enantiomer separation of the volatile inhalation anesthetic enflurane with a gas chromatographic simulated moving bed unit 813(1998)333

K

Kabátek, Z., see Popelka, Š. 838(1999)45

Kadnar, R.

Determination of alkali and alkaline earth metals in oilfield waters by ion chromatography 804(1998)217

Kadnar, R.

Determination of amines used in the oil and gas industry (upstream section) by ion chromatography 850(1999)289

Kagami, T., see Ito, Y. 810(1998)81

Kagami, T., see Oka, H. 812(1998)309

Kagami, T., see Oka, H. 813(1998)71

Kählig, H., see Mayer, B.X. 848(1999)251

Kaine, L.A. and Wolnik, K.A.

Detection of counterfeit and relabeled infant formulas by high-pH anion-exchange chromatography-pulsed amperometric detection for the determination of sugar profiles 804(1998)279

Kaiser, E., Rohrer, J.S. and Watanabe, K.

Determination of trace anions in concentrated weak acids by ion chromatography 850(1999)167

Kaiser, E.Q., see Rey, M.A. 804(1998)201

Kajima, T., see Suzuki, N. 829(1998)411

Kajiwara, H.

Motif 2 in adenosine kinase homologous ginseng polypeptide showed affinity to D-ribose by capillary zone electrophoresis and surface plasmon resonance 817(1998)173

Kakehi, K., see Tahara, S.-i. 848(1999)465

Kakinuma, S., see Suto, K. 810(1998)252

Kalantzopoulos, A., see Katsanos, N.A. 845(1999)103

Kalász, H., see Guttman, A. 828(1998)481

Kaliszan, R., see Buszewski, B. 845(1999)433

Kalivretenos, A.G., see Kassim, S.Y. 816(1998)11

Kaljurand, M., see Ivask, J. 844(1999)419

Kallenborn, R., Gatermann, R., Planting, S., Rimkus, G.G., Lund, M., Schlabach, M. and Burkow, I.C.

Gas chromatographic determination of synthetic musk compounds in Norwegian air samples 846(1999)295

Kalra, S., see Liu, H. 828(1998)383

Kanamori, T., see Shinbo, T. 803(1998)95

Kanda, T., see Kobayashi, S. 828(1998)75

Kandiyoti, R., see Deelchand, J.-P. 830(1999)397

Kandiyoti, R., see Lazaro, M.J. 840(1999)107

Kaneta, T., Saito, Y. and Imasaka, T.

Indirect detection of amino-substituted polycyclic aromatic hydrocarbons in cyclodextrin-modified micellar electrokinetic chromatography combined with diode laser-induced fluorometry 831(1999)285

Kaneta, T., Shiba, H. and Imasaka, T.

Determination of cyanine-labeled amino acid enantiomers by cyclodextrin-modified capillary gel electrophoresis combined with diode laser fluorescence detection 805(1998)295

Kanfer, I., Skinner, M.F. and Walker, R.B.

Analysis of macrolide antibiotics 812(1998)255

Kang, J., see Yang, Y. 834(1999)387

Kang, J., see Yang, Y. 834(1999)393

Kang, J.-W., Yang, Y.-T., You, J.-M. and Ou, Q.-Yu.

Fast chiral separation of amino acid derivatives and acidic drugs by co-electroosmotic flow capillary electrophoresis with vancomycin as chiral selector 825(1998)81

Kang, Y. and Luo, R.G.

Chromatographic removal of endotoxin from hemoglobin preparations. Effects of solution conditions on endotoxin removal efficiency and protein recovery 809(1998)13

Kaniansky, D., see Danková, M. 838(1999)31

Kaniansky, D., Masár, M., Marák, J. and Bodor, R.

Capillary electrophoresis of inorganic anions

834(1999)133

Kaniansky, D., see Masár, M. 834(1999)179

Kaniansky, D., Zelenská, V., Masár, M., Iványi, F. and Gazdiková, Š.

Contactless conductivity detection in capillary zone electrophoresis 844(1999)349

Kannan, K., see Olivero, J. 849(1999)621

Kano, K., see Esaka, Y. 822(1998)107

Kappes, T. and Hauser, P.C.

Electrochemical detection methods in capillary electrophoresis and applications to inorganic species 834(1999)89

Karaïskakis, G., see Athanasopoulou, A. 845(1999)293

Karaïskakis, G., see Gavril, D. 845(1999)67

Karlberg, B., see Kuban, P. 808(1998)219

Karlberg, B., see Olsson, J. 824(1998)231

Karlberg, B., see Olsson, J. 826(1998)227

Karlsson, A., see Svensson, S. 839(1999)23

Karlsson, J.G., see Andersson, H.S. 848(1999)39

Karlsson, L., see Eskilsson, C.S. 840(1999)59

Karlsson, S., see Dahlén, J. 848(1999)491

Karmarkar, S.V.

Analysis of wastewater for anionic and cationic nutrients by ion chromatography in a single run with sequential flow injection analysis 850(1999)303

Kasai, T., see Watanabe, T. 839(1999)41

Kashiwagi, M., see Yachida, Y. 813(1998)325

Kashiwamoto, Y., see Araki, T. 845(1999)455

Kašicka, V., see Hamrníková, I. 838(1999)167

Kašicka, V., see Reijenga, J.C. 836(1999)129

Kassim, S.Y., Restrepo, I.M. and Kalivretenos, A.G.

Synthesis and purification of hydrophobic peptides for use in biomimetic ion channels 816(1998)11

Kaštelan-Macan, M., see Babić, S. 823(1998)3

Kaszonyi, A., see Štolcová, M. 847(1999)351

- Katagi, M., Tatsuno, M., Nishikawa, M. and Tsuchihashi, H.
On-line solid-phase extraction liquid chromatography-continuous flow frit fast atom bombardment mass spectrometric and tandem mass spectrometric determination of hydrolysis products of nerve agents alkyl methylphosphonic acids by *p*-bromophenacyl derivatization 833(1999)169
- Kataoka, M., Tsunoda, N., Ohta, H., Tsuge, K., Takesako, H. and Seto, Y.
Effect of cation-exchange pretreatment of aqueous soil extracts on the gas chromatographic-mass spectrometric determination of nerve agent hydrolysis products after *tert*-butyldimethylsilylation 824(1998)211
- Kato, M., see Okamoto, M. 845(1999)409
- Katona, Zs.F., Sass, P. and Molnár-Perl, I.
Simultaneous determination of sugars, sugar alcohols, acids and amino acids in apricots by gas chromatography-mass spectrometry 847(1999)91
- Katsanos, N.A., Rakintzis, N., Roubani-Kalantzopoulou, F., Arvanitopoulou, E. and Kalantzopoulos, A.
Measurement of adsorption energies on heterogeneous surfaces by inverse gas chromatography 845(1999)103
- Katsumata, N., see Hayakawa, K. 846(1999)73
- Katsumine, M., Iwaki, K., Matsuda, R. and Hayashi, Y.
Routine check of baseline noise in ion chromatography 833(1999)97
- Katsumura, Y., see Cai, Z. 829(1998)407
- Katsuta, S.
Reply to "Relationship between liquid-liquid distribution and liquid-micelle distribution systems": the solvation environment in micelles evaluated by the linear solvation energy relationship method 807(1998)311
- Kattner, G., see Fitznar, H.P. 832(1999)123
- Katzmayr, M.U., see Klampfl, C.W. 804(1998)357
- Katzmayr, M.U., see Klampfl, C.W. 822(1998)117
- Katzmayr, M.U., Klampfl, C.W. and Buchberger, W.
Optimization of conductivity detection of low-molecular-mass anions in capillary zone electrophoresis 850(1999)355
- Kaufmann, P., see Thorsteinsdóttir, M. 809(1998)191
- Kaufmann, P., see Thorsteinsdóttir, M. 831(1999)293
- Kaune, A., Brüggemann, R. and Kettrup, A.
High-performance liquid chromatographic measurement of the 1-octanol-water partition coefficient of *s*-triazine herbicides and some of their degradation products 805(1998)119
- Kawabata, M., see Sato, K. 811(1998)69
- Kawakura, H. and Hirata, Y.
Methylation of carboxylic acids in supercritical carbon dioxide modified with methanol using a flow-through system 815(1998)225
- Kawamura, K.
Capillary electrophoretic separation of mono- and dinucleotides of adenosine using cyclodextrin solutions with MgCl₂ additive 802(1998)167
- Kažoka, H.
High-performance liquid chromatography of some purine and pyrimidine derivatives on silica in hexane-isopropanol-ethylene glycol mobile phases 836(1999)235
- Kårsnäs, P., see Oscarsson, S. 803(1998)83
- Kees, F., Spangler, S. and Wellenhofer, M.
Determination of macrolides in biological matrices by high-performance liquid chromatography with electrochemical detection 812(1998)287
- Kei Lau, S., Zaccardo, F., Little, M. and Banks, P.
Nanomolar derivatizations with 5-carboxyfluorescein succinimidyl ester for fluorescence detection in capillary electrophoresis 809(1998)203
- Keil, E.M., see Horner, G. 845(1999)85
- Kele, M. and Guiochon, G.
Repeatability and reproducibility of retention data and band profiles on reversed-phase liquid chromatography columns. I. Experimental protocol 830(1999)41
- Kele, M. and Guiochon, G.
Repeatability and reproducibility of retention data and band profiles on reversed-phase liquid chromatographic columns. II. Results obtained with Symmetry C₁₈ columns 830(1999)55
- Kele, M., see Sajonz, P. 810(1998)1
- Kellner, R., see Vonach, R. 824(1998)159
- Kelly, J., see Antonucci, V. 840(1999)215
- Kelly, M., see Cooper, A.D. 812(1998)321
- Kelly, M.T. and Larroque, M.
Trace determination of diethylphthalate in aqueous media by solid-phase microextraction-liquid chromatography 841(1999)177
- Kelly, R.G., see Cooper, K.R. 850(1999)381
- Kelly, R.G., see Lewis, K.S. 850(1999)375
- Kelly, R.G., Yuan, J., Weyant, C.M. and Lewis, K.S.
Applications of capillary electrophoresis in corrosion science and engineering 834(1999)433
- Kempe, H., Axelsson, A., Nilsson, B. and Zacchi, G.
Simulation of chromatographic processes applied to separation of proteins 846(1999)1
- Kemps, L., see Demillequand, M. 832(1999)259
- Kenndler, E., see Sarmini, K. 806(1998)325
- Kenndler, E., see Sarmini, K. 811(1998)201
- Kenndler, E., see Sarmini, K. 818(1998)209
- Kenndler, E., see Sarmini, K. 833(1999)245
- Kennedy, D.G., McCracken, R.J., Cannavan, A. and Hewitt, S.A.
Use of liquid chromatography-mass spectrometry in the analysis of residues of antibiotics in meat and milk 812(1998)77
- Kennedy, D.G., McCracken, R.J., Carey, M.P., Blanchflower, W.J. and Hewitt, S.A.
Iso- and epi-iso-chlortetracycline are the principal metabolites of chlortetracycline in the hen's egg 812(1998)327
- Kennedy, E.M., see Height, M.J. 841(1999)187
- Kerhoas, L., see Malosse, C. 803(1998)203
- Kern, W., see Spiteller, G. 843(1999)29
- Kernbichler, J., see Ekblad, L. 815(1998)189
- Kerr, T.M. and Mike, J.H.
Post-column oxidation of purpald-aldehyde adducts at nickel electrodes 813(1998)213
- Kerth, J., see Pohl, C. 850(1999)239

- Keszler, Á. and Héberger, K.
Influence of extraction parameters and medium on efficiency of solid-phase microextraction sampling in analysis of aliphatic aldehydes 845(1999)337
- Kett, W.C., see Yan, J.X. 813(1998)187
- Kettrup, A., see Kaune, A. 805(1998)119
- Kettrup, A., see Schmitt-Kopplin, Ph. 807(1998)89
- Kettrup, A., see Schmitt-Kopplin, Ph. 807(1998)101
- Kettrup, A., see Schmitt-Kopplin, P. 837(1999)253
- Kettrup, A., see Schramel, O. 819(1998)231
- Keys, A.J., see Andralojc, P.J. 814(1998)105
- Keywood, M.D., see Ayers, G.P. 824(1998)241
- Khaledi, M.G., Bumgarner, J.G. and Hadjimohammadi, M.
Characterization of mixed micellar pseudostationary phases in electrokinetic chromatography using linear solvation energy relationships 802(1998)35
- Khaledi, M.G., see Wang, F. 817(1998)121
- Khong, T.M., see Staniforth, M. 833(1999)195
- Kuhawar, M.Y., Sarafraz-Yazdi, A., Seeley, J.A. and Uden, P.C.
Platinum-selective capillary gas chromatographic determination with microwave-induced plasma atomic emission detection 824(1998)223
- Kibelka, G., see Matz, G. 830(1999)365
- Kibler, M. and Bächmann, K.
New derivatization method for carboxylic acids in aqueous solution for analysis by capillary electrophoresis and laser-induced fluorescence detection 836(1999)325
- Kientz, C.E., see Hooijsscher, E.W.J. 849(1999)433
- Kientz, Ch.E.
Chromatography and mass spectrometry of chemical warfare agents, toxins and related compounds: state of the art and future prospects 814(1998)1
- Kierkegaard, A., see Sjödin, A. 822(1998)83
- Kikuta, C., see Mascher, H.J. 812(1998)221
- Kikuta, C., see Mascher, H.J. 812(1998)381
- Kil, K.-S., see Kim, Y.-O. 850(1999)369
- Kilár, F., Végvári, Á. and Mód, A.
New set-up for capillary isoelectric focusing in uncoated capillaries 813(1998)349
- Kim, D.H., Heo, G.S. and Lee, D.W.
Determination of organophosphorus pesticides in wheat flour by supercritical fluid extraction and gas chromatography with nitrogen–phosphorus detection 824(1998)63
- Kim, D.W., see Ryu, J.W. 814(1998)247
- Kim, H.R. and Seib, P.A.
Assay of L-ascorbic 2-monophosphate in aquaculture feeds by high-performance anion-exchange chromatography with conductivity detection 803(1998)141
- Kim, J.-H., see Kim, Y.-O. 850(1999)369
- Kim, J.H., see Lee, J.H. 813(1998)85
- Kim, J.S., see Lee, J.H. 813(1998)85
- Kim, K., see Lee, H.S. 848(1999)179
- Kim, S.T., see Lee, J.H. 813(1998)85
- Kim, Y., see Moon, M.H. 813(1998)91
- Kim, Y.H., see Lee, H.S. 848(1999)179
- Kim, Y.-M., see Park, H.-M. 829(1998)215
- Kim, Y.-O., Chung, H.-J., Chung, S.-T., Kim, J.-H., Park, J.-H., Han, S.-Y., Kil, K.-S. and Cho, D.-H.
Determination of melatonin in biological samples by capillary electrophoresis 850(1999)369
- Kimata, K., see Hosoya, K. 828(1998)91
- Kimata, K., see Tanimoto, T. 825(1998)195
- Kincaid, B., see Meriluoto, J. 810(1998)226
- Kinder, P., see Hammes, W. 847(1999)187
- King, W., see Lin, L.-Z. 810(1998)71
- Kinuta, M., Shimizu, H. and Ubuka, T.
Determination of chiral catabolites from *S*-[2-carboxy-1-(1*H*-imidazol-4-yl)ethyl]glutathione, a proposed metabolite of L-histidine, by capillary electrophoresis 802(1998)73
- Kionka, C., see Hagmann, M.-L. 816(1998)49
- Kira, A., see Shibukawa, M. 830(1999)321
- Kirch, W., see Oertel, R. 846(1999)217
- Kirchmair, M., Pöder, R. and Huber, C.G.
Identification of illudins in *Omphalotus nidiformis* and *Omphalotus olivascens* var. *indigo* by column liquid chromatography–atmospheric pressure chemical ionization tandem mass spectrometry 832(1999)247
- Kiridena, W. and Poole, C.F.
Structure-driven retention model for solvent selection and optimization in reversed-phase thin-layer chromatography 802(1998)335
- Kirschner, T., see Willoughby, N.A. 840(1999)195
- Kishiji, M., see Watanabe, T. 839(1999)41
- Kishimoto, Y., see Tanaka, Y. 802(1998)83
- Kishimoto, Y., see Tanaka, Y. 817(1998)49
- Kiss, G., see Krivácsy, Z. 834(1999)21
- Kissinger, P.T., see Gunaratna, C. 828(1998)95
- Kissinger, P.T., see Liu, H. 818(1998)69
- Kitada, Y., see Onji, Y. 815(1998)59
- Kitada, Y., see Tahara, S.-i. 848(1999)465
- Kitahara, K., see Masuda, T. 845(1999)401
- Kitano, A., see Taga, A. 837(1999)221
- Kiyohara, S., see Nakamura, M. 822(1998)53
- Kjällstrand, J., Rannäs, O. and Petersson, G.
Gas chromatographic and mass spectrometric analysis of 36 lignin-related methoxyphenols from uncontrolled combustion of wood 824(1998)205
- Kjellström, S., Emnéus, J., Laurell, T., Heintz, L. and Marko-Varga, G.
On-line coupling of microdialysis sampling with liquid chromatography for the determination of peptide and non-peptide leukotrienes 823(1998)489
- Klaiber, I., see Renukappa, T. 847(1999)109
- Klammer, H.(J.)C., see Verbruggen, E.M.J. 835(1999)19
- Klampfl, C.W., Buchberger, W., Turner, M. and Fritz, J.S.
Determination of underivatized amino acids in beverage samples by capillary electrophoresis 804(1998)349
- Klampfl, C.W., Katzmayr, M.U., Buchberger, W. and Basener, N.
Determination of low-molecular-mass ionic compounds in electrodeposition coatings by capillary electrophoresis with conductivity detection 804(1998)357

- Klampfl, C.W. and Katzmayr, M.U.
Determination of low-molecular-mass anionic compounds in beverage samples using capillary zone electrophoresis with simultaneous indirect ultraviolet and conductivity detection 822(1998)117
- Klampfl, C.W., see Katzmayr, M.U. 850(1999)355
- Klee, M.S., see Blumberg, L.M. 842(1999)15
- Kleindienst, G., see Huber, C.G. 849(1999)175
- Klejdus, B., Vitamvásová, D. and Kubáň, V.
Reversed-phase high-performance liquid chromatographic determination of isoflavones in plant materials after isolation by solid-phase extraction 839(1999)261
- Klimeš, J., Dohnalová, M. and Sedláček, J.
Microcolumn high-performance liquid chromatographic assay for doxycycline in isolated alveolar macrophages 846(1999)181
- Klímová, I., see Tomaniová, M. 827(1998)21
- Klingebiel, T., see Renner, S. 838(1999)251
- Klingenber, A. and Seubert, A.
Sulfoacylated polystyrene-divinylbenzene copolymers as resins for cation chromatography. Influence of capacity on resin selectivity 804(1998)63
- Klingenber, D.J., see Yuan, Q.S. 831(1999)149
- Klobes, U., see Vetter, W. 846(1999)375
- Kmetov, V., see Rosenberg, E. 819(1998)277
- Knepper, T.P., see Bauer, K.-H. 837(1999)117
- Knicker, H., see del Rio, J.C. 823(1998)433
- Knopp, D., see Zühlke, J. 807(1998)209
- Knox, J.H.
Band dispersion in chromatography – a new view of A-term dispersion 831(1999)3
- Ko, W.-K., see Wu, S.-M. 846(1999)239
- Kobayashi, S., Tanaka, I., Shirota, O., Kanda, T. and Ohtsu, Y.
Synthesis and characterization of a polymer-coated C₁₈ stationary phase with high carbon content for liquid chromatography 828(1998)75
- Koch-Schmidt, A.-C., see Andersson, H.S. 848(1999)39
- Kocourek, V., see Tomaniová, M. 827(1998)21
- Kocsis, L., Horváth, E., Kristóf, J., Frost, R.L., Rédey, Á. and Mink, J.
Effect of the preparation conditions on the surface-enhanced Raman-spectrometric identification of thin-layer-chromatographic spots 845(1999)197
- Kodama, O., see Tamogami, S. 822(1998)310
- Kodama, S., Yamamoto, A. and Matsunaga, A.
Direct chiral resolution of pantothenic acid using 2-hydroxypropyl-β-cyclodextrin in capillary electrophoresis 811(1998)269
- Kodama, S., see Yamamoto, A. 850(1999)73
- Koedijk, D.G.A.M., see Welling-Wester, S. 816(1998)29
- Koel, M., Kudrjashova, M., Tönsuadu, K. and Veiderma, M.
Thermochromatography for evolved gas analysis of apatite materials 819(1998)75
- Koh, J.-H., Broyles, B.S., Guan-Sajonz, H., Hu, M.Z.-C. and Guiochon, G.
Consolidation and column performance of several packing materials for liquid chromatography in a dynamic axial compression column 813(1998)223
- Koh, T., see Miura, Y. 804(1998)143
- Kohata, K., see Horie, H. 802(1998)219
- Kohata, K., see Horie, H. 817(1998)139
- Kohata, K., see Nakakuki, H. 848(1999)523
- Kohda, K., see Deguchi, K. 845(1999)165
- Kohlenberg, F.-J., see Lechtenberg, M. 848(1999)457
- Kohn, B., see Duncan, K. 815(1998)41
- Köhne, A.P. and Welsch, T.
Coupling of a microbore column with a column packed with non-porous particles for fast comprehensive two-dimensional high-performance liquid chromatography 845(1999)463
- Koishi, M., see Honda, F. 813(1998)21
- Koivisto, P., see Swart, R. 828(1998)209
- Koizumi, K., see Tanimoto, T. 825(1998)195
- Kojiro, D.R., see Akapo, S.O. 843(1999)147
- Kok, S.J., see Hankemeier, T. 811(1998)105
- Kok, S.J., see Hankemeier, T. 841(1999)75
- Kok, S.J., Hoornweg, G.P., de Ridder, T., Brinkman, U.A.Th., Velthorst, N.H. and Gooijer, C.
Generation of 275.4-nm UV output from a large-frame argon-ion laser for fluorescence detection in capillary electrophoresis 806(1998)355
- Kok, W.Th., see Seifar, R.M. 808(1998)71
- Kok, W.Th., see Seifar, R.M. 832(1999)133
- Kok, W.Th., see Zhu, R. 814(1998)213
- Kolar, J., see Strlič, M. 805(1998)93
- Kolb, B.
Headspace sampling with capillary columns (Review) 842(1999)163
- Koliadima, A., see Athanasopoulou, A. 845(1999)293
- Kollmann, T., see Mihlbachler, K. 818(1998)155
- Kołodziejczyk, A.M., see Śliwka, M. 824(1998)7
- Kolpachnikova, M.G., Penner, N.A. and Nesterenko, P.N.
Effect of temperature on retention of alkali and alkaline-earth metal ions on some aminocarboxylic acid functionalised silica based ion exchangers 826(1998)15
- Komers, D., see Jandera, P. 831(1999)131
- Komiya, K., see Sato, K. 811(1998)69
- Kondejewski, L.H., see Mant, C.T. 816(1998)79
- Kondo, K., see Hashimoto, M. 832(1999)191
- Konstantinou, I.K., see Albanis, T.A. 823(1998)59
- Koo, H.J., see Hyun, M.H. 837(1999)75
- Kopealent-Frank, H., see Bartsch, H. 846(1999)207
- Kopinke, F.-D., see Pörschmann, J. 816(1998)159
- Köppen, B. and Spliid, N.H.
Determination of acidic herbicides using liquid chromatography with pneumatically assisted electrospray ionization mass spectrometric and tandem mass spectrometric detection 803(1998)157
- Koppmann, R., see Gautrois, M. 848(1999)239
- Koropchak, J.A., see Guo, W. 849(1999)587
- Koropchak, J.A., see Sadain, S.K. 844(1999)111
- Kósa, Á., Dobó, A., Vékey, K. and Forgács, E.
Separation and identification of nonylphenylethylene oxide oligomers by high-performance liquid chromatography with UV and mass spectrometric detection 819(1998)297
- Kosakowska, A., see Mucha, P. 830(1999)183
- Koscho, M.E., see Pirkle, W.H. 840(1999)151

- Koshiishi, I., Mamura, Y. and Imanari, T.
Simultaneous determination of vitamin C and its carbamylated derivatives by high-performance liquid chromatography with post-column derivatization 806(1998)340
- Koshoubu, J., see Iwata, T. 810(1998)183
- Kotal, F., Holadová, K., Hajšlová, J., Poustka, J. and Radová, Z.
Determination of trichothecenes in cereals 830(1999)219
- Kotseridis, Y., Baumes, R. and Skouroumounis, G.K.
Synthesis of labelled [$^2\text{H}_4$] β -damascenone, [$^2\text{H}_4$]2-methoxy-3-isobutylpyrazine, [$^2\text{H}_3$] α -ionone, and [$^2\text{H}_3$] β -ionone, for quantification in grapes, juices and wines 824(1998)71
- Kotseridis, Y., Baumes, R.L., Bertrand, A. and Skouroumounis, G.K.
Quantitative determination of 2-methoxy-3-isobutylpyrazine in red wines and grapes of Bordeaux using a stable isotope dilution assay 841(1999)229
- Kotseridis, Y., Baumes, R.L., Bertrand, A. and Skouroumounis, G.K.
Quantitative determination of β -ionone in red wines and grapes of Bordeaux using a stable isotope dilution assay 848(1999)317
- Kotseridis, Y., Baumes, R.L. and Skouroumounis, G.K.
Quantitative determination of free and hydrolytically liberated β -damascenone in red grapes and wines using a stable isotope dilution assay 849(1999)245
- Kotyński, A., Ciesielski, W., Kudzin, Z.H., Okruszek, A., Krajewska, D. and Lipka, P.
Iodine-azide reagent for the detection of biologically oriented thiophosphoryl compounds in thin-layer chromatography systems 813(1998)135
- Kotyński, A., Kudzin, Z.H., Ciesielski, W. and Drabowicz, J.
Unusual induction in the iodine-azide induced reaction exhibited by organophosphorus compounds on thin-layer chromatography plates 831(1999)321
- Kotz, L., see Ehmann, T. 816(1998)261
- Kourganov, A., see Issaeva, T. 846(1999)13
- Koutník, P., see Franěk, F. 806(1998)61
- Kovács, Á., Simon-Sarkadi, L. and Ganzler, K.
Determination of biogenic amines by capillary electrophoresis 836(1999)305
- Kovacs, G.T.A., see Zhao, H. 813(1998)205
- Kovács-Hadady, K., see Török, J. 803(1998)235
- Kovar, K.-A., see Stahlmann, S. 813(1998)145
- Kowalska, T., see Héberger, K. 845(1999)13
- Kowalski, B.R., see Fleming, C.M. 849(1999)71
- Koziolowa, A., see Gliszczynska, A. 822(1998)59
- Kozlovsy, E.A., see Vagenina, IV. 840(1999)281
- Kraak, J.C., see Seifar, R.M. 808(1998)71
- Kraak, J.C., see Seifar, R.M. 832(1999)133
- Kraak, J.C., see Venema, E. 837(1999)3
- Kraan, G.P.B., see Wolthers, B.G. 843(1999)247
- Krajewska, D., see Kotyński, A. 813(1998)135
- Kralj Cigić, I., Plavec, J. and Zupančič-Kralj, L.
Determination of the geometrical isomers of ethyl 2,4-decadienoate 847(1999)359
- Kramell, R., Porzel, A., Miersch, O., Schneider, G. and Wasternack, C.
Chromatographic resolution of peptide-like conjugates of jasmonic acid and of cucurbitic acid isomers 847(1999)103
- Krasts, D.A., see Balland, A. 846(1999)143
- Kratz, K.-L., see Hirsch, R. 815(1998)213
- Kraus, W., see Renukappa, T. 847(1999)109
- Krause, E., Dathe, M., Wieprecht, T. and Bienert, M.
Noncovalent immobilized artificial membrane chromatography, an improved method for describing peptide-lipid bilayer interactions 849(1999)125
- Krause, K., Girod, M., Chankvetadze, B. and Blaschke, G.
Enantioseparations in normal- and reversed-phase nano-high-performance liquid chromatography and capillary electrochromatography using polyacrylamide and polysaccharide derivatives as chiral stationary phases 837(1999)51
- Krautgartner, H., see Wintersteiger, R. 846(1999)349
- Kreis, W., see Braga, F.C. 822(1998)37
- Kremmer, T., see Bencsik, K. 824(1998)175
- Krisnangkura, K., see Jeyashoke, N. 818(1998)133
- Kristóf, J., see Kocsis, L. 845(1999)197
- Krivácsy, Z., Gelencsér, A., Hlavay, J., Kiss, G. and Sárvári, Z.
Electrokinetic injection in capillary electrophoresis and its application to the analysis of inorganic compounds 834(1999)21
- Křivánková, L., Pantůčková, P. and Boček, P.
Isotachophoresis in zone electrophoresis 838(1999)55
- Křivánková, L., see Procházková, A. 838(1999)213
- Křížek, M. and Pelikánová, T.
Determination of seven biogenic amines in foods by micellar electrokinetic capillary chromatography 815(1998)243
- Krocka, M., see Wu, Y. 822(1998)11
- Krokhin, O.V., Adamov, A.V., Hoshino, H., Shpigun, O.A. and Yotsuyanagi, T.
Separation selectivity of some ethylenediaminetetraacetic acid and cyclohexane-1,2-diaminetetraacetic acid complexes in column and ion electrokinetic chromatography 850(1999)269
- Kronqvist, K., Gustavsson, M., Wendel, A.-K. and Jaegfeldt, H.
Automated sample preparation for the determination of budesonide in plasma samples by liquid chromatography and tandem mass spectrometry 823(1998)401
- Krouskop, P.E., see McGuffin, V.L. 828(1998)37
- Krska, R.
Performance of modern sample preparation techniques in the analysis of *Fusarium* mycotoxins in cereals 815(1998)49
- Krska, R., see Rosenberg, E. 819(1998)277
- Krüger, K.D., see Bogusz, M.J. 844(1999)409
- Kruger, S., see Duncan, K. 815(1998)41
- Krull, I.S., see Dai, H.J. 807(1998)121
- Krull, I.S., see Strong, R.A. 824(1998)25
- Krupčík, J., see Špánik, I. 843(1999)123
- Krüsemann, P.V.E. and Jansen, J.A.J.
Application of on-line thermal desorption-gas chromatography-Fourier-transform infrared spectroscopy-mass spectrometry for the characterisation of polymers 819(1998)243

- Ku, Y.-R., Chang, Y.-S., Wen, K.-C. and Ho, L.-K.
Analysis and confirmation of synthetic anorexics in adulterated traditional Chinese medicines by high-performance capillary electrophoresis 848(1999)537
- Ku, Y.-R., Lin, Y.-T., Lin, J.-H., Wen, K.-C. and Liao, C.-H.
Determination of parishin, parishin B and parishin C in traditional Chinese medicinal formulas by micellar electrokinetic capillary chromatography 805(1998)301
- Ku, Y.-R., Lin, Y.-T., Wen, K.-C., Lin, J.-H. and Liao, C.-H.
Analysis of parishin, parishin B and parishin C in *Gastrodiae Rhizoma* by micellar electrokinetic capillary chromatography 805(1998)330
- Kubáň, P., see Kubáň, P. 836(1999)75
- Kubáň, P., Kubáň, P. and Kubáň, V.
Simultaneous capillary electrophoretic separation of small anions and cations after complexation with ethylenediaminetetraacetic acid 836(1999)75
- Kubáň, P., see Kubáň, P. 848(1999)545
- Kubáň, P., Kubáň, P. and Kubáň, V.
Capillary electrophoretic determination of inorganic anions in the drainage and surface water samples 848(1999)545
- Kuban, P., Tennberg, K., Tryzell, R. and Karlberg, B.
Calibration principles for flow injection analysis—capillary electrophoresis systems with electrokinetic injection 808(1998)219
- Kubáň, V., see Klejdus, B. 839(1999)261
- Kubáň, V., see Kubáň, P. 836(1999)75
- Kubáň, V., see Kubáň, P. 848(1999)545
- Kubota, H., Sato, K., Yamada, T. and Maitani, T.
Separation of respective species of phytochelatins and their desglycyl peptides (class III metallothioneins) and the precursors glutathione and γ -glutamylcysteine with capillary zone electrophoresis 803(1998)315
- Kubwabo, C., see Chen, M. 825(1998)37
- Kudrjashova, M., see Koel, M. 819(1998)75
- Kudzin, Z.H., see Kotyński, A. 813(1998)135
- Kudzin, Z.H., see Kotyński, A. 831(1999)321
- Kukes, V.G., see Metz, R. 810(1998)63
- Kuksis, A., see Okabe, H. 829(1998)81
- Kulik, A. and Fiedler, H.-P.
Some aspects of the purification of anthraquinone antibiotics by preparative reversed-phase liquid chromatography 812(1998)117
- Kulkarni, M.G., see Joshi, V.P. 849(1999)319
- Kumamaru, T., see Ito, K. 850(1999)247
- Kumar, S., see Srivastava, S. 841(1999)123
- Kummer, M. and Werner, G.
Chiral resolution of enantiomeric steroids by high-performance liquid chromatography on amylose tris(3,5-dimethylphenylcarbamate) under reversed-phase conditions 825(1998)107
- Kunori, S.-i., see Sasagawa, N. 848(1999)161
- Kunugi, S., see Tanaka, N. 802(1998)23
- Kuo, C.-y.
Improved application of ion chromatographic determination of carboxylic acids in ozonated drinking water 804(1998)265
- Kuo, K.-L., see Wang, C.-Yu. 802(1998)225
- Kupryszecki, G., see Mucha, P. 830(1999)183
- Kurose, T., see Isumi, Y. 806(1998)231
- Kurosu, Y., see Iwata, T. 810(1998)183
- Kurosu, Y., Murayama, K., Shindo, N., Shisa, Y., Satou, Y., Senda, M. and Ishioka, N.
Optical resolution of phenylthiohydantoin-amino acids and identification of phenylthiohydantoin-D-amino acid residue of [D-Ala²]-methionine enkephalin by capillary electrophoresis 802(1998)129
- Kurosu, Y., Satou, Y., Shisa, Y. and Iwata, T.
Comparison of the reproducibility in migration times between a constant-current and a constant-voltage mode of operation in capillary zone electrophoresis 802(1998)391
- Küsters, E., see Heuer, C. 827(1998)175
- Kutun, §., see Akseli, A. 847(1999)245
- Kutun, §. and Akseli, A.
New elution agent, sodium trimetaphosphate, for the separation and determination of rare earths by anion-exchange chromatography 847(1999)261
- Kuypers, A.W.H.M., Linssen, P.C.M., Lauer, H.H. and Mensink, E.J.B.M.
Contamination-free and automated composition of a reaction mixture for nucleic acid amplification using a capillary electrophoresis apparatus 806(1998)141
- Kvasnička, F.
Isotachophoretic determination of 3-methylhistidine 838(1999)191
- Kvasnička, F., see Blatný, P. 834(1999)419
- Kvasnicová, V., see Samcová, E. 847(1999)135
- Kwan, Y.-W., see Li, N. 849(1999)349
- Kwon, S.-M., Lee, K.-P., Tanaka, K. and Ohta, K.
Simultaneous determination of anions and cations by ion-exclusion chromatography—cation-exchange chromatography with tartaric acid/18-crown-6 as eluent 850(1999)79

L

- La Torre, F., see Cirilli, R. 818(1998)533
- Laborda, F., see Ramos, L. 823(1998)365
- Laborra, C., see Escobal, A. 823(1998)349
- Labrie, F., see Coquet, A. 828(1998)247
- Lacassie, E., Dreyfuss, M.-F., Daguet, J.L., Vignaud, M., Marquet, P. and Lachâtre, G.
Multiresidue determination of pesticides in apples and pears by gas chromatography—mass spectrometry 805(1998)319
- Lacassie, E., Dreyfuss, M.-F., Daguet, J.L., Vignaud, M., Marquet, P. and Lachâtre, G.
Liquid chromatography—electrospray mass spectrometry multi-residue determination of pesticides in apples and pears 830(1999)135
- Lachâtre, G., see Lacassie, E. 805(1998)319
- Lachâtre, G., see Lacassie, E. 830(1999)135

- Lachke, A., see Gole, A.M. 848(1999)485
 Lacke, T., see de Koning, J.A. 813(1998)55
 Lacomis, L., see Erdjument-Bromage, H. 826(1998)167
 Lacorte, S., Perrot, M.-C., Fraisse, D. and Barceló, D.
 Determination of chlorobenzidines in industrial effluent by solid-phase extraction and liquid chromatography with electrochemical and mass spectrometric detection 833(1999)181
 Lafont, R., see Striby, L. 849(1999)371
 Lagadec, A., see Yang, Yu. 810(1998)149
 Lahm, H.-W., see Fountoulakis, M. 826(1998)109
 Lai, J., see Van Breemen, R.B. 806(1998)67
 Laikhtman, M., see Jackson, L.K. 829(1998)187
 Laikhtman, M., see Jackson, P.E. 850(1999)131
 Laikhtman, M., Rivello, J. and Rohrer, J.S.
 Determination of magnesium and calcium in 30% sodium chloride by ion chromatography with on-line matrix elimination 816(1998)282
 Laikhtman, M. and Rohrer, J.S.
 Determination of fluorochemical surfactants in acid etch baths by ion chromatography with on-line matrix elimination 822(1998)321
 Lam, W.-K., see Tisch, T.L. 816(1998)3
 Lamaison, J.-L., see Gîrzu, M. 805(1998)315
 Lamb, J.D., see Niederhauser, T.L. 804(1998)69
 Lambert, W., see Borrey, D. 819(1998)125
 Lambert, W., see Dirinck, I. 819(1998)155
 Lambertsen Larsen, K. and Zimmerman, W.
 Capillary electrophoretic separation of α -, β -, γ - and δ -cyclodextrins using a dual electrolyte system 811(1998)193
 Lameire, N., see De Smet, R. 847(1999)141
 Lämmerhofer, M. and Lindner, W.
 High-efficiency chiral separations of *N*-derivatized amino acids by packed-capillary electrochromatography with a quinine-based chiral anion-exchange type stationary phase 829(1998)115
 Lämmerhofer, M. and Lindner, W.
 High-efficiency enantioseparations of *N*-derivatized amino acids by packed capillary electrochromatography using ODS silica and a quinine-derived chiral selector as ion-pair agent 839(1999)167
 Lamparczyk, H., see Zarzycki, P.K. 839(1999)149
 Lamparth, I., see Glausch, A. 809(1998)252
 Lan, Z.-H., Qian, X. and Giese, R.W.
 Preparation of an IMI dye (imidazole functional group) containing a 4-(*N,N*-dimethylaminosulfonyl)-2,1,3-benzoxadiazole fluorophore for labeling of phosphomonoesters 831(1999)325
 Landberg, E., Lundblad, A. and Pähsson, P.
 Temperature effects in high-performance anion-exchange chromatography of oligosaccharides 814(1998)97
 Landriault, M., see Wang, Z. 809(1998)89
 Landsiedel, R., Frank, H., Glatt, H. and Seidel, A.
 Direct optical resolution of *trans*-dihydrodiol enantiomers of fjord-region polycyclic aromatic hydrocarbons by high-performance liquid chromatography on a modified cellulose phase 822(1998)29
 Lang, M.J. and Burns, S.E.
 Improvement of EPA method 8330: complete separation using a two-phase approach 849(1999)381
 Lang, R., see Müller, R.K. 843(1999)275
 Langen, H., see Fountoulakis, M. 806(1998)279
 Langseth, W. and Rundberget, T.
 Instrumental methods for determination of nonmacrocyclic trichothecenes in cereals, foodstuffs and cultures 815(1998)103
 Laniewski, K., Borén, H., Grimvall, A. and Ekelund, M.
 Pyrolysis-gas chromatography of chloroorganic compounds in precipitation 826(1998)201
 Lankmayr, E.P., see Strassnig, S. 849(1999)629
 Lao, W., see You, J. 848(1999)117
 Lapinjoki, S., see Väätalo, H. 846(1999)49
 Laplanche, A., see Maris, C. 846(1999)331
 Larher, F., see Bouchereau, A. 836(1999)209
 Larroque, M., see Kelly, M.T. 841(1999)177
 Larsen, B., see Fang, Yu. 816(1998)39
 Larsen, Bo.R., see Glasius, M. 833(1999)121
 Larsen, K.L. and Zimmerman, W.
 Analysis and characterisation of cyclodextrins and their inclusion complexes by affinity capillary electrophoresis 836(1999)3
 Larsson, P.-O., see Gustavsson, P.-E. 830(1999)275
 Larsson, P.-O., see Gustavsson, P.-E. 832(1999)29
 Larsson, P.-O., see Pålsson, E. 840(1999)39
 Laskaridou-Monerville, A.
 Determination of capsaicin and dihydrocapsaicin by micellar electrokinetic capillary chromatography and its application to various species of *Capsicum*, Solanaceae 838(1999)293
 Laskaris, G., see Theodoridis, G. 802(1998)297
 Lauber, U., see Schollenberger, M. 815(1998)123
 Laubscher, A.E., see Venter, A. 847(1999)309
 Lauer, H.H., see Kuypers, A.W.H.M. 806(1998)141
 Laurell, T., see Kjellström, S. 823(1998)489
 Laurell, T., see Torto, N. 806(1998)265
 Laus, G., see Péter, A. 846(1999)39
 Lavee, S., see Ryan, D. 832(1999)87
 Lawrence, G.J., see Mottram, H.R. 833(1999)209
 Lawton, L.A., McElhiney, J. and Edwards, C.
 Purification of closely eluting hydrophobic microcystins (peptide cyanotoxins) by normal-phase and reversed-phase flash chromatography 848(1999)515
 Lazar, I.M., Lee, E.D., Rockwood, A.L. and Lee, M.L.
 General considerations for optimizing a capillary electrophoresis-electrospray ionization time-of-flight mass spectrometry system 829(1998)279
 Lazaro, M.-J., see Deelchand, J.-P. 830(1999)397
 Lazaro, M.J., Domin, M., Herod, A.A. and Kandiyoti, R.
 Fractionation of a wood tar pitch by planar chromatography for the characterisation of large molecular mass materials 840(1999)107
 Le Crouérou, G., see Renault, J.-H. 849(1999)421
 Le Menach, K., see Budzinski, H. 837(1999)187
 Le Men-Olivier, L., see Renault, J.-H. 849(1999)421

- Le Potier, I., Tamisier-Karolak, S.L., Morin, P., Megel, F. and Taverna, M.
Comparison of native, alkylated and charged cyclodextrins for the chiral separation of labetalol stereoisomers by capillary electrophoresis 829(1998)341
- Leal, C., Granados, M., Compañó, R. and Prat, M.-D.
Liquid chromatography with fluorimetric detection of triorganotin compounds in marine biological materials 809(1998)39
- Leal, C., see Graupera, E. 846(1999)413
- Leão, J.M., see Piñeiro, N. 847(1999)223
- Leavens, W.J., see Ayrton, J. 828(1998)199
- Lebrón-Aguilar, R., see García-Domínguez, J.A. 803(1998)197
- Lebrón-Aguilar, R., García-Domínguez, J.A. and Quintanilla-López, J.E.
Hold-up time in gas chromatography. IV. Improved determination of Kováts' retention indices 805(1998)161
- Lecchi, P. and Abramson, F.P.
Analysis of biopolymers by size-exclusion chromatography-mass spectrometry 828(1998)509
- Lechtenberg, M., Quandt, B., Kohlenberg, F.-J. and Nahrstedt, A.
Qualitative and quantitative micellar electrokinetic chromatography of kavalactones from dry extracts of *Piper methysticum* Forst. and commercial drugs 848(1999)457
- Leclercq, I., Horsmans, Y. and Desager, J.-P.
Estimation of chlorzoxazone hydroxylase activity in liver microsomes and of the plasma pharmacokinetics of chlorzoxazone by the same high-performance liquid chromatographic method 828(1998)291
- Leclercq, P.A., see Cramers, C.A. 842(1999)3
- Ledo, H., see Soto, L.M. 824(1998)45
- Lee, C.H., Lee, J.W. and Row, K.H.
Optimum solvent selectivity and gradient mode for deoxyribonucleosides in reversed-phase high-performance liquid chromatography 828(1998)337
- Lee, C.S. and Cheong, W.J.
Thermodynamic properties for the solute transfer from the mobile to the stationary phase in reversed phase liquid chromatography obtained by squalane-impregnated C₁₈ bonded phase 848(1999)9
- Lee, D., see Medve, J. 808(1998)153
- Lee, D.-S., Wu, C. and Hill Jr., H.H.
Detection of carbohydrates by electrospray ionization-ion mobility spectrometry following microbore high-performance liquid chromatography 822(1998)1
- Lee, D.W., see Kim, D.H. 824(1998)63
- Lee, D.-W., see Park, H.-M. 829(1998)215
- Lee, E.D., see Lazar, I.M. 829(1998)279
- Lee, H.K., see He, Y. 808(1998)79
- Lee, H.K., see Liu, W. 805(1998)109
- Lee, H.K., see Liu, W. 834(1999)45
- Lee, H.K., see Wang, P. 811(1998)219
- Lee, H.K., see Wang, Y. 803(1998)219
- Lee, H.M., see Lee, H.S. 848(1999)179
- Lee, H.S., Jeong, C.K., Lee, H.M., Choi, S.J., Do, K.S., Kim, K. and Kim, Y.H.
On-line trace enrichment for the simultaneous determination of microcystins in aqueous samples using high-performance liquid chromatography with diode-array detection 848(1999)179
- Lee, J.H., Kim, J.S., Min, B.H., Kim, S.T. and Kim, J.H.
Determination of anions in certified reference materials by ion chromatography 813(1998)85
- Lee, J.W., see Lee, C.H. 828(1998)337
- Lee, K.-B., see Park, H.-M. 829(1998)215
- Lee, K.-P., see Kwon, S.-M. 850(1999)79
- Lee, K.-P., see Ryu, J.W. 814(1998)247
- Lee, K.-P., see Tanaka, K. 850(1999)311
- Lee, M.L., see Bowerbank, C.R. 818(1998)265
- Lee, M.L., see Lazar, I.M. 829(1998)279
- Lee, M.L., see Mössner, S.G. 841(1999)207
- Lee, M.L., see Shao, X. 809(1998)171
- Lee, M.L., see Shao, X. 830(1999)415
- Lee, M.L., see Shen, Y. 806(1998)345
- Lee, M.L., see Tang, Q. 837(1999)35
- Lee, M.-R., Yeh, Y.-C., Hsiang, W.-S. and Hwang, B.-H.
Solid-phase microextraction and gas chromatography-mass spectrometry for determining chlorophenols from landfill leaches and soil 806(1998)317
- Lee, S.S., see Osawa, A.E. 831(1999)217
- Lee, W., see Hyun, M.H. 822(1998)155
- Lee, W., see Hyun, M.H. 837(1999)75
- Lee, W.-C., see Lin, S.-C. 803(1998)302
- Leemans, R., see Vander Heyden, Y. 830(1999)3
- Legaz, M.E., Vicente, C. and Pedrosa, M.M.
Separation of tosylated polyamines by high-performance capillary zone electrophoresis 823(1998)511
- Legeay, P., see Bouzige, M. 846(1999)317
- Lehmann, R., see Voelter, W. 807(1998)135
- Lehtinen, S., see Lehtonen, P. 836(1999)173
- Lehtonen, P., Lehtinen, S., Mälkki-Laine, L. and Wikberg, T.
Micellar electrokinetic capillary chromatography method for direct determination of glucuronides of entacapone and its (Z)-isomer in human urine 836(1999)173
- Lei, J., Chen, D.A. and Regnier, F.E.
Rapid verification of disulfide linkages in recombinant human growth hormone by tandem column tryptic mapping 808(1998)121
- Leinweber, F.C. and Otto, M.
Systematic optimization of peak capacity for pesticide separation in micellar electrokinetic chromatography 848(1999)347
- Leitch II, W.E., see Deshmukh, R.R. 806(1998)77
- Leitner, E., see Siegmund, B. 840(1999)249
- Lemley, A.T., see Hong, S. 822(1998)253
- Lemr, K., see Barták, P. 818(1998)231
- Lendl, B., see Vonach, R. 824(1998)159
- Lenfeld, J., see Vaňková, R. 811(1998)77
- Lenhoff, A.M., see Chang, C. 827(1998)281
- Lennemann, F., see Matz, G. 819(1998)51
- Lennemann, F., see Matz, G. 830(1999)365
- Leone, L., see Bompadre, S. 812(1998)191
- Leone, L., see Bompadre, S. 812(1998)249
- Leonelli, A., see Di Muccio, A. 833(1999)19

- Leonelli, A., see Di Muccio, A. 833(1999)61
- León-González, M.E., see Fernández-Salinero, G. 839(1999)227
- Lepane, V.
Comparison of XAD resins for the isolation of humic substances from seawater 845(1999)329
- Lepetit, L., see Ceugniet, C. 810(1998)237
- Lepore, L., see Cecinato, A. 846(1999)255
- Lepoudre, X., see Roets, E. 812(1998)303
- LePree, J.M. and Cancino, M.E.
Application of the phenomenological model to retention in reversed-phase high-performance liquid chromatography 829(1998)41
- Lesellier, E., Gurdale, K. and Tchapla, A.
Separation of *cis/trans* isomers of β-carotene by supercritical fluid chromatography 844(1999)307
- Lespes, G., Desauziers, V., Montigny, C. and Potin-Gautier, M.
Optimization of solid-phase microextraction for the speciation of butyl- and phenyltins using experimental designs 826(1998)67
- Lespes, G., see Montigny, C. 819(1998)221
- Less, M., see Schmidt, T.C. 810(1998)161
- Less, M., Schmidt, T.C., von Löw, E. and Stork, G.
Gas chromatographic determination of aromatic amines in water samples after solid-phase extraction and derivatization with iodine. II. Enrichment 810(1998)173
- Lester, P., see Iyer, H. 832(1999)1
- Lester, P.M., see Fahrner, R.L. 827(1998)37
- Lester, P.M., see Fahrner, R.L. 830(1999)127
- Letellier, M., see Budzinski, H. 837(1999)187
- Leterq, D., see Strzelczyk, F. 822(1998)326
- Letham, D.S., see Hocart, C.H. 811(1998)246
- Levêque, D., Gallion-Renault, C., Monteil, H. and Jehl, F.
Analysis of recent antimicrobial agents in human biological fluids by high-performance liquid chromatography 815(1998)163
- Levison, P.R., Badger, S.E., Dennis, J., Hathi, P., Davies, M.J., Bruce, I.J. and Schimkat, D.
Recent developments of magnetic beads for use in nucleic acid purification 816(1998)107
- Levison, P.R., Badger, S.E., Hathi, P., Davies, M.J., Bruce, I.J. and Grimm, V.
New approaches to the isolation of DNA by ion-exchange chromatography 827(1998)337
- Levsen, K., see Benfenati, E. 831(1999)243
- Lewandowska, A., see Bruno, T.J. 844(1999)191
- Lewis, A.C., see Mondello, L. 842(1999)373
- Lewis, D.F., see Stathakis, C. 817(1998)227
- Lewis, K.S., see Kelly, R.G. 834(1999)433
- Lewis, K.S., Yuan, J. and Kelly, R.G.
Chemical conditions inside occluded regions on corroding aircraft aluminum alloys 850(1999)375
- Li, F., Goessler, W. and Igolic, K.J.
Determination of trimethylselenonium iodide, selenomethionine, selenious acid, and selenic acid using high-performance liquid chromatography with on-line detection by inductively coupled plasma mass spectrometry or flame atomic absorption spectrometry 830(1999)337
- Li, F., see Zhang, H. 809(1998)65
- Li, J. and Fritz, J.S.
Separation of anilines by capillary electrophoresis with small ionic compounds as buffer additives 840(1999)269
- Li, J., Thibault, P., Martin, A., Richards, J.C., Wakarchuk, W.W. and van der Wilp, W.
Development of an on-line preconcentration method for the analysis of pathogenic lipopolysaccharides using capillary electrophoresis-electrospray mass spectrometry. Application to small colony isolates 817(1998)325
- Li, K., see Llompert, M. 824(1998)53
- Li, L., see Floyd, P.D. 830(1999)105
- Li, L. and McGown, L.B.
Effects of gel material on fluorescence lifetime detection of dyes and dye-labeled DNA primers in capillary electrophoresis 841(1999)95
- Li, N., Lin, G., Kwan, Y.-W. and Min, Z.-D.
Simultaneous quantification of five major biologically active ingredients of saffron by high-performance liquid chromatography 849(1999)349
- Li, P.C.H., see Hu, S. 844(1999)439
- Li, S.-C., see Wu, J. 817(1998)163
- Li, S.F.Y., see Wang, P. 811(1998)219
- Li, S.F.Y., see Wang, T. 802(1998)159
- Li, S.F.Y., see Wang, T. 834(1999)233
- Li, S.F.Y., see Xiong, X. 822(1998)125
- Li, S.F.Y., see Xiong, X. 835(1999)169
- Li, T., see Wu, Y. 822(1998)11
- Li, X., see Ren, H. 817(1998)307
- Li, Y.M., Van Schepdael, A., Zhu, Y., Roets, E. and Hoogmartens, J.
Development and validation of amoxicillin determination by micellar electrokinetic capillary chromatography 812(1998)227
- Li, L.-Z., see He, X.-G. 815(1998)205
- Li, L.-Z., see He, X.-G. 818(1998)127
- Li, L.-Z., see Lin, L.-Z. 810(1998)71
- Liang, H. and Lin, B.-C.
Frameworks of separation theories from two separate worlds: dynamics and thermodynamics 828(1998)3
- Liang, H. and Lin, B.-C.
Integral optimizing functional of separation efficiency 841(1999)133
- Liang, Y., Denton, M.B. and Bates, R.B.
Stability studies of tetracycline in methanol solution 827(1998)45
- Liao, C.-H., see Ku, Y.-R. 805(1998)301
- Liao, C.-H., see Ku, Y.-R. 805(1998)330
- Liao, J.-L., see Tisch, T.L. 816(1998)3
- Liao, Y., see Selditz, U. 803(1998)169
- Liao, Z., see Chen, P. 839(1999)239
- Lapis, A.I., see Meyers, J.J. 827(1998)197
- Lapis, A.I., Sadikoglu, H. and Crosser, O.K.
Frontal chromatography of proteins: The effect on column performance of the restricted diffusion of molecules in porous chromatographic adsorbents 828(1998)345
- Liebich, H.M. and Gesele, E.
Profiling of organic acids by capillary gas chromatography-mass spectrometry after direct methylation in urine using trimethyloxonium tetrafluoroborate 843(1999)237

- Liebich, H.M., see Wahl, H.G. 847(1999)1
 Liebich, H.M., see Wahl, H.G. 847(1999)117
 Liebich, H.M., see Zhao, R. 828(1998)489
 Lien, H.-M., see Chen, S.-H. 849(1999)357
 Lightfoot, E.N., see Yuan, Q.S. 831(1999)149
 Ligor, M. and Buszewski, B.
 Determination of menthol and menthone in food and pharmaceutical products by solid-phase microextraction-gas chromatography 847(1999)161
 Lim, H.K., Stellingweif, S., Sisenwine, S. and Chan, K.W.
 Rapid drug metabolite profiling using fast liquid chromatography, automated multiple-stage mass spectrometry and receptor-binding 831(1999)227
 Lim, S., Manusu, H.P., Gooley, A.A., Williams, K.L. and Rylatt, D.B.
 Purification of monoclonal antibodies from ascitic fluid using preparative electrophoresis 827(1998)329
 Lim, Y.-P., see Josić, D. 803(1998)61
 Lin, B.-C., see Liang, H. 828(1998)3
 Lin, B.-C., see Liang, H. 841(1999)133
 Lin, C.-E., see Chen, Y.-C. 802(1998)95
 Lin, C.-E., Chen, Y.-T. and Wang, T.-Z.
 Separation of benzenediamines, benzenediols and aminophenols in oxidative hair dyes by micellar electrokinetic chromatography using cationic surfactants 837(1999)241
 Lin, C.-E., Hsueh, C.-C., Wang, T.-Z., Chiu, T.-C. and Chen, Y.-C.
 Migration behavior and separation of *s*-triazines in micellar electrokinetic capillary chromatography using a cationic surfactant 835(1999)197
 Lin, G., see Li, N. 849(1999)349
 Lin, J.-G., Arunkumar, R. and Liu, C.-H.
 Efficiency of supercritical fluid extraction for determining 4-nonylphenol in municipal sewage sludge 840(1999)71
 Lin, J.-H., see Ku, Y.-R. 805(1998)301
 Lin, J.-H., see Ku, Y.-R. 805(1998)330
 Lin, J.-L., see Chen, K. 822(1998)281
 Lin, J.-M., see Chen, Z. 813(1998)369
 Lin, J.-M., Goto, H. and Yamada, M.
 On-line chemiluminescence detection for capillary electrophoresis based on the reaction of barium peroxide with luminescence reagents 844(1999)341
 Lin, J.-T., McKeon, T.A., Woodruff, C.L. and Singleton, J.A.
 Separation of synthetic phosphatidylcholine molecular species by high-performance liquid chromatography on a C₈ column 824(1998)169
 Lin, J.-T., Snyder, L.R. and McKeon, T.A.
 Prediction of relative retention times of triacylglycerols in non-aqueous reversed-phase high-performance liquid chromatography 808(1998)43
 Lin, L., Zhang, J., Wang, P., Wang, Y. and Chen, J.
 Thin-layer chromatography of mycotoxins and comparison with other chromatographic methods 815(1998)3
 Lin, L.-Z., see He, X.-G. 815(1998)205
 Lin, L.-Z., see He, X.-G. 818(1998)127
 Lin, L.-Z., He, X.-G., Lian, L.-Z., King, W. and Elliott, J.
 Liquid chromatographic-electrospray mass spectrometric study of the phthalides of *Angelica sinensis* and chemical changes of Z-ligustilide 810(1998)71
 Lin, M.-C., Tsai, M.-J. and Wen, K.-C.
 Supercritical fluid extraction of flavonoids from *Scutellariae Radix* 830(1999)387
 Lin, M.-S., see Ruaan, R.-C. 824(1998)35
 Lin, S.-C., Chen, Y.-C. and Lin, Y.-M.
 General approach for the development of high-performance liquid chromatography methods for biosurfactant analysis and purification 825(1998)149
 Lin, S.-C. and Lee, W.-C.
 Separation of a fructo-oligosaccharide mixture by hydrophilic interaction chromatography using silica-based micropellicular sorbents 803(1998)302
 Lin, Y.-M., see Lin, S.-C. 825(1998)149
 Lin, Y.-T., see Ku, Y.-R. 805(1998)301
 Lin, Y.-T., see Ku, Y.-R. 805(1998)330
 Lin, Y.-W. and Que Hee, S.S.
 Simultaneous gas chromatographic-mass spectrometric quantitation of the alkylbenzene inert components, pesticide manufacturing by-products and active ingredient in two malathion formulations 814(1998)181
 Linares, R.M., Ayala, J.H., Afonso, A.M. and Díaz, V.G.
 Rapid microwave-assisted dansylation of biogenic amines. Analysis by high-performance liquid chromatography 808(1998)87
 Lindberg, P., Hanning, A., Lindberg, T. and Roeraade, J.
 Fiber-optic-based UV-visible absorbance detector for capillary electrophoresis, utilizing focusing optical elements 809(1998)181
 Lindberg, T., see Lindberg, P. 809(1998)181
 Lindenmaier, M., see He, X.-G. 818(1998)127
 Lindner, E., see Wielandt, W. 805(1998)71
 Lindner, W., see Lämmerhofer, M. 829(1998)115
 Lindner, W., see Lämmerhofer, M. 839(1999)167
 Lindsey, J.S., see Ciringh, Y. 816(1998)251
 Linek, V., see Janda, V. 823(1998)523
 Ling, Y.-C., Teng, H.-C. and Cartwright, C.
 Supercritical fluid extraction and clean-up of organochlorine pesticides in Chinese herbal medicine 835(1999)145
 Lingeman, H., see Bardelmeijer, H.A. 807(1998)3
 Linssen, P.C.M., see Kuypers, A.W.H.M. 806(1998)141
 Lionetti, C., see Frattini, V. 809(1998)241
 Lipczynski, A.M., see Szücs, R. 836(1999)53
 Lipka, P., see Kotyński, A. 813(1998)135
 Liptaj, T., see Štolcová, M. 847(1999)351
 Lisichkin, G.V., see Roshchina, T.M. 844(1999)225
 Lister, A.S., Rimmer, C.A. and Dorsey, J.G.
 Gradient elution electrochromatography with a flow-injection analysis interface 828(1998)105
 Litowski, J.R., see Mant, C.T. 816(1998)65
 Little, J.L.
 Artifacts in trimethylsilyl derivatization reactions and ways to avoid them 844(1999)1
 Little, M., see Kei Lau, S. 809(1998)203
 Liu, B.-F., Liu, L.-B. and Cheng, J.-K.
 Analysis of inorganic cations as their complexes by capillary electrophoresis 834(1999)277
 Liu, B.-F., Liu, L.-B. and Cheng, J.-K.
 Analysis of metal complexes in the presence of mixed ion pairing additives in capillary electrophoresis 848(1999)473

- Liu, B.-L., see Chen, J.-W. 830(1999)115
 Liu, C. and Verma, S.S.
 Direct coupling of ionic high-performance liquid chromatography with electrospray ionization mass spectrometry utilizing a microdialysis junction interface 835(1999)93
 Liu, C.-H., see Lin, J.-G. 840(1999)71
 Liu, C.-M. and Tzeng, Y.-M.
 Quantitative analysis of thuringiensin by micellar electrokinetic capillary chromatography 809(1998)258
 Liu, C.-Y. and Chen, W.-H.
 Electrophoretic separation of inorganic anions with an anion complexone-modified capillary column 815(1998)251
 Liu, C.-Y., see Chen, W.-H. 848(1999)401
 Liu, F., see Yang, Y. 834(1999)387
 Liu, F., see Yang, Y. 834(1999)393
 Liu, F.-K., see Wei, G.-T. 836(1999)253
 Liu, H., Duda, C.T., Huang, T., Aruda, W.O. and Kissinger, P.T.
 Optimization of post-column photolysis and electrochemical detection for the liquid chromatographic determination of 3-nitro-L-tyrosine 818(1998)69
 Liu, H., Sáñuda-Peña, M.C., Harvey-White, J.D., Kalra, S. and Cohen, S.A.
 Determination of submicromolar concentrations of neurotransmitter amino acids by fluorescence detection using a modification of the 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate method for amino acid analysis 828(1998)383
 Liu, H., see Sirén, H. 839(1999)203
 Liu, H., see Yang, J. 811(1998)274
 Liu, K., see Yang, X. 813(1998)201
 Liu, K.-N., see Huang, Y. 832(1999)141
 Liu, K.-N., see Qu, F. 850(1999)277
 Liu, L., see Roets, E. 812(1998)303
 Liu, L.-B., see Liu, B.-F. 834(1999)277
 Liu, L.-B., see Liu, B.-F. 848(1999)473
 Liu, M., see Chen, P. 839(1999)239
 Liu, W. and Lee, H.K.
 Degradation study of unsaturated anhydrides by reversed-phase high-performance liquid chromatography 805(1998)109
 Liu, W. and Lee, H.K.
 Chemical modification of analytes in speciation analysis by capillary electrophoresis, liquid chromatography and gas chromatography 834(1999)45
 Liu, W., see Zhu, Y. 850(1999)297
 Liu, Y., Locke, B.R., Van Winkle, D.H. and Rill, R.L.
 Optimizing capillary gel electrophoretic separations of oligonucleotides in liquid crystalline Pluronic F127 817(1998)367
 Liu, Y. and Pietrzyk, D.J.
 Separation of weak organic acids and bases by capillary zone electrophoresis in a sulfonated-polymer wall-modified open tubular fused-silica capillary 804(1998)337
 Liu, Y., see Rill, R.L. 817(1998)287
 Liu, Y., see Zhang, L. 839(1999)49
 Ljunglöf, A., Bergvall, P., Bhikhambhai, R. and Hjorth, R.
 Direct visualisation of plasmid DNA in individual chromatography adsorbent particles by confocal scanning laser microscopy 844(1999)129
 Ljunglöf, A. and Thömmes, J.
 Visualising intraparticle protein transport in porous adsorbents by confocal microscopy 813(1998)387
 Llompart, M., Li, K. and Fingas, M.
 Headspace solid-phase microextraction for the determination of volatile and semi-volatile pollutants in water and air 824(1998)53
 Lo, J.-H., see Ding, W.-H. 818(1998)270
 Lobbes, J.M., see Fitznar, H.P. 832(1999)123
 Łobiński, R., see Chassaigne, H. 829(1998)127
 Lochey, F., see Osborn, H.M.I. 831(1999)267
 Lochmann, H., see Bazzanella, A. 809(1998)231
 Lochmann, H., Bazzanella, A. and Bächmann, K.
 Analysis of solutes and metabolites in single plant cell vacuoles by capillary electrophoresis 817(1998)337
 Lochmann, H., see Tjørnelund, J. 811(1998)211
 Lock, S., see Day, L. 836(1999)147
 Locke, B.R., see Liu, Y. 817(1998)367
 Locke, B.R., see Rill, R.L. 817(1998)287
 Locke, D.C., see Chen, K. 822(1998)281
 Lode, H., see Borner, K. 846(1999)175
 Loeppert, R.H., see Howe, J.A. 841(1999)155
 Logtenberg, H., see Xu, X. 830(1999)439
 Long, H., see Yang, J. 811(1998)274
 Longo, A., see Frassanito, R. 806(1998)366
 Longo, F., see Fiori, M. 807(1998)219
 Loogk, M., see Matz, G. 819(1998)51
 Lookhart, G.L., see Bean, S.R. 814(1998)25
 Loos, R. and Niessner, R.
 Analysis of aromatic sulfonates in water by solid-phase extraction and capillary electrophoresis 822(1998)291
 Loos, R. and Niessner, R.
 Analysis of atrazine, terbutylazine and their *N*-dealkylated chloro and hydroxy metabolites by solid-phase extraction and gas chromatography–mass spectrometry and capillary electrophoresis–ultraviolet detection 835(1999)217
 Looser, R. and Ballschmiter, K.
 Gas chromatographic separation of semivolatile organohalogen compounds on the new stationary phase Optima δ-3 836(1999)271
 Lopez de Alda, M.J., see Mössner, S.G. 841(1999)207
 López, F.J., Beltran, J., Forcada, M. and Hernández, F.
 Comparison of simplified methods for pesticide residue analysis. Use of large-volume injection in capillary gas chromatography 823(1998)23
 Lopez, F.J., see Beltran, J. 808(1998)257
 López, F.J., see Hidalgo, C. 823(1998)121
 López, J., see Marín, M.L. 819(1998)289
 López, J.A., see Camafeita, E. 823(1998)299
 López, J.A., see Martínez, V. 836(1999)189
 López, R., see Ferreira, V. 806(1998)349
 López, R., see Ferreira, V. 824(1998)195
 Lopez, R., Pou, L., Andres, I., Monforte, V., Roman, A. and Pascual, C.
 Amphotericin B determination in respiratory secretions by reversed-phase liquid chromatography 812(1998)135

- López Sabater, M.C., see Morera Pons, S. 823(1998)467
- López Sabater, M.C., see Morera Pons, S. 823(1998)475
- López-Barajas, M., López-Tamames, E. and Buxaderas, S.
Improved size-exclusion high-performance liquid chromatographic method for the simple analysis of grape juice and wine polysaccharides 823(1998)339
- Lopez-Canovas, L., Biscay, R., Noa, M.D., Perez, G., Herrera, J.A., Orozco, E. and Riveron, A.M.
Comparison of DNA migrations in two clamped homogeneous electric field chambers of different sizes
Relation between sample thickness and electrophoresis time 806(1998)187
- Lopez-Canovas, L., Galan, L., Orozco, E. and Riveron, A.M.
Kinetic properties of DNA migration under clamped homogeneous electric field conditions DNA size, migration velocities and reorientation time determined in a single clamped homogeneous electric field run 806(1998)123
- López-Fandiño, R., see López-Tapia, J. 836(1999)153
- Lopez-Sebastian, S., see Ibañez, E. 823(1998)313
- López-Tamames, E., see López-Barajas, M. 823(1998)339
- López-Tapia, J., García-Risco, M.R., Manso, M.A. and López-Fandiño, R.
Detection of the presence of soya protein in milk powder by sodium dodecyl sulfate capillary electrophoresis 836(1999)153
- Lorenzini, R., see Valenzuela, A.I. 839(1999)101
- Louis, A.M., see Bringmann, G. 837(1999)267
- Loureiro, J.M., see Pais, L.S. 827(1998)215
- Louter, A.J.H., Vreuls, J.J. and Brinkman, U.A.Th.
On-line combination of aqueous-sample preparation and capillary gas chromatography (Review) 842(1999)391
- Lovdahl, M.J. and Pietrzyk, D.J.
Anion-exchange separation and determination of bisphosphonates and related analytes by post-column indirect fluorescence detection 850(1999)143
- Lowery, N.B. and Aue, W.A.
Photometric response of a very small, stoichiometric hydrogen-air flame to compounds of the iron group 806(1998)305
- Lozano, P., Castellar, M.R., Simancas, M.J. and Iborra, J.L.
Quantitative high-performance liquid chromatographic method to analyse commercial saffron (*Crocus sativus* L.) products 830(1999)477
- Lu, H., see Yang, Y. 834(1999)387
- Lu, J., see Deng, B. 803(1998)321
- Lu, X.-R., see Zhang, L.-F. 840(1999)225
- Lubbad, S.H., see Merschman, S.A. 829(1998)377
- Lucarelli, C., see Accianni, R. 828(1998)397
- Lucarelli, C., see Floridi, A. 846(1999)65
- Lucentini, L., see Draisici, R. 847(1999)213
- Lucini, R., see Bolzacchini, E. 813(1998)255
- Luckas, B., see Vetter, W. 846(1999)375
- Lucy, C.A.
What are the unanswered (and unasked) questions in ion analysis? 804(1998)3
- Lucy, C.A.
Factors affecting selectivity of inorganic anions in capillary electrophoresis 850(1999)319
- Lue, S.J. and Huang, C.
Applications of ion chromatography in the semiconductor industry. II. Determination of basic airborne contaminants in a cleanroom 850(1999)283
- Lue, S.J., Wu, T., Hsu, H. and Huang, C.
Application of ion chromatography to the semiconductor industry. I. Measurement of acidic airborne contaminants in cleanrooms 804(1998)273
- Luft, D., see Wahl, H.G. 847(1999)117
- Lui, M., see Erdjument-Bromage, H. 826(1998)167
- Luisetti, M., see Viglio, S. 846(1999)125
- Lund, M., see Kallenborn, R. 846(1999)295
- Lund, W., see Tangen, A. 826(1998)87
- Lund, W., see Trones, R. 835(1999)105
- Lundanes, E., see Brede, C. 849(1999)553
- Lundanes, E., see Molander, P. 847(1999)59
- Lundanes, E., see Sakhi, A.K. 828(1998)451
- Lundblad, A., see Landberg, E. 814(1998)97
- Luo, G., see Wang, Q. 848(1999)139
- Luo, G.A., see Wei, W. 817(1998)65
- Luo, Q., Andrade, J.D. and Caldwell, K.D.
Thin-layer ion-exchange chromatography of proteins 816(1998)97
- Luo, R.G., see Kang, Y. 809(1998)13
- Luo, W.C., see Gao, V.C.X. 828(1998)141
- Luong, J.H.T. and Guo, Y.
Mixed-mode capillary electrokinetic separation of positional explosive isomers using sodium dodecyl sulfate and negative- β -cyclodextrin derivatives 811(1998)225
- Luong, J.H.T., see Hilmi, A. 844(1999)97
- Luong, J.H.T., Rigby, T., Male, K.B. and Bouvrette, P.
Derivatization of resin acids with a fluorescent label for cyclodextrin-modified electrophoretic separation 849(1999)255
- Luque de Castro, M.D. and Fernández-Romero, J.M.
Synergistic approaches based on nonchromatographic continuous separation techniques (solid-phase extraction and pervaporation) and chromatography couplings 819(1998)25
- Lustig, S.R.
Peak-referenced integral method for size exclusion chromatography and its application to aromatic polyesters 839(1999)1
- Lutermann, C., Dott, W. and Hollender, J.
Combined modifier/in situ derivatization effects on supercritical fluid extraction of polycyclic aromatic hydrocarbons from soil 811(1998)151
- Lutermann, C., Willems, E., Dott, W. and Hollender, J.
Effects of various binary and ternary supercritical phases on the extraction of polycyclic aromatic hydrocarbons from contaminated soils 816(1998)201
- Lynch, B., see Merly, C. 804(1998)187

M

- Ma, C.Yu., McCorkle, D.L., Ding, W. and Pinnaduwage, L.A.
Methodology for gas chromatographic-mass spectral analysis of volatile organic compounds emerging from a low-pressure, flow-through reaction cell 844(1999)217
- Ma, S. and Horváth, Cs.
Capillary zone electrophoresis at subzero temperatures. III. Operating conditions and separation efficiency 825(1998)55
- Ma, Y., see Ito, Y. 802(1998)277
- Mabilia, R., see Brancaleoni, E. 845(1999)317
- Macdonald, R.W., see Shang, D.Y. 849(1999)467
- Macfarlane, R.D., see Watkins, L.K. 840(1999)183
- Machida, Y., Nishi, H., Nakamura, K., Nakai, H. and Sato, T.
Enantiomer separation of amino compounds by a novel chiral stationary phase derived from crown ether 805(1998)85
- Machida, Y., Nishi, H. and Nakamura, K.
Nuclear magnetic resonance studies for the chiral recognition of the novel chiral stationary phase derived from 18-crown-6 tetracarboxylic acid 810(1998)33
- Machida, Y., Nishi, H. and Nakamura, K.
Enantiomer separation of hydrophobic amino compounds by high-performance liquid chromatography using crown ether dynamically coated chiral stationary phase 830(1999)311
- Macka, M., see Doble, P. 804(1998)327
- Macka, M., see Havel, J. 850(1999)345
- Macka, M., Nesterenko, P., Andersson, P. and Haddad, P.R.
Separation of uranium(VI) and lanthanides by capillary electrophoresis using on-capillary complexation with arsenazo III 803(1998)279
- Macka, M., see Vachirapatama, N. 850(1999)257
- Mackenzie, K., see Pörschmann, J. 816(1998)221
- Madariaga, J.M., see Zuloaga, O. 849(1999)225
- Madden, J.E., Avdalovic, N., Jackson, P.E. and Haddad, P.R.
Critical comparison of retention models for optimisation of the separation of anions in ion chromatography. III. Anion chromatography using hydroxide eluents on a Dionex AS11 stationary phase 837(1999)65
- Madden, J.E. and Haddad, P.R.
Critical comparison of retention models for optimisation of the separation of anions in ion chromatography. I. Non-suppressed anion chromatography using phthalate eluents and three different stationary phases 829(1998)65
- Madden, J.E. and Haddad, P.R.
Critical comparison of retention models for the optimisation of the separation of anions in ion chromatography. II. Suppressed anion chromatography using carbonate eluents 850(1999)29
- Madejón, E., see Fernández-Boy, M.E. 823(1998)279
- Maeda, K., see Oka, H. 813(1998)71
- Maeda, T., see Hino, T. 810(1998)141
- Maeda, T., see Yamamoto, N. 819(1998)177
- Maeno, S., Eddy, C.L. and Rodriguez, P.A.
Identification of compounds responsible for an off-odor in wet polyacrylate superabsorbent polymers 849(1999)217
- Maes, A., see Bauer, K.-H. 837(1999)117
- Maes, P., see Strelc, B. 819(1998)113
- Magaña, I., see Tejeda, A. 830(1999)293
- Maggi, R., see Peri, F. 802(1998)315
- Mahan-Boyce, J.A., see Balland, A. 846(1999)143
- Mahuzier, G., see Franco, C.M. 815(1998)21
- Maier, R.-D., see Bogusz, M.J. 844(1999)409
- Maile, R., Dani, F.R., Jones, G.R., Morgan, E.D. and Ortius, D.
Sampling techniques for gas chromatographic-mass spectrometric analysis of long-chain free fatty acids from insect exocrine glands 816(1998)169
- Maitani, T., see Kubota, H. 803(1998)315
- Majors, R.E., see Ji, Z. 842(1999)115
- Mák, M., see Bencsik, K. 824(1998)175
- Makamba, H., Andrisano, V., Gotti, R., Cavrini, V. and Felix, G.
Sparteine as mobile phase modifier in the chiral separation of hydrophobic basic drugs on an α_1 -acid glycoprotein column 818(1998)43
- Makino, S., see Nagamatsu, S. 832(1999)55
- Malaisse, W.J., see Scruel, O. 847(1999)53
- Malan, A.K., see Ake, M. 826(1998)183
- Maldacker, T., see Chen, K. 822(1998)281
- Male, K.B., see Luong, J.H.T. 849(1999)255
- Malinar, M.J., see Milojković-Opsenica, D.M. 847(1999)291
- Mälki-Laine, L., see Lehtonen, P. 836(1999)173
- Mallat, E. and Barceló, D.
Analysis and degradation study of glyphosate and of aminomethylphosphonic acid in natural waters by means of polymeric and ion-exchange solid-phase extraction columns followed by ion chromatography-post-column derivatization with fluorescence detection 823(1998)129
- Mallett, D.N., see Ayerton, J. 828(1998)199
- Malosse, C., Kerhoas, L. and Einhorn, J.
Gas-phase reagents for carbon-carbon double bond location: new applications. II. Use of vinyl methyl ether chemical ionization mass spectrometry to characterize C_{23} to C_{33} insect cuticular alkenes 803(1998)203
- Maly, S., see Morselli, L. 845(1999)357
- Mamura, Y., see Koshiishi, I. 806(1998)340
- Manabe, Y., see Mao, Q. 802(1998)203
- Mandl, M., see Glatz, Z. 838(1999)139
- Mandrou, B., see Ake, M. 826(1998)183
- Mañes, J., see Ibáñez, M. 823(1998)137
- Mangano, M.F., Battaglia, C., Salani, G., Bernardi, L.R. and De Bellis, G.
Composition dependent separation of oligonucleotides by capillary electrophoresis in acidic buffers with application to the quality control of synthetic oligonucleotides 848(1999)435
- Manini, P., see Andreoli, R. 847(1999)9
- Manna, L., Valvo, L. and Betto, P.
Determination of oxidized and reduced glutathione in pharmaceuticals by reversed-phase high-performance liquid chromatography with dual electrochemical detection 846(1999)59
- Mannina, L., see Aturki, Z. 817(1998)91

- Manso, M.A., see López-Tapia, J. 836(1999)153
- Mant, C.T., Kondejewski, L.H. and Hodges, R.S.
Hydrophilic interaction/cation-exchange chromatography
for separation of cyclic peptides 816(1998)79
- Mant, C.T., Litowski, J.R. and Hodges, R.S.
Hydrophilic interaction/cation-exchange chromatography
for separation of amphipathic α -helical peptides
816(1998)65
- Manusu, H.P., see Lim, S. 827(1998)329
- Manz, A., see Eijkel, J.C.T. 815(1998)265
- Mao, Q., Hashimoto, Y., Manabe, Y., Ikuta, N., Nishiyama, F.
and Hirokawa, T.
Separation of rare-earth ions by isotachophoresis and
capillary zone electrophoresis 802(1998)203
- Marák, J., see Kaniansky, D. 834(1999)133
- Marasas, W.F.O., see Sewram, V. 848(1999)185
- Maraschiello, C. and Garcíá Regueiro, J.A.
Procedure for the determination of retinol and α -tocopherol
in poultry tissues using capillary gas chromatography with
solvent venting injection 818(1998)109
- Marcé, R.M., see Aguilar, C. 805(1998)127
- Marcé, R.M., see Aguilar, C. 844(1999)425
- Marcé, R.M., see Masqué, N. 803(1998)147
- Marcé, R.M., see Peñalver, A. 839(1999)253
- Marcé, R.M., see Pocurull, E. 818(1998)85
- Marcelloni, A.M., see Tranco, G. 847(1999)19
- Marchand-Brynaert, J., see Demillequand, M. 832(1999)259
- Marchelli, R., see Galaverna, G. 829(1998)101
- Marchese, S., see D'Ascenzo, G. 813(1998)285
- Marchiafava, C., see Draisci, R. 814(1998)187
- Marchiafava, C., see James, K.J. 844(1999)53
- Marco, M.P., see Nunes, G.S. 823(1998)109
- Mardones, C., Ríos, A., Valcárcel, M. and Cicciarelli, R.
Enantiomeric separation of D- and L-carnitine by integrating
on-line derivatization with capillary zone electrophoresis
849(1999)609
- Margolis, S.A., see Da Costa, C.T. 831(1999)167
- Marín, J., see Soto, L.M. 824(1998)45
- Marín, M.L., Jiménez, A., Vilaplana, J., López, J. and
Berenguer, V.
Determination of phenol in polymeric materials by
supercritical fluid extraction combined with gas
chromatography-mass spectrometry 819(1998)289
- Marina, M.L., see Benito, I. 841(1999)105
- Marina, M.L., see García, M.C. 822(1998)225
- Marina, M.L., see Ramos, L. 815(1998)272
- Marina, M.L., see Ramos, L. 823(1998)365
- Marino, F., see Cecinato, A. 846(1999)255
- Marinozzi, M., see Natalini, B. 847(1999)339
- Maris, C., Laplanche, A., Morvan, J. and Bloquel, M.
Static headspace analysis of aliphatic amines in aqueous
samples 846(1999)331
- Markides, K.E., see Nyholm, L.M. 813(1998)11
- Markides, K.E., see Sandberg, A. 828(1998)149
- Markides, K.E., see Swart, R. 828(1998)209
- Marko-Varga, G., see Kjellström, S. 823(1998)489
- Marko-Varga, G., see Torto, N. 806(1998)265
- Markovic, G., Agbaba, D., Stakic, D.Z. and Vladimirov, S.
Determination of some insect repellents in cosmetic
products by high-performance thin-layer chromatography
847(1999)365
- Marquet, P., see Lacassie, E. 805(1998)319
- Marquet, P., see Lacassie, E. 830(1999)135
- Marrara, L., see Fuoco, R. 846(1999)387
- Marriott, P.J., see Jayasinghe, L.Y. 809(1998)109
- Marsal, A., see Font, J. 811(1998)256
- Marsh, G., see Sjödin, A. 822(1998)83
- Martena, M.J., see Andlauer, W. 849(1999)341
- Martí, M.P., see Mestres, M. 835(1999)137
- Martí, M.P., see Mestres, M. 849(1999)293
- Martin, A., see Li, J. 817(1998)325
- Martín, F., see Bautista, J.M. 845(1999)365
- Martín, F., see del Río, J.C. 823(1998)457
- Martín, F., see Gutiérrez, A. 823(1998)449
- Martin Jr, R.A., see Hurst, W.J. 810(1998)89
- Martin, M.
Deviations to classical retention theory of field-flow
fractionation 831(1999)73
- Martín, M.T., see Bernal, J.L. 823(1998)423
- Martín, M.T., see Jiménez, J.J. 823(1998)381
- Martín, M.T., see Jiménez, J.J. 829(1998)269
- Martin, S.D., Poole, C.F. and Abraham, M.H.
Synthesis and gas chromatographic evaluation of a high-
temperature hydrogen-bond acid stationary phase
805(1998)217
- Martínez, A.M., see Rosés, M. 845(1999)217
- Martínez, D., Borrull, F. and Calull, M.
Comparative study of a solid-phase extraction system
coupled to capillary electrophoresis in the determination of
haloacetic compounds in tap water 827(1998)105
- Martínez, D., Borrull, F. and Calull, M.
Evaluation of different electrolyte systems and on-line
preconcentrations for the analysis of haloacetic acids by
capillary zone electrophoresis 835(1999)187
- Martínez, D., Farré, J., Borrull, F., Calull, M., Ruana, J. and
Colom, A.
Capillary zone electrophoresis with indirect UV detection
of haloacetic acids in water 808(1998)229
- Martínez Galera, M., see Egea González, F.J. 829(1998)251
- Martínez, M.I., see Abad, A. 833(1999)3
- Martínez, S., see Rupérez, F.J. 823(1998)483
- Martínez, V., López, J.A., Alonso, R.M. and Jiménez, R.M.
Micellar electrokinetic chromatography as a fast screening
method for the determination of 1,4-dihydropyridine
calcium antagonists 836(1999)189
- Martínez Vidal, J.L., see Egea González, F.J. 829(1998)251
- Martínez-Soria, M.T., see Sanz-Asensio, J. 840(1999)235
- Marting, T. and Breen, J.J.
Enhancements in micellar electrokinetic chromatographic
separations with decanoyl-N-methylalkanamide micelles
through the addition of alkyl sulfates 808(1998)237
- Martin-Tanguy, J., see Bouchereau, A. 836(1999)209
- Martín-Villacorta, J., see García-Glez, J.C. 812(1998)197
- Martín-Villacorta, J., see García-Glez, J.C. 812(1998)213
- Marty, B., see Pinti, D.L. 824(1998)109

- Marty, Y., Soudant, P., Perrotte, S., Moal, J., Dussauze, J. and Samain, J.F.
Identification and occurrence of a novel *cis*-4,7,10,*trans*-13-docosatetraenoic fatty acid in the scallop *Pecten maximus* (L.) 839(1999)119
- Maruška, A., Ericson, C., Végvári, Á. and Hjertén, S.
(Normal-phase) capillary chromatography using acrylic polymer-based continuous beds 837(1999)25
- Marzo, A. and Dal Bo, L.
Chromatography as an analytical tool for selected antibiotic classes: a reappraisal addressed to pharmacokinetic applications 812(1998)17
- Masár, M., Bodor, R. and Kaniansky, D.
Separations of inorganic anions based on their complexations with α -cyclodextrin by capillary zone electrophoresis with contactless conductivity detection 834(1999)179
- Masár, M., see Kaniansky, D. 834(1999)133
- Masár, M., see Kaniansky, D. 844(1999)349
- Mascellani, G., see Gotti, R. 814(1998)205
- Mascellani, G., see Gotti, R. 845(1999)247
- Mascher, H.J.
Determination of minocycline in human plasma by high-performance liquid chromatography with UV detection after liquid–liquid extraction 812(1998)339
- Mascher, H.J. and Kikuta, C.
Determination of amoxicillin in human serum and plasma by high-performance liquid chromatography and on-line postcolumn derivatisation 812(1998)221
- Mascher, H.J. and Kikuta, C.
Determination of norfloxacin in human plasma and urine by high-performance liquid chromatography and fluorescence detection 812(1998)381
- Masci, M., see Cartoni, G. 846(1999)135
- Mashelkar, R.A., see Joshi, V.P. 849(1999)319
- Mason, B., see Vander Heyden, Y. 830(1999)3
- Masqué, N., Galià, M., Marcé, R.M. and Borrull, F.
New chemically modified polymeric resin for solid-phase extraction of pesticides and phenolic compounds from water 803(1998)147
- Massart, D.L., see De Braekeleer, K. 832(1999)67
- Massart, D.L., see Vander Heyden, Y. 830(1999)3
- Massart, D.L., see Vander Heyden, Y. 845(1999)145
- Masson, P., see Rochu, D. 838(1999)157
- Mastrogiovanni, A.R., Pierini, E., Sampaolesi, L. and Bruner, F.
Evaluation of a new graphitized carbon black employed in sampling volatile organic compounds 810(1998)131
- Masucci, J.A., Caldwell, G.W. and Foley, J.P.
Comparison of the retention behavior of β -blockers using immobilized artificial membrane chromatography and lysophospholipid micellar electrokinetic chromatography 810(1998)95
- Masuda, T., Nishimura, Y., Tonegawa, M., Kitahara, K., Arai, S., Yamashita, J. and Takai, N.
High-performance liquid chromatographic separation of carbohydrates on stationary phases prepared from polystyrene-based resin and tertiary amines. Effect of chemical structure of anion-exchange sorbents 845(1999)401
- Masuoka, T., see Shinbo, T. 803(1998)95
- Mateo, C., see Armisén, P. 848(1999)61
- Mateus, L., Cherkaoui, S., Christen, P. and Veuthey, J.-L.
Use of a Doehlert design in optimizing the analysis of selected tropane alkaloids by micellar electrokinetic capillary chromatography 829(1998)317
- Mathiasson, L., see Björklund, E. 836(1999)285
- Mathiasson, L., see Eskilsson, C.S. 840(1999)59
- Mathiasson, L., see Ndungù, K. 826(1998)103
- Matsubara, H., see Suzuki, T. 815(1998)155
- Matsabayashi, S., see Iinuma, F. 835(1999)67
- Matsuda, K., see Isumi, Y. 806(1998)231
- Matsuda, K., see Ito, Y. 802(1998)277
- Matsuda, K., Matsuda, S. and Ito, Y.
Toroidal coil counter-current chromatography. Achievement of high resolution by optimizing flow-rate, rotation speed, sample volume and tube length 808(1998)95
- Matsuda, R., see Katsumine, M. 833(1999)97
- Matsuda, S., see Matsuda, K. 808(1998)95
- Matsunaga, A., see Kodama, S. 811(1998)269
- Matsunaga, A., see Yamamoto, A. 804(1998)305
- Matsunaga, A., see Yamamoto, A. 850(1999)73
- Matsunaga, H., see Haginaka, J. 830(1999)81
- Matsunaga, H., see Haginaka, J. 840(1999)171
- Matsunaga, H., see Iida, T. 813(1998)267
- Matsunaga, H., see Tawa, R. 812(1998)141
- Matsuno, T., see Honda, F. 813(1998)21
- Mattivi, F., see Andrés-Lacueva, C. 823(1998)355
- Mattoli, L., see Natalini, B. 847(1999)339
- Matras, H., Galzigna, L. and Previero, A.
Optical resolution of racemic carboxylic acids by gas chromatography 803(1998)307
- Mattusch, J., see Elizalde-González, M.P. 828(1998)439
- Mattusch, J., see Hissner, F. 848(1999)503
- Matuszewski, B.K., see Woolf, E.J. 828(1998)229
- Matysiak, J., see Niewiadomy, A. 828(1998)431
- Matysiak, J., Niewiadomy, A., Źabińska, A. and Różyło, J.K.
Structure and retention of 2,4-dihydroxythiobenzanilides in a reversed-phase system 830(1999)491
- Matysik, F.-M.
Non-aqueous capillary electrophoresis with electrochemical detection 802(1998)349
- Matyska, M.T., see Pesek, J.J. 818(1998)145
- Matyska, M.T., see Pesek, J.J. 845(1999)237
- Matz, G., Kibelka, G., Dahl, J. and Lennemann, F.
Experimental study on solvent-less sample preparation methods. Membrane extraction with a sorbent interface, thermal membrane desorption application and purge-and-trap 830(1999)365
- Matz, G., Loogk, M. and Lennemann, F.
On-line gas chromatography–mass spectrometry for process monitoring using solvent-free sample preparation 819(1998)51
- May, S.W., see McIninch, J.K. 828(1998)191
- Mayer, B.X., Zöllner, P. and Kählig, H.
Characterization of stationary phases for gas chromatography by ^{29}Si NMR spectroscopy 848(1999)251
- Mayer, P., see Heller, C. 806(1998)113
- Mayorga, A.L., see Jiménez, J.J. 829(1998)269

- Mayr, G. and Welsch, T.
Influence of viscous heat dissipation on efficiency in high-speed high-performance liquid chromatography
845(1999)155
- Mazaleyrat, J.-P., see Török, G. 846(1999)83
- Mazereeuw, M., see Gysler, J. 841(1999)63
- Mazziotti Gomez de Teran, C., see Allegrini, I. 846(1999)265
- Mazzotti, M., see Gentilini, A. 805(1998)37
- Mazzotti, M., see Juza, M. 813(1998)333
- Mazzotti, M., see Migliorini, C. 827(1998)161
- Mazzotti, M., see Migliorini, C. 835(1999)247
- McCalley, D.V.
Comparison of the performance of conventional C₁₈ phases with others of alternative functionality for the analysis of basic compounds by reversed-phase high-performance liquid chromatography 844(1999)23
- McCalley, D.V. and Brereton, R.G.
High-performance liquid chromatography of basic compounds. Problems, possible solutions and tests of reversed-phase columns 828(1998)407
- McCann, M.M. and Ballantine, D.S.
Characterization of amine functionalized stationary phases using linear solvation energy relationships 837(1999)171
- McClean, S., O'Kane, E., Hillis, J. and Smyth, W.F.
Determination of 1,4-benzodiazepines and their metabolites by capillary electrophoresis and high-performance liquid chromatography using ultraviolet and electrospray ionisation mass spectrometry 838(1999)273
- McClenny, W.A. and Colón, M.
Measurement of volatile organic compounds by the US Environmental Protection Agency Compendium Method TO-17. Evaluation of performance criteria 813(1998)101
- McCorkle, D.L., see Ma, C.Yu. 844(1999)217
- McCormick, M.J., see Caliamanis, A. 850(1999)85
- McCoy, M., see Whitney, D. 807(1998)165
- McCracken, R.J., see Kennedy, D.G. 812(1998)77
- McCracken, R.J., see Kennedy, D.G. 812(1998)327
- McElhiney, J., see Lawton, L.A. 848(1999)515
- McEwen, I., see Skogsberg, U. 808(1998)253
- McGinnis, G.D., see St. John, W.P. 807(1998)241
- McGinnis, T.P.
Quantitative determination of fatty and resin acids in Kraft black liquors as their trimethylsilyl derivatives by gas chromatography 829(1998)235
- McGown, L.B., see Li, L. 841(1999)95
- McGuffin, V.L., Krouskop, P.E. and Wu, P.
Stochastic simulation of the partition mechanism under diffusion-limited conditions in chromatography and electrochromatography 828(1998)37
- McIninch, J.K., Geiser, F., Prickett, K.B. and May, S.W.
Determination of the absolute configuration of α-hydroxyglycine derivatives by enzymatic conversion and chiral high-performance liquid chromatography 828(1998)191
- McIntyre, P.S., see Morales, M.T. 819(1998)267
- McKeon, T.A., see Lin, J.-T. 808(1998)43
- McKeon, T.A., see Lin, J.-T. 824(1998)169
- McKillop, A.G., Smith, R.M., Rowe, R.C. and Wren, S.A.C.
Mixed capillary electrophoretic and reversed-phase electrochromatographic separation of 4-n-alkylbenzoic acids 805(1998)327
- McKinney, D.E., see del Rio, J.C. 823(1998)433
- McLoughlin, D.M., see Jacquier, J.-C. 817(1998)263
- McManigill, D., see Apffel, A. 832(1999)149
- McNay, J.L. and Fernandez, E.J.
How does a protein unfold on a reversed-phase liquid chromatography surface? 849(1999)135
- McNulty, D.E., see Erdjument-Bromage, H. 826(1998)167
- Medina-Hernández, M.J., see Cuénca-Benito, M. 814(1998)121
- Medina-Hernández, M.J., see Escuder-Gilabert, L. 823(1998)549
- Medve, J., Lee, D. and Tjerneld, F.
Ion-exchange chromatographic purification and quantitative analysis of *Trichoderma reesei* cellulases cellobiohydrolase I, II and endoglucanase II by fast protein liquid chromatography 808(1998)153
- Medvedovici, A., see Correa, R.A. 848(1999)83
- Megel, F., see Le Potier, I. 829(1998)341
- Megersa, N., Solomon, T. and Jönsson, J.Å.
Supported liquid membrane extraction for sample work-up and preconcentration of methoxy-s-triazine herbicides in a flow system 830(1999)203
- Mehlich, A., see Hirsch, R. 815(1998)213
- Meier, B., see Rohr, G.E. 835(1999)59
- Meier-Augenstein, W.
Applied gas chromatography coupled to isotope ratio mass spectrometry (Review) 842(1999)351
- Meierhans, D.C., Bruehlmann, S., Meili, J. and Taeschler, C.
Sensitive method for the determination of 3-chloropropane-1,2-diol and 2-chloropropane-1,3-diol by capillary gas chromatography with mass spectrometric detection 802(1998)325
- Meili, J., see Meierhans, D.C. 802(1998)325
- Meinardi, S., see Belloli, R. 846(1999)277
- Meiring, H.D., see De Wasch, K. 819(1998)99
- Meissner, T., see Renner, S. 838(1999)251
- Meissner, Th., Eisenbeiss, F. and Jastorff, B.
Determination of anionic trace impurities in glycerol by capillary isotachophoresis with enlarged sample load 810(1998)201
- Meissner, Th., Eisenbeiss, F. and Jastorff, B.
Capillary zone electrophoresis and ion chromatography in the low µg/l range applied to the determination of anions in hydrogen peroxide 829(1998)351
- Meissner, Th., Eisenbeiss, F. and Jastorff, B.
New leading electrolyte for the direct determination of chloride and other anions in analytical isotachophoresis 838(1999)81
- Meklati, B.Y., see Yassaa, N. 846(1999)287
- Melchior, D., see Schmitz, O. 814(1998)261
- Méndez, E., see Camafeita, E. 823(1998)299
- Méndez, R., see García-Glez, J.C. 812(1998)197
- Méndez, R., see García-Glez, J.C. 812(1998)213
- Mendonsa, S.D. and Hurtubise, R.J.
Determination of ionization constants of heterocyclic aromatic amines using capillary zone electrophoresis 841(1999)239

- Menéndez, R., see Bermejo, J. 849(1999)507
- Menet, J.-M., see Vial, J. 815(1998)173
- Menet, M.-C. and Thiebaut, D.
Preparative purification of antibiotics for comparing hydrostatic and hydrodynamic mode counter-current chromatography and preparative high-performance liquid chromatography 831(1999)203
- Meng, D., see Zhang, L. 839(1999)49
- Mengerink, Y., see van der Wal, S. 825(1998)135
- Mensink, E.J.B.M., see Kuypers, A.W.H.M. 806(1998)141
- Mentasti, E., see Sarzanini, C. 804(1998)241
- Mentasti, E., see Sarzanini, C. 847(1999)233
- Mentasti, E., see Sarzanini, C. 850(1999)197
- Merand, Y., see Coquet, A. 828(1998)247
- Mercier, J.-P., Chaimbault, P., Morin, P., Dreux, M. and Tambuté, A.
Identification of phosphonic acids by capillary electrophoresis–ionspray mass spectrometry 825(1998)71
- Mercier, J.-P., Morin, Ph., Dreux, M. and Tambuté, A.
Liquid chromatography analysis of phosphonic acids on porous graphitic carbon stationary phase with evaporative light-scattering and mass spectrometry detection 849(1999)197
- Merel, P., see Motellier, S. 804(1998)363
- Mérialon, J.M., see Carando, S. 849(1999)617
- Meriluoto, J., Kincaid, B., Smyth, M.R. and Wasberg, M.
Electrochemical detection of microcystins, cyanobacterial peptide hepatotoxins, following high-performance liquid chromatography 810(1998)226
- Merly, C., Lynch, B., Ross, P. and Glennon, J.D.
Selective ion chromatography of metals on porous graphitic carbon 804(1998)187
- Merschman, S.A., Lubbad, S.H. and Tilotta, D.C.
Poly(dimethylsiloxane) films as sorbents for solid-phase microextraction coupled with infrared spectroscopy 829(1998)377
- Messens, J., see Van der Eycken, E. 811(1998)261
- Messer, K., see Bringmann, G. 837(1999)267
- Mester, Z., Vitányi, G., Morabito, R. and Fodor, P.
Speciation of dimethylarsinic acid and monomethylarsonic acid by gas chromatography–mass spectrometry 832(1999)183
- Mestres, M., Bustó, O. and Guasch, J.
Headspace solid-phase microextraction analysis of volatile sulphides and disulphides in wine aroma 808(1998)211
- Mestres, M., Martí, M.P., Bustó, O. and Guasch, J.
Simultaneous analysis of thiols, sulphides and disulphides in wine aroma by headspace solid-phase microextraction–gas chromatography 849(1999)293
- Mestres, M., Sala, C., Martí, M.P., Bustó, O. and Guasch, J.
Headspace solid-phase microextraction of sulphides and disulphides using Carboxen–polydimethylsiloxane fibers in the analysis of wine aroma 835(1999)137
- Metcalf, S.G., see Okembo, A.A. 844(1999)387
- Metral, C.J., see Janini, G.M. 848(1999)417
- Metz, R., Muth, P., Ferger, M., Kukes, V.G. and Vergin, H.
Sensitive high-performance liquid chromatographic determination of arbidol, a new antiviral compound, in human plasma 810(1998)63
- Meyer, E., see Dirinck, I. 819(1998)155
- Meyer, V.R., see Palamarev, C.E. 848(1999)1
- Meyer, V.R., see Rukhadze, M.D. 805(1998)45
- Meyerhoff, M.E., see Coutant, D.E. 824(1998)147
- Meyers, J.J. and Liapis, A.I.
Network modeling of the intraparticle convection and diffusion of molecules in porous particles packed in a chromatographic column 827(1998)197
- Michailova, Al., see Stoev, G. 846(1999)383
- Michalke, B. and Schramel, P.
Application of capillary zone electrophoresis–inductively coupled plasma mass spectrometry and capillary isoelectric focusing–inductively coupled plasma mass spectrometry for selenium speciation 807(1998)71
- Michalke, B., see Schramel, O. 819(1998)231
- Michalke, B. and Schramel, P.
Antimony speciation in environmental samples by interfacing capillary electrophoresis on-line to an inductively coupled plasma mass spectrometer 834(1999)341
- Miége, C., Dugay, J. and Hennion, M.-C.
Optimization and validation of solvent and supercritical-fluid extractions for the trace-determination of polycyclic aromatic hydrocarbons in sewage sludges by liquid chromatography coupled to diode-array and fluorescence detection 823(1998)219
- Miersch, O., see Kramell, R. 847(1999)103
- Migliorini, C., see Gentilini, A. 805(1998)37
- Migliorini, C., Mazzotti, M. and Morbidelli, M.
Continuous chromatographic separation through simulated moving beds under linear and nonlinear conditions 827(1998)161
- Migliorini, C., Mazzotti, M. and Morbidelli, M.
Erratum to “Continuous chromatographic separation through simulated moving beds under linear and nonlinear conditions” [J. Chromatogr. A 827 (1998) 161–173] 835(1999)247
- Miguel, E., see Sánchez-Brunete, C. 823(1998)17
- Mühlbachler, K., Kollmann, T., Seidel-Morgenstern, A., Tomas, J. and Guiachon, G.
Measurement of the degree of internal friction of two native silica packing materials 818(1998)155
- Mikami, T., see Yachida, Y. 813(1998)325
- Mike, J.H., see Kerr, T.M. 813(1998)213
- Mikšík, I. and Deyl, Z.
Microemulsion electrokinetic chromatography of fatty acids as phenacyl esters 807(1998)111
- Mikšík, I., see Deyl, Z. 836(1999)161
- Mikšík, I., see Hamrníková, I. 838(1999)167
- Miliadis, G.E., Tsipopoulos, N.G. and Aplada-Sarlis, P.G.
High-performance liquid chromatographic determination of benzoylurea insecticides residues in grapes and wine using liquid and solid-phase extraction 835(1999)113
- Millecamp, R.E.M., see Deforce, D.L.D. 806(1998)149
- Miller, D.J., see Hawthorne, S.B. 814(1998)151
- Miller, D.J., see van Doorn, H. 829(1998)223
- Miller, D.J., see Yang, Yu. 810(1998)149
- Miller, D.W., see Zhu, M. 833(1999)223
- Miller, L., see Grill, C.M. 827(1998)359
- Miller, L., see Orihuela, C. 827(1998)193

- Miller, L., Orihuela, C., Fronek, R., Honda, D. and Dapremont, O.
Chromatographic resolution of the enantiomers of a pharmaceutical intermediate from the milligram to the kilogram scale 849(1999)309
- Miller, M.L., see Bogusz, M.J. 844(1999)409
- Mills, G.R.
Application of an on-line liquid chromatographic system for the determination of polar herbicides in drinking water within a routine laboratory 813(1998)63
- Milojković-Opsenica, D.M., Malinar, M.J. and Tešić, Ž.Lj.
Effect of the chelate ring size of diamine-Co(III) complexes on their hR_F values obtained under salting-out thin-layer chromatography conditions 847(1999)291
- Milojković-Opsenica, D.M., see Tešić, Ž.Lj. 847(1999)297
- Milojković-Opsenica, D.M., see Tešić, Ž.Lj. 847(1999)303
- Milone, C., see Musolino, M.G. 818(1998)123
- Min, B.H., see Lee, J.H. 813(1998)85
- Min, Z.-D., see Li, N. 849(1999)349
- Minakuchi, H., Ishizuka, N., Nakanishi, K., Soga, N. and Tanaka, N.
Performance of an octadecylsilylated continuous porous silica column in polypeptide separations 828(1998)83
- Minard, R.D., see del Rio, J.C. 823(1998)433
- Mincsovics, E., see Török, J. 803(1998)235
- Minegishi, Y., see Sato, K. 811(1998)69
- Minguillón, C., see Senso, A. 839(1999)15
- Minicò, S., see Musolino, M.G. 818(1998)123
- Mink, J., see Kocsis, L. 845(1999)197
- Minniti, G., Piana, A., Armani, U. and Cerone, R.
Determination of plasma and serum homocysteine by high-performance liquid chromatography with fluorescence detection 828(1998)401
- Mitamura, K., see Shimada, K. 847(1999)171
- Mitchell, I., see Fagan, P.A. 804(1998)249
- Mitra, S., see Feng, C. 805(1998)169
- Mitra, S., see Guo, X. 826(1998)39
- Mitsuya, T., see Suzuki, T. 815(1998)155
- Miura, F., see Shibukawa, M. 830(1999)321
- Miura, M., Terashita, Y., Funazo, K. and Tanaka, M.
Separation of phenoxy acid herbicides and their enantiomers in the presence of selectively methylated cyclodextrin derivatives by capillary zone electrophoresis 846(1999)359
- Miura, Y., Fukasawa, K. and Koh, T.
Determination of sulfur anions at the ppb level by ion chromatography utilizing their catalytic effects on the postcolumn reaction of iodine with azide 804(1998)143
- Miura, Y. and Hamada, H.
Ion chromatography of nitrite at the ppb level with photometric measurement of iodine formed by post-column reaction of nitrite with iodide 850(1999)153
- Miwa, T., see Safni, 850(1999)165
- Miwa, T., see Takeuchi, T. 804(1998)79
- Miyabe, K. and Guiochon, G.
Estimation of the column radial heterogeneity from an analysis of the characteristics of tailing peaks in linear chromatography 830(1999)29
- Miyabe, K. and Guiochon, G.
Peak tailing and column radial heterogeneity in linear chromatography 830(1999)263
- Miyabe, K. and Guiochon, G.
Kinetic study of the mass transfer of *S*-Tröger's base in the system cellulose triacetate and ethanol 849(1999)445
- Miyahara, T., see Jin, D. 822(1998)215
- Miyamori, S., see Nishizawa, H. 849(1999)61
- Myanaga, A., see Tanaka, K. 850(1999)311
- Miyawa, J.H., see Williams, R.C. 844(1999)171
- Miyazaki, T., see Takeba, K. 812(1998)205
- Mizoguchi, K., see Shinbo, T. 803(1998)95
- Moal, J., see Marty, Y. 839(1999)119
- Moats, W.A. and Romanowski, R.D.
Multiresidue determination of β -lactam antibiotics in milk and tissues with the aid of high-performance liquid chromatographic fractionation for clean up 812(1998)237
- Mochizuki, M., see Taga, A. 839(1999)157
- Mód, A., see Kilár, F. 813(1998)349
- Modugno, F., see Colombini, M.P. 846(1999)101
- Modugno, F., see Colombini, M.P. 846(1999)113
- Moffatt, F., see Howard, A.G. 844(1999)333
- Moffatt, F., see Shafik, T. 841(1999)127
- Moir, D., see Chen, M. 825(1998)37
- Mokrzycki, N., Drobècq, H., Gras, H. and Tartar, A.
Alternate pooling for optimizing high-performance liquid chromatographic fractionation of complex peptide mixtures 839(1999)57
- Mol, H.G.J., Van Dam, R.C.J., Vreeken, R.J. and Steijger, O.M.
Determination of daminozide in apples and apple leaves by liquid chromatography-mass spectrometry 833(1999)53
- Molander, P., Gundersen, T.E., Haas, C., Greibrokk, T., Blomhoff, R. and Lundanes, E.
Determination of retinoids by packed-capillary liquid chromatography with large-volume on-column focusing and temperature optimization 847(1999)59
- Moldovan, D., see Tudor, E. 848(1999)215
- Møller, B.L., see Blennow, A. 829(1998)385
- Møller, P., see Bjergegaard, C. 836(1999)115
- Møller, P., see Bjergegaard, C. 836(1999)137
- Møller, P., see Buskov, S. 802(1998)233
- Mollerup, I., see Staby, A. 827(1998)311
- Mollerup, J. and Hansen, E.
Overall mass-transfer coefficients in non-linear chromatography 827(1998)235
- Mollerup, J., see Hansen, E. 827(1998)259
- Molnár-Perl, I.
Simultaneous quantitation of acids and sugars by chromatography: gas or high-performance liquid chromatography? 845(1999)181
- Molnár-Perl, I., see Katona, Zs.F. 847(1999)91
- Molnár-Perl, I., see Vasanits, A. 832(1999)109
- Molnár-Perl, I. and Vasanits, A.
Stability and characteristics of the *o*-phthalaldialdehyde/3-mercaptopropionic acid and *o*-phthalaldialdehyde/*N*-acetyl-L-cysteine reagents and their amino acid derivatives measured by high-performance liquid chromatography 835(1999)73
- Moltó, J.C., see Soriano, J.M. 822(1998)67

- Momose, T., Hirata, H., Iida, T., Goto, J. and Nambara, T.
Simultaneous analysis and retention behavior of the glucuronide, glucoside, and N-acetylglucosaminide conjugates of bile acids in conventional and inclusion high-performance liquid chromatographic methods
803(1998)121
- Momose, T., Mure, M., Iida, T., Goto, J. and Nambara, T.
Method for the separation of the unconjugates and conjugates of chenodeoxycholic acid and deoxycholic acid by two-dimensional reversed-phase thin-layer chromatography with methyl β -cyclodextrin
811(1998)171
- Mondello, L., Dugo, P., Dugo, G., Lewis, A.C. and Bartle, K.D.
High-performance liquid chromatography coupled on-line with high resolution gas chromatography. State of the art (Review)
842(1999)373
- Monforte, V., see Lopez, R.
812(1998)135
- Mong, G.M., see Sharma, A.K.
805(1998)101
- Monson, S.J., see Cassada, D.A.
844(1999)87
- Montagnoli, M., see Allegrini, I.
846(1999)265
- Montali, J.A., see Bauer-Arnaz, K.
803(1998)73
- Monteil, H., see Levêque, D.
815(1998)163
- Montgomery, R.M., Saari-Nordhaus, R., Nair, L.M. and Anderson, Jr, J.M.
On-line sample preparation techniques for ion chromatography
804(1998)55
- Montigny, C., Lespes, G. and Potin-Gautier, M.
Matrix effects and selectivity of the detector in the determination of butyl- and phenyltins by gas chromatography-flame photometric detection
819(1998)221
- Montigny, C., see Lespes, G.
826(1998)67
- Montoya, A., see Abad, A.
833(1999)3
- Moon, M.H., Park, I. and Kim, Y.
Size characterization of liposomes by flow field-flow fractionation and photon correlation spectroscopy. Effect of ionic strength and pH of carrier solutions
813(1998)91
- Moore, J.A., see Shukla, A.A.
814(1998)83
- Moore, J.A., see Shukla, A.A.
827(1998)295
- Morabito, R., see Mester, Z.
832(1999)183
- Morales, E., see Gómez-Ariza, J.L.
823(1998)259
- Morales, J.A., de Graterol, L.S., Velásquez, H., de Nava, M.G. and de Borrego, B.S.
Determination by ion chromatography of selected organic and inorganic acids in rainwater at Maracaibo, Venezuela
804(1998)289
- Morales, M.L., Gonzalez, A.G. and Troncoso, A.M.
Ion-exclusion chromatographic determination of organic acids in vinegars
822(1998)45
- Morales, M.L., Gonzalez, A.G. and Troncoso, A.M.
Erratum to "Ion-exclusion chromatographic determination of organic acids in vinegars". [J. Chromatogr. A 822 (1998) 45-51]
831(1999)331
- Morales, M.T., Berry, A.J., McIntyre, P.S. and Aparicio, R.
Tentative analysis of virgin olive oil aroma by supercritical fluid extraction-high-resolution gas chromatography-mass spectrometry
819(1998)267
- Morales, S. and Cela, R.
Capillary electrophoresis and sample stacking in non-aqueous media for the analysis of priority pollutant phenols
846(1999)401
- Morbidielli, M., see Gentilini, A.
805(1998)37
- Morbidielli, M., see Juza, M.
813(1998)333
- Morbidielli, M., see Migliorini, C.
827(1998)161
- Morbidielli, M., see Migliorini, C.
835(1999)247
- Morcellet, M., see Chiari, M.
836(1999)81
- Moreda, W., see Cert, A.
823(1998)291
- Moreno Cordero, B., see Fernández Laespada, M.E.
823(1998)537
- Moreno, F., see Fernández-Boy, M.E.
823(1998)279
- Moreno, F., see Fernández-Boy, M.E.
823(1998)285
- Moreno, M.J., see Abad, A.
833(1999)3
- Moreno-Arribas, M.V., see Cifuentes, A.
830(1999)453
- Morera Pons, S., Castellote Bargalló, A.I. and López Sabater, M.C.
Evaluation by high-performance liquid chromatography of the hydrolysis of human milk triacylglycerides during storage at low temperatures
823(1998)467
- Morera Pons, S., Castellote Bargalló, A.I. and López Sabater, M.C.
Analysis of human milk triacylglycerols by high-performance liquid chromatography with light-scattering detection
823(1998)475
- Moretti, P., see Vezzani, S.
803(1998)211
- Moretti, P., see Vezzani, S.
848(1999)229
- Morgan, B., see Jacobson, P.G.
816(1998)59
- Morgan, E.D., see Maile, R.
816(1998)169
- Morgan, M.A., see Collins, C.H.
846(1999)395
- Mori, G., see Careri, M.
848(1999)327
- Morikawa, H., see Ohta, K.
804(1998)171
- Morikawa, H., see Ohta, K.
850(1999)229
- Morin, N., Guillaume, Y.C., Peyrin, E. and Rouland, J.-C.
Peculiarities of an imidazole derivative retention mechanism in reversed-phase liquid chromatography: β -cyclodextrin concentration and temperature considerations
808(1998)51
- Morin, N., see Peyrin, E.
808(1998)113
- Morin, P., see Cahours, X.
845(1999)203
- Morin, P., Daguet, D., Coïc, J.P. and Dreux, M.
Usefulness of methylated- β -cyclodextrin-based buffers for the separation of highly hydrophobic solutes in non-aqueous capillary electrophoresis. Application to the separation of derivatized phytosterols
837(1999)281
- Morin, P., see Le Potier, I.
829(1998)341
- Morin, P., see Mercier, J.-P.
825(1998)71
- Morin, Ph., see Cahours, X.
810(1998)209
- Morin, Ph., see Mercier, J.-P.
849(1999)197
- Morishita, F., see Yaku, K.
848(1999)337
- Morita, H., see Ono, S.
815(1998)197
- Morita, M., Niwa, O., Tou, S. and Watanabe, N.
Nickel content dependence of electrochemical behavior of carbohydrates on a titanium-nickel alloy electrode and its application to a liquid chromatography detector
837(1999)17
- Morita, M., see Yamamoto, N.
819(1998)177
- Morita, Y., see Furusawa, N.
830(1999)473
- Moriyama, H., see Safni,
850(1999)65
- Moriyama, H., see Takeuchi, T.
804(1998)79
- Moroz, T.P., see Floyd, P.D.
830(1999)105
- Morris, M.D., see de Carmejane, O.
849(1999)267
- Morris, M.D., see Walker III, P.A.
805(1998)269

- Morselli, L., Setti, L., Iannuccilli, A., Maly, S., Dinelli, G. and Quattroni, G.
Supercritical fluid extraction for the determination of petroleum hydrocarbons in soil 845(1999)357
- Morvan, J., see Maris, C. 846(1999)331
- Mosbach, K., see Andersson, H.S. 848(1999)39
- Mosley, L., see Osborn, H.M.I. 831(1999)267
- Mössner, S.G., Lopez de Alda, M.J., Sander, L.C., Lee, M.L. and Wise, S.A.
Gas chromatographic retention behavior of polycyclic aromatic sulfur heterocyclic compounds, (dibenzothiophene, naphtho[*b*]thiophenes, benzo[*b*]naphthothiophenes and alkyl-substituted derivatives) on stationary phases of different selectivity 841(1999)207
- Motegi, Y., see Nishizawa, H. 849(1999)61
- Motellier, S., Richet, C. and Merel, P.
Analysis of cellulose degradation products by capillary electrophoresis 804(1998)363
- Mottram, H.R., Dudd, S.N., Lawrence, G.J., Stott, A.W. and Evershed, R.P.
New chromatographic, mass spectrometric and stable isotope approaches to the classification of degraded animal fats preserved in archaeological pottery 833(1999)209
- Mou, S.F., see Chen, Q.-C. 827(1998)73
- Mou, S.-f., see Huang, Y. 832(1999)141
- Mou, S.-F., see Qu, F. 850(1999)277
- Mouly, P.P., Gaydou, E.M. and Corsetti, J.
Determination of the geographical origin of valencia orange juice using carotenoid liquid chromatographic profiles 844(1999)149
- Moyano, E., see Castro, R. 830(1999)145
- Moyano, E., see Jáuregui, O. 823(1998)241
- Mrestani, Y., Neubert, R.H.H. and Rüttinger, H.H.
Characterization of interaction between cephalosporins and charged surfactants using capillary zone electrophoresis 802(1998)89
- Mrestani, Y., Neubert, R., Munk, A. and Wiese, M.
Determination of dissociation constants of cephalosporins by capillary zone electrophoresis 803(1998)273
- Mu, H., Wesén, C., Odenbrand, I. and Wahlund, K.-G.
Response factors of organochlorine compounds in the electrolytic conductivity detector 849(1999)285
- Mucha, P., Rekowski, P., Kosakowska, A. and Kupryszecki, G.
Separation of siderophores by capillary electrophoresis 830(1999)183
- Mudgett, P.D., see Orta, D. 804(1998)295
- Muenter, M.M., Stokes, K.C., Obie, R.T. and Jezorek, J.R.
Simultaneous separation of inorganic ions and neutral organics on ion-exchange stationary phases 844(1999)1
- Muijselaar, P.G., Otsuka, K. and Terabe, S.
On-line coupling of partial-filling micellar electrokinetic chromatography with mass spectrometry 802(1998)3
- Muir, A.D., Reaney, M.J. and Aubin, A.J.
Determination of polyethylene glycol 300 in long chain free fatty acid mixtures by reversed-phase high-performance liquid chromatography 810(1998)241
- Mulholland, M., see Ramadan, Z. 804(1998)29
- Müller, H., see Stadler, M. 818(1998)187
- Müller, H.-M., see Schollenberger, M. 815(1998)123
- Müller, R.K., Grosse, J., Thieme, D., Lang, R., Teske, J. and Trauer, H.
Introduction to the application of capillary gas chromatography of the analysis of performance-enhancing drugs in doping control (Review) 843(1999)275
- Muller, U.R., see Cruickshank, K.A. 817(1998)41
- Munch, D.J., see Wagner, H.P. 850(1999)119
- Munechika, T., see Ono, S. 815(1998)197
- Munk, A., see Mrestani, Y. 803(1998)273
- Münker, C., see Vachirapatama, N. 850(1999)257
- Muñoz, E., see Borrós, S. 837(1999)273
- Muraviev, D., Gonzalo, A., Tikhonov, N.A. and Valiente, M.
Ion exchange on resins with temperature-responsive selectivity. II. Thermo-induced concentration waves in ion-exchange column 802(1998)251
- Murayama, K., see Kurosu, Y. 802(1998)129
- Murayama, S., see Yamamoto, N. 819(1998)177
- Murazumi, K., see Nagamatsu, S. 832(1999)55
- Mure, M., see Momose, T. 811(1998)171
- Murofushi, S., see Jin, D. 822(1998)215
- Murphy, J., see Orihuela, C. 827(1998)193
- Murphy, R.E., Schure, M.R. and Foley, J.P.
Quantitative analysis of poly(methyl methacrylate-butyl acrylate) copolymer composition by liquid chromatography-particle beam mass spectrometry 824(1998)181
- Muschik, G.M., see Janini, G.M. 848(1999)417
- Musci, M., see Careri, M. 848(1999)327
- Musolino, M.G., Neri, G., Milone, C., Minicò, S. and Galvagno, S.
Liquid chromatographic separation of intermediates of the catalytic hydrogenation of 2,4-dinitrotoluene 818(1998)123
- Mustaeva, L.G., see Vaginina, IV. 840(1999)281
- Muth, P., see Metz, R. 810(1998)63
- Mutti, A., see Andreoli, R. 847(1999)9
- Muzquiz, M., see Oboh, H.A. 823(1998)307
- Myers, P., see Cikalo, M.G. 836(1999)25
- Myers, P., see Cikalo, M.G. 836(1999)35

N

- Nagai, S., see Watanabe, T. 825(1998)102
- Nagakura, K., see Jin, D. 822(1998)215
- Nagamatsu, S., Murazumi, K. and Makino, S.
Chiral separation of a pharmaceutical intermediate by a simulated moving bed process 832(1999)55
- Nagayama, H., see Tanaka, N. 836(1999)295
- Nahrstedt, A., see Lechtenberg, M. 848(1999)457

- Naikwadi, K.P. and Wadgaonkar, P.P.
New naphthalene containing side-chain liquid crystalline polysiloxane stationary phases for high-resolution gas chromatography 811(1998)97
- Nair, L.M., see Montgomery, R.M. 804(1998)55
- Nair, L.M. and Saari-Nordhaus, R.
Recent developments in surfactant analysis by ion chromatography 804(1998)233
- Nakagawa, K., see Tanaka, N. 802(1998)23
- Nakagawa, K., see Tanaka, N. 836(1999)295
- Nakai, H., see Machida, Y. 805(1998)85
- Nakajima, R., see Hashimoto, M. 832(1999)191
- Nakajima, R., see Tsukagoshi, K. 813(1998)402
- Nakakuki, H., Horie, H., Yamauchi, Y. and Kohata, K.
Rapid analysis of methylated xanthines in teas by an improved high-performance liquid chromatographic method using a polyvinylpolypyrrolidone pre-column 848(1999)523
- Nakamura, K., see Machida, Y. 805(1998)85
- Nakamura, K., see Machida, Y. 810(1998)33
- Nakamura, K., see Machida, Y. 830(1999)311
- Nakamura, M., see Furusawa, N. 830(1999)473
- Nakamura, M., Kiyohara, S., Saito, K., Sugita, K. and Sugo, T.
Chiral separation of DL-tryptophan using porous membranes containing multilayered bovine serum albumin crosslinked with glutaraldehyde 822(1998)53
- Nakamura, Y., see Sato, K. 811(1998)69
- Nakanishi, K., see Minakuchi, H. 828(1998)83
- Nakanishi, S., see Hino, T. 810(1998)141
- Nakazawa, H., see Horie, M. 812(1998)295
- Nakazawa, H., see Oka, H. 813(1998)71
- Nakazawa, H., see Tahara, S.-i. 848(1999)465
- Nakazawa, H., see Takeba, K. 812(1998)205
- Nambara, T., see Momose, T. 803(1998)121
- Nambara, T., see Momose, T. 811(1998)171
- Nanny, M.A., see del Rio, J.C. 823(1998)433
- Napolitano, E.W., see Bauer-Arnaz, K. 803(1998)73
- Naqvi, Z., see Deelchand, J.-P. 830(1999)397
- Narahari, C.R., Strong, J.C. and Frey, D.D.
Displacement chromatography of proteins using a self-sharpening pH front formed by adsorbed buffering species as the displacer 825(1998)115
- Nardillo, A.M., see Castells, R.C. 848(1999)203
- Nardillo, A.M., see Gonzalez, F.R. 810(1998)105
- Nardillo, A.M., see Gonzalez, F.R. 842(1999)29
- Nash, D.C. and Chase, H.A.
Comparison of diffusion and diffusion-convection matrices for use in ion-exchange separations of proteins 807(1998)185
- Natalini, B., Capodiferro, V., Mattoli, L., Marrazzo, M., Costantino, G. and Pellicciari, R.
Chromatographic separation and evaluation of the lipophilicity by reversed-phase high-performance liquid chromatography of fullerene-C₆₀ derivatives 847(1999)339
- Natangelo, M., see Grasso, P. 822(1998)91
- Natarajan, V., see Vunnum, S. 818(1998)31
- Naujalis, E., see Padarauskas, A. 808(1998)193
- Navarro, G., see Oliva, J. 833(1999)43
- Navarro, S., see Oliva, J. 833(1999)43
- Ndungù, K., Djane, N.-K. and Mathiasson, L.
Determination of trace metal ions by ion-pair chromatography after enrichment using supported liquid membrane 826(1998)103
- Nebot-Gil, I., see Torrens, F. 827(1998)345
- Neff, W.E. and Byrdwell, W.C.
Characterization of model triacylglycerol (triolein, trilinolein and trilinolenin) autoxidation products via high-performance liquid chromatography coupled with atmospheric pressure chemical ionization mass spectrometry 818(1998)169
- Negrão, M.R. and Alpendurada, M.F.
Solvent-free method for the determination of polynuclear aromatic hydrocarbons in waste water by solid-phase microextraction-high-performance liquid chromatography with photodiode-array detection 823(1998)211
- Nemer, M.F., see Šeboř, G. 847(1999)323
- Neri, G., see Musolino, M.G. 818(1998)123
- Nertz, M., see Caussé, E. 817(1998)181
- Nesterenko, P., see Macka, M. 803(1998)279
- Nesterenko, P.N. and Jones, P.
Isocratic separation of lanthanides and yttrium by high-performance chelation ion chromatography on iminodiacetic acid bonded to silica 804(1998)223
- Nesterenko, P.N., see Kolpachnikova, M.G. 826(1998)15
- Nesterenko, P.N., Zhukova, O.S., Shpigun, O.A. and Jones, P.
Synthesis and ion-exchange properties of silica chemically modified with aminophosphonic acid 813(1998)47
- Netopilík, M.
Effect of interdetector peak broadening and volume in size-exclusion chromatography with dual viscometric-concentration detection 809(1998)1
- Neubert, R.H.H., see Raith, K. 802(1998)185
- Neubert, R., see Mrestani, Y. 803(1998)273
- Neubert, R.H.H., see Mrestani, Y. 802(1998)89
- Neubert, R.H.H., see Schwarz, M.A. 809(1998)219
- Neue, U.D., Alden, B.A. and Walter, T.H.
Universal procedure for the assessment of the reproducibility and the classification of silica-based reversed-phase packings. II. Classification of reversed-phase packings 849(1999)101
- Neue, U.D., see Cheng, Y.-F. 828(1998)273
- Neue, U.D., see Serowik, E., Iraneta, P., Alden, B.A. and Walter, T.H.
Universal procedure for the assessment of the reproducibility and the classification of silica-based reversed-phase packings. I. Assessment of the reproducibility of reversed-phase packings 849(1999)87
- Ng, K.L., Paull, B., Haddad, P.R. and Tanaka, K.
Retention modelling of electrostatic and adsorption effects of aliphatic and aromatic carboxylic acids in ion-exclusion chromatography 850(1999)17
- Ng, W.F., see Sng, M.T. 832(1999)173
- Nguyen, A.-L., see Hilmi, A. 844(1999)97
- Ni, Z.-M., see Chen, Q.-C. 827(1998)73
- Nicholls, I.A., see Andersson, H.S. 848(1999)39
- Nichols, P.D., see Jayasinghe, L.Y. 809(1998)109
- Nickless, G., see Greally, B.R. 810(1998)119
- Nickless, G., see O'Doherty, S.J. 832(1999)253

- Niederhauser, T.L., Halling, J., Polson, N.A. and Lamb, J.D.
High-performance anion-exchange chromatographic separations of carbohydrates on a macrocycle-based stationary phase with eluents of relatively low pH and concentration 804(1998)69
- Nielsen, N.-P.V., Carstensen, J.M. and Smedsgaard, J.
Aligning of single and multiple wavelength chromatographic profiles for chemometric data analysis using correlation optimised warping 805(1998)17
- Niemann, H., see Sternberg, R. 846(1999)307
- Niemeijer, N., see Vander Heyden, Y. 845(1999)145
- Niessen, W.M.A.
Analysis of antibiotics by liquid chromatography-mass spectrometry 812(1998)53
- Niessen, W.M.A., see Andreoli, R. 847(1999)
- Niessen, W.M.A., see Hogenboom, A.C. 841(1999)33
- Niessner, G., Buchberger, W. and Eckerstorfer, R.
Multiresidue screening methods for the determination of pesticides in plant materials 846(1999)341
- Niessner, R., see Loos, R. 822(1998)291
- Niessner, R., see Loos, R. 835(1999)217
- Niessner, R., see Zühlke, J. 807(1998)209
- Niethammer, D., see Renner, S. 838(1999)251
- Nieuwoudt, T.W., see Sewram, V. 848(1999)185
- Niewiadomy, A., Matysiak, J., Żabińska, A., K. Różyło, J., Senczyna, B. and Józwiak, K.
Reversed-phase high-performance liquid chromatography in quantitative structure-activity relationship studies of new fungicides 828(1998)431
- Niewiadomy, A., see Matysiak, J. 830(1999)491
- Nigay, H., see Ratsimba, V. 844(1999)283
- Nilsson, B., see Kempe, H. 846(1999)1
- Nilsson, G.S., see Torto, N. 806(1998)265
- Nilsson, S., see Behnke, B. 818(1998)257
- Nilsson, S., see Petersson, M. 841(1999)249
- Nilsson, S., see Schweitz, L. 817(1998)5
- Nilsson, T., Baglio, D., Galdo-Miguez, I., Øgaard Madsen, J. and Faccetti, S.
Derivatisation/solid-phase microextraction followed by gas chromatography-mass spectrometry for the analysis of phenoxy acid herbicides in aqueous samples 826(1998)211
- Nilsson, T., see Björklund, E. 836(1999)285
- Nilsson, U., see Becker, G. 826(1998)57
- Ning, J.G.
Direct chiral separation with Chiraldpak AD converted to the reversed-phase mode 805(1998)309
- Nishi, H., see Machida, Y. 805(1998)85
- Nishi, H., see Machida, Y. 810(1998)33
- Nishi, H., see Machida, Y. 830(1999)311
- Nishikawa, M., see Katagi, M. 833(1999)169
- Nishimura, M., see Yamamoto, A. 804(1998)305
- Nishimura, N., see Yaku, K. 848(1999)337
- Nishimura, Y., see Masuda, T. 845(1999)401
- Nishino, A., see Taga, A. 822(1998)271
- Nishiyama, F., see Mao, Q. 802(1998)203
- Nishizawa, H., Tahara, K., Miyamori, S., Motegi, Y., Shoji, T. and Abe, Y.
True moving bed chromatography: solid-liquid multi-stage counter-current extraction 849(1999)61
- Nissinen, T., see Rantakokko, P. 839(1999)217
- Niwa, O., see Morita, M. 837(1999)17
- Noa, M.D., see Lopez-Canovas, L. 806(1998)187
- Nobuhara, K., see Okamoto, M. 845(1999)409
- Nola, M., see Carducci, C. 846(1999)93
- Nolan, C., see Deng, Y. 817(1998)145
- Noll, B., see Jankowsky, R. 833(1999)83
- Nomura, M., see Ismail, I.M. 808(1998)185
- Nonomura, M. and Hobo, T.
Simultaneous determination of sulphur oxides, nitrogen oxides and hydrogen chloride in flue gas by means of an automated ion chromatographic system 804(1998)151
- Nookandeh, A., see Zhao, Y. 837(1999)83
- Nordström, A.-C., see Olsson, J. 824(1998)231
- Nordström, A.-C., see Olsson, J. 826(1998)227
- Nordström, O., see Olsson, J. 826(1998)227
- Normén, L., see Dutta, P.C. 816(1998)177
- Novaković, J.
High-performance thin-layer chromatography for the determination of ranitidine hydrochloride and famotidine in pharmaceuticals 846(1999)193
- Nović, M., Divjak, B. and Pihlar, B.
On-column processes in ion chromatographic determination of nitrite and nitrate in heavy mineralised samples 827(1998)83
- Nović, M., see Divjak, B. 829(1998)167
- Nowack, B. and von Gunten, U.
Determination of chlorate at low µg/l levels by ion-chromatography with postcolumn reaction 849(1999)209
- Nowakowska, J., see Zarzycki, P.K. 839(1999)149
- Nowakowski, R., see Bielejewska, A. 840(1999)159
- Nunes, D.S., see Verotta, L. 841(1999)165
- Nunes, G.S., Marco, M.P., Ribeiro, M.L. and Barceló, D.
Validation of an immunoassay method for the determination of traces of carbaryl in vegetable and fruit extracts by liquid chromatography with photodiode array and mass spectrometric detection 823(1998)109
- Nuzillard, J.-M., see Renault, J.-H. 849(1999)421
- Nyholm, L.M. and Markides, K.E.
Column preparation for reversed-phase high-temperature open tubular column liquid chromatography 813(1998)11

O

- Obie, R.T., see Muenter, M.M. 844(1999)1
- Obiols, J., see Guardino, X. 823(1998)91
- Oboh, H.A., Muzquiz, M., Burbano, C., Cuadrado, C., Pedrosa, M.M., Ayet, G. and Osagie, A.U.
Anti-nutritional constituents of six underutilized legumes grown in Nigeria 823(1998)307
- Oda, H., see Hiraoka, A. 802(1998)143

- Odani, H., see Oka, H. 813(1998)71
- Odenbrand, I., see Mu, H. 849(1999)285
- O'Doherty, S.J., Nickless, G., Bassford, M., Pajot, M. and Simmonds, P.
Separation of hydrohalocarbons and chlorofluorocarbons using a cyclodextrin gas solid chromatography capillary column 832(1999)253
- Oefner, P.J., see Doris, P.A. 806(1998)47
- Oehme, G., see Fischer, C. 845(1999)273
- Oehme, M., see Baycan-Keller, R. 837(1999)201
- Oertel, C.M., see Gallagher, P.A. 817(1998)31
- Oertel, R., Richter, K. and Kirch, W.
Sensitive method for the determination of the antiarrhythmic drug detajmium in serum by solid-phase extraction and high-performance liquid chromatography with fluorimetric detection 846(1999)217
- Øgaard Madsen, J., see Nilsson, T. 826(1998)211
- O'Gara, F., see Casey, C.E. 804(1998)311
- Ogasawara, K., see Shinbo, T. 803(1998)95
- Ogino, N., see Toyoda, H. 830(1999)197
- Oguma, K., see Shibukawa, M. 830(1999)321
- Oguma, K., see Shibukawa, M. 832(1999)17
- Ogura, H., see Shibukawa, M. 830(1999)321
- O'Hanlon, M., see Staniforth, M. 833(1999)195
- Ohmi, H., see Yamamoto, A. 804(1998)305
- Ohta, H., see Kataoka, M. 824(1998)211
- Ohta, K., see Kwon, S.-M. 850(1999)79
- Ohta, K., Morikawa, H., Tanaka, K. and Haddad, P.R.
Non-suppressed ion chromatography of cations on silica gel modified with aluminium 804(1998)171
- Ohta, K., Morikawa, H. and Tanaka, K.
Simultaneous separation of common mono- and divalent cations on silica gel modified with aluminium by non-suppressed ion chromatography with conductimetric detection and nitric acid-15-crown-5 as eluent 850(1999)229
- Ohta, K. and Tanaka, K.
Suppressed ion chromatography of inorganic anions and divalent metal cations with pyromellitic acid as eluent 804(1998)87
- Ohta, K., see Tanaka, K. 804(1998)179
- Ohta, K. and Tanaka, K.
Ion-exclusion chromatography of carboxylic acids on silica gel modified with aluminium 850(1999)177
- Ohta, K., see Tanaka, K. 850(1999)311
- Ohtsu, Y., see Kobayashi, S. 828(1998)75
- Ohtsuki, K., see Sato, K. 811(1998)69
- Oka, H., Harada, K.-i., Ito, Y. and Ito, Y.
Separation of antibiotics by counter-current chromatography 812(1998)35
- Oka, H., see Ito, Y. 810(1998)81
- Oka, H., Ito, Y., Ikai, Y., Kagami, T. and Harada, K.-i.
Mass spectrometric analysis of tetracycline antibiotics in foods 812(1998)309
- Oka, H., Ito, Y., Yamada, S., Kagami, T., Hayakawa, J., Harada, K.-i., Atsumi, E., Suzuki, M., Suzuki, M., Odani, H., Akahori, S., Maeda, K., Nakazawa, H. and Ito, Y.
Separation of lac dye components by high-speed counter-current chromatography 813(1998)71
- Okabe, H., Itabashi, Y., Ota, T. and Kuksis, A.
Highly sensitive method for the separation of enantiomeric and regioisomeric diacylglycerols as 2-anthrylurethanes by chiral-phase high-performance liquid chromatography with fluorescence detection 829(1998)81
- Okada, T.
Nonaqueous ion-exchange chromatography and electrophoresis. Approaches to nonaqueous solution chemistry and design of novel separation 804(1998)17
- Okada, T.
Polyethers in inorganic capillary electrophoresis 834(1999)73
- Okada, T.
Interpretation of chromatographic behavior of ions based on the electric double-layer theory 850(1999)3
- Okada, T., see Oszwaldowski, S. 850(1999)9
- Okada, T., see Yoshida, T. 840(1999)1
- Okada, T., see Yoshida, T. 841(1999)19
- Okamoto, M., Kato, M., Nobuhara, K., Satoh, K., Yamamoto, Y. and Ihara, H.
Retention behaviour of products extracted from oriental medicine formulations in high-performance liquid chromatography on octadecyl acrylate-modified silicas 845(1999)409
- O'Kane, E., see McClean, S. 838(1999)273
- Okayama, A., see Tahara, S.-i. 848(1999)465
- Okayasu, H., see Yamamoto, N. 819(1998)177
- Okazaki, K., see Furusawa, N. 830(1999)473
- Okazaki, Y., see Haginaka, J. 840(1999)171
- O'Keefe, F., see Haynes, III, J.L. 803(1998)261
- Okembo, A.A., Hill, H.H., Metcalf, S.G. and Bachelor, M.A.
Determination of nitrate and nitrite in Hanford defense waste by reverse-polarity capillary zone electrophoresis 844(1999)387
- Okruszek, A., see Kotyński, A. 813(1998)135
- Okumura, Y., see Tsukagoshi, K. 813(1998)402
- Okutani, T., see Sakuragawa, A. 844(1999)403
- O'Laughlin, J., see Echols, K.R. 811(1998)135
- Oldham, N.J., see Jones, G.R. 843(1999)199
- Oliva, J., Navarro, S., Barba, A. and Navarro, G.
Determination of chlorpyrifos, penconazole, fenarimol, vinclozolin and metalaxyl in grapes, must and wine by on-line microextraction and gas chromatography 833(1999)43
- Oliva, M., see Pesek, J.J. 818(1998)145
- Oliver, C.N., see Yuan, Y. 816(1998)21
- Oliver, J., Palou, A. and Pons, A.
Semi-quantification of carotenoids by high-performance liquid chromatography: saponification-induced losses in fatty foods 829(1998)393
- Olivero, J. and Kannan, K.
Quantitative structure-retention relationships of polychlorinated naphthalenes in gas chromatography 849(1999)621
- Oliveros, L., see Senso, A. 839(1999)15
- Olsauskaitė, V., see Padarauskas, A. 829(1998)359
- Olsen, C.E., see Blennow, A. 829(1998)385

- Olson, N.A., Skogerboe, K.J. and Synovec, R.E.
Hydrophobic interaction chromatography coupled with dynamic surface tension detection for the determination of surface active species in protein formulations 806(1998)239
- Olsson, J., Claeson, K., Karlberg, B. and Nordström, A.-C.
Determination of indole-3-acetic acid and indole-3-acetylaspartic acid in pea plant with capillary electrophoresis and fluorescence detection 824(1998)231
- Olsson, J., Nordström, O., Nordström, A.-C. and Karlberg, B.
Determination of ascorbic acid in isolated pea plant cells by capillary electrophoresis and amperometric detection 826(1998)227
- Olvera, J., see Cruickshank, K.A. 817(1998)41
- Oncescu, T., see Tudor, E. 844(1999)201
- O'Neill, K., see Shao, X. 809(1998)171
- O'Neill, K., see Shao, X. 830(1999)415
- Onishi, S., see Itoh, S. 848(1999)169
- Onji, Y., Aoki, Y., Tani, N., Umebayashi, K., Kitada, Y. and Dohi, Y.
Direct analysis of several *Fusarium* mycotoxins in cereals by capillary gas chromatography-mass spectrometry 815(1998)59
- Ono, I., see Iwase, H. 806(1998)361
- Ono, S., Funato, T., Inoue, Y., Munechika, T., Yoshimura, T., Morita, H., Rengakuji, S.-I. and Shimasaki, C.
Determination of melamine derivatives, melame, meleme, ammeline and ammelide by high-performance cation-exchange chromatography 815(1998)197
- Ono, Y., see Yasaka, Y. 810(1998)221
- Onor, M., see Fuoco, R. 846(1999)387
- Opekar, F., see Jelínek, I. 802(1998)381
- Ordóñez, A.I., see Izco, J.M. 832(1999)239
- Orihuela, C., Fronek, R., Miller, L., Honda, D. and Murphy, J.
Unique dynamic axial compression packing system 827(1998)193
- Orihuela, C., see Miller, L. 849(1999)309
- Oriňák, A., Oriňáková, R. and Turčániová, L.
Thin-layer chromatography of mixed-ligand zinc complexes coupled with atomic absorption spectrometric analysis of zinc 825(1998)189
- Oriňáková, R., see Oriňák, A. 825(1998)189
- Orlandi, M., see Belloli, R. 846(1999)277
- Orlandi, M., see Bolzachini, E. 813(1998)255
- Orozco, E., see Lopez-Canovas, L. 806(1998)123
- Orozco, E., see Lopez-Canovas, L. 806(1998)187
- Orta, D., Mudgett, P.D., Ding, L., Drybread, M., Schultz, J.R. and Sauer, R.L.
Analysis of water from the Space Shuttle and Mir Space Station by ion chromatography and capillary electrophoresis 804(1998)295
- Ortega, A., see Cifuentes, A. 823(1998)561
- Ortega, J., see Tejeda, A. 830(1999)293
- Ortius, D., see Maile, R. 816(1998)169
- Orwa, J.A., Bosmans, F., Depuydt, S., Roets, E. and Hoogmartens, J.
Liquid chromatographic method for separation of lincomycin from its related substances 829(1998)161
- Osagie, A.U., see Oboh, H.A. 823(1998)307
- Osawa, A.E., Sitrin, R. and Lee, S.S.
Purification of pneumocandins by preparative silica-gel high-performance liquid chromatography 831(1999)217
- Osborn, H.M.I., Lochev, F., Mosley, L. and Read, D.
Analysis of polysaccharides and monosaccharides in the root mucilage of maize (*Zea mays* L.) by gas chromatography 831(1999)267
- Oscarsson, S. and Kårsnäs, P.
Salt-promoted adsorption of proteins onto amphiphilic agarose-based adsorbents. II. Effects of salt and salt concentration 803(1998)83
- Ossendrijver, F.M., see Hogendoorn, E.A. 833(1999)67
- Osseyi, E.S., Wehling, R.L. and Albrecht, J.A.
Liquid chromatographic method for determining added folic acid in fortified cereal products 826(1998)235
- Östman, C., see Becker, G. 826(1998)57
- O'Sullivan, O.B., see Casey, C.E. 804(1998)311
- Oszwaldowski, S. and Okada, T.
Acoustic effects in chromatography 850(1999)9
- Ota, T., see Okabe, H. 829(1998)81
- Oteo, J.L., see Gutierrez, M.C. 845(1999)53
- Otson, R. and Cao, X.-L.
Evaluation of a small prototype passive sampler for airborne volatile organic compounds 802(1998)307
- Otsuka, K., see Muijselaar, P.G. 802(1998)3
- Otsuka, K., see Quirino, J.P. 838(1999)3
- Otsuka, K., Smith, C.J., Grainger, J., Barr, J.R., Patterson, Jr., D.G., Tanaka, N. and Terabe, S.
Stereoselective separation and detection of phenoxy acid herbicide enantiomers by cyclodextrin-modified capillary zone electrophoresis-electrospray ionization mass spectrometry 817(1998)75
- Otsuka, K., see Tanaka, Y. 817(1998)49
- Otte, Y., see Thunhorst, M. 818(1998)239
- Otto, M., see Leinweber, F.C. 848(1999)347
- Otvos, L., see Hoffmann, R. 814(1998)111
- Ou, J., see Wang, Q. 848(1999)139
- Ou, Q., see Yang, Y. 834(1999)387
- Ou, Q., see Yang, Y. 834(1999)393
- Ou, Q., see You, J. 848(1999)117
- Ou, Q.-Y., see Kang, J.-W. 825(1998)81
- Oweimreen, G.A., see Conder, J.R. 829(1998)201
- Ozaki, A., see Furusawa, N. 830(1999)473
- Özer, N., see Altintaş, M.M. 828(1998)373

P

- Pacákova, V., Coufal, P. and Štulík, K.
Capillary electrophoresis of inorganic cations 834(1999)257
- Pacákova, V., see Tesařová, E. 838(1999)121

- Pace, R., see Brolis, M. 825(1998)9
 Packer, N.H., see Yan, J.X. 808(1998)23
 Packer, N.H., see Yan, J.X. 813(1998)187
 Padarauskas, A., Judžentienė, A., Naujalis, E. and Paliulionytė, V.
 On-line preconcentration and determination of chromium(VI) in waters by high-performance liquid chromatography using pre-column complexation with 1,5-diphenylcarbazide 808(1998)193
 Padarauskas, A., Olšauskaitė, V. and Paliulionytė, V.
 Simultaneous determination of inorganic anions and cations in waters by capillary electrophoresis 829(1998)359
 Padró, A., see Vilanó, M. 819(1998)211
 Pagani, G., see Grasso, P. 822(1998)91
 Page, D.S., see Wang, Z. 843(1999)369
 Pähler, A., Völkel, W. and Dekant, W.
 Quantitation of N^{ϵ} -(dichloroacetyl)-L-lysine in proteins after perchloroethene exposure by gas chromatography-mass spectrometry using chemical ionization and negative ion detection following immunoaffinity chromatography 847(1999)25
 Pähler, A., see Völkel, W. 847(1999)35
 Pahlke, S., see Ehmann, T. 816(1998)261
 Pais, L.S., Loureiro, J.M. and Rodrigues, A.E.
 Separation of enantiomers of a chiral epoxide by simulated moving bed chromatography 827(1998)215
 Pajchel, G. and Tyski, S.
 Adaptation of capillary electrophoresis to piperacillin drug analysis 846(1999)223
 Pajot, M., see O'Doherty, S.J. 832(1999)253
 Pál, R., Juhász, M. and Stumpf, A.
 Detailed analysis of hydrocarbon groups in diesel range petroleum fractions with on-line coupled supercritical fluid chromatography-gas chromatography-mass spectrometry 819(1998)249
 Palamarev, C.E., Meyer, V.R. and Palamareva, M.D.
 New approach to the computer-assisted selection of mobile phases for high-performance liquid chromatography on the basis of the Snyder theory 848(1999)1
 Palamareva, M.D., see Palamarev, C.E. 848(1999)1
 Páldi, E., see Bencsik, K. 824(1998)175
 Paliulionytė, V., see Padarauskas, A. 808(1998)193
 Paliulionytė, V., see Padarauskas, A. 829(1998)359
 Palla, G., see Peri, F. 802(1998)315
 Palleschi, L., see Draisici, R. 814(1998)187
 Palleschi, L., see Draisici, R. 847(1999)213
 Palleschi, L., see James, K.J. 844(1999)53
 Palma, M. and Taylor, L.T.
 Extraction of polyphenolic compounds from grape seeds with near critical carbon dioxide 849(1999)117
 Palmer, C.P., see Tanaka, N. 802(1998)23
 Palmer, M.E., see Ellis, D.R. 808(1998)269
 Palmer, M.E., see Ellis, D.R. 829(1998)419
 Palou, A., see Oliver, J. 829(1998)393
 Panebianco, A.S., see Tranfo, G. 847(1999)19
 Pang, H.-m., see Fung, E.N. 806(1998)157
 Pantani, F., see Bao, M.-l. 809(1998)75
 Pantůčková, P., see Křivánková, L. 838(1999)55
 Panzeri, F., see Brolis, M. 825(1998)9
 Paolotti, P., see Floridi, A. 846(1999)65
 Papageorgiou, V.P., Bakola-Christianopoulou, M.N., Apazidou, K.K. and Psarros, E.E.
 Corrigendum to "Gas chromatographic-mass spectroscopic analysis of the acidic triterpenic fraction of mastic gum" [J. Chromatogr. A, 769 (1997) 263–273] 831(1999)333
 Parcerisa, J., Richardson, D.G., Rafecas, M., Codony, R. and Bezashvili, G.S., see Rukhadze, M.D. 805(1998)45
 Parisi, L. and von Hunolstein, C.
 Determination of the molecular size distribution of *Haemophilus influenzae* type b-tetanus toxoid conjugate vaccines by size-exclusion chromatography 847(1999)209
 Park, H.-M., Kim, Y.-M., Lee, D.-W. and Lee, K.-B.
 Evaluation of natural crab shell as an adsorbent for preconcentrating airborne volatile organic compounds collected in a canister 829(1998)215
 Park, I., see Moon, M.H. 813(1998)91
 Park, J.-H., see Kim, Y.-O. 850(1999)369
 Park, J.H., see Ryu, J.W. 814(1998)247
 Parkinson, P.D., see Bérubé, P.R. 830(1999)485
 Parodi, O., see Accinni, R. 828(1998)397
 Paroni, R., see Arcelloni, C. 812(1998)111
 Parra, P., see Yritia, M. 846(1999)199
 Parrot, S., see Robert, F. 817(1998)195
 Parry, M.A.J., see Andralojc, P.J. 814(1998)105
 Pascale, M., see Visconti, A. 815(1998)133
 Pascual, C., see Lopez, R. 812(1998)135
 Pasterny (Di Marco), M., Ducharme, M.P., Descorps, V., Felix, G. and Wainer, I.W.
 On-line deconjugation of chloramphenicol- β -D-glucuronide on an immobilized β -glucuronidase column. Application to the direct analysis of urine samples 828(1998)135
 Patel, Y.P., Patil, S., Bhoir, I.C. and Sundaresan, M.
 Isocratic, simultaneous reversed-phase high-performance liquid chromatographic estimation of six drugs for combined hypertension therapy 828(1998)283
 Patel, Y.P., Shah, N., Bhoir, I.C. and Sundaresan, M.
 Simultaneous determination of five antibiotics by ion-pair high-performance liquid chromatography 828(1998)287
 Patil, S., see Patel, Y.P. 828(1998)283
 Patil, S.S., see Desai, A.S. 841(1999)55
 Patočka, J., see Vargas, M.G. 802(1998)121
 Patsalides, E., see Robards, K. 844(1999)181
 Patterson, Jr., D.G., see Otsuka, K. 817(1998)75
 Patterson, Jr., D.G., see Smith, C.J. 803(1998)241
 Paull, B., Clow, M. and Haddad, P.R.
 Separation and visible detection of alkaline earth metals on a polymeric reversed-phase column with a mobile phase containing a selective colour-forming chelating ligand 804(1998)95
 Paull, B., see Ng, K.L. 850(1999)17
 Paull, B., see Vachirapatama, N. 850(1999)257
 Paulus, G., see Voelter, W. 807(1998)135
 Pavelka Jr., J., see Tomaniová, M. 827(1998)21
 Pawliszyn, J., see Pörschmann, J. 816(1998)159
 Pålsson, P., see Landberg, E. 814(1998)97
 Pålsson, E., Smeds, A.-L., Petersson, A. and Larsson, P.-O.
 Faster isolation of recombinant factor VIII SQ, with a superporous agarose matrix 840(1999)39

- Pedersen-Bjergaard, S., Rasmussen, K.E. and Tilander, T.
Separation of fat-soluble vitamins by hydrophobic interaction electrokinetic chromatography with tetradecylammonium ions as pseudostationary phase 807(1998)285
- Pedersen-Bjergaard, S., see Brede, C. 849(1999)553
- Pedrosa, M.M., see Legaz, M.E. 823(1998)511
- Pedrosa, M.M., see Oboh, H.A. 823(1998)307
- Peerboom, C., see Strel, B. 819(1998)113
- Peeters, R., see Vander Heyden, Y. 845(1999)145
- Péhourcq, F. and Jarry, C.
Determination of third-generation cephalosporins by high-performance liquid chromatography in connection with pharmacokinetic studies 812(1998)159
- Pelegrí, R., see Abad, A. 833(1999)3
- Pelikánová, T., see Křížek, M. 815(1998)243
- Pellicciari, R., see Natalini, B. 847(1999)339
- Pelosi, P., see Di Muccio, A. 833(1999)19
- Pelosi, P., see Di Muccio, A. 833(1999)61
- Peltoniemi, S., see Sirén, H. 839(1999)203
- Peña, C., see Ferreira, V. 824(1998)195
- Peña Méndez, E.M., see Fetsch, D. 817(1998)313
- Peñalver, A., see Aguilar, C. 844(1999)425
- Peñalver, A., Pocurull, E., Borrull, F. and Marcé, R.M.
Solid-phase microextraction of the antifouling Igarol 1051 and the fungicides dichlofluanid and 4-chloro-3-methylphenol in water samples 839(1999)253
- Peña-Méndez, E.M., see Farková, M. 848(1999)365
- Peng, C.T.
Comments on predictive strategies for determining retention indexes 808(1998)277
- Peng, C.T.
Reply to "Reply to "Comments on predictive strategies for determining retention indices"" 808(1998)281
- Penn, L., see Huang, M.M. 828(1998)303
- Penner, N.A., see Kolpachnikova, M.G. 826(1998)15
- Pentón, E., see Tleugabulova, D. 845(1999)171
- Peñuela, G., see Fernandez-Alba, A.R. 823(1998)35
- Peñuela, G.A. and Barceló, D.
Photodegradation and stability of chlorothalonil in water studied by solid-phase disk extraction, followed by gas chromatographic techniques 823(1998)81
- Pepich, B.V., see Wagner, H.P. 850(1999)119
- Pépin, D., see Charles, L. 804(1998)105
- Perdue, E.M., see Schmitt-Kopplin, Ph. 807(1998)101
- Perez, G., see Lopez-Canovas, L. 806(1998)187
- Pérez Pavón, J.L., see Fernández Laespada, M.E. 823(1998)537
- Pérez, R.A., see Sánchez-Brunete, C. 823(1998)17
- Pérez-Arribas, L.V., see Fernández-Salinero, G. 839(1999)227
- Pérez-Clavijo, M., see Sanz-Asensio, J. 840(1999)235
- Pérez-Magariño, S., Revilla, I., González-SanJosé, M.L. and Beltrán, S.
Various applications of liquid chromatography–mass spectrometry to the analysis of phenolic compounds 847(1999)75
- Pérez-Magariño, S., see Revilla, I. 847(1999)83
- Pérez-Ruzafa, A., see Hegazi, M.M. 829(1998)153
- Peri, F., Maggi, R., Palla, G., Bigi, F., Corradini, R., Bocchi, M., Righi, L. and Sartori, G.
Discrimination properties of tetraamidic branched selectors 802(1998)315
- Pernías, K., see Garrigós, M.C. 819(1998)259
- Perreault, H., see Shen, X. 811(1998)47
- Perret, D., see D'Ascenzo, G. 813(1998)285
- Perrett, D., see Alfazema, L.N. 817(1998)345
- Perrino, C., Concetta, M., Scianò, T. and Allegrini, I.
Use of ion chromatography for monitoring atmospheric pollution in background networks 846(1999)269
- Perrot, M.-C., see Lacorte, S. 833(1999)181
- Perrotte, S., see Marty, Y. 839(1999)119
- Perschbacher, PW., see Zhu, M. 833(1999)223
- Pesek, J.J., Matyska, M.T., Oliva, M. and Evanchic, M.
Synthesis and characterization of bonded phases made via hydrosilation of alkynes on silica hydride surfaces 818(1998)145
- Pesek, J.J., Matyska, M.T. and Cho, S.
Open tubular capillary electrochromatography in etched, chemically modified 20 µm I.D. capillaries 845(1999)237
- Péter, A., see Péter, M. 816(1998)123
- Péter, A., Török, G., Armstrong, D.W., Tóth, G. and Tourwé, D.
Effect of temperature on retention of enantiomers of β-methyl amino acids on a teicoplanin chiral stationary phase 828(1998)177
- Péter, A., see Török, G. 846(1999)83
- Péter, A., Tóth, G., Tömböly, C., Laus, G. and Tourwé, D.
Liquid chromatographic study of the enzymatic degradation of endomorphins, with identification by electrospray ionization mass spectrometry 846(1999)39
- Péter, M., Péter, A., Van der Eycken, J., Csomós, P., Bernáth, G. and Fülöp, F.
High-performance liquid chromatographic separation of enantiomers of cyclic 1,3-amino alcohol derivatives 816(1998)123
- Peterlongo, F., see Brolis, M. 825(1998)9
- Peterlongo, F., see Verotta, L. 841(1999)165
- Petersen, S.L. and Ballou, N.E.
Separation of micrometer-size oxide particles by capillary zone electrophoresis 834(1999)445
- Petersson, A., see Pålsson, E. 840(1999)39
- Petersson, G., see Kjällstrand, J. 824(1998)205
- Petersson, M., Wahlund, K.-G. and Nilsson, S.
Miniatuerised on-line solid-phase extraction for enhancement of concentration sensitivity in capillary electrophoresis 841(1999)249
- Petrakis, K.N., Chaimbault, P., Elfakir, C. and Dreux, M.
Ion-pair reversed-phase liquid chromatography for determination of polar underivatized amino acids using perfluorinated carboxylic acids as ion pairing agent 833(1999)147
- Petrović, M., see Babić, S. 823(1998)3
- Pettersson, C., see Hedeland, M. 807(1998)297
- Petteys, M.P. and Schimpf, M.E.
Characterization of hematite and its interaction with humic material using flow field-flow fractionation 816(1998)145
- Petz, M., see Preu, M. 818(1998)95
- Petz, M., see Preu, M. 840(1999)81

- Peyrin, E., Guillaume, Y.C., Morin, N. and Guinchard, C.
Retention behavior of D,L-dansyl-amino acids on a human serum albumin chiral stationary phase: effect of a mobile phase modifier 808(1998)113
- Peyrin, E. and Guillaume, Y.C.
Chemometric approach to the treatment of benzodiazepine separation and peak broadening in capillary electrophoresis 849(1999)563
- Peyrin, E., see Morin, N. 808(1998)51
- Peyrot, N., see Ceugniet, C. 810(1998)237
- Pfannhauser, W., see Siegmund, B. 840(1999)249
- Pfeiffer, J. and Schurig, V.
Enantiomer separation of amino acid derivatives on a new polymeric chiral resor[4]arene stationary phase by capillary gas chromatography 840(1999)145
- Phillips, J.G., see Chen, T.K. 811(1998)145
- Piana, A., see Minniti, G. 828(1998)401
- Pichon, V., see Bouzige, M. 823(1998)197
- Pichon, V., see Bouzige, M. 846(1999)317
- Pichon, V., see Hennion, M.-C. 823(1998)147
- Picó, Y., see Ibáñez, M. 823(1998)137
- Piehler, L.T., see Brothers II, H.M. 814(1998)233
- Pierani, D., see Vezzani, S. 811(1998)85
- Pierani, D., see Vezzani, S. 848(1999)229
- Pierdominici, E., see Fiori, M. 807(1998)219
- Pierini, E., see Mastrogiamoco, A.R. 810(1998)131
- Pierucci, P., see Benfenati, E. 831(1999)243
- Pietrzyk, D.J., see Liu, Y. 804(1998)337
- Pietrzyk, D.J., see Lovdahl, M.J. 850(1999)143
- Pihlar, B., see Novič, M. 827(1998)83
- Pihlar, B., see Strlič, M. 805(1998)93
- Pihlar, B., see Zupančič, T. 840(1999)11
- Pilegaard Hansen, L., see Bjergegaard, C. 836(1999)137
- Piletsky, S.A., see Andersson, H.S. 848(1999)39
- Piñeiro, N., Leão, J.M., Gago Martínez, A. and Rodríguez Vázquez, J.A.
Capillary electrophoresis with diode array detection as an alternative analytical method for paralytic and amnesic shellfish toxins 847(1999)223
- Pinkston, J.D., see Chester, T.L. 807(1998)265
- Pinnaduwage, L.A., see Ma, C.Yu. 844(1999)217
- Pinti, D.L. and Marty, B.
Separation of noble gas mixtures from petroleum and their isotopic analysis by mass spectrometry 824(1998)109
- Pinto, A.M. and Taylor, L.T.
Evolution of a method for quantitative supercritical fluid extraction of Ethanox 330 antioxidant from high-density polyethylene 811(1998)163
- Pinto, D., see Heller, C. 806(1998)113
- Pinto, F.J., see Santos, F.J. 823(1998)249
- Pinto, G.M.F. and Jardim, I.C.S.F.
Determination of bentazon residues in water by high-performance liquid chromatography. Validation of the method 846(1999)369
- Pirkle, W.H. and Koscho, M.E.
Structural optimization of a chiral selector for use in preparative enantioselective chromatography 840(1999)151
- Pirlet, A.-S., Guetas, L., Pitiot, O., Heyraud, A., Vijayalakshmi, M.A., Courtois, B. and Courtois, J.
Selective affinity of L-histidine immobilized onto poly(ethylene-vinyl alcohol) hollow-fiber membranes for various oligoglucuronans. Influence of the degree of polymerization and the degree of substitution by acetate 841(1999)1
- Pirlet, A.-S., Pitiot, O., Guetas, L., Heyraud, A., Courtois, B., Courtois, J. and Vijayalakshmi, M.A.
Separation of low-molecular-mass acetylated glucuronans on L-histidine immobilized onto poly(ethylene-vinyl alcohol) hollow-fiber membranes 826(1998)157
- Pirogov, A.V., Platonov, M.M. and Shpigun, O.A.
Polyelectrolyte sorbents based on aliphatic ionenes for ion chromatography 850(1999)53
- Pitiot, O., see Pirlet, A.-S. 826(1998)157
- Pitiot, O., see Pirlet, A.-S. 841(1999)1
- Planting, S., see Kallenborn, R. 846(1999)295
- Plass, M., Valko, K. and Abraham, M.H.
Determination of solute descriptors of tripeptide derivatives based on high-throughput gradient high-performance liquid chromatography retention data 803(1998)51
- Platonov, M.M., see Pirogov, A.V. 850(1999)53
- Plattner, T., see Heuer, C. 827(1998)175
- Plavec, J., see Kralj Cigic, I. 847(1999)359
- Plaza-Medina, M., see Sanz-Asensio, J. 840(1999)235
- Plebani, C., see Tranzo, G. 847(1999)19
- Pliss, N.S., see Andreev, V.P. 845(1999)227
- Plumb, R.S., see Ayrton, J. 828(1998)199
- Pocurull, E., Aguilar, C., Borrull, F. and Marcé, R.M.
On-line coupling of solid-phase extraction to gas chromatography with mass spectrometric detection to determine pesticides in water 818(1998)85
- Pocurull, E., see Aguilar, C. 844(1999)425
- Pocurull, E., see Peñalver, A. 839(1999)253
- Pöder, R., see Kirchmair, M. 832(1999)247
- Podgornik, A., Barut, M., Jančar, J. and Štrancar, A.
Isocratic separations on thin glycidyl methacrylate-ethylenedimethacrylate monoliths 848(1999)51
- Podgornik, A., see Josić, D. 803(1998)61
- Pohl, C., Rey, M., Jensen, D. and Kerth, J.
Determination of sodium and ammonium ions in disproportionate concentration ratios by ion chromatography 850(1999)239
- Pohl, C., see Weitzhandler, M. 828(1998)365
- Pohl, C.A., see Rey, M.A. 804(1998)201
- Pokrić, B., Allinson, N.M., Bergström, E.T. and Goodall, D.M.
Dynamic analysis of capillary electrophoresis data using real-time neural networks 833(1999)231
- Polesello, S., see Colombini, S. 822(1998)162
- Polesello, S., see Colombini, S. 847(1999)279
- Polesello, S. and Valsecchi, S.M.
Electrochemical detection in the capillary electrophoresis analysis of inorganic compounds 834(1999)103
- Polesello, S., see Valsecchi, S.M. 834(1999)363
- Pollini, W., see Cavalieri, M. 846(1999)185
- Polo-Díez, L.M., see Fernández-Salinero, G. 839(1999)227
- Polonský, J., see Sádecká, J. 834(1999)401
- Polson, N.A., see Niederhauser, T.L. 804(1998)69
- Polzer, J., see Bautz, H. 815(1998)231

- Pombo-Villar, E., see Richmond, R. 811(1998)241
- Pomponio, R., see Gotti, R. 844(1999)361
- Pons, A., see Oliver, J. 829(1998)393
- Poole, C.F.
Relationship between liquid-liquid distribution and liquid-micelle distribution systems 807(1998)307
- Poole, C.F., see Abraham, M.H. 842(1999)79
- Poole, C.F., see Kiridena, W. 802(1998)335
- Poole, C.F., see Martin, S.D. 805(1998)217
- Poole, C.F., see Poole, S.K. 845(1999)381
- Poole, C.F., see Rosés, M. 829(1998)29
- Poole, S.K., see Abraham, M.H. 842(1999)79
- Poole, S.K. and Poole, C.F.
Chromatographic models for the sorption of neutral organic compounds by soil from water and air 845(1999)381
- Popelka, Š., Kabátek, Z., Viovy, J.-L. and Gaš, B.
Peak dispersion due to geometration motion in the gel electrophoresis of macromolecules 838(1999)45
- Poppe, H.
System peaks and non-linearity in capillary electrophoresis and high-performance liquid chromatography 831(1999)105
- Poppe, H., see Seifar, R.M. 808(1998)71
- Poppe, H., see Seifar, R.M. 832(1999)133
- Poppe, H., see Venema, E. 837(1999)3
- Porras, S.P., see Valkó, I.E. 813(1998)179
- Pörschmann, J., Blasberg, L., Mackenzie, K. and Harting, P.
Application of surfactants to the supercritical fluid extraction of nitroaromatic compounds from sediments 816(1998)221
- Pörschmann, J., Kopinke, F.-D. and Pawliszyn, J.
Solid-phase microextraction for determining the binding state of organic pollutants in contaminated water rich in humic organic matter 816(1998)159
- Porter, M.D., see Wang, S. 828(1998)157
- Porzel, A., see Kramell, R. 847(1999)103
- Possanzini, M., see Cecinato, A. 846(1999)255
- Potin-Gautier, M., see Lespes, G. 826(1998)67
- Potin-Gautier, M., see Montigny, C. 819(1998)221
- Pou, L., see Lopez, R. 812(1998)135
- Poustka, J., see Kotal, F. 830(1999)219
- Powell, S., see Wartell, R.M. 806(1998)169
- Pozas, J.A., see Gómez-Ariza, J.L. 823(1998)259
- Prada, V., see Bermejo, J. 849(1999)507
- Prak, A., see Eijkel, J.C.T. 815(1998)265
- Pramauro, E., see Angelino, S. 845(1999)257
- Prat, M.D., see Graupera, E. 846(1999)413
- Prat, M.-D., see Leal, C. 809(1998)39
- Prazeres, D.M.F., Schluep, T. and Cooney, C.
Preparative purification of supercoiled plasmid DNA using anion-exchange chromatography 806(1998)31
- Pregnolato, M., see Grasso, P. 822(1998)91
- Preiss, A., see Benfenati, E. 831(1999)243
- Premstaller, A., see Huber, C.G. 849(1999)161
- Premstaller, A., see Huber, C.G. 849(1999)175
- Prest, J.E., Baldock, S.J., Bektaş, N., Fielden, P.R. and Treves Brown, B.J.
Single electrode conductivity detection for electrophoretic separation systems 836(1999)59
- Preston, P., see Ramadan, Z. 804(1998)29
- Prete, F., see Casella, I.G. 833(1999)75
- Preu, M., Guyot, D. and Petz, M.
Development of a gas chromatography-mass spectrometry method for the analysis of aminoglycoside antibiotics using experimental design for the optimisation of the derivatisation reactions 818(1998)95
- Preu, M. and Petz, M.
Development and optimisation of a new derivatisation procedure for gas chromatographic-mass spectrometric analysis of dihydrostreptomycin. Comparison of multivariate and step-by-step optimisation procedures 840(1999)81
- Previero, A., see Mattras, H. 803(1998)307
- Prevot, A.B., see Angelino, S. 845(1999)257
- Prickett, K.B., see McIninch, J.K. 828(1998)191
- Priebe, W., see Gryniewicz, G. 830(1999)191
- Prinsen, E., Van Dongen, W., Esmans, E.L. and Van Onckelen, H.A.
Micro and capillary liquid chromatography-tandem mass spectrometry: a new dimension in phytohormone research 826(1998)25
- Prioli, R., see Duncan, K. 815(1998)41
- Procházková, A., Křivánková, L. and Boček, P.
Analysis of orotic acid in human urine by on-line combination of capillary isotachophoresis and zone electrophoresis 838(1999)213
- Procida, G., Conte, L.S., Fiorasi, S., Comi, G. and Favretto, L.G.
Study on volatile components in salami by reverse carrier gas headspace gas chromatography-mass spectrometry 830(1999)175
- Prodolliet, J., see Roberts, M.A. 817(1998)353
- Prognon, P., see Franco, C.M. 815(1998)21
- Prokai, L., Aaserud, D.J. and Simonsick Jr., W.J.
Microcolumn size-exclusion chromatography coupled with electrospray ionization mass spectrometry 835(1999)121
- Prokeš, L., see Jandera, P. 831(1999)131
- Proksa, B.
Capillary zone electrophoretic separation of epimeric *N*-oxides of morphinan alkaloids 818(1998)251
- Proskurnin, M.A., see Dzyabchenko, A.A. 827(1998)13
- Provost, L.R., see D'Agostino, P.A. 808(1998)177
- Provost, L.R., see D'Agostino, P.A. 837(1999)93
- Provost, L.R., see D'Agostino, P.A. 840(1999)289
- Przybycien, T.M., see Sane, S.U. 849(1999)149
- Psarros, E.E., see Papageorgiou, V.P. 831(1999)333
- Pu, G., see Dixon, D.W. 802(1998)367
- Puelings, D., see Adams, E. 812(1998)151
- Puig, D., see Alonso, M.C. 823(1998)231
- Puignou, L., see Ruiz-Calero, V. 828(1998)497
- Puignou, L., see Toribio, F. 836(1999)223
- Pusecker, K., Albert, K. and Bayer, E.
Investigation of hop and beer bitter acids by coupling of high-performance liquid chromatography to nuclear magnetic resonance spectroscopy 836(1999)245
- Putzler, A., see Enoch, P. 822(1998)75
- Pyell, U., see Dworschak, A. 848(1999)387
- Pynnonen, B.
Simulated moving bed processing: escape from the high-cost box 827(1998)143
- Pyo, D., see Ryu, J.W. 814(1998)247

Q

- Qi, L., see Ito, Y. 802(1998)277
 Qi, M., see Ren, H. 817(1998)307
 Qi, Z.-H., see Qu, F. 850(1999)277
 Qian, G., see Du, Q. 835(1999)231
 Qian, H. and Sheng, M.
 Simultaneous determination of fat-soluble vitamins A, D and E and pro-vitamin D₂ in animal feeds by one-step extraction and high-performance liquid chromatography analysis 825(1998)127
 Qian, X., see Lan, Z.-H. 831(1999)325
 Qian, X., see Wang, Z. 806(1998)93
 Qu, F., Qi, Z.-H., Liu, K.-N. and Mou, S.-F.
 Determination of aspartame by ion chromatography with electrochemical integrated amperometric detection 850(1999)277
 Quaglia, M.G., see Vander Heyden, Y. 830(1999)3
 Quan, J., see Yang, F. 803(1998)298
 Quan, J., see Yang, F. 822(1998)316
 Quandt, B., see Lechtenberg, M. 848(1999)457
 Quattroni, G., see Morselli, L. 845(1999)357
 Que Hee, S.S., see Lin, Y.-W. 814(1998)181
 Queiroz, J.A., see Diogo, M.M. 849(1999)413
 Quilliam, M.A., Gago-Martínez, A. and Rodríguez-Vázquez, J.A.
 Improved method for preparation and use of 9-anthryldiazomethane for derivatization of hydroxycarboxylic acids. Application to diarrhetic shellfish poisoning toxins 807(1998)229
 Quiñones, I., Stanley, B. and Guiochon, G.
 Estimation of the adsorption energy distributions for the Jovanovic-Freundlich isotherm model with Jovanovic local behavior 849(1999)45
 Quintanilla-López, J.E., see García-Domínguez, J.A. 803(1998)197
 Quintanilla-López, J.E., see Lebrón-Aguilar, R. 805(1998)161
 Quirino, J.P., Terabe, S., Otsuka, K., Vincent, J.B. and Vigh, Gy.
 Sample concentration by sample stacking and sweeping using a microemulsion and a single-isomer sulfated β -cyclodextrin as pseudostationary phases in electrokinetic chromatography 838(1999)3
 Quirino, J.P. and Terabe, S.
 Sample stacking of fast-moving anions in capillary zone electrophoresis with pH-suppressed electroosmotic flow 850(1999)339

R

- Radice, L., see Chiesa, L.M. 847(1999)47
 Radko, S.P., Chrambach, A. and Weiss, G.H.
 Asymmetry of protein peaks in capillary zone electrophoresis: effect of starting zone length and presence of polymer 817(1998)253
 Radko, S.P. and Chrambach, A.
 Capillary zone electrophoresis of rigid submicron-sized particles in polyacrylamide solution. Selectivity, peak spreading and resolution 848(1999)443
 Radl, B., see Hiermann, A. 803(1998)311
 Radová, Z., Holadová, K. and Hajšlová, J.
 Comparison of two clean-up principles for determination of trichothecenes in grain extract 829(1998)259
 Radová, Z., see Kotal, F. 830(1999)219
 Rafecas, M., Guardiola, F., Illera, M., Codony, R. and Boatella, J.
 Liquid chromatographic determination of phenolic antioxidants in bakery products 822(1998)305
 Rafecas, M., see Parcerisa, J. 805(1998)259
 Rafiee, M., see Adams, E. 812(1998)151
 Ràfols, C., see Rosés, M. 845(1999)217
 Ragnarsson, U., see Fransson, B. 827(1998)31
 Ragone, P., see Cardelluccio, N. 847(1999)251
 Raith, K., see Schwarz, M.A. 809(1998)219
 Raith, K., Wolf, R., Wagner, J. and H.H. Neubert, R.
 Separation of phospholipids by nonaqueous capillary electrophoresis with electrospray ionisation mass spectrometry 802(1998)185
 Rakintzis, N., see Katsanos, N.A. 845(1999)103
 Ramadan, Z., Mulholland, M., Hibbert, D.B., Preston, P., Compton, P. and Haddad, P.R.
 Towards an expert system in ion-exclusion chromatography by means of multiple classification ripple-down rules 804(1998)29
 Ramanan, S. and Velayudhan, A.
 Displacement chromatography of chemotactic peptides 830(1999)91
 Ramnäs, O., see Kjällstrand, J. 824(1998)205
 Ramos, L., Torre, M., Laborda, F. and Marina, M.L.
 Determination of polychlorinated biphenyls in soybean infant formulas by gas chromatography 823(1998)365
 Ramos, L., Torre, M. and Marina, M.L.
 Gas chromatography determination of polychlorinated biphenyls in powdered and liquid soybean milks 815(1998)272
 Rantakokko, P., Nissinen, T. and Vartiainen, T.
 Determination of bromide ion in raw and drinking waters by capillary zone electrophoresis 839(1999)217
 Rao, L., see Wentworth, W.E. 842(1999)229

- Rasmussen, B.W. and Bjerrum, M.J.
Association between cobalt(III) coordination compounds and anions measured by capillary electrophoresis 836(1999)93
- Rasmussen, K.E., see Pedersen-Bjergaard, S. 807(1998)285
- Rasool, S.N., see Sarin, R.K. 822(1998)332
- Rastogi, S.C. and Jensen, G.H.
Identification of UV filters in sunscreen products by high-performance liquid chromatography-diode-array detection 828(1998)311
- Ratsimba, V., Fernández, J.M.G., Defaye, J., Nigay, H. and Voilley, A.
Qualitative and quantitative evaluation of mono- and disaccharides in D-fructose, D-glucose and sucrose caramels by gas-liquid chromatography-mass spectrometry. Di-D-fructose dianhydrides as tracers of caramel authenticity 844(1999)283
- Raulin, F., see Sternberg, R. 846(1999)307
- Rauret, G., see Rigol, A. 807(1998)275
- Rauret, G., see Vilanó, M. 819(1998)211
- Razzazi, E., see Rosenberg, E. 819(1998)277
- Read, D., see Osborn, H.M.I. 831(1999)267
- Read, H., see Deelchand, J.-P. 830(1999)397
- Reamer, R., see Antonucci, V. 840(1999)215
- Reaney, M.J., see Muir, A.D. 810(1998)241
- Rearden, P., Sajonz, P. and Guiochon, G.
Detailed study of the mass transfer kinetics of Tröger's base on cellulose triacetate 813(1998)1
- Reay, R.J., see Zhao, H. 813(1998)205
- Rebscher, H., see Bottani, S. 844(1999)433
- Reche, F., see Garrigós, M.C. 819(1998)259
- Recio, I. and Visser, S.
Two ion-exchange chromatographic methods for the isolation of antibacterial peptides from lactoferrin. In situ enzymatic hydrolysis on an ion-exchange membrane 831(1999)197
- Rédey, Á., see Kocsis, L. 845(1999)197
- Redondo, M.J., see Soriano, J.M. 822(1998)67
- Redondo, M.J., see Valenzuela, A.I. 839(1999)101
- Reepmeyer, J.C., Revelle, L.K. and Vidavsky, I.
Detection of clobetasol propionate as an undeclared steroid in zinc pyrithione formulations by high-performance liquid chromatography with rapid-scanning ultraviolet spectroscopy and mass spectrometry 828(1998)239
- Reglero, G., see Ibáñez, E. 823(1998)313
- Regnier, F.E., see Lei, J. 808(1998)121
- Regnier, F.E., see Xu, W. 828(1998)357
- Reifsnyder, D.H., see Fahrner, R.L. 827(1998)37
- Reifsnyder, D.H., see Fahrner, R.L. 830(1999)127
- Reijenga, J.C., see Chiari, M. 817(1998)15
- Reijenga, J.C. and Kašicka, V.
Dynamic computer simulations of the influence of injection conditions on capillary zone electrophoretic stacking of preparative free-flow zone electrophoresis fractions of peptides 836(1999)129
- Reijenga, J.C., Verheggen, Th.P.E.M. and Chiari, M.
Use of cyclofructan as a potential complexing agent in capillary electrophoresis 838(1999)111
- Reilly, J. and Saeed, M.
Capillary electrochromatography as an alternative separation technique to high-performance liquid chromatography and capillary zone electrophoresis for the determination of drug related impurities in Lilly compound LY300164 829(1998)175
- Reilly, J., see Saeed, M. 836(1999)15
- Rejtar, T. and Šlais, K.
Isotachophoretic focusing of strong and weak electrolytes in combined pH and conductivity gradients 838(1999)71
- Rekowski, P., see Mucha, P. 830(1999)183
- Remy, A., see Tisch, T.L. 816(1998)3
- Ren, H., Li, X., Qi, M., Stathakis, C. and Dovichi, N.J.
Capillary electrophoretic separation of polynuclear aromatic hydrocarbons using sodium cholate in mixed aqueous-organic buffers 817(1998)307
- Ren, L., see Zhang, L. 839(1999)49
- Renaud, B., see Robert, F. 817(1998)195
- Renault, J.-H., Nuzillard, J.-M., Le Crouérou, G., Thépenier, P., Zèches-Hanrot, M. and Le Men-Olivier, L.
Isolation of indole alkaloids from *Catharanthus roseus* by centrifugal partition chromatography in the pH-zone refining mode 849(1999)421
- Renda, E., see Alberghina, G. 840(1999)51
- Renedo, M.J., see Echevarría, I. 819(1998)171
- Rengakuji, S.-I., see Ono, S. 815(1998)197
- Renner, S., Klingebiel, T., Niethammer, D., Bruchelt, G., Meissner, T. and Eisenbeiss, F.
Isotachophoretic determination of phosphate splitting from Amifostine and p-nitrophenyl phosphate in serum and neuroblastoma cells 838(1999)251
- Renner, T., Baer-Koetzle, M. and Scherer, G.
Determination of sorbic acid in urine by gas chromatography-mass spectrometry 847(1999)127
- Renner, T., see Sellergren, B. 829(1998)143
- Renon, P., see Chiesa, L.M. 847(1999)47
- Renukappa, T., Roos, G., Klaiber, I., Vogler, B. and Kraus, W.
Application of high-performance liquid chromatography coupled to nuclear magnetic resonance spectrometry, mass spectrometry and bioassay for the determination of active saponins from *Bacopa monniera* Wettst 847(1999)109
- Restrepo, I.M., see Kassim, S.Y. 816(1998)11
- Reubaet, J.L.E. and Vieskar, R.
Characterisation of π-π interactions which determine retention of aromatic compounds in reversed-phase liquid chromatography 841(1999)147
- Revelle, L.K., see Reepmeyer, J.C. 828(1998)239
- Revilla, A.L., Vrchlinský, M., Humpa, O. and Havel, J.
β-Hydroxynaphthoic acid synthesis monitoring by capillary zone electrophoresis and high-performance liquid chromatography. Determination of polynaphthyl derivatives 836(1999)67
- Revilla, I., see Pérez-Magariño, S. 847(1999)75
- Revilla, I., Pérez-Magariño, S., González-SanJosé, M.L. and Beltrán, S.
Identification of anthocyanin derivatives in grape skin extracts and red wines by liquid chromatography with diode array and mass spectrometric detection 847(1999)83
- Rey, M., see Pohl, C. 850(1999)239

- Rey, M.A., Pohl, C.A., Jagodzinski, J.J., Kaiser, E.Q. and Riviello, J.M.
A new approach to dealing with high-to-low concentration ratios of sodium and ammonium ions in ion chromatography 804(1998)201
- Ribeiro, M.L., see Nunes, G.S. 823(1998)109
- Ricardo-da-Silva, J.M., see Sun, B. 841(1999)115
- Richards, J.C., see Li, J. 817(1998)325
- Richardson, D.G., see Parcerisa, J. 805(1998)259
- Richardson, S., see Torto, N. 806(1998)265
- Richef, C., see Boulis, Y. 805(1998)285
- Richef, C., see Motellier, S. 804(1998)363
- Richmond, R., Görlich, E. and Seifert, J.-M.
High-throughput flow injection analysis-mass spectrometry with networked delivery of colour rendered results: the characterisation of liquid chromatography fractions 835(1999)29
- Richmond, R. and Pombo-Villar, E.
Use of persistent trace gas chromatography artifacts for the calculation of pseudo-Sadtler retention indices 811(1998)241
- Richter, K., see Oertel, R. 846(1999)217
- Ridge, S., see Hettiarachchi, K. 817(1998)153
- Ridge, S. and Hettiarachchi, K.
Peptide purity and counter ion determination of bradykinin by high-performance liquid chromatography and capillary electrophoresis 817(1998)215
- Riechel, P., Weiss, T., Weiss, M., Ulber, R., Buchholz, H. and Schepers, T.
Determination of the minor whey protein bovine lactoferrin in cheese whey concentrates with capillary electrophoresis 817(1998)187
- Riekkola, M.-L., see Hyötyläinen, T. 813(1998)113
- Riekkola, M.-L., see Hyötyläinen, T. 819(1998)13
- Riekkola, M.-L., see Sirén, H. 839(1999)203
- Riekkola, M.-L., see Valkó, I.E. 813(1998)179
- Riello, F., see Contaldo, C. 845(1999)303
- Riess, M. and van Eldik, R.
Identification of brominated flame retardants in polymeric materials by reversed-phase liquid chromatography with ultraviolet detection 827(1998)65
- Rigby, T., see Luong, J.H.T. 849(1999)255
- Righetti, P.G., see Bossi, A. 840(1999)117
- Righetti, P.G., see Fanali, S. 838(1999)223
- Righetti, P.G. and Gelfi, C.
Analysis of clinically relevant, diagnostic DNA by capillary zone and double-gradient gel slab electrophoresis 806(1998)97
- Righetti, P.G., see Saccomani, A. 832(1999)225
- Righetti, P.G., see Stellwagen, E. 838(1999)131
- Righetti, P.G., see Stellwagen, N.C. 838(1999)179
- Righetti, P.G., see Stoyanov, A.V. 838(1999)11
- Righi, L., see Peri, F. 802(1998)315
- Rigol, A., Vidal, M. and Rauret, G.
Ultrafiltration-capillary zone electrophoresis for the determination of humic acid fractions 807(1998)275
- Rill, R.L., see Liu, Y. 817(1998)367
- Rill, R.L., Liu, Y., Van Winkle, D.H. and Locke, B.R.
Pluronic copolymer liquid crystals: unique, replaceable media for capillary gel electrophoresis 817(1998)287
- Rimkus, G.G., see Kallenborn, R. 846(1999)295
- Rimmer, C.A., see Lister, A.S. 828(1998)105
- Rinaldi, R., see Schmid, M.G. 846(1999)157
- Rindone, B., see Belloli, R. 846(1999)277
- Rindone, B., see Bolzacchini, E. 813(1998)255
- Ringbom, C., see Thorsteinsdóttir, M. 831(1999)293
- Rinne, D., see Enoch, P. 822(1998)75
- Ríos, A., see Arce, L. 803(1998)249
- Ríos, A., see Arce, L. 816(1998)243
- Ríos, A., see Arce, L. 827(1998)113
- Ríos, A., see Mardones, C. 849(1999)609
- Rissler, K., Wyttenbach, N. and Börnsen, K.O.
High-performance liquid chromatography of polyethylene glycols as their α,ω -bis(1-naphthylurethane) derivatives and signal monitoring by fluorescence detection 822(1998)189
- Ristolainen, M.
Characterization of totally chlorine-free effluents from Kraft pulp bleaching. II. Analysis of carbohydrate-derived constituents after acid hydrolysis by capillary zone electrophoresis 832(1999)203
- Ritieni, A., see Sewram, V. 848(1999)185
- Rius, M.A., see Garcia Regueiro, J.A. 809(1998)246
- Riveron, A.M., see Lopez-Canovas, L. 806(1998)123
- Riveron, A.M., see Lopez-Canovas, L. 806(1998)187
- Riviello, J., see Laikhtman, M. 816(1998)282
- Riviello, J.M., see Cardelluccio, N. 847(1999)251
- Riviello, J.M., see Chen, Q.-c. 827(1998)73
- Riviello, J.M., see Hardy, S. 834(1999)309
- Riviello, J.M., see Rey, M.A. 804(1998)201
- Rivière, M., see Ceugniet, C. 810(1998)237
- Rizzo, M., De Sarro, G., Gitto, R., Zappalà, M. and Chimirri, A.
Determination of 2,3-benzodiazepine derivatives in rat plasma by high-performance liquid chromatography 846(1999)165
- Robards, K. and Patsalides, E.
Comparison of the liquid and gas chromatography of five classes of metal complexes 844(1999)181
- Robards, K., see Ryan, D. 832(1999)87
- Robert, F., Bert, L., Parrot, S., Denoroy, L., Stoppini, L. and Renaud, B.
Coupling on-line brain microdialysis, precolumn derivatization and capillary electrophoresis for routine minute sampling of *O*-phosphoethanolamine and excitatory amino acids 817(1998)195
- Roberts, D.N., see Bauer-Arnaz, K. 803(1998)73
- Roberts, J.K. and Hughes, M.J.
The use of heptafluorobutyric acid as a volatile ion-pair reagent in the high-performance liquid chromatographic isolation of SB-223070 828(1998)297
- Roberts, M.A., Zhong, H.-J., Prodollet, J. and Goodall, D.M.
Separation of high-molecular-mass carrageenan polysaccharides by capillary electrophoresis with laser-induced fluorescence detection 817(1998)353
- Robinson, F.D., Gadgil, H. and Jarrett, H.W.
Comparative studies on chemically and enzymatically coupled DNA-Sepharose columns for purification of a lac repressor chimeric fusion protein 849(1999)403

- Rochu, D., Ducret, G. and Masson, P.
Measuring conformational stability of proteins using an optimized temperature-controlled capillary electrophoresis approach 838(1999)157
- Rockwood, A.L., see Lazar, I.M. 829(1998)279
- Rodés, L., see Armisen, P. 848(1999)61
- Rodrigues, A.E., see Pais, L.S. 827(1998)215
- Rodriguez, A., see Chiron, S. 823(1998)97
- Rodriguez, C., see Vanquerp, V. 832(1999)273
- Rodriguez, P.A., see Maeno, S. 849(1999)217
- Rodríguez Vázquez, J.A., see Piñeiro, N. 847(1999)223
- Rodríguez-Vázquez, J.A., see Quilliam, M.A. 807(1998)229
- Roeder, M., see Wistuba, D. 815(1998)183
- Roeraade, J., see Lindberg, P. 809(1998)181
- Roets, E., see Adams, E. 812(1998)151
- Roets, E., see Adams, E. 819(1998)93
- Roets, E., Lepoudre, X., Van Rompaey, V., Velghe, G., Liu, L. and Hoogmartens, J.
Liquid chromatography of josamycin propionate on poly(styrene-divinylbenzene) 812(1998)303
- Roets, E., see Li, Y.M. 812(1998)227
- Roets, E., see Orwa, J.A. 829(1998)161
- Roets, E., see Vander Heyden, Y. 830(1999)3
- Roger, P., see Suortti, T. 828(1998)515
- Rohr, G.E., Meier, B. and Sticher, O.
Quantitative reversed-phase high-performance liquid chromatography of procyanidins in *Crataegus* leaves and flowers 835(1999)59
- Rohrbaugh, D.K.
Characterization of equimolar VX-water reaction product by gas chromatography-mass spectrometry 809(1998)131
- Rohrbaugh, D.K. and Sarver, E.W.
Detection of alkyl methylphosphonic acids in complex matrices by gas chromatography-tandem mass spectrometry 809(1998)141
- Rohrer, J.S., see Jackson, P.E. 850(1999)131
- Rohrer, J.S., see Kaiser, E. 850(1999)167
- Rohrer, J.S., see Laikhtman, M. 816(1998)282
- Rohrer, J.S., see Laikhtman, M. 822(1998)321
- Rohrer, J.S., see Weitzhandler, M. 828(1998)365
- Rohwer, E.R., see Chen, G.-C. 845(1999)43
- Rohwer, E.R., see Hassett, A.J. 849(1999)521
- Rohwer, E.R., see Havenga, W.J. 848(1999)279
- Rohwer, E.R., see Venter, A. 847(1999)309
- Rolando, C., see Chanegriha, N. 819(1998)61
- Roman, A., see Lopez, R. 812(1998)135
- Romanowski, R.D., see Moats, W.A. 812(1998)237
- Romele, L., see Achilli, M. 847(1999)271
- Romeril, J., see Bogusz, M.J. 844(1999)409
- Romero, J., see del Río, J.C. 823(1998)457
- Romero, L.M., see Castells, R.C. 848(1999)203
- Roos, G., see Renukappa, T. 847(1999)109
- Root, T.W., see Yuan, Q.S. 831(1999)149
- Rosell, M.G., see Guardino, X. 823(1998)91
- Rosenberg, E., see Haberhauer-Troyer, C. 848(1999)305
- Rosenberg, E., see Hallama, R.A. 809(1998)47
- Rosenberg, E., Krksa, R., Wissiack, R., Kmetov, V., Josephs, R., Razzazi, E. and Grasserbauer, M.
High-performance liquid chromatography-atmospheric-pressure chemical ionization mass spectrometry as a new tool for the determination of the mycotoxin zearalenone in food and feed 819(1998)277
- Rosenberg, E., see Schubert, P. 810(1998)245
- Rosenfeld, A., see Yuan, Q.S. 831(1999)149
- Rosenfeld, J.M.
Solid-phase analytical derivatization: enhancement of sensitivity and selectivity of analysis (Review) 843(1999)19
- Rosés, M., Bolliet, D. and Poole, C.F.
Comparison of solute descriptors for predicting retention of ionic compounds (phenols) in reversed-phase liquid chromatography using the solvation parameter model 829(1998)29
- Rosés, M., see Bosch, E. 824(1998)137
- Rosés, M., Ràfols, C., Bosch, E., Martínez, A.M. and Abraham, M.H.
Solute-solvent interactions in micellar electrokinetic chromatography. Characterization of sodium dodecyl sulfate-Brij 35 micellar systems for quantitative structure-activity relationship modelling 845(1999)217
- Roshchina, T.M., Gurevich, K.B., Fadeev, A.Y., Astakhov, A.L. and Lisichkin, G.V.
Gas chromatography study of retention of organic compounds on silica with an attached layer of hydrophobic groups 844(1999)225
- Rosillo, L., Salinas, M.R., Garijo, J. and Alonso, G.L.
Study of volatiles in grapes by dynamic headspace analysis. Application to the differentiation of some *Vitis vinifera* varieties 847(1999)155
- Rosińska, A., see Sulkowski, W. 845(1999)349
- Ross, G., see Ehmann, T. 816(1998)261
- Ross, G.A., see Soga, T. 834(1999)65
- Ross, G.A., see Soga, T. 837(1999)231
- Ross, P., see Merly, C. 804(1998)187
- Rossell, J.B., see Woodbury, S.E. 805(1998)249
- Rossi, M., see Frassanito, R. 806(1998)366
- Rosso, A. and Zuccaro, S.
Determination of alkaloids from the colchicine family by reversed-phase high-performance liquid chromatography 825(1998)96
- Rosso, T.E. and Bossle, P.C.
Capillary ion electrophoresis screening of nerve agent degradation products in environmental samples using conductivity detection 824(1998)125
- Rotilio, D., see Frassanito, R. 806(1998)366
- Roubani-Kalantzopoulou, F.
Gas chromatographic determination of binary adsorption isotherms 806(1998)293
- Roubani-Kalantzopoulou, F., see Katsanos, N.A. 845(1999)103
- Roueche, A., see De Miguel, I. 840(1999)31
- Rouland, J.-C., see Morin, N. 808(1998)51
- Roush, D.J., Antia, F.D. and Göklen, K.E.
Preparative high-performance liquid chromatography of echinocandins 827(1998)373
- Rousset, S., see Auger, J. 819(1998)45

- Rovatti, L., Garzotti, M., Casazza, A. and Hamdan, M.
Investigation of potential degradation products of a newly synthesised β -lactam antibiotic by multi-stage liquid chromatography–electrospray mass spectrometry
819(1998)133
- Row, K.H., see Jung, Y.A. 828(1998)445
- Row, K.H., see Lee, C.H. 828(1998)337
- Rowe, R.C., see McKillop, A.G. 805(1998)327
- Różył, J.K., see Matysiak, J. 830(1999)491
- Różył, J.R., see Niewiadomy, A. 828(1998)431
- Ruaan, R.-C., Hsu, D., Chen, W.-Y., Chen, H. and Lin, M.-S.
Protein separation by hydrophobic interaction chromatography using methacrylic block copolymers as displacers 824(1998)35
- Ruana, J., see Martínez, D. 808(1998)229
- Rubbiani, M., see Dommarco, R. 825(1998)200
- Rubio, F., see Gutierrez, M.C. 845(1999)53
- Rubio, J., see Gutierrez, M.C. 845(1999)53
- Rubio, R., see Vilanó, M. 819(1998)211
- Rubiolo, P., see Bicchi, C. 843(1999)99
- Rückert, M., see Bringmann, G. 810(1998)231
- Rückert, M., see Bringmann, G. 837(1999)267
- Rückert, M., Wohlfarth, M. and Bringmann, G.
Characterization of protein mixtures by ion-exchange chromatography coupled on-line to nuclear magnetic resonance spectroscopy 840(1999)131
- Rudaz, S., Veuthey, J.L., Desiderio, C. and Fanali, S.
Simultaneous stereoselective analysis by capillary electrophoresis of tramadol enantiomers and their main phase I metabolites in urine 846(1999)227
- Rüfer, H., see Ehmann, T. 816(1998)261
- Rughani, J., see St. John, W.P. 807(1998)241
- Ruiz del Castillo, M.L., see Blanch, G.P. 818(1998)77
- Ruiz-Calero, V., Puignou, L. and Galceran, M.T.
Use of reversed polarity and a pressure gradient in the analysis of disaccharide composition of heparin by capillary electrophoresis 828(1998)497
- Ruiz-Palma, R., see Elizalde-González, M.P. 845(1999)373
- Rukhadze, M.D., Bezarashvili, G.S., Sebisveradze, M.V. and Meyer, V.R.
Separation of barbiturates with micellar liquid chromatography and optimization by a second order mathematical design 805(1998)45
- Rundberget, T., see Langseth, W. 815(1998)103
- Rupérez, F.J., Barbas, C., Castro, M., Martínez, S. and Herrera, E.
Simplified method for vitamin E determination in rat adipose tissue and mammary glands by high-performance liquid chromatography 823(1998)483
- Rupérez, F.J., Barbas, C., Castro, M. and Herrera, E.
Determination of α -tocopherol and α -tocopheryl acetate in diets of experimental animals. Study of stability in the diets 839(1999)93
- Russell, D.H., see Watkins, L.K. 840(1999)183
- Ruth, J.L., see Stoff, J.R. 849(1999)529
- Rüttinger, H.H., see Mrestani, Y. 802(1998)89
- Ruzza, P., Calderan, A., Biondi, B., Ancona, B. and Borin, G.
Separation of acidic protein tyrosine kinase substrates by strong anion-exchange chromatography 813(1998)277
- Ryan, D., Robards, K. and Lavee, S.
Determination of phenolic compounds in olives by reversed-phase chromatography and mass spectrometry 832(1999)87
- Rykowska, I., Smyka, S., Urbaniak, W. and Wasik, W.
Chemically bonded chelates as selective complexing sorbents for gas chromatography. VII. *N*-[3-(Trimethoxysilyl)propyl]diethylenetriamine complexes with CuCl₂ and CrCl₃ 844(1999)239
- Rylatt, D.B., see Lim, S. 827(1998)329
- Ryu, J.W., Kim, D.W., Lee, K.-P., Pyo, D. and Park, J.H.
Chiral separation of 2,4-dinitrophenyl amino acids using 3-O-methyl- β -cyclodextrin-bonded stationary phase in reversed-phase liquid chromatography 814(1998)247
- S**
- Saari-Nordhaus, R., see Montgomery, R.M. 804(1998)55
- Saari-Nordhaus, R., see Nair, L.M. 804(1998)233
- Sabah, S. and Scriba, G.K.E.
Electrophoretic stereoisomer separation of aspartyl dipeptides and tripeptides in untreated fused-silica and polyacrylamide-coated capillaries using charged cyclodextrins 822(1998)137
- Sabah, S. and Scriba, G.K.E.
pH-Dependent reversal of the chiral recognition of tripeptide enantiomers by carboxymethyl- β -cyclodextrin 833(1999)261
- Sabah, S., see Verleysen, K. 824(1998)91
- Sabik, H. and Jeannot, R.
Determination of organonitrogen pesticides in large volumes of surface water by liquid–liquid and solid-phase extraction using gas chromatography with nitrogen–phosphorus detection and liquid chromatography with atmospheric pressure chemical ionization mass spectrometry 818(1998)197
- Sabo, T.J., see Tešić, Ž.Lj. 847(1999)297
- Saccomani, A., Gelfi, C., Wajcman, H. and Righetti, P.G.
Detection of neutral and charged mutations in α - and β -human globin chains by capillary zone electrophoresis in isoelectric, acidic buffers 832(1999)225
- Sadain, S.K. and Koropchak, J.A.
Condensation nucleation light scattering detection for biogenic amines separated by ion-exchange chromatography 844(1999)111
- Sádecká, J. and Polonský, J.
Determination of inorganic ions in food and beverages by capillary electrophoresis 834(1999)401
- Sadikoglu, H., see Liapis, A.I. 828(1998)345
- Saeed, M., see Craston, D.H. 827(1998)1

- Saeed, M., Craston, D.H., Depala, M., Reilly, J., Jackson, D. and Walton, S.J.
Application of a digital signal enhancement processor to investigate improvements in sensitivity for capillary electrophoresis and capillary electrochromatography applications 836(1999)15
- Saeed, M., see Reilly, J. 829(1998)175
- Saevels, J., see Vander Heyden, Y. 830(1999)3
- Sáez, A., see Abad, A. 833(1999)3
- Safni, see Takeuchi, T. 804(1998)79
- Safni, Takeuchi, T., Miwa, T., Hashimoto, Y. and Moriyama, H.
Effect of eluent composition on retention behavior of anions in ion chromatography on anion-exchangers modified with heparin 850(1999)65
- Sagara, K., see Suto, K. 810(1998)252
- Sagrado, S., see Cuenca-Benito, M. 814(1998)121
- Sagrado, S., see Escuder-Gilabert, L. 823(1998)549
- Saito, K., see Horie, M. 812(1998)295
- Saito, K., see Nakamura, M. 822(1998)53
- Saito, K., see Sasagawa, N. 848(1999)161
- Saito, Y., see Kaneta, T. 831(1999)285
- Sajonz, P., Kele, M., Zhong, G., Sellergren, B. and Guiochon, G.
Study of the thermodynamics and mass transfer kinetics of two enantiomers on a polymeric imprinted stationary phase 810(1998)1
- Sajonz, P., see Rearden, P. 813(1998)1
- Sakamoto, H., see Ikuta, N. 838(1999)19
- Sakamoto, R., see Shibukawa, M. 832(1999)17
- Sakariah, K.K., see Jayaprakasha, G.K. 806(1998)337
- Sakata, A., see Sato, K. 811(1998)69
- Sakellarides, T.M., see Albanis, T.A. 823(1998)59
- Sakhi, A.K., Gundersen, T.E., Ulven, S.M., Blomhoff, R. and Lundanes, E.
Quantitative determination of endogenous retinoids in mouse embryos by high-performance liquid chromatography with on-line solid-phase extraction, column switching and electrochemical detection 828(1998)451
- Sakuragawa, A., Yoneno, T., Inoue, K. and Okutani, T.
Trace analysis of carbonyl compounds by liquid chromatography-mass spectrometry after collection as 2,4-dinitrophenylhydrazine derivatives 844(1999)403
- Sala, C., see Mestres, M. 835(1999)137
- Salani, G., see Mangano, M.F. 848(1999)435
- Salerno, A., see Tranfo, G. 847(1999)19
- Salinas, M.R., see Rosillo, L. 847(1999)155
- Salto, F., see Armisen, P. 848(1999)61
- Salvadó, V., see Sánchez, J.M. 834(1999)329
- Salvayre, R., see Caussé, E. 817(1998)181
- Salvini, R. and Caselli, R.
Gas chromatographic analysis of freons and chlorinated solvents in aviation breathing oxygen 846(1999)283
- Samain, J.F., see Marty, Y. 839(1999)119
- Sambandan, T.G., see Jacobson, P.G. 816(1998)59
- Samcová, E., Kvasnicová, V., Urban, J., Jelínek, I. and Coufal, P.
Determination of thioglycolic acid in urine by capillary electrophoresis 847(1999)135
- Sampaolo, L., see Mastrogiacomo, A.R. 810(1998)131
- Samuel, C. and Davis, J.M.
Application of statistical-overlap theory to gas chromatograms simulated on nonpolar stationary phases with commercial software 842(1999)65
- Sánchez, A., see Garrigós, M.C. 819(1998)259
- Sánchez-Brunete, C., Pérez, R.A., Miguel, E. and Tadeo, J.L.
Multiresidue herbicide analysis in soil samples by means of extraction in small columns and gas chromatography with nitrogen-phosphorus and mass spectrometric detection 823(1998)17
- Sánchez-Marín, J., see Torrens, F. 827(1998)345
- Sánchez, J.M., Salvadó, V. and Havel, J.
Speciation of iridium(IV) in hydrochloric acid medium by means of capillary zone electrophoresis and spectrophotometry 834(1999)329
- Sanchis-Mallols, J.M., see Escuder-Gilabert, L. 823(1998)549
- Sancho, J.V., see Hidalgo, C. 823(1998)121
- Sandberg, A., Markides, K.E. and Heldin, E.
Lasalocid adsorbed on porous graphitic carbon as a chiral selector, in capillary liquid chromatography 828(1998)149
- Sander, L.C., see Mössner, S.G. 841(1999)207
- Sanders, J.K.
Cation analysis in electronics-grade organic solvents by ion chromatography 804(1998)193
- Sándi, Á. and Szepesy, L.
Characterization of various reversed-phase columns using the linear free energy relationship. I. Evaluation based on retention factors 818(1998)1
- Sándi, Á. and Szepesy, L.
Characterization of various reversed-phase columns using the linear free energy relationship. II. Evaluation of selectivity 818(1998)19
- Sándi, Á. and Szepesy, L.
Evaluation and modulation of selectivity in reversed-phase high-performance liquid chromatography 845(1999)113
- Sandra, P., see Baltussen, E. 802(1998)285
- Sandra, P., see Baltussen, E. 805(1998)237
- Sandra, P., see Correa, R.A. 848(1999)83
- Sandra, P., see David, F. 842(1999)309
- Sandra, P., see Van der Eycken, E. 811(1998)261
- Sandra, P., see Verleysen, K. 824(1998)91
- Sane, S.U., Cramer, S.M. and Przybycien, T.M.
Protein structure perturbations on chromatographic surfaces 849(1999)149
- Santa, T., see Iida, T. 813(1998)267
- Santiago-Silva, M., see Chaler, R. 823(1998)73
- Santianni, D., see Bao, M.-I. 809(1998)75
- Santilio, A., see Dommarco, R. 825(1998)200
- Santos, F.J., Jáuregui, O., Pinto, F.J. and Galceran, M.T.
Experimental design approach for the optimization of supercritical fluid extraction of chlorophenols from polluted soils 823(1998)249
- Santos, F.J., see Sarrión, M.N. 819(1998)197
- Sañuda-Peña, M.C., see Liu, H. 828(1998)383
- Sanz-Asensio, J., Plaza-Medina, M., Martínez-Soria, M.T. and Pérez-Clavijo, M.
Study of photodegradation of the pesticide ethiofencarb in aqueous and non-aqueous media, by gas chromatography-mass spectrometry 840(1999)235
- Sanz-Medel, A., see Sutton, R.M.C. 816(1998)286

- Sanz-Nebot, V., see Barbosa, J. 823(1998)411
- Sanz-Nebot, V., see Barbosa, J. 823(1998)497
- Sanz-Nebot, V., Garcés, A. and Barbosa, J.
Investigation of crudes of synthesis of carbetocin by liquid chromatography coupled to electrospray ionization mass spectrometry 833(1999)267
- Sanz-Nebot, V., Toro, I. and Barbosa, J.
Fractionation and characterization of a crude peptide mixture from the synthesis of eleodoisin by liquid chromatography-electrospray ionization mass spectrometry 846(1999)25
- Sarafraz-Yazdi, A., see Khuhawar, M.Y. 824(1998)223
- Sárbo, C. and Todor, S.
Determination of lipophilicity of some non-steroidal anti-inflammatory agents and their relationships by using principal component analysis based on thin-layer chromatographic retention data 822(1998)263
- Sarin, R.K., Sharma, G.P., Varshney, K.M. and Rasool, S.N.
Determination of diazepam in cold drinks by high-performance thin-layer chromatography 822(1998)332
- Sarmini, K. and Kenndler, E.
Capillary zone electrophoresis in mixed aqueous-organic media: effect of organic solvents on actual ionic mobilities, acidity constants and separation selectivity of substituted aromatic acids. I. Methanol 806(1998)325
- Sarmini, K. and Kenndler, E.
Capillary zone electrophoresis in mixed aqueous-organic media: effect of organic solvents on actual ionic mobilities, acidity constants and separation selectivity of substituted aromatic acids. II. Ethanol 811(1998)201
- Sarmini, K. and Kenndler, E.
Capillary zone electrophoresis in mixed aqueous-organic media: effect of organic solvents on actual ionic mobilities and acidity constants of substituted aromatic acids. III. 1-Propanol 818(1998)209
- Sarmini, K. and Kenndler, E.
Capillary zone electrophoresis in mixed aqueous-organic media: effect of organic solvents on actual ionic mobilities and acidity constants of substituted aromatic acids. IV. Acetonitrile 833(1999)245
- Sarrión, M.N., Santos, F.J. and Galceran, M.T.
Strategies for the analysis of chlorobenzenes in soils using solid-phase microextraction coupled with gas chromatography-ion trap mass spectrometry 819(1998)197
- Sartori, G., see Peri, F. 802(1998)315
- Sárvári, Z., see Krivácsy, Z. 834(1999)21
- Sarver, E.W., see Rohrbaugh, D.K. 809(1998)141
- Sarzanini, C.
Liquid chromatography: a tool for the analysis of metal species 850(1999)213
- Sarzanini, C., Abollino, O., Bruzzoniti, M.C. and Mentasti, E.
Electrochemical detection of sulphonated azo dyes and their metal complexes in ion interaction chromatography 804(1998)241
- Sarzanini, C., Bruzzoniti, M.C., Abollino, O. and Mentasti, E.
Sulphonated azoligand for metal ion determination in ion interaction chromatography 847(1999)233
- Sarzanini, C., Bruzzoniti, M.C. and Mentasti, E.
Preconcentration and separation of haloacetic acids by ion chromatography 850(1999)197
- Sasagawa, N., Saito, K., Sugita, K., Kunori, S.-i. and Sugo, T.
Ionic crosslinking of SO₃H-group-containing graft chains helps to capture lysozyme in a permeation mode 848(1999)161
- Sasaki, H., see Hosoya, K. 828(1998)91
- Sasaki, T., see Elisabeth, P. 806(1998)199
- Sasaki, T.A. and Wilkins, C.L.
Gas chromatography with Fourier transform infrared and mass spectral detection (Review) 842(1999)341
- Sass, P., see Katona, Zs.F. 847(1999)91
- Sastray, M., see Gole, A.M. 848(1999)485
- Sasvári-Székely, M., see Barta, C. 817(1998)281
- Sasvári-Székely, M., see Guttman, A. 828(1998)481
- Sasvári-Székely, M., see Szoke, M. 830(1999)465
- Satake, M., see Draisci, R. 847(1999)213
- Satake, M., see James, K.J. 844(1999)53
- Sathivel, C., see Gole, A.M. 848(1999)485
- Sato, K., Guo, Y.-H., Feng, J., Sugiyama, S., Ichinomiya, M., Tsukamasa, Y., Minegishi, Y., Sakata, A., Komiya, K., Yamasaki, Y., Nakamura, Y., Ohtsuki, K. and Kawabata, M.
Direct fractionation of proteins in particle-containing feedstocks by a filter paper pieces-based DEAE-cellulose column chromatography. Rapid, robust and low-cost capturing procedure for protein 811(1998)69
- Sato, K., see Kubota, H. 803(1998)315
- Sato, T., see Machida, Y. 805(1998)85
- Satoh, K., see Okamoto, M. 845(1999)409
- Satou, Y., see Kurosu, Y. 802(1998)129
- Satou, Y., see Kurosu, Y. 802(1998)391
- Sauer, R.L., see Orta, D. 804(1998)295
- Saunders, D.L., see Dolan, J.W. 803(1998)1
- Saunders, D.L., see Dolan, J.W. 803(1998)33
- Savka, M.A., see Zhang, D. 813(1998)247
- Saz, J.M., see Benito, I. 841(1999)105
- Scanlan, F., see David, F. 842(1999)309
- Schantz, M.M., Bówadt, S., Benner, Jr., B.A., Wise, S.A. and Hawthorne, S.B.
Comparison of supercritical fluid extraction and Soxhlet extraction for the determination of polychlorinated biphenyls in environmental matrix standard reference materials 816(1998)213
- Schatz, V., see Bauer, K.-H. 837(1999)117
- Scheinplug, E., see Tisch, T.L. 816(1998)3
- Schenck, F.J. and Callery, P.S.
Chromatographic methods of analysis of antibiotics in milk 812(1998)99
- Scheper, T., see Riechel, P. 817(1998)187
- Scherer, G., see Renner, T. 847(1999)127
- Schimkat, D., see Levison, P.R. 816(1998)107
- Schimpf, M.E., see Petteys, M.P. 816(1998)145
- Schlabach, M., see Kallenborn, R. 846(1999)295
- Schlauer, J., see Bringmann, G. 810(1998)231
- Schlecker, H., see Stadler, M. 818(1998)187
- Schluep, T., see Prazeres, D.M.F. 806(1998)31
- Schlüter, J., see Enoch, P. 822(1998)75
- Schmerr, M.J., Cutlip, R.C. and Jenny, A.
Capillary isoelectric focusing of the scrapie prion protein 802(1998)135

- Schmid, M.G., Rinaldi, R., Dreveny, D. and Gübitz, G.
Enantioseparation of α -amino acids and dipeptides by ligand-exchange capillary electrophoresis of various L-4-hydroxyproline derivatives 846(1999)157
- Schmid, R.D., see Schwaneberg, U. 848(1999)149
- Schmidt, Jr., D.E., see Bauer-Arnaz, K. 803(1998)73
- Schmidt Jr, D.E., see Wheatley, J.B. 849(1999)1
- Schmidt, T.C., see Less, M. 810(1998)173
- Schmidt, T.C., Less, M., Haas, R., von Löw, E., Steinbach, K. and Stork, G.
Gas chromatographic determination of aromatic amines in water samples after solid-phase extraction and derivatization with iodine. I. Derivatization 810(1998)161
- Schmidt, U., see Fischer, C. 845(1999)273
- Schmidt-Dannert, C., see Schwaneberg, U. 848(1999)149
- Schmitt, B., see Zhao, Y. 837(1999)83
- Schmitt-Kopplin, P., Burhenne, J., Freitag, D., Spiteller, M. and Kettrup, A.
Development of capillary electrophoresis methods for the analysis of fluoroquinolones and application to the study of the influence of humic substances on their photodegradation in aqueous phase 837(1999)253
- Schmitt-Kopplin, Ph., Fischer, K., Freitag, D. and Kettrup, A.
Capillary electrophoresis for the simultaneous separation of selected carboxylated carbohydrates and their related 1,4-lactones 807(1998)389
- Schmitt-Kopplin, Ph., Garrison, A.W., Perdue, E.M., Freitag, D. and Kettrup, A.
Capillary electrophoresis in the analysis of humic substances. Facts and artifacts 807(1998)101
- Schmitz, O., Melchior, D., Schuhmann, W. and Gäb, S.
Postcolumn derivatisation for selective laser-induced fluorescence detection in micellar electrokinetic chromatography of fatty acid hydroperoxides 814(1998)261
- Schneider, B., see Zhao, Y. 837(1999)83
- Schneider, G., see Kramell, R. 847(1999)103
- Schneider, P.J. and Engelhardt, H.
Novel applications for organic polymer capillaries 802(1998)17
- Schoenmakers, P.J., see Blomberg, J. 849(1999)483
- Schöler, H.F., see Eiden, R. 809(1998)151
- Schollenberger, M., Lauber, U., Jara, H.T., Suchy, S., Drochner, W. and Müller, H.-M.
Determination of eight trichothecenes by gas chromatography-mass spectrometry after sample clean-up by a two-stage solid-phase extraction 815(1998)123
- Schramel, O., Michalke, B. and Kettrup, A.
Analysis of metal species by using electrospray ionization mass spectrometry and capillary electrophoresis-electrospray ionization mass spectrometry 819(1998)231
- Schramel, P., see Michalke, B. 807(1998)71
- Schramel, P., see Michalke, B. 834(1999)341
- Schreier, P., see Becker, M. 818(1998)260
- Schreiner, M., see Hagmann, M.-L. 816(1998)49
- Schubert, P., Fernández-Escobar, I., Rosenberg, E. and Bayona, J.-M.
Evaluation of desulfurization procedures for the elimination of sulfur interferences in the organotin analysis of sediments 810(1998)245
- Schügerl, K. and Seidel, G.
Monitoring of the concentration of β -lactam antibiotics and their precursors in complex cultivation media by high-performance liquid chromatography 812(1998)179
- Schuhmann, W., see Schmitz, O. 814(1998)261
- Schultz, J.R., see Orta, D. 804(1998)295
- Schulz, P., see Buchacher, A. 802(1998)355
- Schunack, W., see Gysler, J. 841(1999)63
- Schupp, O., see Bringmann, G. 837(1999)267
- Schure, M.R.
Advances in the theory of particle size distributions by field-flow fractionation. Outlet and apparent polydispersity at constant field 831(1999)89
- Schure, M.R., see Murphy, R.E. 824(1998)181
- Schurig, V., see Glausch, A. 809(1998)252
- Schurig, V., see Juza, M. 813(1998)333
- Schurig, V., see Pfeiffer, J. 840(1999)145
- Schurig, V., see Španík, I. 843(1999)123
- Schurig, V., see Wistuba, D. 815(1998)183
- Schurrath, U., see Chen, K. 822(1998)281
- Schütz, J., see Voelter, W. 807(1998)135
- Schuyl, P.J.W., de Joode, T., Vasconcellos, M.A. and Duchateau, G.S.M.J.E.
Silver-phase high-performance liquid chromatography-electrospray mass spectrometry of triacylglycerols 810(1998)53
- Schwack, W., see Anastassiades, M. 825(1998)45
- Schwaneberg, U., Sprauer, A., Schmidt-Dannert, C. and Schmid, R.D.
P450 monooxygenase in biotechnology. I. Single-step, large-scale purification method for cytochrome P450 BM-3 by anion-exchange chromatography 848(1999)149
- Schwartz, T.R., see Echols, K.R. 811(1998)135
- Schwarz, M.A., Raith, K., Dongowski, G. and Neubert, R.H.H.
Effect on the partition equilibrium of various drugs by the formation of mixed bile salt/phosphatidylcholine/fatty acid micelles. A characterization by micellar affinity capillary electrophoresis. Part IV 809(1998)219
- Schwarzer, F., see Stan, H.-J. 819(1998)35
- Schweitz, L., Andersson, L.I. and Nilsson, S.
Molecular imprint-based stationary phases for capillary electrochromatography 817(1998)5
- Schwer, C., see Hagmann, M.-L. 816(1998)49
- Schwinifus, J.J., see de Carmejane, O. 849(1999)267
- Schwinn, H., see Buchacher, A. 802(1998)355
- Schwinn, H., see Hoffer, L. 844(1999)119
- Schwinn, H., see Josić, D. 803(1998)61
- Scianò, T., see Perrino, C. 846(1999)269
- Scoullos, M., see Vassilakis, I. 823(1998)49
- Scovaventi, M., see Brancaleoni, E. 845(1999)317
- Scriba, G., see Verleysen, K. 824(1998)91
- Scriba, G.K.E., see Sabah, S. 822(1998)137
- Scriba, G.K.E., see Sabah, S. 833(1999)261
- Scruel, O., Sener, A. and Malaisse, W.J.
Double purification of radiolabelled D-fructose by high-performance liquid chromatography for tracing its metabolism 847(1999)53
- Sebisikveradze, M.V., see Rukhadze, M.D. 805(1998)45

- Šebor, G., Blažek, J. and Nemer, M.F.
Optimization of the preparative separation of petroleum maltenes by liquid adsorption chromatography
847(1999)323
- Sechi, G., see Spila, E. 847(1999)331
- Sedláček, J., see Klimeš, J. 846(1999)181
- Seeber, G., Brunner, P., Buchmeiser, M.R. and Bonn, G.K.
Poly(7-oxanorborn-2-ene-5,6-dicarboxylate)-coated silica prepared by ring-opening metathesis polymerization for the selective enrichment of radioactive lanthanides
848(1999)193
- Seeber, G., Buchmeiser, M.R., Bonn, G.K. and Bertsch, T.
Determination of airborne, volatile amines from polyurethane foams by sorption onto a high-capacity cation-exchange resin based on poly(succinic acid)
809(1998)121
- Seeley, J.A., see Khuhawar, M.Y. 824(1998)223
- Segura Carretero, A., see Arce, L. 816(1998)243
- Seib, P.A., see Kim, H.R. 803(1998)141
- Seidel, A., see Landsiedel, R. 822(1998)29
- Seidel, B.S. and Faubel, W.
Fiber optic modified thermal lens detector system for the determination of amino acids 817(1998)223
- Seidel, G., see Schügerl, K. 812(1998)179
- Seidel-Morgenstern, A., see Mihlbachler, K. 818(1998)155
- Seidel-Morgenstern, A., see Heuer, C. 827(1998)175
- Seifar, R.M., Kraak, J.C., Kok, W.Th. and Poppe, H.
Capillary electrochromatography with 1.8- μ m ODS-modified porous silica particles 808(1998)71
- Seifar, R.M., Kraak, J.C., Poppe, H. and Kok, W.Th.
Application of capillary electrochromatography to the separation of phenylthiohydantoin-amino acids
832(1999)133
- Seifert, J.-M., see Richmond, R. 835(1999)29
- Selditz, U., Liao, Y., Franke, J.P., de Zeeuw, R.A. and Wikström, H.
Direct enantiomeric separation of mianserin and 6-azamianserin derivatives using chiral stationary phases
803(1998)169
- Selleck, P.W., see Ayers, G.P. 824(1998)241
- Sellergren, B., see Sajonz, P. 810(1998)1
- Sellergren, B., Zander, Å., Renner, T. and Swietlow, A.
Rapid method for analysis of nicotine and nicotine-related substances in chewing gum formulations 829(1998)143
- Sellström, U., see Sjödin, A. 822(1998)83
- Semenova, O.P., see Timerbaev, A.R. 811(1998)233
- Semple, K., see Wang, Z. 809(1998)89
- Senczyna, B., see Niewiadomy, A. 828(1998)431
- Senda, M., see Elisabeth, P. 806(1998)199
- Senda, M., see Kurosu, Y. 802(1998)129
- Sener, A., see Scruel, O. 847(1999)53
- Senseman, S.A., see Howe, J.A. 841(1999)155
- Senso, A., Oliveros, L. and Minguijón, C.
Chitosan derivatives as chiral selectors bonded on allyl silica gel: preparation, characterisation and study of the resulting high-performance liquid chromatography chiral stationary phases 839(1999)15
- Sepaniak, M.J., see Farran, A. 835(1999)209
- Sergeev, G.M. and Blinova, M.S.
Ion chromatography of impurities in organic solvents
847(1999)345
- Sergy, G., see Wang, Z. 809(1998)89
- Serna, M.L., see Toribio, L. 823(1998)163
- Serowik, E., see Neue, U.D. 849(1999)87
- Serra, C., see Farran, A. 835(1999)209
- Serra, C., see Guardino, X. 823(1998)91
- Serwe, M., see Ehmann, T. 816(1998)261
- Seto, Y., see Kataoka, M. 824(1998)211
- Setti, L., see Morselli, L. 845(1999)357
- Seubert, A., see Klingenberg, A. 804(1998)63
- Ševčík, J., see Barták, P. 818(1998)231
- Ševčík, J., see Bednář, P. 831(1999)277
- Sewram, V., Nieuwoudt, T.W., Marasas, W.F.O., Shephard, G.S. and Ritieni, A.
Determination of the mycotoxin moniliformin in cultures of *Fusarium subglutinans* and in naturally contaminated maize by high-performance liquid chromatography-atmospheric pressure chemical ionization mass spectrometry
848(1999)185
- Shafik, T., see Howard, A.G. 844(1999)333
- Shafik, T., Howard, A.G., Moffatt, F. and Wilson, I.D.
Evaporation-induced solvent migration in electrically-driven thin layer chromatography 841(1999)127
- Shah, N., see Patel, Y.P. 828(1998)287
- Shalliker, R.A., see Broyles, B.S. 822(1998)173
- Shalliker, R.A., Broyles, B.S. and Guiochon, G.
Visualization of solute migration in liquid chromatography columns 826(1998)1
- Shamsi, S.A., Danielson, N.D. and Warner, I.M.
Flavin mononucleotide for indirect laser-induced fluorescence detection of anions separated by capillary electrophoresis 835(1999)159
- Shamsi, S.A., see Haynes, III, J.L. 803(1998)261
- Shand, P.J., see Fedeniuk, R.W. 812(1998)3
- Shane, E., see Yuan, Y. 816(1998)21
- Shang, D.Y., Ikonomou, M.G. and Macdonald, R.W.
Quantitative determination of nonylphenol polyethoxylate surfactants in marine sediment using normal-phase liquid chromatography-electrospray mass spectrometry
849(1999)467
- Shao, X., Shen, Y., Lee, M.L. and O'Neill, K.
Electrochromatographic contributions in capillary electrophoresis of biomolecules 809(1998)171
- Shao, X., Shen, Y., O'Neill, K. and Lee, M.L.
Capillary electrophoresis using diol-bonded fused-silica capillaries 830(1999)415
- Shao, X.-X., see Che, F.-Y. 849(1999)599
- Shao, Yu., He, K., Zheng, B. and Zheng, Q.
Reversed-phase high-performance liquid chromatographic method for quantitative analysis of the six major kavalactones in *Piper methysticum* 825(1998)1
- Sharma, A.K., Clauss, S.A., Mong, G.M., Wahl, K.L. and Campbell, J.A.
Analysis and quantification of organic acids in simulated Hanford tank waste and Hanford tank waste 805(1998)101
- Sharma, G.P., see Sarin, R.K. 822(1998)332

- Sharma, O.P., Bhat, T.K. and Singh, B.
Thin-layer chromatography of gallic acid, methyl gallate, pyrogallol, phloroglucinol, catechol, resorcinol, hydroquinone, catechin, epicatechin, cinnamic acid, *p*-coumaric acid, ferulic acid and tannic acid 822(1998)167
- Sharma, S.C., see Sharma, S.D. 841(1999)263
- Sharma, S.D. and Sharma, S.C.
Retention behaviour of metal ions on tri-*n*-butyl phosphate- and tri-*n*-butyl amine-impregnated silica gel-G layers in oxalic acid-oxalate mobile phases 841(1999)263
- Shearer, G., see Cooper, A.D. 812(1998)321
- Shearman, J., see Deelchand, J.-P. 830(1999)397
- Shelby, R., see Zhang, D. 813(1998)247
- Shen, X. and Perreault, H.
Characterization of carbohydrates using a combination of derivatization, high-performance liquid chromatography and mass spectrometry 811(1998)47
- Shen, Y., see Bowerbank, C.R. 818(1998)265
- Shen, Y. and Lee, M.L.
Solvating gas chromatography using ammonia as mobile phase 806(1998)345
- Shen, Y., see Shao, X. 809(1998)171
- Shen, Y., see Shao, X. 830(1999)415
- Sheng, M., see Qian, H. 825(1998)127
- Shephard, G.S.
Chromatographic determination of the fumonisin mycotoxins 815(1998)31
- Shephard, G.S., see Sewram, V. 848(1999)185
- Sheu, S.-J., see Wu, H.-K. 803(1998)179
- Shi, W., see Zhang, Y. 802(1998)59
- Shiba, H., see Kaneta, T. 805(1998)295
- Shibayama, M., see Tanaka, N. 836(1999)295
- Shibayama, N., see van der Doelen, G.A. 809(1998)21
- Shibukawa, M., Aoyagi, K., Sakamoto, R. and Oguma, K.
Liquid chromatography and differential scanning calorimetry studies on the states of water in hydrophilic polymer gel packings in relation to retention selectivity 832(1999)17
- Shibukawa, M., Eto, R., Kira, A., Miura, F., Oguma, K., Tatsumoto, H., Ogura, H. and Uchiumi, A.
Separation and determination of quaternary ammonium compounds by high-performance liquid chromatography with a hydrophilic polymer column and conductometric detection 830(1999)321
- Shiea, J., see Chen, Y.-C. 826(1998)77
- Shihab, A.-K.I., see Conder, J.R. 829(1998)201
- Shihabi, Z.K.
Therapeutic drug monitoring by capillary electrophoresis (Review) 807(1998)27
- Shihabi, Z.K.
Stacking of weakly cationic compounds by acetonitrile for capillary electrophoresis 817(1998)25
- Shihabi, Z.K. and Friedberg, M.
Insulin stacking for capillary electrophoresis 807(1998)129
- Shimabukuro, Y., see Shinbo, T. 803(1998)95
- Shimada, K., Mitamura, K., Shiroyama, M. and Yago, K.
Studies on neurosteroids. IX. Characterization of estrogens in rat brains using gas chromatography-tandem mass spectrometry 847(1999)171
- Shimasaki, C., see Ono, S. 815(1998)197
- Shimizu, H., see Kinuta, M. 802(1998)73
- Shinbo, T., see Sudo, Y. 813(1998)35
- Shinbo, T., Sudo, Y., Shimabukuro, Y., Kanamori, T., Masuoka, T., Iwatsubo, T., Yamasaki, A., Ogasawara, K. and Mizoguchi, K.
Preparation of a cyclophane-bonded stationary phase and its application to separation of naphthalene derivatives 803(1998)95
- Shindo, N., see Kurosu, Y. 802(1998)129
- Shioi, Y., see Suzuki, Y. 839(1999)85
- Shirota, O., see Kobayashi, S. 828(1998)75
- Shiroyama, M., see Shimada, K. 847(1999)171
- Shisa, Y., see Kurosu, Y. 802(1998)129
- Shisa, Y., see Kurosu, Y. 802(1998)391
- Shoji, T., see Nishizawa, H. 849(1999)61
- Shipigun, O.A., see Krokhin, O.V. 850(1999)269
- Shipigun, O.A., see Nesterenko, P.N. 813(1998)47
- Shipigun, O.A., see Pirogov, A.V. 850(1999)53
- Shukla, A.A., Bae, S.S., Moore, J.A. and Cramer, S.M.
Structural characteristics of low-molecular-mass displacers for cation-exchange chromatography. II. Role of the stationary phase 827(1998)295
- Shukla, A.A., Barnthouse, K.A., Bae, S.S., Moore, J.A. and Cramer, S.M.
Structural characteristics of low-molecular-mass displacers for cation-exchange chromatography 814(1998)83
- Sibenaler, R., see Strel, B. 819(1998)113
- Siebert, C., see Tisch, T.L. 816(1998)3
- Siebert, R., see Bottani, S. 844(1999)433
- Siegmund, B., Leitner, E. and Pfannhauser, W.
Development of a simple sample preparation technique for gas chromatographic-mass spectrometric determination of nicotine in edible nightshades (Solanaceae) 840(1999)249
- Siems, W.F., see Wu, C. 811(1998)157
- Sigouin, L., see Wang, Z. 809(1998)89
- Sijm, D.T.H.M., see Toll, J. 839(1999)109
- Silgoner, I., see Alonso, M.C. 823(1998)231
- Silva, M., see Cobo, M. 848(1999)105
- Silva, R.B. and Collins, C.H.
Chromatographic evaluation of radiation-immobilized poly(methyloctylsiloxane) on titanium-grafted silica 845(1999)417
- Silva, S., see Diogo, M.M. 849(1999)413
- Silva-Vargas, M.E., see Fernández-Salinero, G. 839(1999)227
- Silverman, C.E., see Tang, L. 829(1998)301
- Simancas, M.J., see Lozano, P. 830(1999)477
- Simmonds, P., see O'Doherty, S.J. 832(1999)253
- Simmonds, P.G., see Greally, B.R. 810(1998)119
- Simó, R.
Trace chromatographic analysis of dimethyl sulfoxide and related methylated sulfur compounds in natural waters (Review) 807(1998)151
- Simon-Sarkadi, L., see Kovács, Á. 836(1999)305
- Simonsick Jr., W.J., see Prokai, L. 835(1999)121
- Simplício, A.L. and Vilas Boas, L.
Validation of a solid-phase microextraction method for the determination of organophosphorus pesticides in fruits and fruit juice 833(1999)35

- Simpson, G.I.C. and Jackson, Y.A.
Reply to "Comments on predictive strategies for determining retention indices" 808(1998)279
- Singh, B., see Sharma, O.P. 822(1998)167
- Singh, N. and Willson, R.C.
Boronate affinity adsorption of RNA: possible role of conformational changes 840(1999)205
- Singleton, J.A., see Lin, J.-T. 824(1998)169
- Sinkule, J., see Janda, V. 823(1998)523
- Siouffi, A.M., see Tomao, V. 829(1998)367
- Sirén, H., Jussila, M., Liu, H., Peltoniemi, S., Sivonen, K. and Riekkola, M.-L.
Separation, purity testing and identification of cyanobacterial hepatotoxins with capillary electrophoresis and electrospray mass spectrometry 839(1999)203
- Siroma, Z., see Takeda, S. 817(1998)59
- Sisenwine, S., see Lim, H.K. 831(1999)227
- Siskos, P.A., see Spyridaki, M.-H.E. 831(1999)179
- Sitrin, R., see Osawa, A.E. 831(1999)217
- Siu, D.C. and Henshall, A.
Ion chromatographic determination of nitrate and nitrite in meat products 804(1998)157
- Sivonen, K., see Sirén, H. 839(1999)203
- Sjödin, A., Jakobsson, E., Kierkegaard, A., Marsh, G. and Sellström, U.
Gas chromatographic identification and quantification of polybrominated diphenyl ethers in a commercial product, Bromkal 70-5DE 822(1998)83
- Sjögren, A., see Boring, C.B. 804(1998)45
- Skellern, G.G., see Hamdan, I.I. 806(1998)165
- Skinner, L.R., see Waterworth, J.P. 804(1998)211
- Skinner, M.F., see Kanfer, I. 812(1998)255
- Skog, K., Solyakov, A., Arvidsson, P. and Jägerstad, M.
Analysis of nonpolar heterocyclic amines in cooked foods and meat extracts using gas chromatography-mass spectrometry 803(1998)227
- Skogerboe, K.J., see Olson, N.A. 806(1998)239
- Skogsberg, U., McEwen, I. and Stenhammar, G.
Liquid chromatography-electrospray mass spectrometry method to separate and detect N-*tert*-butoxycarbonyl peptides 808(1998)253
- Skouroumounis, G.K., see Kotseridis, Y. 824(1998)71
- Skouroumounis, G.K., see Kotseridis, Y. 841(1999)229
- Skouroumounis, G.K., see Kotseridis, Y. 848(1999)317
- Skouroumounis, G.K., see Kotseridis, Y. 849(1999)245
- Slack, G.C., see Eckard, P.R. 826(1998)241
- Šlais, K., see Rejtar, T. 838(1999)71
- Šlais, K., see Šťastná, M. 832(1999)265
- Slater, G.W., see Heller, C. 806(1998)113
- Ślebioda, M., see Śliwka, M. 824(1998)7
- Slimestad, R., see Frøytløg, C. 825(1998)89
- Slingsby, R.W., see Vanatta, L.E. 850(1999)107
- Slingsby, R.W., see Weitzhandler, M. 828(1998)365
- Śliwka, M., Ślebioda, M. and Kotodziejczyk, A.M.
Dynamic ligand-exchange chiral stationary phases derived from N-substituted (S)-phenylglycinol selectors 824(1998)7
- Slowikowski, A., see Isidorov, V.A. 814(1998)253
- Smeds, A.-L., see Pålsson, E. 840(1999)39
- Smedsgaard, J., see Nielsen, N.-P.V. 805(1998)17
- Smeets, O., see Vander Heyden, Y. 830(1999)3
- Smeyers-Verbeke, J., see Vander Heyden, Y. 845(1999)145
- Smith, C.J., Grainger, J. and Patterson, Jr., D.G.
Separation of polycyclic aromatic hydrocarbon metabolites by γ -cyclodextrin-modified micellar electrokinetic chromatography with laser-induced fluorescence detection 803(1998)241
- Smith, C.J., see Otsuka, K. 817(1998)75
- Smith, M.P., see Willoughby, N.A. 840(1999)195
- Smith, M.S. and Guiochon, G.
Theoretical analysis of the behavior of an heterogeneously packed chromatographic column 827(1998)241
- Smith, M.S., see Yun, T. 828(1998)19
- Smith, N. and Evans, M.B.
Comparison of the electroosmotic flow profiles and selectivity of stationary phases used in capillary electrochromatography 832(1999)41
- Smith, N.W., see Carter-Finch, A.S. 848(1999)375
- Smith, P.A., see Bowerbank, C.R. 818(1998)265
- Smith, R.M., see McKillop, A.G. 805(1998)327
- Smyka, S., see Rykowska, I. 844(1999)239
- Smyth, M.R., see Meriliuoto, J. 810(1998)226
- Smyth, W.F., see McClean, S. 838(1999)273
- Sng, M.T. and Ng, W.F.
In-situ derivatisation of degradation products of chemical warfare agents in water by solid-phase microextraction and gas chromatographic-mass spectrometric analysis 832(1999)173
- Snijders, H., see Baltussen, E. 802(1998)285
- Snow, D.D., see Cassada, D.A. 844(1999)87
- Snyder, L.R., see Dolan, J.W. 803(1998)1
- Snyder, L.R., see Dolan, J.W. 803(1998)33
- Snyder, L.R., see Lin, J.-T. 808(1998)43
- Soares, M.F., see Heinzen, V.E.F. 849(1999)495
- Sobera, M., see Hetper, J. 833(1999)277
- Soga, N., see Minakuchi, H. 828(1998)83
- Soga, T. and Ross, G.A.
Simultaneous determination of inorganic anions, organic acids and metal cations by capillary electrophoresis 834(1999)65
- Soga, T. and Ross, G.A.
Simultaneous determination of inorganic anions, organic acids, amino acids and carbohydrates by capillary electrophoresis 837(1999)231
- Sjo, L.E. and Djauhari, J.
Determination of chlorophenolics in waters by membrane solid-phase extraction: comparison between C₁₈ and activated carbon membranes and between modes of extraction and elution 840(1999)21
- Solfrizzo, M., Avantaggiato, G. and Visconti, A.
Use of various clean-up procedures for the analysis of ochratoxin A in cereals 815(1998)67
- Solís, J., see Camafeita, E. 823(1998)299
- Solomon, T., see Megersa, N. 830(1999)203
- Solyakov, A., see Skog, K. 803(1998)227
- Somsen, G.W., Gooijer, C., Velthorst, N.H. and Brinkman, U.A.Th.
Coupling of column liquid chromatography and Fourier transform infrared spectrometry 811(1998)1

- Song (Sherry), S. and Ashley, D.L.
Sample purification for the analysis of caffeine in tobacco by gas chromatography-mass spectrometry 814(1998)171
- Song, H., see Tisch, T.L. 816(1998)3
- Song, J.-F., see Che, F.-Y. 849(1999)599
- Song, S., see Watkins, L.K. 840(1999)183
- Song, X. and Budde, W.L.
Determination of chlorinated acid herbicides and related compounds in water by capillary electrophoresis-electrospray negative ion mass spectrometry 829(1998)327
- Sorell, L., see Camafeita, E. 823(1998)299
- Sørensen, H., see Bjergegaard, C. 836(1999)115
- Sørensen, H., see Bjergegaard, C. 836(1999)137
- Sørensen, H., see Buskov, S. 802(1998)233
- Sørensen, J.C., see Bjergegaard, C. 836(1999)115
- Sørensen, J.C., see Buskov, S. 802(1998)233
- Sørensen, S., see Bjergegaard, C. 836(1999)115
- Sørensen, S., see Bjergegaard, C. 836(1999)137
- Sørensen, S., see Buskov, S. 802(1998)233
- Soriano, J.M., Jiménez, B., Redondo, M.J. and Moltó, J.C.
Comparison of different sorbents for on-line liquid-solid extraction followed by high-performance liquid chromatographic determination of nitrogen-containing pesticides 822(1998)67
- Soto, L.M., Ledo, H., Calderón, Y., Marín, J. and Galarraga, F.
Bacterial sulfate production by biodesulfurization of aromatic hydrocarbons, determined by ion chromatography 824(1998)45
- Soudan, B., see Boulis, Y. 805(1998)285
- Soudant, P., see Marty, Y. 839(1999)119
- Spaan, A., see De Wasch, K. 819(1998)99
- Spalding, R.F., see Cassada, D.A. 844(1999)87
- Spangler, S., see Kees, F. 812(1998)287
- Spanier, A.M., see Hamada, J.S. 827(1998)319
- Špánik, I., Krupčík, J. and Schurig, V.
Comparison of two methods for the gas chromatographic determination of thermodynamic parameters of enantioselectivity 843(1999)123
- Sparapani, R., see Allegrini, I. 846(1999)265
- Spila, E., Sechi, G. and Bernabei, M.
Determination of organophosphate contaminants in jet fuel 847(1999)331
- Spiteller, G., Kern, W. and Spiteller, P.
Investigation of aldehydic lipid peroxidation products by gas chromatography-mass spectrometry (Review) 843(1999)29
- Spiteller, M., see Schmitt-Kopplin, P. 837(1999)253
- Spiteller, P., see Spiteller, G. 843(1999)29
- Spliid, N.H., see Køppen, B. 803(1998)157
- Spranger, M.I., see Sun, B. 841(1999)115
- Sprauer, A., see Schwaneberg, U. 848(1999)149
- Spiridakis, M.-H.E. and Siskos, P.A.
Development of a new direct reversed-phase ion-pair high-performance liquid chromatographic method for the separation and determination of sialic acids 831(1999)179
- Sriram, M., see Desai, A.S. 841(1999)55
- Srivastava, S., Verma, R.K., Gupta, M.M. and Kumar, S.
Reversed-phase liquid chromatography of 1,3-benzodioxanes in *Piper mullesua* 841(1999)123
- St. John, W.P., Rughani, J., Green, S.A. and McGinnis, G.D.
Analysis and characterization of naphthenic acids by gas chromatography-electron impact mass spectrometry of *tert*-butyldimethylsilyl derivatives 807(1998)241
- Staby, A., Johansen, N., Wahlstrøm, H. and Mollerup, I.
Comparison of loading capacities of various proteins and peptides in culture medium and in pure state 827(1998)311
- Stadler, M., Henkel, T., Müller, H., Weber, K. and Schlecker, H.
Identification of alkaloids and polyketides in an *Actinomyctete* by high-performance liquid chromatography with mass spectrometric and UV-visible detection 818(1998)187
- Stahlmann, S. and Kovar, K.-A.
Analysis of impurities by high-performance thin-layer chromatography with Fourier transform infrared spectroscopy and UV absorbance detection in situ measurement: chlordiazepoxide in bulk powder and in tablets 813(1998)145
- Stahr, H.M., see Imerman, P.M. 815(1998)141
- Stakic, D.Z., see Markovic, G. 847(1999)365
- Stan, H.-J. and Schwarzer, F.
On-line coupling of liquid chromatography with thin-layer chromatography 819(1998)35
- Staniforth, M., O'Hanlon, M. and Khong, T.M.
Comparative study of lactic acid and polylactides using static headspace, gas chromatography and high-performance liquid chromatography 833(1999)195
- Stanley, B., see Quiñones, I. 849(1999)45
- Stapleton, A., see Tisch, T.L. 816(1998)3
- Šťastná, M. and Šlánská, K.
Use of micellar partition in capillary isotachophoretic focusing 832(1999)265
- Stathakis, C., Arriaga, E.A., Lewis, D.F. and Dovichi, N.J.
Cationic and anionic polymeric additives for wall deactivation and selectivity control in the capillary electrophoretic separation of proteins in food samples 817(1998)227
- Stathakis, C., Arriaga, E.A. and Dovichi, N.J.
Protein profiling employing capillary electrophoresis with dendrimers as pseudostationary phase media 817(1998)233
- Stathakis, C., see Ren, H. 817(1998)307
- Stearns, S.D., see Wentworth, W.E. 842(1999)229
- Stefanelli, P., see Di Muccio, A. 833(1999)19
- Stefanelli, P., see Di Muccio, A. 833(1999)61
- Steijger, O.M., see Mol, H.G.J. 833(1999)53
- Steinbach, K., see Schmidt, T.C. 810(1998)161
- Steinbrunn, A., see Strzelczyk, F. 822(1998)326
- Stellingweif, S., see Lim, H.K. 831(1999)227
- Stellwagen, E., Gelfi, C. and Righetti, P.G.
Protein folding observed by capillary electrophoresis in isoelectric buffers 838(1999)131
- Stellwagen, N.C., Gelfi, C. and Righetti, P.G.
DNA-histidine complex formation in isoelectric histidine buffers 838(1999)179
- Stenhagen, G., see Skogsberg, U. 808(1998)253

- Stephani, R. and Cesare, V.
Enantiomeric enrichment of non-racemic antihistamines by achiral high-performance liquid chromatography
813(1998)79
- Sterk, S.S., see De Wasch, K. 819(1998)99
- Sternberg, R., Szopa, C., Coscia, D., Zubrzycki, S., Raulin, F., Vidal-Madjar, C., Niemann, H. and Israel, G.
Gas chromatography in space exploration. Capillary and micropacked columns for *in situ* analysis of Titan's atmosphere
846(1999)307
- Stevens, J.F., Taylor, A.W. and Deinzer, M.L.
Quantitative analysis of xanthohumol and related prenylflavonoids in hops and beer by liquid chromatography–tandem mass spectrometry
832(1999)97
- Sticher, O., see Rohr, G.E. 835(1999)59
- Stieglitz, L., see Bautz, H. 815(1998)231
- Stöckigt, J., see Zhao, Y. 837(1999)83
- Stoev, G.
Influence of capillary column efficiency on the reliability of the identification of complex mixtures by gas chromatography
845(1999)3
- Stoev, G., Dakova, T. and Michailova, Al.
Quantitative determination of Closantel residues in milk by high-performance liquid chromatography with fluorescence detection
846(1999)383
- Stoeva, S., see Voelter, W. 807(1998)135
- Stokes, K.C., see Muenter, M.M. 844(1999)1
- Štolcová, M., Kaszonyi, A., Liptaj, T. and Hronec, M.
Determination of the products of the reaction of *N*-alkyl-2-benzothiazolesulfenamide by high-performance liquid chromatography with acetone
847(1999)351
- Stoppini, L., see Robert, F. 817(1998)195
- Stork, G., see Less, M. 810(1998)173
- Stork, G., see Schmidt, T.C. 810(1998)161
- Stott, A.W., see Mottram, H.R. 833(1999)209
- Stover, F.S.
Capillary electrophoresis of phosphorus oxo anions
834(1999)243
- Stover, F.S. and Brill, R.V.
Statistical quality control applied to ion chromatography calibrations
804(1998)37
- Stoyanov, A.V. and Righetti, P.G.
Buffer properties of biopolymer solutions, as related to their behaviour in electrokinetic methodologies
838(1999)11
- Štrancar, A., see Josić, D. 803(1998)61
- Štrancar, A., see Podgornik, A. 848(1999)51
- Stránský, Z., see Barták, P. 818(1998)231
- Stránský, Z., see Bednář, P. 831(1999)277
- Stránský, Z., see Bednář, P. 838(1999)89
- Strassnig, S. and Lankmayr, E.P.
Elimination of matrix effects for static headspace analysis of ethanol
849(1999)629
- Strel, B., Ceccato, A., Peerboom, C., Zimmer, C., Sibenaler, R. and Maes, P.
Determination of molsidomine and its active metabolite in human plasma using liquid chromatography with tandem mass spectrometric detection
819(1998)113
- Striby, L., Lafont, R. and Goutx, M.
Improvement in the Iatroscan thin-layer chromatographic–flame ionisation detection analysis of marine lipids.
Separation and quantitation of monoacylglycerols and diacylglycerols in standards and natural samples
849(1999)371
- Strlič, M., Kolar, J., Žigon, M. and Pihlar, B.
Evaluation of size-exclusion chromatography and viscometry for the determination of molecular masses of oxidised cellulose
805(1998)93
- Strnad, M., see Vaňková, R. 811(1998)77
- Strohschein, S., see de Koning, J.A. 813(1998)55
- Strong, J.C., see Narahari, C.R. 825(1998)115
- Strong, R.A., Cho, B.-Y., Fate, G.D. and Krull, I.S.
Derivatization approaches for a fermentation derived, cyclic peptide analog
824(1998)25
- Strzelczyk, F., Leterq, D., Wilhelm, A.M. and Steinbrunn, A.
Gas–solid chromatographic separation of hydrogen isotopes: a comparison between two palladium bearing materials – alumina and kieselguhr
822(1998)326
- Stubberud, K.P. and Åström, O.
Separation of ibuprofen, codeine phosphate, their degradation products and impurities by capillary electrophoresis. II. Validation
826(1998)95
- Stubnings, G.W.F., see Cooper, A.D. 812(1998)321
- Stuff, J.R., Cheicante, R.L., Durst, H.D. and Ruth, J.L.
Detection of the chemical warfare agents bis-(2-chloroethyl)ethylamine (HN-1) and tris-(2-chloroethyl)amine (HN-3) in air
849(1999)529
- Štulík, K., see Pacákova, V. 834(1999)257
- Stumpf, Á., see Pál, R. 819(1998)249
- Stumpf, Á., Tólvaj, K. and Juhász, M.
Detailed analysis of sulfur compounds in gasoline range petroleum products with high-resolution gas chromatography–atomic emission detection using group-selective chemical treatment
819(1998)67
- Subramanian, A., see Clausen, A.M. 831(1999)63
- Suchy, S., see Schollenberger, M. 815(1998)123
- Sudo, Y., see Shinbo, T. 803(1998)95
- Sudo, Y. and Wada, T.
Characteristics of octadecylsilylated silica gels end-capped by high-temperature silylation
813(1998)239
- Sudo, Y., Yamaguchi, T. and Shinbo, T.
Preparation and chiral recognition of (*S*)-binaphthol derivative-bonded phase for high-performance liquid chromatography
813(1998)35
- Sugimura, M., see Taga, A. 802(1998)243
- Sugita, K., see Nakamura, M. 822(1998)53
- Sugita, K., see Sasagawa, N. 848(1999)161
- Sugiyama, S., see Sato, K. 811(1998)69
- Sugo, T., see Nakamura, M. 822(1998)53
- Sugo, T., see Sasagawa, N. 848(1999)161
- Sulkowski, W. and Rosińska, A.
Comparison of the efficiency of extraction methods for polychlorinated biphenyls from environmental wastes
845(1999)349
- Sullivan, J. and Douek, M.
Determination of inorganic chlorine species in kraft mill bleach effluents by ion chromatography
804(1998)113

- Sun, B., Belchior, G.P., Ricardo-da-Silva, J.M. and Spranger, M.I.
Isolation and purification of dimeric and trimeric procyanidins from grape seeds 841(1999)115
- Sun, K., see Wentworth, W.E. 842(1999)229
- Sun, S.-W. and Wu, A.-C.
Optimization of the capillary electrophoretic separation of bisbenzylisoquinoline alkaloids by an overlapping resolution mapping scheme 814(1998)223
- Sun, X., see You, J. 848(1999)117
- Sun, X., see Zhao, Y. 837(1999)83
- Sun, Y., see Yang, J. 811(1998)274
- Sundaresan, M., see Patel, Y.P. 828(1998)283
- Sundaresan, M., see Patel, Y.P. 828(1998)287
- Sunner, J., see Chen, Y.-C. 826(1998)77
- Suortti, T., Gorenstein, M.V. and Roger, P.
Determination of the molecular mass of amylose 828(1998)515
- Süssenbeková, H., see Vaňková, R. 811(1998)77
- Sutherland, F.C.H., see Swart, K.J. 828(1998)219
- Suto, K., Kakinuma, S., Ito, Y., Sagara, K., Iwasaki, H. and Itokawa, H.
Determination of atracylone in *Atractylodes* rhizome using supercritical fluid chromatography on-line coupled with supercritical fluid extraction by the direct induction method 810(1998)252
- Sutton, R.M.C., Hill, S.J., Jones, P., Sanz-Medel, A. and Garcia-Alonso, J.I.
Comparison of the retention behaviour of uranium and thorium on high-efficiency resin substrates impregnated or dynamically coated with metal chelating compounds 816(1998)286
- Suzuki, K., see Yamamoto, N. 819(1998)177
- Suzuki, M., see Oka, H. 813(1998)71
- Suzuki, M., see Oka, H. 813(1998)71
- Suzuki, N., Ishihama, Y., Kajima, T. and Asakawa, N.
Quantitation of counter ion of a water-insoluble drug by nonaqueous capillary electrophoresis with indirect UV detection 829(1998)411
- Suzuki, S., see Taga, A. 839(1999)157
- Suzuki, T., Mitsuya, T., Matsubara, H. and Yamasaki, M.
Determination of pectenotoxin-2 after solid-phase extraction from seawater and from the dinoflagellate *Dinophysis fortii* by liquid chromatography with electrospray mass spectrometry and ultraviolet detection. Evidence of oxidation of pectenotoxin-2 to pectenotoxin-6 in scallops 815(1998)155
- Suzuki, Y., Tanabe, K. and Shioi, Y.
Determination of chemical oxidation products of chlorophyll and porphyrin by high-performance liquid chromatography 839(1999)85
- Svensson, M., Berggren, K., Veide, A. and Tjerneld, F.
Aqueous two-phase systems containing self-associating block copolymers. Partitioning of hydrophilic and hydrophobic biomolecules 839(1999)71
- Svensson, S., Vessman, J. and Karlsson, A.
Direct high-performance liquid chromatographic separations of metoprolol analogues on a Chiralcel OD column using chemometrics 839(1999)23
- Swart, K.J., Sutherland, F.C.H., van Essen, G.H., Hundt, H.K.L. and Hundt, A.F.
Determination of fluspirilene in human plasma by liquid chromatography-tandem mass spectrometry with electrospray ionisation 828(1998)219
- Swart, R., Koivisto, P. and Markides, K.E.
Column switching in capillary liquid chromatography-tandem mass spectrometry for the quantitation of pg/ml concentrations of the free basic drug tolterodine and its active 5-hydroxymethyl metabolite in microliter volumes of plasma 828(1998)209
- Sweedler, J.V., see Floyd, P.D. 830(1999)105
- Swietlow, A., see Sellergren, B. 829(1998)143
- Sybilska, D., see Bielejewska, A. 840(1999)159
- Synovec, R.E., see Olson, N.A. 806(1998)239
- Szepe, L., see Sándi, Á. 818(1998)1
- Szepe, L., see Sándi, Á. 818(1998)19
- Szepe, L., see Sándi, Á. 845(1999)113
- Szóke, M., see Guttman, A. 828(1998)481
- Szoke, M., Sasvari-Szekely, M. and Guttman, A.
Ultra-thin-layer agarose gel electrophoresis. I. Effect of the gel concentration and temperature on the separation of DNA fragments 830(1999)465
- Szopa, C., see Sternberg, R. 846(1999)307
- Szostek, B. and Aldstadt, J.H.
Determination of organoarsenicals in the environment by solid-phase microextraction-gas chromatography-mass spectrometry 807(1998)253
- Szűcs, R., Beaman, J.V. and Lipczynski, A.M.
Comparative effects of sodium dodecyl sulfate and sulfobutyl ether- β -cyclodextrin as pseudostationary phases in the electrokinetic chromatographic separation of hydrophobic compounds 836(1999)53
- T**
- Tabera, J., see Ibañez, E. 823(1998)313
- Tada, K., see Fukushi, K. 838(1999)303
- Tadeo, J.L., see Sánchez-Brunete, C. 823(1998)17
- Taeschler, C., see Meierhans, D.C. 802(1998)325
- Taga, A., see Honda, S. 805(1998)277
- Taga, A., Mochizuki, M., Itoh, H., Suzuki, S. and Honda, S.
Capillary electrophoretic determination of the association constant of a protein and a neutral carbohydrate by introducing mercaptoethanesulfonate tags to the carbohydrate 839(1999)157
- Taga, A., Nishino, A. and Honda, S.
Characteristic features of the throughout-capillary technique of in-capillary derivatization in capillary electrophoresis 822(1998)271

- Taga, A., Sugimura, M. and Honda, S.
Derivatization of amino acids in a moving zone of *o*-phthalaldehyde in the middle of a capillary for amino acid analysis by capillary electrophoresis 802(1998)243
- Taga, A., Uegaki, K., Yabusako, Y., Kitano, A. and Honda, S.
Simultaneous determination of the association constants of oligosaccharides to a lectin by capillary electrophoresis 837(1999)221
- Tahara, K., see Nishizawa, H. 849(1999)61
- Tahara, S.-i., Okayama, A., Kitada, Y., Watanabe, T., Nakazawa, H., Kakehi, K. and Hisamatu, Y.
Enantiomeric separation of atropine in *Scopolia* extract and *Scopolia Rhizome* by capillary electrophoresis using cyclodextrins as chiral selectors 848(1999)465
- Takács, B., see Fountoulakis, M. 806(1998)279
- Takács, B., see Fountoulakis, M. 833(1999)157
- Takács, M.-F., see Fountoulakis, M. 833(1999)157
- Takahashi, K., see Takeichi, T. 845(1999)33
- Takahashi, M., see Iinuma, F. 835(1999)67
- Takahashi, Y., see Watanabe, T. 839(1999)41
- Takai, N., see Masuda, T. 845(1999)401
- Takaya, M.
Development of an analytical method for beryllium in airborne dust by micellar electrokinetic chromatography 850(1999)363
- Takayama, Y., see Takeichi, T. 845(1999)33
- Takeba, K., Fujinuma, K., Miyazaki, T. and Nakazawa, H.
Simultaneous determination of β -lactam antibiotics in milk by ion-pair liquid chromatography 812(1998)205
- Takeda, S., see Fukushi, K. 802(1998)211
- Takeda, S., see Fukushi, K. 834(1999)349
- Takeda, S., see Fukushi, K. 838(1999)303
- Takeda, S., Wakida, S.-I., Yamane, M., Siroma, Z., Higashi, K. and Terabe, S.
Use of several anionic surfactants for the separation of aniline derivatives in micellar electrokinetic chromatography 817(1998)59
- Takehira, H., see Haginaka, J. 816(1998)113
- Takehira, H., see Haginaka, J. 849(1999)331
- Takeichi, T., Takahashi, K., Tanaka, T. and Takayama, Y.
Deactivation of metal capillaries for gas chromatography 845(1999)33
- Takesako, H., see Kataoka, M. 824(1998)211
- Takeuchi, T., Safni, Miwa, T., Hashimoto, Y. and Moriyama, H.
Ion chromatography on anion exchangers modified with mucopolysaccharides 804(1998)79
- Takeuchi, T., see Safni, 850(1999)65
- Talabardon, K., see Berthod, A. 828(1998)523
- Talamond, P., Gallon, G. and Treche, S.
Rapid and sensitive liquid chromatographic method using a conductivity detector for the determination of phytic acid in food 805(1998)143
- Tallarico, C., see Frassanito, R. 806(1998)366
- Tamás, J., see Bencsik, K. 824(1998)175
- Tambuté, A., see Mercier, J.-P. 825(1998)71
- Tambuté, A., see Mercier, J.-P. 849(1999)197
- Tamisier-Karolak, S.L., see Le Potier, I. 829(1998)341
- Tamogami, S. and Kodama, O.
Quantification of amino acid conjugates of jasmonic acid in rice leaves by high-performance liquid chromatography-turboionspray tandem mass spectrometry 822(1998)310
- Tan, L.C., see Wang, A. 848(1999)21
- Tan, Y., see Van Breemen, R.B. 806(1998)67
- Tanabe, K., see Suzuki, Y. 839(1999)85
- Tanaka, H., see Terashima, C. 828(1998)113
- Tanaka, I., see Kobayashi, S. 828(1998)75
- Tanaka, K., Chikara, H., Hu, W. and Hasebe, K.
Separation of carboxylic acids on a weakly acidic cation-exchange resin by ion-exclusion chromatography 850(1999)187
- Tanaka, K., see Hu, W. 850(1999)161
- Tanaka, K., see Kwon, S.-M. 850(1999)79
- Tanaka, K., see Ng, K.L. 850(1999)17
- Tanaka, K., see Ohta, K. 804(1998)87
- Tanaka, K., see Ohta, K. 804(1998)171
- Tanaka, K., see Ohta, K. 850(1999)177
- Tanaka, K., see Ohta, K. 850(1999)229
- Tanaka, K., Ohta, K., Haddad, P.R. and Fritz, J.S.
Ion-exchange chromatography of mono- and divalent cations in natural waters on a weak-acid anion-exclusion column 804(1998)179
- Tanaka, K., Ohta, K., Haddad, P.R., Fritz, J.S., Lee, K.-P., Hasebe, K., Ieuji, A. and Miyanaga, A.
Acid-rain monitoring in East Asia with a portable-type ion-exclusion-cation-exchange chromatographic analyzer 850(1999)311
- Tanaka, M., see Araki, T. 845(1999)455
- Tanaka, M., see Miura, M. 846(1999)359
- Tanaka, M., see Yasaka, Y. 810(1998)221
- Tanaka, N., see Haginaka, J. 816(1998)113
- Tanaka, N., see Haginaka, J. 849(1999)331
- Tanaka, N., see Hosoya, K. 828(1998)91
- Tanaka, N., see Minakuchi, H. 828(1998)83
- Tanaka, N., Nakagawa, K., Hosoya, K., Palmer, C.P. and Kunugi, S.
Control of migration time window and selectivity in electrokinetic chromatography with mixed polymeric pseudostationary phases 802(1998)23
- Tanaka, N., Nakagawa, K., Nagayama, H., Hosoya, K., Ikegami, T., Itaya, A. and Shibayama, M.
Effects of electrokinetic chromatography conditions on the structure and properties of polyallylamine-supported pseudo-stationary phase. A study by dynamic light scattering 836(1999)295
- Tanaka, N., see Otsuka, K. 817(1998)75
- Tanaka, T., see Hayakawa, K. 846(1999)73
- Tanaka, T., see Takeichi, T. 845(1999)33
- Tanaka, Y., Kishimoto, Y. and Terabe, S.
Separation of acidic enantiomers by capillary electrophoresis-mass spectrometry employing a partial filling technique 802(1998)83
- Tanaka, Y., Kishimoto, Y., Otsuka, K. and Terabe, S.
Strategy for selecting separation solutions in capillary electrophoresis-mass spectrometry 817(1998)49

- Tang, L., Silverman, C.E. and Blackwell, J.A.
Effect of additives on chiral selectivities by β -cyclodextrin in capillary electrophoresis based on the phenomenon of solvatochromism 829(1998)301
- Tang, Q., Xin, B. and Lee, M.L.
Monolithic columns containing sol-gel bonded octadecylsilica for capillary electrochromatography 837(1999)35
- Tangen, A., Lund, W., Josefsson, B. and Borg, H.
Interface for the coupling of capillary electrophoresis and inductively coupled plasma mass spectrometry 826(1998)87
- Tangen, A., see Trones, R. 835(1999)105
- Tani, N., see Onji, Y. 815(1998)59
- Tanimoto, T., Ikuta, A., Koizumi, K. and Kimata, K.
Retention behavior of positional isomers of disubstituted cyclomalto-oligosaccharide (cyclodextrin) derivatives on an ODS column 825(1998)195
- Tapper, S., see Iyer, H. 832(1999)1
- Tarbin, J.A., see Cooper, A.D. 812(1998)321
- Tartar, A., see Mokrzycki, N. 839(1999)57
- Tatsumoto, H., see Shibukawa, M. 830(1999)321
- Tatsuno, M., see Katagi, M. 833(1999)169
- Tauc, P., Cochet, S., Algiman, E., Callebaut, I., Cartron, J.-P., Claude Brochon, J. and Bertrand, O.
Ion-exchange chromatography of proteins: modulation of selectivity by addition of organic solvents to mobile phase. Application to single-step purification of a proteinase inhibitor from corn and study of the mechanism of selectivity modulation 825(1998)17
- Taverna, M., see Le Potier, I. 829(1998)341
- Tawa, R., Matsunaga, H. and Fujimoto, T.
High-performance liquid chromatographic analysis of aminoglycoside antibiotics 812(1998)141
- Taylor, A.W., see Stevens, J.F. 832(1999)97
- Taylor, G.C., see Vander Heyden, Y. 830(1999)3
- Taylor, L.T., see Eckard, P.R. 826(1998)241
- Taylor, L.T., see Palma, M. 849(1999)117
- Taylor, L.T., see Pinto, A.M. 811(1998)163
- Taylor, W.L., see Jarrett, H.W. 803(1998)131
- Tchapla, A., see Héron, S. 848(1999)95
- Tchapla, A., see Lesellier, E. 844(1999)307
- Teissedre, P.L., see Carando, S. 849(1999)617
- Tejeda, A., Ortega, J., Magaña, I. and Guzmán, R.
Optimal design of affinity membrane chromatographic columns 830(1999)293
- Tempst, P., see Erdjument-Bromage, H. 826(1998)167
- Teng, H.-C., see Ling, Y.-C. 835(1999)145
- Tennberg, K., see Kuban, P. 808(1998)219
- Terabe, S., see Muijselaar, P.G. 802(1998)3
- Terabe, S., see Otsuka, K. 817(1998)75
- Terabe, S., see Quirino, J.P. 838(1999)3
- Terabe, S., see Quirino, J.P. 850(1999)339
- Terabe, S., see Takeda, S. 817(1998)59
- Terabe, S., see Tanaka, Y. 802(1998)83
- Terabe, S., see Tanaka, Y. 817(1998)49
- Terabe, S., see Watanabe, T. 825(1998)102
- Terashima, C., Tanaka, H. and Furuno, M.
Using an electrochemical detector with a carbon interdigitated-array microelectrode for capillary-column liquid chromatography 828(1998)113
- Terashita, Y., see Miura, M. 846(1999)359
- Termaten, A., see de Beer, T. 811(1998)35
- Ternes, T.A., see Hirsch, R. 815(1998)213
- Terreni, M., see Grasso, P. 822(1998)91
- Terrien, I., Achard, M.F., Félix, G. and Hardouin, F.
Thermotropic laterally attached liquid crystalline polymers. I. New stationary phases for high-performance liquid chromatography 810(1998)19
- Terrier, R., see Caussé, E. 817(1998)181
- Tesařová, E., Bosáková, Z. and Pacákova, V.
Comparison of enantioselective separation of *N-tert.*-butyloxycarbonyl amino acids and their non-blocked analogues on teicoplanin-based chiral stationary phase 838(1999)121
- Tesařová, E., see Gogová, K. 838(1999)101
- Tesařová, E., Záruba, K. and Flieger, M.
Enantioseparation of semisynthetic ergot alkaloids on vancomycin and teicoplanin stationary phases 844(1999)137
- Tešić, Ž.Lj., Baošić, R.M. and Milojković-Opsenica, D.M.
Thin-layer chromatography of mixed tris- β -diketonato metal complexes on polyacrylonitrile sorbent 847(1999)303
- Tešić, Ž.Lj., see Milojković-Opsenica, D.M. 847(1999)291
- Tešić, Ž.Lj., Sabo, T.J., Trifunović, S.R. and Milojković-Opsenica, D.M.
Thin-layer chromatography of *facial* and *meridional* isomers of Co(III) and Cr(III) complexes on polyacrylonitrile sorbent 847(1999)297
- Teske, J., see Engewald, W. 842(1999)143
- Teske, J., see Müller, R.K. 843(1999)275
- Tetaert, D., see Boulis, Y. 805(1998)285
- Tetler, L.W., see Ellis, D.R. 808(1998)269
- Tetler, L.W., see Ellis, D.R. 829(1998)419
- Theodoridis, G., see Jandera, P. 813(1998)299
- Theodoridis, G., Laskaris, G., de Jong, C.F., Hofte, A.J.P. and Verpoorte, R.
Determination of paclitaxel and related diterpenoids in plant extracts by high-performance liquid chromatography with UV detection in high-performance liquid chromatography-mass spectrometry 802(1998)297
- Thépenier, P., see Renault, J.-H. 849(1999)421
- Theurillat, R., see Zaugg, S. 838(1999)237
- Thibault, P., see Li, J. 817(1998)325
- Thibout, E., see Auger, J. 819(1998)45
- Thiebaut, D., see Menet, M.-C. 831(1999)203
- Thieme, D., see Müller, R.K. 843(1999)275
- Thomas, K.V.
Determination of selected antifouling booster biocides by high-performance liquid chromatography-atmospheric pressure chemical ionisation mass spectrometry 825(1998)29

- Thomas, K.V.
Determination of the antifouling agent zinc pyrithione in water samples by copper chelate formation and high-performance liquid chromatography–atmospheric pressure chemical ionisation mass spectrometry 833(1999)105
- Thömmes, J., see Ljunglöf, A. 813(1998)387
- Thoolen, M., see Gao, V.C.X. 828(1998)141
- Thormann, W., see Albrecht, C. 802(1998)115
- Thormann, W., see Caslavská, J. 838(1999)197
- Thormann, W., see Zaugg, S. 838(1999)237
- Thorsteinsdóttir, M., Westerlund, D., Andersson, G. and Kaufmann, P.
Chemometric evaluation of the band broadening in micellar electrokinetic chromatography of peptides 809(1998)191
- Thorsteinsdóttir, M., Ringbom, C., Westerlund, D., Andersson, G. and Kaufmann, P.
Multivariate evaluation of organic modifier effects on the separation performance of peptides in micellar electrokinetic chromatography 831(1999)293
- Thunhorst, M., Otte, Y., Jefferies, T.M., Branch, S.K. and Holzgrabe, U.
Effect of various cyclodextrin derivatives on the resolution of fencamfamine isomers with capillary electrophoresis and nuclear magnetic resonance 818(1998)239
- Tian, Y., see Cao, X. 813(1998)397
- Tier, C.M., see Jones, A.D. 822(1998)147
- Tihminlioglu, F. and Danner, R.P.
Application of inverse gas chromatography to the measurement of diffusion and phase equilibria in polyacrylate–solvent systems 845(1999)93
- Tijssen, R., see Beens, J. 822(1998)233
- Tijssen, R., see Venema, E. 837(1999)3
- Tikhonov, N.A., see Muraviev, D. 802(1998)251
- Tilander, T., see Pedersen-Bjergaard, S. 807(1998)285
- Tillitt, D.E., see Echols, K.R. 811(1998)135
- Tilotta, D.C., see Merschman, S.A. 829(1998)377
- Timerbaev, A.R. and Buchberger, W.
Prospects for detection and sensitivity enhancement of inorganic ions in capillary electrophoresis 834(1999)117
- Timerbaev, A.R., Semenova, O.P. and Fritz, J.S.
Improved photometric detection of metal ions by capillary zone electrophoresis after precapillary complexation 811(1998)233
- Timperman, A.T., see Coble, P.G. 829(1998)309
- Tisch, T.L., Frost, R., Liao, J.-L., Lam, W.-K., Remy, A., Scheinpflug, E., Siebert, C., Song, H. and Stapleton, A.
Biochemical separations by continuous-bed chromatography 816(1998)3
- Titchener-Hooker, N.J., see Willoughby, N.A. 840(1999)195
- Tjaden, U.R., see Gysler, J. 841(1999)63
- Tjerneld, F., see Medve, J. 808(1998)153
- Tjerneld, F., see Svensson, M. 839(1999)71
- Tjørnelund, J., Bazzanella, A., Lochmann, H. and Bächmann, K.
Colectroosmotic separations of anions in non-aqueous capillary electrophoresis 811(1998)211
- Tleugabulova, D., Falcón, V. and Pentón, E.
Physico-chemical characterization of recombinant hepatitis B surface antigen by a multidimensional approach 845(1999)171
- Todor, S., see Sârbu, C. 822(1998)263
- Togashi, K., see Honda, S. 805(1998)277
- Toida, T., see Toyoda, H. 830(1999)197
- Tolls, J., Haller, M. and Sijm, D.T.H.M.
Extraction and isolation of linear alcohol ethoxylates from fish 839(1999)109
- Tolvaj, K., see Stumpf, Á. 819(1998)67
- Tomalia, D.A., see Brothers II, H.M. 814(1998)233
- Tomaniová, M., Hajšlová, J., Pavelka Jr, J., Kocourek, V., Holadová, K. and Klímová, I.
Microwave-assisted solvent extraction — a new method for isolation of polynuclear aromatic hydrocarbons from plants 827(1998)21
- Tomao, V., Siouffi, A.M. and Denoyel, R.
Influence of time and temperature of hydrothermal treatment on glass fibers surface 829(1998)367
- Tomas, J., see Mihlbachler, K. 818(1998)155
- Tömböly, C., see Péter, A. 846(1999)39
- Tomellini, S.A., see Yang, M. 841(1999)9
- Tominaga, I., see Hiraoka, A. 802(1998)143
- Tomos, A.D., see Bazzanella, A. 809(1998)231
- Tonegawa, M., see Masuda, T. 845(1999)401
- Tong, C., see Zhu, Y. 850(1999)297
- Tong, W.G., see Wu, Z. 805(1998)63
- Tong, X. and Caldwell, K.D.
Computer simulation of particle separation based on non-equilibrium swelling 831(1999)51
- Tonon, D., see Andrés-Lacueva, C. 823(1998)355
- Tönsuadu, K., see Koel, M. 819(1998)75
- Toribio, F., Puignou, L. and Galceran, M.T.
Evaluation of different clean-up procedures for the analysis of heterocyclic aromatic amines in a lyophilized meat extract 836(1999)223
- Toribio, L., del Nozal, M., Bernal, J.L., Jiménez, J.J. and Serna, M.L.
Packed-column supercritical fluid chromatography coupled with solid-phase extraction for the determination of organic microcontaminants in water 823(1998)163
- Toribio, L., see Jiménez, J.J. 823(1998)381
- Toro, I., see Barbosa, J. 823(1998)497
- Toro, I., see Sanz-Nebot, V. 846(1999)25
- Török, G., see Péter, A. 828(1998)177
- Török, G., Péter, A., Gaucher, A., Wakselman, M., Mazaleyrat, J.-P. and Armstrong, D.W.
High-performance liquid chromatographic separation of novel atropic α,α -disubstituted- β -amino acids, either on different β -cyclodextrin-bonded phases or as their 1-fluoro-2,4-dinitrophenyl-5-L-alanine amide derivatives 846(1999)83
- Török, J., Kovács-Hadady, K. and Mincsovics, E.
Distribution of cationic ion-pairing reagents on thin-layers after continuous overpressured layer chromatography 803(1998)235
- Torre, M., see García, M.C. 822(1998)225
- Torre, M., see Ramos, L. 815(1998)272
- Torre, M., see Ramos, L. 823(1998)365
- Torre, P., see Izco, J.M. 832(1999)239
- Torrens, F., Sánchez-Marín, J. and Nebot-Gil, I.
Universal model for the calculation of all organic solvent–water partition coefficients 827(1998)345
- Torstensson, A., see Eskilsson, C.S. 840(1999)59

- Torto, N., Bång, J., Richardson, S., Nilsson, G.S., Gorton, L., Laurell, T. and Marko-Varga, G.
Optimal membrane choice for microdialysis sampling of oligosaccharides 806(1998)265
- Tóth, G., see Péter, A. 828(1998)177
- Tóth, G., see Péter, A. 846(1999)39
- Tou, S., see Morita, M. 837(1999)17
- Tourwé, D., see Péter, A. 828(1998)177
- Tourwé, D., see Péter, A. 846(1999)39
- Toussaint, B., Ceccato, A., Hubert, Ph., De Graeve, J., De Pauw, E. and Crommen, J.
Determination of L-lysine N-acetylcycteinate and its mono- and dimeric related compounds by liquid chromatography-mass spectrometry 819(1998)161
- Toyoda, H., Yamamoto, H., Ogino, N., Toida, T. and Imanari, T.
Rapid and sensitive analysis of disaccharide composition in heparin and heparan sulfate by reversed-phase ion-pair chromatography on a 2 µm porous silica gel column 830(1999)197
- Toyo'oka, T., see Jin, D. 822(1998)215
- Tranfo, G., Plebani, C., Salerno, A., Panebianco, A.S. and Marcelloni, A.M.
High-performance liquid chromatographic determination of n-methylformamide, a biological index for occupational exposure to dimethylformamide 847(1999)19
- Trauer, H., see Müller, R.K. 843(1999)275
- Treche, S., see Talamond, P. 805(1998)143
- Treves Brown, B.J., see Bektaş, N. 836(1999)107
- Treves Brown, B.J., see Prest, J.E. 836(1999)59
- Triepels, H.J.P., see Beckers, J.L. 838(1999)149
- Trifunović, S.R., see Tešić, Ž.Lj. 847(1999)297
- Trizza, V., see Floridi, A. 846(1999)65
- Troncoso, A.M., see Morales, M.L. 822(1998)45
- Troncoso, A.M., see Morales, M.L. 831(1999)331
- Trones, R., Andersen, T., Hunnes, I. and Greibrokk, T.
Modified laser light-scattering detector for use in high temperature micro liquid chromatography 814(1998)55
- Trones, R., Tangen, A., Lund, W. and Greibrokk, T.
Packed capillary high-temperature liquid chromatography coupled to inductively coupled plasma mass spectrometry 835(1999)105
- Trotta, F., see Zerbinati, O. 810(1998)193
- Tryzell, R., see Kuban, P. 808(1998)219
- Tsai, C.-Y., Chen, Y.-R. and Her, G.-R.
Analysis of triazines by reversed electroosmotic flow capillary electrophoresis-electrospray mass spectrometry 813(1998)379
- Tsai, M.-J., see Lin, M.-C. 830(1999)387
- Tsai, Y.-L. and Yu, T.
Feasibility study of using refrigerant 1,1,1,2-tetrafluoroethane as the mobile phase in high-speed counter-current chromatography 835(1999)237
- Tsang, C.W., see Cheng, C.F. 849(1999)389
- Tsipi, D., see Vassilakis, I. 823(1998)49
- Tsiropoulos, N.G., see Miliadis, G.E. 835(1999)113
- Tsitsiloni, O.E., see Voelter, W. 807(1998)135
- Tsuchihashi, H., see Katagi, M. 833(1999)169
- Tsuchihashi, K., see Yachida, Y. 813(1998)325
- Tsuge, K., see Kataoka, M. 824(1998)211
- Tsuhako, M., see Inoue, H. 802(1998)179
- Tsui, L.C., see Heng, H.H.Q. 806(1998)219
- Tsukagoshi, K., see Hashimoto, M. 832(1999)191
- Tsukagoshi, K., Okumura, Y. and Nakajima, R.
Migration behavior of dyestuff-containing liposomes in capillary electrophoresis with chemiluminescence detection 813(1998)402
- Tsukamasa, Y., see Sato, K. 811(1998)69
- Tsukamoto, T., see Haginaka, J. 830(1999)81
- Tsunoda, N., see Kataoka, M. 824(1998)211
- Tsunoi, S., see Araki, T. 845(1999)455
- Tsuruta, Y., see Inoue, H. 816(1998)137
- Tsvetkov, F., see Bruno, T.J. 844(1999)191
- Tucker, H.L. and Flack, R.W.
Determination of iodide in ground water and soil by ion chromatography 804(1998)131
- Tudor, E.
Erratum to "Temperature dependence of the retention index for perfumery compounds on a SE-30 glass capillary column. I. Linear equations" [J. Chromatogr. A, 779 (1997) 287-297] 830(1999)497
- Tudor, E. and Moldovan, D.
Temperature dependence of the retention index for perfumery compounds on a SE-30 glass capillary column. II. The hyperbolic equation 848(1999)215
- Tudor, E. and Oncescu, T.
Influence of temperature and n-alkane pair on the methylene increments to the thermodynamic functions of solution on SE-30 and Carbowax-20M capillary columns 844(1999)201
- Tumiatti, V., see Andrisano, V. 803(1998)189
- Turčáňiová, L., see Oriňák, A. 825(1998)189
- Turner, M., see Klampfl, C.W. 804(1998)349
- Tyski, S., see Pajchel, G. 846(1999)223
- Tzeng, Y.-M., see Chen, J.-W. 830(1999)115
- Tzeng, Y.-M., see Liu, C.-M. 809(1998)258
- Tzing, S.-H., see Ding, W.-H. 818(1998)270
- Tzing, S.-H., see Ding, W.-H. 824(1998)79
- U
- Ubuka, T., see Kinuta, M. 802(1998)73
- Uchiumi, A., see Shibukawa, M. 830(1999)321
- Uchiyama, K., see Chen, Z. 813(1998)369
- Uden, P.C., see Hardas, N.R. 844(1999)249
- Uden, P.C., see Hardas, N.R. 844(1999)271
- Uden, P.C., see Khuhawar, M.Y. 824(1998)223
- Uegaki, K., see Honda, S. 805(1998)277
- Uegaki, K., see Taga, A. 837(1999)221
- Ulber, R., see Riechel, P. 817(1998)187
- Ülgen, K.Ö., see Altintaş, M.M. 828(1998)373

- Ulven, S.M., see Sakhi, A.K. 828(1998)451
- Umebayashi, K., see Onji, Y. 815(1998)59
- Umekawa, H., see Isumi, Y. 806(1998)231
- Underberg, W., see Vander Heyden, Y. 830(1999)3
- Underberg, W.J.M., see Bardelmeijer, H.A. 807(1998)3
- Unger, K., see Issaeva, T. 846(1999)13
- Unger, K.K., see Bidlingmaier, B. 832(1999)11
- Unger, M.
- Capillary zone electrophoresis of alkaloids. Influence of structure on electrophoretic mobility 807(1998)81
- Urade, Y., see Hiraoka, A. 802(1998)143
- Urban, J., see Samcová, E. 847(1999)135
- Urbaniak, W., see Rykowska, I. 844(1999)239
-
- # V
- Vaccher, C., Fourmaintraux, E., Vaccher, M.-P., Beaubat, C. and Bonte, J.-P.
- Chiral resolution of the enantiomers of tetrahydronaphthalenic derivatives, new agonist and antagonist ligands for melatonin receptors, using high-performance liquid chromatography on cellulose chiral stationary phases 824(1998)15
- Vaccher, M.-P., see Vaccher, C. 824(1998)15
- Vachirapatama, N., Macka, M., Paull, B., Münker, C. and Haddad, P.R.
- Determination of niobium(V) and tantalum(V) as 4-(2-pyridylazo)resorcinol–citrate ternary complexes in geological materials by ion-interaction reversed-phase high-performance liquid chromatography 850(1999)257
- Vagenina, I.V., Kozlovsky, E.A., Mustaeva, L.G., Gorbunova, E.Yu. and Baru, M.B.
- Size exclusion chromatography of polypeptides on Bio-Gel P2 in the dynamic axial compression mode 840(1999)281
- Vähätilo, H., Auriola, S. and Lapinjoki, S.
- High-performance liquid chromatography–mass spectrometry of an osteocalcin derivative 846(1999)49
- Vaiani, R., see Arcelloni, C. 812(1998)111
- Vailaya, A. and Horváth, Cs.
- Retention in reversed-phase chromatography: partition or adsorption? 829(1998)1
- Valášková, I. and Havránek, E.
- Isotachophoretic analysis of inorganic ions 836(1999)201
- Valcárcel, M., see Arce, L. 803(1998)249
- Valcárcel, M., see Arce, L. 816(1998)243
- Valcárcel, M., see Arce, L. 827(1998)113
- Valcárcel, M., see Cárdenas, S. 823(1998)389
- Valcárcel, M., see Columé, A. 849(1999)235
- Valcárcel, M., see Crespín, M.A. 830(1999)165
- Valcárcel, M., see González, M. 823(1998)321
- Valcárcel, M., see González, M. 848(1999)529
- Valcárcel, M., see Mardones, C. 849(1999)609
- Valdiguié, P., see Caussé, E. 817(1998)181
- Valenta, H.
- Chromatographic methods for the determination of ochratoxin A in animal and human tissues and fluids 815(1998)75
- Valente, A.L.P., see Augusto, F. 819(1998)85
- Valentin, J.R., see Akapo, S.O. 843(1999)147
- Valentin, L., see Bottani, S. 844(1999)433
- Valenzuela, A.I., Lorenzini, R., Redondo, M.J. and Font, G.
- Matrix solid-phase dispersion microextraction and determination by high-performance liquid chromatography with UV detection of pesticide residues in citrus fruit 839(1999)101
- Valenzuela, F.A., Green, T.K. and Dahl, D.B.
- Capillary zone electrophoretic separation of sulfonium and thiophenium ions 802(1998)395
- Valiente, M., see Muraviev, D. 802(1998)251
- Valkó, I.E., Porras, S.P. and Riekkola, M.-L.
- Capillary electrophoresis with wide-bore capillaries and non-aqueous media 813(1998)179
- Valko, K., see Plass, M. 803(1998)51
- Valsecchi, S., see Colombini, S. 822(1998)162
- Valsecchi, S., see Colombini, S. 847(1999)279
- Valsecchi, S.M., see Polesello, S. 834(1999)103
- Valsecchi, S.M. and Polesello, S.
- Analysis of inorganic species in environmental samples by capillary electrophoresis 834(1999)363
- Valverde, A.
- Foreword 833(1999)1
- Valvo, L., see Manna, L. 846(1999)59
- Vanatta, L.E. and Coleman, D.E.
- Ion-chromatographic quantitation of fluoride and acetate. Statistical comparison of calibration curves from two similar eluents 804(1998)123
- Vanatta, L.E. and Coleman, D.E.
- Ion-chromatographic study of interactions in $\text{HF}-\text{H}_3\text{PO}_4-\text{HNO}_3$ semiconductor etchants. Systematic use of statistically designed mixture experiments 804(1998)161
- Vanatta, L.E., see Coleman, D.E. 850(1999)43
- Vanatta, L.E., Coleman, D.E. and Slingsby, R.W.
- Low-level calibration study for a new ion chromatographic column to determine borate in deionized water 850(1999)107
- Van Beek, T.A., see Derkzen, G.C.H. 816(1998)277
- Van Bocxlaer, J., see Dirinck, I. 819(1998)155
- Van Breemen, R.B., Tan, Y., Lai, J., Huang, C.-R. and Zhao, X.
- Immobilized thymine chromatography–mass spectrometry of oligonucleotides 806(1998)67
- Van Dam, R.C.J., see Mol, H.G.J. 833(1999)53
- Van de Vaart, F., see Vander Heyden, Y. 830(1999)3
- Van den Berg, A., see Fintschenko, Y. 819(1998)3
- Van den Berg, K.J., see van der Doelen, G.A. 809(1998)21
- Van den Bossche, W., see Vander Heyden, Y. 830(1999)3
- Van den Eeckhout, E.G., see Deforce, D.L.D. 806(1998)149
- Van der Doelen, G.A., van den Berg, K.J., Boon, J.J., Shibayama, N., de la Rie, E.R. and Genuit, W.J.L.
- Analysis of fresh triterpenoid resins and aged triterpenoid varnishes by high-performance liquid chromatography–atmospheric pressure chemical ionisation (tandem) mass spectrometry 809(1998)21

- Van der Does, J.J.B., see Blomberg, J. 849(1999)483
- Van der Eycken, E., Carlens, G., Messens, J., Zhao, Y., Bauw, G., Van der Eycken, J., Sandra, P. and Van Montagu, M. Synthesis of L-xylo-hexos-2-ulose (L-sorbosone) and its characterisation by chromatographic and spectroscopic techniques 811(1998)261
- Van der Eycken, J., see Péter, M. 816(1998)123
- Van der Eycken, J., see Van der Eycken, E. 811(1998)261
- Van der Greef, J., see Gysler, J. 841(1999)63
- Van der Heijden, A., see Adahchour, M. 844(1999)295
- Van der Hoff, G.R. and van Zoonen, P. Trace analysis of pesticides by gas chromatography (Review) 843(1999)301
- Van der Wal, Sj., Mengerink, Y., Brackman, J.C., de Brabander, E.M.M., Jeronimus-Stratingh, C.M. and Bruins, A.P. Compositional analysis of nitrile terminated poly(propylene imine) dendrimers by high-performance liquid chromatography combined with electrospray mass spectrometry 825(1998)135
- Van der Wielen, F., see Zhao, M. 837(1999)129
- Van der Wilp, W., see Li, J. 817(1998)325
- Van Dinther, F.H.M., Bally, R.W. and van Sommeren, T.P.G. Evaluation of three commercially available capillary (gel)electrophoresis kits for single stranded DNA oligonucleotide analysis 817(1998)273
- Van Dongen, W., see Prinsen, E. 826(1998)25
- Van Doorn, H., Grabanski, C.B., Miller, D.J. and Hawthorne, S.B. Solid-phase microextraction with pH adjustment for the determination of aromatic acids and bases in water 829(1998)223
- Van Eldik, R., see Riess, M. 827(1998)65
- Van Essen, G.H., see Swart, K.J. 828(1998)219
- Van Ginkel, L.A., see De Wasch, K. 819(1998)99
- Van Heukelom, L., see Dolan, J.W. 803(1998)1
- Van Heukelom, L., see Dolan, J.W. 803(1998)33
- Van Hoofstat, D., see Deforce, D.L.D. 806(1998)149
- Van Iperen, D.J., see Gooijer, C. 824(1998)1
- Van Kaer, J., see De Smet, R. 847(1999)141
- Van Langenhove, H., see Dewulf, J. 830(1999)353
- Van Langenhove, H., see Dewulf, J. 843(1999)163
- Van Leeuwen, S.P.J., see Hankemeier, T. 811(1998)117
- Van Montagu, M., see Van der Eycken, E. 811(1998)261
- Van Onckelen, H.A., see Prinsen, E. 826(1998)25
- Van Reis, R., see Iyer, H. 832(1999)1
- Van Rompaey, V., see Roets, E. 812(1998)303
- Van Schepdael, A., see Li, Y.M. 812(1998)227
- Van Sommeren, T.P.G., see van Dinther, F.H.M. 817(1998)273
- Van Straten, M.A., see Claessens, H.A. 826(1998)135
- Van Vaerenbergh, G., see Adams, E. 819(1998)93
- Van Wassenaar, D., see Bom, I. 808(1998)133
- Van Winkle, D.H., see Liu, Y. 817(1998)367
- Van Winkle, D.H., see Rill, R.L. 817(1998)287
- Van Zoonen, P., see van der Hoff, G.R. 843(1999)301
- Vandenreyken, V., see Defloor, I. 803(1998)103
- Vander Heyden, Y., Jimidar, M., Hund, E., Niemeijer, N., Peeters, R., Smeyers-Verbeke, J., Massart, D.L. and Hoogmartens, J. Determination of system suitability limits with a robustness test 845(1999)145
- Vander Heyden, Y., Saevels, J., Roets, E., Hoogmartens, J., Decolin, D., Quaglia, M.G., Van den Bossche, W., Leemans, R., Smeets, O., Van de Vaart, F., Mason, B., Taylor, G.C., Underberg, W., Bult, A., Chiap, P., Crommen, J., De Beer, J., Hansen, S.H. and Massart, D.L. Interlaboratory studies on two high-performance liquid chromatographic assays for tylosin (tartrate) 830(1999)3
- Vanholder, R., see De Smet, R. 847(1999)141
- Vaňková, R., Gaudinová, A., Süssenbeková, H., Dobrev, P., Strnad, M., Holík, J. and Lenfeld, J. Comparison of oriented and random antibody immobilization in immunoaffinity chromatography of cytokinins 811(1998)77
- Vanni, A., see Zerbiniati, O. 810(1998)193
- Vanquerp, V., Rodriguez, C., Coiffard, C., Coiffard, L.J.M. and De Roeck-Holtzauer, Y. High-performance liquid chromatographic method for the comparison of the photostability of five sunscreen agents 832(1999)273
- Vargas, M.G., Havel, J. and Patočka, J. Capillary zone electrophoretic determination of some drugs against Alzheimer's disease 802(1998)121
- Varshney, K.M., see Sarin, R.K. 822(1998)332
- Vartiainen, T., see Rantakokko, P. 839(1999)217
- Vasanits, A. and Molnár-Perl, I. Temperature, eluent flow-rate and column effects on the retention and quantitation properties of phenylthiocarbamyl derivatives of amino acids in reversed-phase high-performance liquid chromatography 832(1999)109
- Vasanits, A., see Molnár-Perl, I. 835(1999)73
- Vasconcellos, M.A., see Schuyl, P.J.W. 810(1998)53
- Vassilakis, I., Tsipi, D. and Scoullos, M. Determination of a variety of chemical classes of pesticides in surface and ground waters by off-line solid-phase extraction, gas chromatography with electron-capture and nitrogen-phosphorus detection, and high-performance liquid chromatography with post-column derivatization and fluorescence detection 823(1998)49
- Vauthier, J.-C. and Williams, P.S. Numerical simulation of band-broadening during hydrodynamic relaxation in frit-inlet field-flow fractionation channels 805(1998)149
- Vázquez, B.I., see Franco, C.M. 815(1998)21
- Végvári, Á., see Kilár, F. 813(1998)349
- Végvári, Á., see Maruška, A. 837(1999)25
- Veide, A., see Svensson, M. 839(1999)71
- Veiderma, M., see Koel, M. 819(1998)75
- Vejrosta, J., see Janda, V. 823(1998)523
- Vékey, K., see Kósa, Á. 819(1998)297
- Velásquez, H., see Morales, J.A. 804(1998)289
- Velayudhan, A., see Ramanan, S. 830(1999)91
- Velghe, G., see Roets, E. 812(1998)303
- Velthorst, N.H., see de Beer, T. 811(1998)35
- Velthorst, N.H., see Kok, S.J. 806(1998)355
- Velthorst, N.H., see Somsen, G.W. 811(1998)1
- Venema, E., Kraak, J.C., Poppe, H. and Tijssen, R. Pore flow effects in electrically driven size-exclusion chromatography 837(1999)3
- Venter, A., Rohwer, E.R. and Laubscher, A.E. Analysis of alkane, alkene, aromatic and oxygenated

- groups in petrochemical mixtures by supercritical fluid chromatography on silica gel 847(1999)309
- Ventura, F., see Cancho, B. 841(1999)197
- Verbruggen, E.M.J., Klammer, H.(J.).C., Villerius, L., Brinkman, U.A.Th. and Hermens, J.L.M. Gradient elution reversed-phase high-performance liquid chromatography for fractionation of complex mixtures of organic micropollutants according to hydrophobicity using isocratic retention parameters 835(1999)19
- Verdejo, T., see Bautista, J.M. 845(1999)365
- Vergin, H., see Metz, R. 810(1998)63
- Vergori, L., see Di Muccio, A. 833(1999)19
- Vergori, L., see Di Muccio, A. 833(1999)61
- Verheggen, Th.P.E.M., see Beckers, J.L. 838(1999)149
- Verheggen, Th.P.E.M., see Reijenga, J.C. 838(1999)111
- Verleyen, K., Sabah, S., Scriba, G., Chen, A. and Sandra, P. Evaluation of the enantioselective possibilities of sulfated cyclodextrins for the separation of aspartyl di- and tripeptides in capillary electrophoresis 824(1998)91
- Verma, R.K., see Srivastava, S. 841(1999)123
- Verma, S.S., see Liu, C. 835(1999)93
- Verotta, L., Peterlongo, F., Elisabetsky, E., Amador, T.A. and Nunes, D.S. High-performance liquid chromatography-diode array detection-tandem mass spectrometry analyses of the alkaloid extracts of Amazon *Psychotria* species 841(1999)165
- Verpoorte, R., see Theodoridis, G. 802(1998)297
- Vessman, J., see Gyllenhaal, O. 839(1999)141
- Vessman, J., see Svensson, S. 839(1999)23
- Vetter, W., Kloes, U., Luckas, B. and Hottinger, G. Use of 6-O-*tert*-butyldimethylsilylated β -cyclodextrins for the enantioseparation of chiral organochlorine compounds 846(1999)375
- Veuthey, J.-L., see Mateus, L. 829(1998)317
- Veuthey, J.L., see Rudaz, S. 846(1999)227
- Vezzani, S., Bertocchi, A., Moretti, P. and Castello, G. Prediction of the gas chromatographic retention values of chlorobenzenes on different stationary phases by using structure-retention correlations 803(1998)211
- Vezzani, S., Castello, G. and Pierani, D. Measurement and prediction of dead times and column diameter in capillary gas chromatography by using air, methane and some solvents 811(1998)85
- Vezzani, S., see Castello, G. 837(1999)153
- Vezzani, S., Pierani, D., Moretti, P. and Castello, G. Automatic prediction of retention times in programmed-pressure isothermal gas chromatography 848(1999)229
- Vial, J., Jardy, A., Anger, P., Brun, A. and Menet, J.-M. Methodology for transfer of liquid chromatography methods based on statistical considerations 815(1998)173
- Viana Fresquet, E., see Di Muccio, A. 833(1999)19
- Viaroli, P., see Careri, M. 848(1999)327
- Vicente, C., see Legaz, M.E. 823(1998)511
- Vidal, M., see Rigol, A. 807(1998)275
- Vidal-Madjar, C., see Sternberg, R. 846(1999)307
- Vidavsky, I., see Reepmeyer, J.C. 828(1998)239
- Videmann, B., see Jaussaud, P. 815(1998)147
- Vieskar, R., see Reubsaat, J.L.E. 841(1999)147
- Vigh, E., see Felinger, A. 839(1999)129
- Vigh, Gy., see Cai, H. 827(1998)121
- Vigh, Gy., see Quirino, J.P. 838(1999)3
- Vigh, Gy., see Vincent, J.B. 816(1998)233
- Vigh, Gy., see Vincent, J.B. 817(1998)105
- Vigh, Gy., see Williams, R.L. 814(1998)199
- Vigié, A., see Jaussaud, P. 815(1998)147
- Viglio, S., Luisetti, M., Zanaboni, G., Döring, G., Worlitzsch, D., Cetta, G. and Iadarola, P. Simultaneous determination of *Pseudomonas aeruginosa* elastase, human leukocyte elastase and cathepsin G activities by micellar electrokinetic chromatography 846(1999)125
- Vignaud, M., see Lacassie, E. 805(1998)319
- Vignaud, M., see Lacassie, E. 830(1999)135
- Vijayalakshmi, M.A., see Pirlat, A.-S. 826(1998)157
- Vijayalakshmi, M.A., see Boulis, Y. 805(1998)285
- Vijayalakshmi, M.A., see Pirlat, A.-S. 841(1999)1
- Vilanó, M., Padró, A., Rubio, R. and Rauret, G. Organic and inorganic selenium speciation using high-performance liquid chromatography with UV irradiation and hydride generation-quartz cell atomic absorption spectrometric detection 819(1998)211
- Vilanova, R., see Carrera, G. 823(1998)189
- Vilanova, R., see Chaler, R. 823(1998)73
- Vilaplana, J., see Marín, M.L. 819(1998)289
- Vilas Boas, L., see Simplício, A.L. 833(1999)35
- Vilchez, J.L., see Casado, A.G. 826(1998)49
- Vilegas, W., see Cardoso, C.A.L. 808(1998)264
- Villanueva-Camaño, R.M., see Cuenca-Benito, M. 814(1998)121
- Villanueva-Camaño, R.M., see Escuder-Gilabert, L. 823(1998)549
- Villeneuve, M.S. and Anderegg, R.J. Analytical supercritical fluid chromatography using fully automated column and modifier selection valves for the rapid development of chiral separations 826(1998)217
- Villerius, L., see Verbruggen, E.M.J. 835(1999)19
- Vincent, J.B., see Quirino, J.P. 838(1999)3
- Vincent, J.B. and Vigh, Gy. Nonaqueous capillary electrophoretic separation of enantiomers using the single-isomer heptakis(2,3-diacetyl-6-sulfato)- β -cyclodextrin as chiral resolving agent 816(1998)233
- Vincent, J.B. and Vigh, Gy. Systematic approach to methods development for the capillary electrophoretic analysis of a minor enantiomer using a single-isomer sulfated cyclodextrin. A case study of L-carbidopa analysis 817(1998)105
- Viovy, J.-L., see Heller, C. 806(1998)113
- Viovy, J.-L., see Popelka, Š. 838(1999)45
- Visconti, A. and Pascale, M. Determination of zearalenone in corn by means of immunoaffinity clean-up and high-performance liquid chromatography with fluorescence detection 815(1998)133
- Visconti, A., see Solfrizzo, M. 815(1998)67
- Visser, S., see Recio, I. 831(1999)197
- Vitamvásová, D., see Klejdus, B. 839(1999)261
- Vitányi, G., see Mester, Z. 832(1999)183
- Vladimirov, S., see Markovic, G. 847(1999)365
- Vodopivec, M., see Josić, D. 803(1998)61

- Voelter, W., Schütz, J., Tsitsiloni, O.E., Weiler, A., Grubler, G., Paulus, G., Stoeva, S. and Lehmann, R.
Capillary electrophoresis in biochemical and clinical laboratories. Selected attractive examples 807(1998)135
- Vogelee, P., see De Smet, R. 847(1999)141
- Vogler, B., see Renukappa, T. 847(1999)109
- Voihsel, M., see Bauer, K.-H. 837(1999)117
- Voilley, A., see Ratsimba, V. 844(1999)283
- Völkel, W., see Pähler, A. 847(1999)25
- Völkel, W., Pähler, A. and Dekant, W.
Gas chromatography–negative ion chemical ionization mass spectrometry as a powerful tool for the detection of mercapturic acids and DNA and protein adducts as biomarkers of exposure to halogenated olefins 847(1999)35
- Von Doebern, N., see Bidlingmaier, B. 832(1999)11
- Von Gunten, U., see Nowack, B. 849(1999)209
- Von Hunolstein, C., see Parisi, L. 847(1999)209
- Von Löw, E., see Less, M. 810(1998)173
- Von Löw, E., see Schmidt, T.C. 810(1998)161
- Vonach, R., Lendl, B. and Kellner, R.
High-performance liquid chromatography with real-time Fourier-transform infrared detection for the determination of carbohydrates, alcohols and organic acids in wines 824(1998)159
- Vrchlabský, M., see Revilla, A.L. 836(1999)67
- Vreeken, R.J., see Mol, H.G.J. 833(1999)53
- Vreuls, J.J., see Louter, A.J.H. 842(1999)391
- Vreuls, R.J.J., see Adahchour, M. 844(1999)295
- Vreuls, R.J.J., see Dalluge, J. 830(1999)377
- Vreuls, R.J.J., see Hankemeier, T. 811(1998)105
- Vreuls, R.J.J., see Hankemeier, T. 811(1998)117
- Vreuls, R.J.J., see Hankemeier, T. 841(1999)75
- Vunnum, S., Natarajan, V. and Cramer, S.
Immobilized metal affinity chromatography. Self-sharpening of protein–modulator interfaces in frontal chromatography 818(1998)31
- W**
- Wada, T., see Sudo, Y. 813(1998)239
- Wadgaonkar, P.P., see Naikwadi, K.P. 811(1998)97
- Waeghe, T.J., see Dolan, J.W. 803(1998)1
- Waffo-Téguo, P., see Carando, S. 849(1999)617
- Wagner, H.P., Pepich, B.V., Hautman, D.P. and Munch, D.J.
Analysis of 500-nmol/l levels of bromate in drinking water by direct-injection suppressed ion chromatography coupled with a single, pneumatically delivered post-column reagent 850(1999)119
- Wagner, J., see Raith, K. 802(1998)185
- Wahl, H.G., Hoffmann, A., Häring, H.-U. and Liebich, H.M.
Identification of plasticizers in medical products by a combined direct thermodesorption–cooled injection system and gas chromatography–mass spectrometry 847(1999)1
- Wahl, H.G., Hoffmann, A., Luft, D. and Liebich, H.M.
Analysis of volatile organic compounds in human urine by headspace gas chromatography–mass spectrometry with a multipurpose sampler 847(1999)117
- Wahl, K.L., see Sharma, A.K. 805(1998)101
- Wahlström, H., see Staby, A. 827(1998)311
- Wahlund, K.-G., see Mu, H. 849(1999)285
- Wahlund, K.-G., see Petersson, M. 841(1999)249
- Waigh, R.D., see Hamdan, I.I. 806(1998)165
- Wainer, I.W., see Andrisano, V. 803(1998)189
- Wainer, I.W., see Pasterny (Di Marco), M. 828(1998)135
- Wajcman, H., see Saccomani, A. 832(1999)225
- Wakabayashi, K., see Watanabe, T. 839(1999)41
- Wakarchuk, W.W., see Li, J. 817(1998)325
- Wakida, S.-I., see Fukushi, K. 802(1998)211
- Wakida, S.-I., see Fukushi, K. 834(1999)349
- Wakida, S.-I., see Fukushi, K. 838(1999)303
- Wakida, S.-I., see Takeda, S. 817(1998)59
- Wakselman, M., see Török, G. 846(1999)83
- Walker III, P.A. and Morris, M.D.
Capillary isotachophoresis with fiber-optic Raman spectroscopic detection. Performance and application to ribonucleotides 805(1998)269
- Walker, R.B., see Kanfer, I. 812(1998)255
- Walter, T.H., see Neue, U.D. 849(1999)87
- Walter, T.H., see Neue, U.D. 849(1999)101
- Walters, R.R. and Buist, S.C.
Improved enantioselective method for the determination of the enantiomers of reboxetine in plasma by solid-phase extraction, chiral derivatization, and column-switching high-performance liquid chromatography with fluorescence detection 828(1998)167
- Walters, R.R., see Buist, S.C. 828(1998)259
- Walton, S.J., see Saeed, M. 836(1999)15
- Wampler, T.P.
Introduction to pyrolysis–capillary gas chromatography (Review) 842(1999)207
- Wang, A., Tan, L.C. and Carr, P.W.
Global linear solvation energy relationships for retention prediction in reversed-phase liquid chromatography 848(1999)21
- Wang, C.-Yu., Huang, H.-Ya., Kuo, K.-L. and Hsieh, Y.-Z.
Analysis of *Puerariae radix* and its medicinal preparations by capillary electrophoresis 802(1998)225
- Wang, F. and Khaledi, M.G.
Nonaqueous capillary electrophoresis chiral separations with quaternary ammonium β-cyclodextrin 817(1998)121
- Wang, F.C.-Y.
Polymer analysis by pyrolysis gas chromatography (Review) 843(1999)413
- Wang, F.C.-Yu. and Burleson, A.D.
The development of pyrolysis–fast gas chromatography for analysis of synthetic polymers 833(1999)111

- Wang, H. and Callahan, P.M.
Adsorption studies of azo dyes as resonance Raman spectroscopic probes at solid–liquid interfaces 828(1998)121
- Wang, J., see Hocart, C.H. 811(1998)246
- Wang, J.H., Xu, Q. and Jiao, K.
Supercritical fluid extraction and off-line clean-up for the analysis of organochlorine pesticide residues in garlic 818(1998)138
- Wang, J.-L., Chang, C.-J., Chang, W.-D., Chew, C. and Chen, S.-W.
Construction and evaluation of automated gas chromatography for the measurement of anthropogenic halocarbons in the atmosphere 844(1999)259
- Wang, K. and Glaze, W.H.
High-performance liquid chromatography with postcolumn derivatization for simultaneous determination of organic peroxides and hydrogen peroxide 822(1998)207
- Wang, K.-Y., see Che, F.-Y. 849(1999)599
- Wang, P. and Giese, R.W.
Phosphate-specific fluorescence labeling with BO-IMI: reaction details 809(1998)211
- Wang, P., Li, S.F.Y. and Lee, H.K.
Determination of glycyrrhetic acid and 18- β -glycyrrhetic acid in biological fluids by micellar electrokinetic chromatography 811(1998)219
- Wang, P., see Lin, L. 815(1998)3
- Wang, Q., Luo, G., Ou, J. and Yeung, W.S.B.
Noncompetitive immunoassays using protein G affinity capillary chromatography and capillary electrophoresis with laser-induced fluorescence detection 848(1999)139
- Wang, S. and Porter, M.D.
Enantiomeric separations of benzodiazepines by electrochemically modulated liquid chromatography 828(1998)157
- Wang, S.-C., see de Carmejane, O. 849(1999)267
- Wang, T. and Li, S.F.Y.
Separation of synthetic inorganic polymers of condensed phosphates by capillary gel electrophoresis with indirect photometric detection 802(1998)159
- Wang, T. and Li, S.F.Y.
Separation of inorganic phosphorus-containing anions by capillary electrophoresis 834(1999)233
- Wang, T.-Z., see Lin, C.-E. 835(1999)197
- Wang, T.-Z., see Lin, C.-E. 837(1999)241
- Wang, W., see Balland, A. 846(1999)143
- Wang, Y. and Dubin, P.L.
Protein binding on polyelectrolyte-treated glass. Effect of structure of adsorbed polyelectrolyte 808(1998)61
- Wang, Y., see Ells, B. 835(1999)3
- Wang, Y. and Lee, H.K.
Determination of chlorobenzenes in water by solid-phase extraction and gas chromatography–mass spectrometry 803(1998)219
- Wang, Y., see Lin, L. 815(1998)3
- Wang, Z., Bian, N., Qian, X. and Giese, R.W.
N-Hydroxysuccinimide ester labeling 5'-aminoalkyl DNA oligomers: reaction conditions and purification 806(1998)93
- Wang, Z., Fingas, M., Blenkinsopp, S., Sergy, G., Landriault, M., Sigouin, L., Foght, J., Semple, K. and Westlake, D.W.S.
Comparison of oil composition changes due to biodegradation and physical weathering in different oils 809(1998)89
- Wang, Z., Fingas, M. and Page, D.S.
Oil spill identification (Review) 843(1999)369
- Wang, Z., see Zhang, H. 809(1998)65
- Warner, I.M., see Haynes, III, J.L. 803(1998)261
- Warner, I.M., see Shamsi, S.A. 835(1999)159
- Wartell, R.M., Hosseini, S., Powell, S. and Zhu, J.
Detecting single base substitutions, mismatches and bulges in DNA by temperature gradient gel electrophoresis and related methods 806(1998)169
- Wasberg, M., see Merilioto, J. 810(1998)226
- Wasiak, W., see Rykowska, I. 844(1999)239
- Wasternack, C., see Kramell, R. 847(1999)103
- Watanabe, K., see Fukushi, K. 802(1998)211
- Watanabe, K., see Kaiser, E. 850(1999)167
- Watanabe, M., see Iinuma, F. 835(1999)67
- Watanabe, N., see Morita, M. 837(1999)17
- Watanabe, T., Ishida, S., Kishiji, M., Takahashi, Y., Furuta, A., Kasai, T., Wakabayashi, K. and Hirayama, T.
High-performance liquid chromatography–fluorescence determination of dinitropyrenes in soil after column chromatographic clean-up and on-line reduction 839(1999)41
- Watanabe, T., see Tahara, S.-I. 848(1999)465
- Watanabe, T., Yamamoto, A., Nagai, S. and Terabe, S.
Simultaneous analysis of tyrosol, tryptophol and ferulic acid in commercial sake samples by micellar electrokinetic chromatography 825(1998)102
- Waterworth, J.P. and Skinner, L.R.
Use of ion chromatography as an alternative method for the analysis of calcium in calcium mupirocin 804(1998)211
- Watkins, L.K., Bondarenko, P.V., Barbacci, D.C., Song, S., Cockrill, S.L., Russell, D.H. and Macfarlane, R.D.
Fast C₁₈ solid-phase desalting/delipidation of the human serum apolipoproteins for matrix-assisted laser desorption ionization and electrospray ionization mass spectrometric analysis 840(1999)183
- Watson, A., see Wu, J. 817(1998)163
- Wätzig, H. and Degenhardt, M.
Characterisation of buserelin acetate by capillary electrophoresis 817(1998)239
- Wätzig, H., see Degenhardt, M. 817(1998)297
- Webb, K.S., see Bogusz, M.J. 844(1999)409
- Weber, K., see Stadler, M. 818(1998)187
- Wehling, R.L., see Osseyi, E.S. 826(1998)235
- Wei, G.-T. and Liu, F.-K.
Separation of nanometer gold particles by size exclusion chromatography 836(1999)253
- Wei, L.C., see Howe, J.A. 841(1999)155
- Wei, W., Luo, G.A., Hua, G.Y. and Yan, C.
Capillary electrochromatographic separation of basic compounds with bare silica as stationary phase 817(1998)65
- Weiler, A., see Voelter, W. 807(1998)135

- Weinberg, H.S., Yamada, H. and Joyce, R.J.
New, sensitive and selective method for determining sub-
µg/l levels of bromate in drinking water 804(1998)137
- Weiss, G.H., see Radko, S.P. 817(1998)253
- Weiss, M., see Riechel, P. 817(1998)187
- Weiss, T., see Riechel, P. 817(1998)187
- Weitzhandler, M., Farnan, D., Horvath, J., Rohrer, J.S.,
Slingsby, R.W., Avdalovic, N. and Pohl, C.
Protein variant separations by cation-exchange
chromatography on tentacle-type polymeric stationary
phases 828(1998)365
- Welinder, B.S., see Jørgensen, T.K. 817(1998)205
- Wellenhofer, M., see Kees, F. 812(1998)287
- Welling, G.W., see Welling-Wester, S. 816(1998)29
- Welling-Wester, S., Feijlbrief, M., Koedijk, D.G.A.M. and
Welling, G.W.
Detergent extraction of herpes simplex virus type 1
glycoprotein D by zwitterionic and non-ionic detergents
and purification by ion-exchange high-performance liquid
chromatography 816(1998)29
- Wells, R.J.
Recent advances in non-silylation derivatization techniques
for gas chromatography (Review) 843(1999)1
- Weliak, M., see Buszewski, B. 845(1999)433
- Welsch, T., see Köhne, A.P. 845(1999)463
- Welsch, T., see Mayr, G. 845(1999)155
- Wen, J., Cassidy, R.M. and Baranski, A.S.
Experimental factors in pulsed electrochemical detection in
capillary electrophoresis 811(1998)181
- Wen, K.-C., see Ku, Y.-R. 805(1998)301
- Wen, K.-C., see Ku, Y.-R. 805(1998)330
- Wen, K.-C., see Ku, Y.-R. 848(1999)537
- Wen, K.-C., see Lin, M.-C. 830(1999)387
- Wendel, A.-K., see Kronkvist, K. 823(1998)401
- Wennrich, R., see Elizalde-González, M.P. 828(1998)439
- Wentworth, W.E., see Chen, E.C.M. 811(1998)250
- Wentworth, W.E., see Chen, E.C.M. 827(1998)91
- Wentworth, W.E., Huang, J., Sun, K., Zhang, Y., Rao, L., Cai,
H. and Stearns, S.D.
Non-radioactive electron-capture detector (Review)
842(1999)229
- Werner, G., see Kummer, M. 825(1998)107
- Wesén, C., see Mu, H. 849(1999)285
- Westerlund, D., see Thorsteinsdóttir, M. 809(1998)191
- Westerlund, D., see Thorsteinsdóttir, M. 831(1999)293
- Westlake, D.W.S., see Wang, Z. 809(1998)89
- Weyant, C.M., see Kelly, R.G. 834(1999)433
- Wheatley, J.B. and Schmidt Jr, D.E.
Salt-induced immobilization of affinity ligands onto
epoxide-activated supports 849(1999)1
- White, T.L., see Hsu, C.-I. W. 828(1998)461
- Whitney, D., McCoy, M., Gordon, N. and Afeyan, N.
Characterization of large-pore polymeric supports for use in
perfusion biochromatography 807(1998)165
- Wielandt, W., Ellwanger, A., Albert, K. and Lindner, E.
n-Alkyl fluorenyl phases in chromatography. I. Synthesis
and characterization 805(1998)71
- Wieprecht, T., see Krause, E. 849(1999)125
- Wierzbowska, M., see Zarzycki, P.K. 839(1999)149
- Wiese, M., see Mrestani, Y. 803(1998)273
- Wiest, J.R., see Hornish, R.E. 812(1998)123
- Wikberg, T., see Lehtonen, P. 836(1999)173
- Wikström, H., see Selditz, U. 803(1998)169
- Wilhelm, A.M., see Strzelczyk, F. 822(1998)326
- Wilhelm, M., see Feurle, J. 803(1998)111
- Wilkins, C.L., see Sasaki, T.A. 842(1999)341
- Wilkins, J.P.G., see Jones, A.D. 822(1998)147
- Wilkins, K., see Clausen, P.A. 814(1998)161
- Willem, E., see Lutermann, C. 816(1998)201
- Williams, K.L., see Lim, S. 827(1998)329
- Williams, K.L., see Yan, J.X. 808(1998)23
- Williams, K.L., see Yan, J.X. 813(1998)187
- Williams, P.S., see Vauthier, J.-C. 805(1998)149
- Williams, R.C., Miyawa, J.H., Boucher, R.J. and Brockson,
R.W.
Optimization and validation of chiral high-performance
liquid chromatographic method for analysis of a fibrinogen
(gpIIb/IIIa) receptor antagonist 844(1999)171
- Williams, R.L., Childs, B., Dose, E.V., Guiochon, G. and Vigh,
Gy.
Use of quasi-equimolar, closely-spaced, poly-co-ion
background electrolytes in capillary electrophoresis for the
reduction of electromigration dispersion over a wide
mobility range 814(1998)199
- Willoughby, N.A., Kirschner, T., Smith, M.P., Hjorth, R. and
Titchener-Hooker, N.J.
Immobilised metal ion affinity chromatography purification
of alcohol dehydrogenase from baker's yeast using an
expanded bed adsorption system 840(1999)195
- Willson, R.C., see Singh, N. 840(1999)205
- Wilson, I.D., see Howard, A.G. 844(1999)333
- Wilson, I.D., see Shafik, T. 841(1999)127
- Wilson, M., see Zhang, D. 813(1998)247
- Wilson, W.H., see Blumberg, L.M. 842(1999)15
- Windal, I., Eppe, G., Gridelet, A.I. and De Pauw, E.
Supercritical fluid extraction of polychlorinated dibenz-p-
dioxins from fly ash: the importance of fly ash origin and
composition on extraction efficiency 819(1998)187
- Wintersteiger, R., Goger, B. and Krautgartner, H.
Quantitation of chlorophenoxy acid herbicides by high-
performance liquid chromatography with coulometric
detection 846(1999)349
- Winzor, D.J.
Biphasic thermodynamic characterization of interactions by
quantitative affinity chromatography and biosensor
technology 803(1998)291
- Winzor, D.J., see Hall, D.R. 844(1999)395
- Wirth, M.J., see Fairbank, R.W.P. 830(1999)285
- Wise, S.A., see Mössner, S.G. 841(1999)207
- Wise, S.A., see Schantz, M.M. 816(1998)213
- Wissiack, R., see Rosenberg, E. 819(1998)277
- Wistuba, D., Czesla, H., Roeder, M. and Schurig, V.
Enantiomer separation by pressure-supported
electrochromatography using capillaries packed with a
permethyl- β -cyclodextrin stationary phase 815(1998)183
- Wohlfarth, M., see Rückert, M. 840(1999)131
- Wojciech, E., see Isidorov, V.A. 814(1998)253
- Wojtowicz, H., see Dixon, D.W. 802(1998)367
- Wolf, R., see Raith, K. 802(1998)185
- Wolk, B., see Iyer, H. 832(1999)1

- Wolkoff, P., see Clausen, P.A. 814(1998)161
 Wolnik, K.A., see Kaine, L.A. 804(1998)279
 Wolthers, B.G. and Kraan, G.P.B.
 Clinical applications of gas chromatography and gas chromatography-mass spectrometry of steroids (Review)
 843(1999)247
 Woodbury, S.E., Evershed, R.P. and Rossell, J.B.
 $\delta^{13}\text{C}$ analyses of vegetable oil fatty acid components,
 determined by gas chromatography-combustion-isotope
 ratio mass spectrometry, after saponification or regiospecific
 hydrolysis 805(1998)249
 Woodruff, C.L., see Lin, J.-T. 824(1998)169
 Woodward, M., see Greatly, B.R. 810(1998)119
 Woolf, E.J. and Matuszewski, B.K.
 Simultaneous determination of omeprazole and 5'-
 hydroxyomeprazole in human plasma by liquid
 chromatography-tandem mass spectrometry 828(1998)229
 Worlitzsch, D., see Viglio, S. 846(1999)125
 Wren, S.A.C., see McKillop, A.G. 805(1998)327
 Wright, L., see Antonucci, V. 840(1999)215
 Wu, A.-C., see Sun, S.-W. 814(1998)223
 Wu, C., see Du, Q. 835(1999)231
 Wu, C., see Lee, D.-S. 822(1998)1
 Wu, C., Siems, W.F., Hill, Jr., H.H. and Hannan, R.M.
 Analytical determination of nicotine in tobacco by
 supercritical fluid chromatography-ion mobility detection
 811(1998)157
 Wu, C.-Y., see Zhang, L.-F. 840(1999)225
 Wu, H.-K., Chuang, W.-C. and Sheu, S.-J.
 Separation of nine iridoids by capillary electrophoresis and
 high-performance liquid chromatography 803(1998)179
 Wu, H.-L., Huang, C.-H., Chen, S.-H. and Wu, S.-M.
 Micellar electrokinetic chromatography of scopolamine-
 related anticholinergics 802(1998)107
 Wu, H.-L., see Wu, S.-M. 846(1999)239
 Wu, J., Li, S.-C. and Watson, A.
 Optimizing separation conditions for proteins and peptides
 using imaged capillary isoelectric focusing 817(1998)163
 Wu, P., see Du, Q. 835(1999)231
 Wu, P., see McGuffin, V.L. 828(1998)37
 Wu, S.-L., see Apffel, A. 832(1999)149
 Wu, S.-M., Ko, W.-K., Wu, H.-L. and Chen, S.-H.
 Trace analysis of haloperidol and its chiral metabolite in
 plasma by capillary electrophoresis 846(1999)239
 Wu, S.-M., see Wu, H.-L. 802(1998)107
 Wu, T., see Lue, S.J. 804(1998)273
 Wu, Y., Krocka, M. and Li, T.
 Noncovalent linking of a chiral selector to unmodified
 silica gel through amine functional groups 822(1998)11
 Wu, Y.-C. and Huang, S.-D.
 Determination of hydroxyaromatic compounds in water by
 solid-phase microextraction coupled to high-performance
 liquid chromatography 835(1999)127
 Wu, Z.
 Retention simulation in gas chromatography 840(1999)137
 Wu, Z. and Tong, W.G.
 Absorbance detection of amino acids by laser wave mixing
 in microbore liquid chromatography 805(1998)63
 Wyttenbach, N., see Rissler, K. 822(1998)189

X

- Xia, Q.-C., see Che, F.-Y. 849(1999)599
 Xiang, Y., see Zhao, Y. 849(1999)277
 Xiao, S., see Ding, M. 849(1999)637
 Xie, M., see Yang, X. 813(1998)201
 Xin, B., see Tang, Q. 837(1999)35
 Xing, Z., see Chen, P. 839(1999)239
 Xiong, X. and Li, S.F.Y.
 Selection and optimization of background electrolytes for
 simultaneous detection of small cations and organic acids
 by capillary electrophoresis with indirect photometry
 822(1998)125
 Xiong, X. and Li, S.F.Y.
 Design of background electrolytes for indirect photometric
 detections based on a model of sample zone absorption in
 capillary electrophoresis 835(1999)169
 Xu, G., see Zhao, R. 828(1998)489
 Xu, Q., see Wang, J.H. 818(1998)138
 Xu, W. and Regnier, F.E.
 Protein-protein interactions on weak-cation-exchange
 sorbent surfaces during chromatographic separations
 828(1998)357
 Xu, X., de Bruyn, P.C.A.M., de Koeijer, J.A. and Logtenberg,
 H.
 Low-molecular-mass anion screening for forensic
 environmental analyses by capillary zone electrophoresis
 with indirect UV detection 830(1999)439
 Xu, X. and Hurtubise, R.J.
 Influence of organic solvents in the capillary zone
 electrophoresis of polycyclic aromatic hydrocarbon
 metabolites 829(1998)289

Y

- Yabusako, Y., see Taga, A. 837(1999)221
 Yachida, Y., Tsuchihashi, K., Gasa, S., Kashiwagi, M., Daino,
 T., Mikami, T. and Akino, T.
 New blocking method for the hydroxyl group on
 carbohydrate. Determination of the O-acylated position of
 the modified glycolipid 813(1998)325
 Yago, K., see Shimada, K. 847(1999)171

- Yaku, K., Aoe, K., Nishimura, N. and Morishita, F.
Thermodynamic study and separation mechanism of diltiazem optical isomers in packed-column supercritical fluid chromatography 848(1999)337
- Yamada, H., see Weinberg, H.S. 804(1998)137
- Yamada, M., see Lin, J.-M. 844(1999)341
- Yamada, S., see Oka, H. 813(1998)71
- Yamada, T., see Kubota, H. 803(1998)315
- Yamada, Y., see Ikuta, N. 838(1999)19
- Yamaguchi, T., see Sudo, Y. 813(1998)35
- Yamamoto, A., Inoue, Y., Kodama, S. and Matsunaga, A.
Capacity gradient anion chromatography with a borate complex as eluent 850(1999)73
- Yamamoto, A., see Kodama, S. 811(1998)269
- Yamamoto, A., Ohmi, H., Matsunaga, A., Ando, K., Hayakawa, K. and Nishimura, M.
Selective determination of D-sorbitol and D-mannitol in foodstuffs by ion chromatography with polarized photometric detection 804(1998)305
- Yamamoto, A., see Watanabe, T. 825(1998)102
- Yamamoto, H., see Toyoda, H. 830(1999)197
- Yamamoto, N., Okayasu, H., Hiraiwa, T., Murayama, S., Maeda, T., Morita, M. and Suzuki, K.
Continuous determination of volatile organic compounds in the atmosphere by an automated gas chromatographic system 819(1998)177
- Yamamoto, Y., see Okamoto, M. 845(1999)409
- Yamane, M., see Fukushi, K. 802(1998)211
- Yamane, M., see Fukushi, K. 838(1999)303
- Yamane, M., see Takeda, S. 817(1998)59
- Yamasaki, A., see Shinbo, T. 803(1998)95
- Yamasaki, M., see Suzuki, T. 815(1998)155
- Yamasaki, Y., see Sato, K. 811(1998)69
- Yamashita, J., see Masuda, T. 845(1999)401
- Yamauchi, Y., see Horie, H. 817(1998)139
- Yamauchi, Y., see Nakakuki, H. 848(1999)523
- Yan, C., see Guo, W. 849(1999)587
- Yan, C., see Wei, W. 817(1998)65
- Yan, J., see Deng, B. 803(1998)321
- Yan, J.X., Kett, W.C., Herbert, B.R., Gooley, A.A., Packer, N.H. and Williams, K.L.
Identification and quantitation of cysteine in proteins separated by gel electrophoresis 813(1998)187
- Yan, J.X., Packer, N.H., Gooley, A.A. and Williams, K.L.
Protein phosphorylation: technologies for the identification of phosphoamino acids (Review) 808(1998)23
- Yan, X.
Detection by ozone-induced chemiluminescence in chromatography (Review) 842(1999)267
- Yang, C., see Antonucci, V. 840(1999)215
- Yang, F., Quan, J., Zhang, T.Y. and Ito, Y.
Multidimensional counter-current chromatographic system and its application 803(1998)298
- Yang, F., Quan, J., Zhang, T. and Ito, Y.
Preparative separation of alkaloids from the root of *Sophora flavescens* Ait by pH-zone-refining counter-current chromatography 822(1998)316
- Yang, F., Zhang, T., Zhang, R. and Ito, Y.
Application of analytical and preparative high-speed counter-current chromatography for separation of alkaloids from *Coptis chinensis* Franch 829(1998)137
- Yang, G., see Zhang, L. 816(1998)131
- Yang, G., see Zhang, L. 839(1999)49
- Yang, H., see Ding, M. 849(1999)637
- Yang, J., Long, H., Liu, H., Huang, A. and Sun, Y.
Analysis of tetrandrine and fangchinoline in traditional Chinese medicines by capillary electrophoresis 811(1998)274
- Yang, M. and Tomellini, S.A.
Indirect fluorescence detection of aliphatic biogenic polyamines and diamines following chromatographic separation 841(1999)9
- Yang, X., Liu, K. and Xie, M.
Purification of taxol by industrial preparative liquid chromatography 813(1998)201
- Yang, Y., Belghazi, M., Lagadec, A., Miller, D.J. and Hawthorne, S.B.
Elution of organic solutes from different polarity sorbents using subcritical water 810(1998)149
- Yang, Y., Kang, J., Lu, H., Ou, Q. and Liu, F.
Determination of trace level anions in snow samples by capillary electrophoresis with sample stacking 834(1999)387
- Yang, Y., Liu, F., Kang, J. and Ou, Q.
Improved selectivity of anions with methanol as additive.
Determination of Cl⁻, NO₃⁻ and SO₄²⁻ in river water by capillary electrophoresis 834(1999)393
- Yang, Y.-T., see Kang, J.-W. 825(1998)81
- Yasaka, Y., Ono, Y. and Tanaka, M.
(S)-(+)-1-Methyl-2-(6,7-dimethoxy-2,3-naphthalimido)-ethyl trifluoromethanesulfonate as a fluorescence chiral derivatizing reagent for carboxylic acid enantiomers in high-performance liquid chromatography 810(1998)221
- Yassaa, N., Meklati, B.Y. and Cecinato, A.
Analysis of volatile organic compounds in the ambient air of Algiers by gas chromatography with a β-cyclodextrin capillary column 846(1999)287
- Yasuda, N., see Antonucci, V. 840(1999)215
- Yasumoto, T., see Draisci, R. 847(1999)213
- Yasumoto, T., see James, K.J. 844(1999)53
- Ye, C., see Gong, A. 827(1998)57
- Ye, Q., see Gao, V.C.X. 828(1998)141
- Yeh, Y.-C., see Lee, M.-R. 806(1998)317
- Yeung, E.S.
Study of single cells by using capillary electrophoresis and native fluorescence detection 830(1999)243
- Yeung, E.S., see Fung, E.N. 806(1998)157
- Yeung, E.S., see Ho, A.M. 817(1998)377
- Yeung, K.K.-C. and Lucy, C.A.
Improved resolution of inorganic anions in capillary electrophoresis by modification of the reversed electroosmotic flow and the anion mobility with mixed surfactants 804(1998)319
- Yeung, W.S.B., see Wang, Q. 848(1999)139
- Yin, H., see Appfel, A. 832(1999)149
- Yoneno, T., see Sakuragawa, A. 844(1999)403

- Yoshida, T.
Calculation of peptide retention coefficients in normal-phase liquid chromatography 808(1998)105
- Yoshida, T.
Prediction of peptide retention time in normal-phase liquid chromatography 811(1998)61
- Yoshida, T., see Horie, M. 812(1998)295
- Yoshida, T. and Okada, T.
Peptide separation in normal-phase liquid chromatography.
Study of selectivity and mobile phase effects on various columns 840(1999)1
- Yoshida, T. and Okada, T.
Prediction of peptide retention times in normal-phase liquid chromatography with only a single gradient run 841(1999)19
- Yoshikawa, K., see Hayakawa, K. 846(1999)73
- Yoshimura, K., see Esaka, Y. 822(1998)107
- Yoshimura, T., see Ono, S. 815(1998)197
- Yoshioka, M., see Elisabeth, P. 806(1998)199
- Yoshioka, M., see Isumi, Y. 806(1998)231
- Yoshizako, K., see Hosoya, K. 828(1998)91
- Yotsuyanagi, T., see Krokhin, O.V. 850(1999)269
- You, J., Lao, W., Ou, Q. and Sun, X.
Fluorescence properties of carbazole-*N*-(2-methyl)acetyl chloride and determination of amino compounds via high-performance liquid chromatography with pre-column fluorescence derivatization 848(1999)117
- You, J.-M., see Kang, J.-W. 825(1998)81
- Yritia, M., Parra, P., Fernández, J.M. and Barbanoj, J.M.
Piroxicam quantitation in human plasma by high-performance liquid chromatography with on- and off-line solid-phase extraction 846(1999)199
- Yu, T., see Tsai, Y.-L. 835(1999)237
- Yuan, J., see Kelly, R.G. 834(1999)433
- Yuan, J., see Lewis, K.S. 850(1999)375
- Yuan, Q.S., Rosenfeld, A., Root, T.W., Klingenberg, D.J. and Lightfoot, E.N.
Flow distribution in chromatographic columns 831(1999)149
- Yuan, X., see Zhang, H. 809(1998)65
- Yuan, Y., Shane, E. and Oliver, C.N.
Reversed-phase high-performance liquid chromatography of virus-like particles 816(1998)21
- Yue, B., see Zhao, R. 828(1998)489
- Yunes, R.A., see Heinzen, V.E.F. 849(1999)495
- Yun, T., Smith, M.S. and Guiochon, G.
Theoretical analysis of the behavior of a centrally injected band in a homogeneous chromatographic column 828(1998)19
- Yver, B., see Desbène, P.L. 813(1998)121
- Zabe, N., see Duncan, K. 815(1998)41
- Żabińska, A., see Matysiak, J. 830(1999)491
- Żabińska, A., see Niewiadomy, A. 828(1998)431
- Zaccardo, F., see Kei Lau, S. 809(1998)203
- Zacchì, G., see Kempe, H. 846(1999)1
- Zagrodzka, J., see Gryniewicz, G. 830(1999)191
- Zaitsev, K., see Inuma, F. 835(1999)67
- Zambonin, C.G., see Casella, I.G. 833(1999)75
- Zanaboni, G., see Viglio, S. 846(1999)125
- Zander, Å., see Sellergren, B. 829(1998)143
- Zappalà, M., see Rizzo, M. 846(1999)165
- Zare, R.N., see Zhao, H. 813(1998)205
- Záružka, K., see Tesařová, E. 844(1999)137
- Zarzycki, P.K., Wierzbowska, M., Nowakowska, J., Chmielewska, A. and Lamparczyk, H.
Interactions between native cyclodextrins and *n*-alcohols studied using thermostated thin-layer chromatography 839(1999)149
- Zaugg, S., Caslavská, J., Theurillat, R. and Thormann, W.
Characterization of the stereoselective metabolism of thiopental and its metabolite pentobarbital via analysis of their enantiomers in human plasma by capillary electrophoresis 838(1999)237
- Zèches-Hanrot, M., see Renault, J.-H. 849(1999)421
- Zeleneská, V., see Kaniansky, D. 844(1999)349
- Zenkevich, I.G., see Isidorov, V.A. 814(1998)253
- Zerbinati, O., Trotta, F., Giovannoli, C., Baggiani, C., Giraudi, G. and Vanni, A.
New derivatives of cyclodextrins as chiral selectors for the capillary electrophoretic separation of dichlorprop enantiomers 810(1998)193
- Zhang, D., Shelby, R., Savka, M.A., Dessaix, Y. and Wilson, M.
Separation, detection, and quantification of imine-linked opines by high-performance liquid chromatography 813(1998)247
- Zhang, F., see Zhu, Y. 850(1999)297
- Zhang, H., Yuan, X., Fu, R., Li, F., Zhang, J., Guo, B. and Wang, Z.
Separation properties of bis(β -diketonato)-copper(II) complexes in capillary gas chromatography 809(1998)65
- Zhang, J., see Lin, L. 815(1998)3
- Zhang, J., see Zhang, H. 809(1998)65
- Zhang, L., Ding, Q., Meng, D., Ren, L., Yang, G. and Liu, Y.
Investigation of molecular masses and aggregation of β -D-glucan from *Poria cocos* sclerotium by size-exclusion chromatography 839(1999)49
- Zhang, L., see Zhang, Y. 802(1998)59
- Zhang, L., Zhou, J., Yang, G. and Chen, J.
Preparative fractionation of polysaccharides by columns packed with regenerated cellulose gels 816(1998)131

Z

- Zhang, L.-F., Chen, L., Lu, X.-R., Wu, C.-Y. and Chen, Y.-Y.
Preparation and study of two polysiloxanes with pendant hand-basket type calixarene stationary phases for capillary gas chromatography 840(1999)225
- Zhang, R., see Yang, F. 829(1998)137
- Zhang, S., see Behnke, B. 818(1998)257
- Zhang, T., see Yang, F. 822(1998)316
- Zhang, T., see Yang, F. 829(1998)137
- Zhang, T.Y., see Cao, X. 813(1998)397
- Zhang, T.Y., see Yang, F. 803(1998)298
- Zhang, Y. and Cheng, J.
On-column chemiluminescence detection of rare earth ions with capillary electrophoresis 813(1998)361
- Zhang, Y., Shi, W., Zhang, L. and Zou, H.
Some aspects of chromatographic behavior in capillary electrochromatography 802(1998)59
- Zhang, Y., see Wentworth, W.E. 842(1999)229
- Zhang, Y., see Zhao, R. 828(1998)489
- Zhao, H., Dadoo, R., Reay, R.J., Kovacs, G.T.A. and Zare, R.N.
Electrically floating conductivity detection system for capillary electrophoresis 813(1998)205
- Zhao, M., van der Wielen, F. and de Voogt, P.
Optimization of a matrix solid-phase dispersion method with sequential clean-up for the determination of alkylphenol ethoxylates in biological tissues 837(1999)129
- Zhao, R., Xu, G., Yue, B., Liebich, H.M. and Zhang, Y.
Artificial neural network classification based on capillary electrophoresis of urinary nucleosides for the clinical diagnosis of tumors 828(1998)489
- Zhao, X., see Van Breemen, R.B. 806(1998)67
- Zhao, Y., Cao, Q.-E., Xiang, Y. and Hu, Z.
Identification and determination of active components in *Gastrodia elata Bl.* by capillary electrophoresis 849(1999)277
- Zhao, Y., Nookandeh, A., Schneider, B., Sun, X., Schmitt, B. and Stöckigt, J.
Lignans from *Torreya jackii* identified by stopped-flow high-performance liquid chromatography-nuclear magnetic resonance spectroscopy 837(1999)83
- Zhao, Y., see Van der Eycken, E. 811(1998)261
- Zheng, B., see Shao, Yu. 825(1998)1
- Zheng, Q., see Shao, Yu. 825(1998)1
- Zhong, G., see Farkas, T. 849(1999)35
- Zhong, G., see Sajonz, P. 810(1998)1
- Zhong, H.-J., see Roberts, M.A. 817(1998)353
- Zhou, J., Gerhardt, G.C., Baranski, A. and Cassidy, R.
Capillary electrophoresis of some tetracycline antibiotics coupled with reductive fast cyclic voltammetric detection 839(1999)193
- Zhou, J., see Zhang, L. 816(1998)131
- Zhu, J., see Wartell, R.M. 806(1998)169
- Zhu, M., Aviles, F.J., Conte, E.D., Miller, D.W. and Perschbacher, P.W.
Microwave mediated distillation with solid-phase microextraction: determination of off-flavors, geosmin and methylisoborneol, in catfish tissue 833(1999)223
- Zhu, R. and Kok, W.Th.
Postcolumn derivatization of peptides with fluorescamine in capillary electrophoresis 814(1998)213
- Zhu, Y., see Li, Y.M. 812(1998)227
- Zhu, Y., Zhang, F., Tong, C. and Liu, W.
Determination of glyphosate by ion chromatography 850(1999)297
- Zhukova, O.S., see Nesterenko, P.N. 813(1998)47
- Zicha, J., see Deyl, Z. 836(1999)161
- Žigon, M., see Strlič, M. 805(1998)93
- Zimmer, C., see Strelc, B. 819(1998)113
- Zimmermann, W., see Lambertsen Larsen, K. 811(1998)193
- Zimmermann, W., see Larsen, K.L. 836(1999)3
- Zöllner, P., see Mayer, B.X. 848(1999)251
- Zou, H., see Zhang, Y. 802(1998)59
- Zubrzycki, S., see Sternberg, R. 846(1999)307
- Zuccaro, S., see Rosso, A. 825(1998)96
- Zühlke, J., Knopp, D. and Niessner, R.
Determination of 1-nitropyrene with enzyme-linked immunosorbent assay versus high-performance column switching technique 807(1998)209
- Zuloaga, O., Etxebarria, N., Fernández, L.A. and Madariaga, J.M.
MultiSimplex optimisation of purge-and-trap extraction of phenols in soil samples 849(1999)225
- Zuo, Y., see Deng, Y. 817(1998)145
- Zupančič, T. and Pihlar, B.
Preconcentration of quinolones by dialysis on-line coupled to high-performance liquid chromatography 840(1999)11
- Zupančič-Kralj, L., see Kralj Cigić, I. 847(1999)359
- Zusková, I., see Gogová, K. 838(1999)101