

A

Aase, B. and Rogstad, A.

Optimization of sample cleanup procedure for determination of diarrhetic shellfish poisoning toxins by use of experimental design 764(1997)223

Abad, C., see Porcar, I. 778(1997)53

Abad, E., Caixach, J. and Rivera, J.

Application of DB-5ms gas chromatography column for the complete assignment of 2,3,7,8-substituted polychlorodibenzo-*p*-dioxins and polychlorodibenzofurans in samples from municipal waste incinerator emissions 786(1997)125

Abalde, J., see Torres, E. 775(1997)339

Abalos, M., Bayona, J.-M., Compañó, R., Granados, M., Leal, C. and Prat, M.-D.

Analytical procedures for the determination of organotin compounds in sediment and biota: a critical review 788(1997)1

Abatzoglou, Ch., Iliopoulos, E., Katsanos, N.A., Roubanis, Kalantzopoulou, F. and Kalantzopoulos, A.

Deposition parameters of air pollutants on solid surfaces, measured in the presence of surface and gaseous reactions, with a simultaneous determination of the experimental isotherms 775(1997)211

Abbalie, F., see Conte, E. 765(1997)121

Abbas, N.M., see Singh, R.P. 774(1997)21

Abdullah-Nagy, E.A., see Morovján, G. 797(1998)237

Abdullah, Md.P., see Saim, N. 791(1997)361

Abe, S., see Oguri, S. 790(1997)177

Abegaz, M., see Goessler, W. 789(1997)233

Abidi, S.L. and Mounts, T.L.

Reversed-phase separations of nitrogenous phospholipids on an octadecanoyl poly(vinyl alcohol) phase 773(1997)93

Abidi, S.L. and Mounts, T.L.

Reversed-phase high-performance liquid chromatographic separations of tocopherols 782(1997)25

Abler, J.K., Reddy, K.R. and Lee, C.S.

Post-capillary affinity detection of protein microheterogeneity in capillary zone electrophoresis 759(1997)139

Aboul-Enein, H.Y., see Ilie, V.A. 796(1998)259

Abraham, M.H., Chadha, H.S., Leitao, R.A.E., Mitchell, R.C., Lambert, W.J., Kaliszak, R., Nasal, A. and Haber, P. Determination of solute lipophilicity, as log *P*(octanol) and log *P*(alkane) using poly(styrene–divinylbenzene) and immobilised artificial membrane stationary phases in reversed-phase high-performance liquid chromatography 766(1997)35

Abraham, M.H., see Poole, C.F. 798(1998)207

Abraham, M.H., see Tan, L.C. 752(1996)1

Abraham, M.H., Treiner, C., Roses, M., Rafols, C. and Ishihama, Y.

Linear free energy relationship analysis of microemulsion electrokinetic chromatographic determination of lipophilicity 752(1996)243

Abraham, M.H., see Valkó, K. 797(1998)41

Abraham, V.M. and Lynn, Jr, B.C.

Determination of hydroxylated polychlorinated biphenyls by ion trap gas chromatography–tandem mass spectrometry 790(1997)131

Abudiab, T. and Beitle Jr., R.R.

Preparation of magnetic immobilized metal affinity separation media and its use in the isolation of proteins 795(1998)211

Abushamaa, H., see Xu, L. 764(1997)95

Acar, J., see Gökmén, V. 798(1998)167

Acedo Valenzuela, M.I., see Galeano Díaz, T. 764(1997)243

Achilli, M. and Romele, L.

Use of factorial experimental design for the rapid evaluation of main and interactive factors affecting linearity in calibration curves for sulfate analysis by ion chromatography 770(1997)29

Açıl, Y., Brinckmann, J., Behrens, P., Müller, P.K. and Bätge, B. Semipreparative isolation of collagen types I, II, III and V by sodium dodecyl sulfate–polyacrylamide gel electrophoresis and electroelution 758(1997)313

Acuff, R.V., see Lane, J.R. 787(1997)111

Adachi, K., see Moriyama, H. 798(1998)125

AUTHOR INDEX

J. CHROMATOGR. A VOLS. 752–800

- Adachi, T., Takayanagi, H. and Sharpe, A.D.
Ion-exchange high-performance liquid chromatographic separation of protein variants and isoforms on MCI GEL ProtEx stationary phases 763(1997)57
- Adam, T., see Lüdtke, S. 786(1997)229
- Adams, E., Dalle, J., De Bie, E., De Smedt, I., Roets, E. and Hoogmartens, J.
Analysis of kanamycin sulfate by liquid chromatography with pulsed electrochemical detection 766(1997)133
- Adams, F.C., see De la Calle-Gutiñas, M.B. 764(1997)169
- Adams, F.C., see Jiang, G.B. 759(1997)119
- Adams, M.W.W., see Joachimiak, A. 773(1997)131
- Adlof, R. and Lamm, T.
Fractionation of *cis*- and *trans*-oleic, linoleic, and conjugated linoleic fatty acid methyl esters by silver ion high-performance liquid chromatography 799(1998)329
- Adlof, R.O.
Normal-phase separation effects with lipids on a silver ion high-performance liquid chromatography column 764(1997)337
- Adrichem, M.A., see Rozemeijer, M.J.C. 755(1996)57
- Aebersold, R., see Figeys, D. 763(1997)295
- Afanas'eva, G.V., see Trubetskoy, O.A. 767(1997)285
- Affonso, R., see Dalmora, S. 782(1997)199
- Aflalaye, A., Sternberg, R., Coscia, D., Raulin, F. and Vidal-Madjar, C.
Gas chromatography of Titan's atmosphere. VIII. Analysis of permanent gases with carbon molecular sieve packed capillary columns 761(1997)195
- Agbaba, D., see Mihajlović, A. 798(1998)173
- Agnely, M. and Thiébaut, D.
Dual-mode high-speed counter-current chromatography: retention, resolution and examples 790(1997)17
- Aguete, E.C., see Leão, J.M. 798(1998)131
- Aguilar, C., Borrull, F. and Marcé, R.M.
On-line and off-line solid-phase extraction with styrene-divinylbenzene-membrane extraction disks for determining pesticides in water by reversed-phase liquid chromatography-diode-array detection 754(1996)77
- Aguilar, C., Borrull, F. and Marcé, R.M.
Determination of pesticides in environmental waters by solid-phase extraction and gas chromatography with electron-capture and mass spectrometry detection 771(1997)221
- Aguilar, C., Ferrer, I., Borrull, F., Marcé, R.M. and Barceló, D.
Comparison of automated on-line solid-phase extraction followed by liquid chromatography-mass spectrometry with atmospheric pressure chemical ionization and particle beam mass spectrometry for the determination of a priority group of pesticides in environmental waters 794(1998)147
- Aguilar, C., Peñalver, S., Pocurull, E., Borrull, F. and Marcé, R.M.
Solid-phase microextraction and gas chromatography with mass spectrometric detection for the determination of pesticides in aqueous samples 795(1998)105
- Aguilar, M., Farran, A. and Martí, V.
Determination of metal cyanide complexes in gold processing solutions by capillary electrophoresis 767(1997)319
- Aguilar, M., Farran, A. and Martí, V.
Capillary electrophoretic determination of cyanide leaching solutions from automobile catalytic converters 778(1997)397
- Aguilar, M., Farran, A., Serra, C., Sepaniak, M.J. and Whitaker, K.W.
Use of different surfactants (sodium dodecyl sulfate, bile salts and ionic polymers) in micellar electrokinetic capillary chromatography. Application to the separation of organophosphorus pesticides 778(1997)201
- Aguilera, Z.B., see Nelson, B.C. 771(1997)285
- Ahaled, A., see Gokana, A. 791(1997)109
- Aherne, G.W., see Rashid, B.A. 797(1998)245
- Ahmed, A., see Govindaraju, K. 768(1997)3
- Ahmed, A. and Lloyd, D.K.
Effect of organic modifiers on retention and enantiomeric separations by capillary electrophoresis with human serum albumin as a chiral selector in solution 766(1997)237
- Ahmed, F., see Hanai, T. 762(1997)55
- Ahumada, M.C., see García, M.D. 767(1997)340
- Aichholz, R., Spitzer, V. and Lorbeer, E.
Analysis of cyanolipids and triacylglycerols from sapindaceae seed oils with high-temperature gas chromatography and high-temperature gas chromatography-chemical ionization mass spectrometry 787(1997)181
- Aigotti, R., see Gennaro, M.C. 767(1997)87
- Akaiwa, H., see Suzuki, T. 786(1997)269
- Akama, Y., Iwadate, T., Tong, A., Takahashi, Y. and Tanaka, S.
Chromatographic behaviour of the chromium(III) complex of 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone 789(1997)479
- Akapo, S.O., Matyska, M.T. and Pesek, J.J.
Retention characteristics and selected applications of cyclic siloxane-based octadecylsilyl bonded phases in reversed-phase high-performance liquid chromatography 773(1997)53
- Akdoğan, F.
Multi-channel on-line chromatographic analysis system for quick air-fuel ratio measurement 752(1996)183
- Akiba, K., see Nakamura, S. 789(1997)381
- Akiyama, S., see Kuroda, N. 798(1998)325
- Alasandro, M.S., see Miyawa, J.H. 769(1997)145
- Albalá-Hurtado, S., Bover-Cid, S., Izquierdo-Pulido, M., Veciana-Nogués, M.T. and Vidal-Carou, M.C.
Determination of available lysine in infant milk formulae by high-performance liquid chromatography 778(1997)235
- Albalá-Hurtado, S., Novella-Rodríguez, S., Veciana-Nogués, M.T. and Mariné-Font, A.
Determination of vitamins A and E in infant milk formulae by high-performance liquid chromatography 778(1997)243
- Albalá-Hurtado, S., Veciana-Nogués, M.T., Izquierdo-Pulido, M. and Mariné-Font, A.
Determination of water-soluble vitamins in infant milk by high-performance liquid chromatography 778(1997)247
- Albert, K.
Supercritical fluid chromatography-proton nuclear magnetic resonance spectroscopy coupling (Review) 785(1997)65
- Albert, K., see Braumann, U. 761(1997)336
- Albert, K., see Brindle, R. 757(1997)3
- Albert, K., see Strohschein, S. 765(1997)207

- Albert, M., Debusschere, L., Demesmay, C. and Rocca, J.L.
Large-volume stacking for quantitative analysis of anions in capillary electrophoresis. I. Large-volume stacking with polarity switching 757(1997)281
- Albert, M., Debusschere, L., Demesmay, C. and Rocca, J.L.
Large-volume stacking for quantitative analysis of anions in capillary electrophoresis. II. Large-volume stacking without polarity switching 757(1997)291
- Albertini, A., see Bellagamba, F. 791(1997)79
- Alberts, D., see Batta, A.K. 766(1997)286
- Alcácer, E., see Pastor, A. 789(1997)279
- Al-Dirbashi, O., see Kuroda, N. 798(1998)325
- Alebic-Kolbah, T. and Zavitsanos, A.P.
Chiral bioanalysis by normal phase high-performance liquid chromatography-atmospheric pressure ionization tandem mass spectrometry 759(1997)65
- Alebic-Kolbah, T., see Zavitsanos, A.P. 794(1998)45
- Alexander, P.W., see Chen, Z. 758(1997)227
- Alimenti, R., see Valvo, L. 797(1998)311
- Alimonti, S., see Valvo, L. 797(1998)311
- Allmaier, G., see Linnemayr, K. 791(1997)299
- Alongi, D.M., see Susic, M. 758(1997)243
- Altenhöner, U., see Meurer, M. 769(1997)71
- Altenhöner, U., Meurer, M., Strube, J. and Schmidt-Traub, H.
Parameter estimation for the simulation of liquid chromatography 769(1997)59
- Altenhöner, U., see Strube, J. 769(1997)81
- Altria, K.D., see Kelly, M.A. 768(1997)73
- Altria, K.D., see Kelly, M.A. 781(1997)67
- Altria, K.D., see Kelly, M.A. 798(1998)297
- Alvarez-Pez, J.M., see Bermejo, R. 778(1997)441
- Alvarez, R., see Machnikowski, J. 778(1997)403
- Alvi, S.N., see Husain, S. 777(1997)370
- Åman, P., see Fredriksson, H. 768(1997)325
- Åman, P., see Koch, K. 800(1998)199
- Ambrose, D.L., Fritz, J.S., Buchmeiser, M.R., Atzl, N. and Bonn, G.K.
New, high-capacity carboxylic acid functionalized resins for solid-phase extraction of a broad range of organic compounds 786(1997)259
- Amiel, C., see Sandier, A. 776(1997)93
- Amiet, R.G., see Pak, C. 793(1998)357
- Amigo, L., see Recio, I. 768(1997)47
- Andersin, R., see Keski-Hynnälä, H. 794(1998)75
- Anderson, D.J., see Liu, Y. 753(1996)63
- Anderson, D.J., see Liu, Y. 762(1997)47
- Anderson, D.J., see Liu, Y. 762(1997)207
- Anderson, G.A., see Muddiman, D.C. 771(1997)1
- Anderson, H.A., see Sun, C. 771(1997)145
- Anderson, J.M., see Saari-Nordhaus, R. 782(1997)69
- Anderson, J.M., see Saari-Nordhaus, R. 782(1997)75
- Andersson, L.I., see Schweitz, L. 792(1997)401
- Andersson, M.B.O., Demirbüker, M. and Blomberg, L.G.
Semi-continuous extraction/purification of lipids by means of supercritical fluids 785(1997)337
- Andersson, P., see Doble, P. 770(1997)291
- Andersson, P., see Macka, M. 767(1997)303
- Andersson, P.E., see Olsson, J.C. 755(1996)289
- Andersson, R., see Fredriksson, H. 768(1997)325
- Andersson, R., see Koch, K. 800(1998)199
- Ando, K., Yamamoto, A., Nishimura, M. and Hayakawa, K.
Theoretical study of the elution profile of a high-concentration sample anion in non-suppressed ion chromatography 789(1997)43
- Andrašić, S., see Petrović, M. 771(1997)251
- André, P., see Morin, Ph. 791(1997)289
- Andreev, V.P., Ilyina, N.B., Lebedeva, E.V., Kamenev, A.G. and Popov, N.S.
Electroinjection analysis. Concept, mathematical model and applications 772(1997)115
- Andrews, S.A., see Peldszus, S. 793(1998)198
- Andrianary, J., see Arellano, M. 765(1997)321
- Andrzejewski, P., see Nawrocki, J. 790(1997)242
- Aneiro, K.M., see Hale, R.C. 774(1997)79
- Angelino, S., Fell, A.F. and Gennaro, M.C.
Development of system suitability tests for ion-interaction chromatography of colorants on reversed-phase packing materials 797(1998)65
- Angelino, S., see Gennaro, M.C. 767(1997)87
- Angelino, S., see Gennaro, M.C. 789(1997)181
- Angelino, S., see Marengo, E. 799(1998)47
- Angelino, S., Maurino, V., Minero, C., Pelizzetti, E. and Vincenti, M.
Improved procedure for *n*-hexyl chloroformate-mediated derivatization of highly hydrophilic substances directly in water: hydroxyaminic compounds 793(1998)307
- Angioni, A., see Cabras, P. 761(1997)327
- Angioni, A., see Pirisi, F.M. 768(1997)207
- Annen, M.J., see Griffith, C.M. 776(1997)179
- Ansell, R.J. and Mosbach, K.
Molecularly imprinted polymers by suspension polymerisation in perfluorocarbon liquids, with emphasis on the influence of the porogenic solvent 787(1997)55
- Anselmi, C., see Scarpi, C. 796(1998)319
- Anselmo, R.T., see Barry, J.P. 800(1998)13
- Antal, Jr., M.J., see Volgger, D. 758(1997)263
- Antos, D., see Kaczmarski, K. 756(1996)73
- Antos, D., see Kaczmarski, K. 777(1997)383
- Aoe, K., see Yaku, K. 773(1997)277
- Aoe, K., see Yaku, K. 785(1997)185
- Aoki, M., see Kobayashi, H. 772(1997)137
- Apazidou, K.K., see Papageorgiou, V.P. 769(1997)263
- Apffel, A., Chakel, J.A., Fischer, S., Lichtenwalter, K. and Hancock, W.S.
New procedure for the use of high-performance liquid chromatography-electrospray ionization mass spectrometry for the analysis of nucleotides and oligonucleotides 777(1997)3
- Apostolaki, M., see Gogou, A.I. 799(1998)215
- Appelqvist, L.-Å., see Kamal-Eldin, A. 776(1997)245
- Apraiz, D., see Valor, I. 767(1997)195
- Apruzzese, W.A. and Vourgos, P.
Analysis of DNA adducts by capillary methods coupled to mass spectrometry: a perspective 794(1998)97
- Arai, E., see Kobayashi, H. 772(1997)137
- Arai, M., see Mudasir 799(1998)171
- Araki, T., see Tanaka, N. 781(1997)139

- Arce, L., Ríos, A. and Valcárcel, M.
Flow injection–capillary electrophoresis coupling to automate on-line sample treatment for the determination of inorganic ions in waters 791(1997)279
- Archambault, J.C., see Morin, Ph. 791(1997)289
- Archundia, C., see Collins, C.H. 789(1997)469
- Arckens, L., see Qu, Y. 798(1998)19
- Arellano, M., Andrianary, J., Dedieu, F., Couderc, F. and Puig, P.
Method development and validation for the simultaneous determination of organic and inorganic acids by capillary zone electrophoresis 765(1997)321
- Arellano, M., El Kaddouri, S., Roques, C., Couderc, F. and Puig, Ph.
Capillary electrophoresis and indirect UV detection as a fast and simple analytical tool for bacterial taxonomy 781(1997)497
- Arena, R., see Ferrari, R. 795(1998)371
- Argentine, M.D., see Olsen, B.A. 762(1997)227
- Argilés, F., Sagrado, S. and Medina-Hernández, M.J.
Reliability of the capacity factor at zero micellar concentration and the solute–micelle association constant estimates by micellar liquid chromatography 778(1997)67
- Argoudelis, C.J.
Simple high-performance liquid chromatographic method for the determination of all seven vitamin B₆-related compounds 790(1997)83
- Arica, M.Y., see Denizli, A. 758(1997)217
- Arica, M.Y., Testereci, H.N. and Denizli, A.
Dye–ligand and metal chelate poly(2-hydroxyethylmethacrylate) membranes for affinity separation of proteins 799(1998)83
- Arlati, P., see Ferrari, R. 795(1998)371
- Arlt, W., see Brandt, A. 769(1997)109
- Arlt, W., see Brandt, A. 796(1998)223
- Armstrong, D.W., Chang, L.W. and Chang, S.S.C.
Mechanism of capillary electrophoresis enantioseparations using a combination of an achiral crown ether plus cyclodextrins 793(1998)115
- Armstrong, D.W., see Gahm, K.-H. 759(1997)149
- Armstrong, D.W., see Gahm, K.-H. 793(1998)135
- Armstrong, D.W., see Péter, A. 793(1998)283
- Arnim Cumme, G., Blume, E., Bublitz, R., Hoppe, H. and Horn, A.
Composition analysis of detergents of the polyoxyethylene type: comparison of thin-layer chromatography, reversed-phase chromatography and matrix-assisted laser desorption/ionization mass spectrometry 791(1997)245
- Arnold, F.H., see Vidyasankar, S. 775(1997)51
- Arnoux, A., see Sarrazin, L. 760(1997)285
- Arora, R., see Hanai, T. 762(1997)55
- Arpino, P., see Giraud, D. 777(1997)115
- Arrington, C.M., see Weldon, M.K. 758(1997)293
- Artelt, S., see Nachtigall, D. 775(1997)197
- Arvidsson, T., see Sänger-van de Griek, C.E. 782(1997)271
- Ary, K., see Róna, K. 797(1998)265
- Ary, K., Róna, K., Ondi, S. and Gachályi, B.
High-performance liquid chromatographic method with coulometric detection for the determination of buspirone in human plasma by means of a column-switching technique 797(1998)221
- Asaf, M., see Schofield, J. 770(1997)345
- Asakawa, N., see Katayama, H. 764(1997)151
- Ashraf-Khorassani, M., see Combs, M.T. 785(1997)85
- Ashraf-Khorassani, M., Combs, M.T. and Taylor, L.T.
Supercritical fluid extraction of metal ions and metal chelates from different environments (Review) 774(1997)37
- Asral, N., see Biemer, T.A. 771(1997)355
- Åström, O., see Persson-Stubberud, K. 798(1998)307
- Ataaï, M.M., see Patwardhan, A.V. 767(1997)11
- Ataaï, M.M., see Patwardhan, A.V. 787(1997)91
- Atienza, J., see Bernal, J.L. 754(1996)257
- Atienza, J., see Bernal, J.L. 754(1996)507
- Atienza, J., see Bernal, J.L. 778(1997)119
- Atienza, J., see Bernal, J.L. 787(1997)129
- Atkinson, D., see Cheng, J. 771(1997)389
- Attard Barbini, D., see Di Muccio, A. 754(1996)497
- Attard Barbini, D., see Di Muccio, A. 765(1997)39
- Attard Barbini, D., see Di Muccio, A. 765(1997)51
- Attard Barbini, D., see Di Muccio, A. 765(1997)61
- Aturki, Z., see Fanali, S. 772(1997)185
- Atzl, N., see Ambrose, D.L. 786(1997)259
- Aubry, A.-F., see Lloyd, D.K. 792(1997)349
- Auffray, A., see Mouly, P. 800(1998)171
- Auriola, S., see Ranta, V.-P. 766(1997)85
- Ausili, A., see Di Muccio, A. 754(1996)497
- Ausili, A., see Di Muccio, A. 765(1997)39
- Ausili, A., see Di Muccio, A. 765(1997)51
- Ausili, A., see Di Muccio, A. 765(1997)61
- Ausio, X., see Sola, I. 778(1997)329
- Axelsson, A., see Gustavsson, P.-E. 795(1998)199
- Ayrton, A., see Tiller, P.R. 794(1998)15
- Azumaya, S., see Toida, T. 787(1997)266

B

- Baba, K., see Yasuhara, A. 774(1997)321
- Bächmann, K., see Bazzanella, A. 792(1997)143
- Bächmann, K., see Bazzanella, A. 799(1998)283
- Bächmann, K., see Brüns, M. 779(1997)342
- Bächmann, K., see Göttlicher, B. 768(1997)320
- Bächmann, K., see Göttlicher, B. 780(1997)63
- Bächmann, K., see Mainka, A. 767(1997)241
- Bächmann, K., see Tenberken, B. 755(1996)121
- Bächmann, K., see Tenberken, B. 775(1997)372
- Bader, A., see Thömmes, J. 752(1996)111

- Badger, S.E., see Levison, P.R. 760(1997)151
- Baeza-Baeza, J.J., see García-Alvarez-Coque, M.C. 780(1997)129
- Baeza-Baeza, J.J., see Torres-Lapasió, J.R. 769(1997)155
- Baggiani, C., Trotta, F., Giraudi, G., Moraglio, G. and Vanni, A. Chromatographic characterization of a molecularly imprinted polymer binding theophylline in aqueous buffers 786(1997)23
- Bahadir, M., see Koinecke, A. 786(1997)155
- Baird, M., see Sun, C. 771(1997)145
- Baird, M., see Sun, C. 800(1998)231
- Bairley, D.W., see Nitowski, A.J. 781(1997)541
- Bakalyar, S.R., Phipps, C., Spruce, B. and Olsen, K. Choosing sample volume to achieve maximum detection sensitivity and resolution with high-performance liquid chromatography columns of 1.0, 2.1 and 4.6 mm I.D. 762(1997)167
- Bakola-Christianopoulou, M.N., see Papageorgiou, V.P. 769(1997)263
- Balbo, C., see Bicchi, C. 779(1997)315
- Bald, E., see Kaniowska, E. 798(1998)27
- Balduzzi, G., see Rizzo, V. 798(1998)103
- Balinova, A. Strategies for chromatographic analysis of pesticide residues in water (Review) 754(1996)125
- Balke, S.T., see Rao, B. 755(1996)27
- Ballesteros, E., see Crespín, M.A. 757(1997)165
- Balogh-Nemes, K., see Tolokán, A. 771(1997)35
- Bandino, G., see Pirisi, F.M. 768(1997)207
- Bane, S., see Whynot, D.M. 767(1997)231
- Banhoczer, A., see Pyell, U. 779(1997)155
- Banks, J.F. Protein analysis by packed capillary liquid chromatography with electrospray ionization and time-of-flight mass spectrometry detection 786(1997)67
- Banks, J.F., see Wheat, T.E. 781(1997)99
- Barak, P., see Hernández-Apaolaza, L. 789(1997)453
- Barbas, C., Castro, M., Bonet, B., Viana, M. and Herrera, E. Simultaneous determination of vitamins A and E in rat tissues by high-performance liquid chromatography 778(1997)415
- Barberi, R., see Bonvent, J.J. 756(1996)233
- Barceló, D., see Aguilar, C. 794(1998)147
- Barceló, D., see Castillo, M. 778(1997)301
- Barceló, D., see Ferrer, I. 777(1997)91
- Barceló, D., see Ferrer, I. 778(1997)161
- Barceló, D., see Lacorte, S. 777(1997)99
- Barceló, D., see Lacorte, S. 795(1998)13
- Barceló, D., see Lacorte, S. 795(1998)71
- Barceló, D., see Nunes, G.S. 795(1998)43
- Barceló, D., see Peñuela, G.A. 754(1996)187
- Barceló, D., see Peñuela, G.A. 795(1998)93
- Barceló, D., see Puig, D. 778(1997)313
- Barceló, D., see Ràfols, C. 777(1997)177
- Barceló, D., see Salau, J.S. 795(1998)3
- Barceló, D., see Terreni, M. 754(1996)207
- Barceló, D., see Van Zoonen, P. 795(1998)1
- Barden, T.J., Croft, M.Y., Murby, E.J. and Wells, R.J. Gas chromatographic determination of organic acids from fruit juices by combined resin mediated methylation and extraction in supercritical carbon dioxide 785(1997)251
- Barker, S.A., see Crouch, M.D. 774(1997)287
- Barnett, L., see Brown, P. 754(1996)463
- Barr, J.R., see Kimata, K. 786(1997)237
- Barratt, M.J., see Zhelev, N.Z. 763(1997)65
- Barrefors, G., Björkqvist, S., Ramnäs, O. and Petersson, G. Gas chromatographic separation of volatile furans from birchwood smoke 753(1996)151
- Barrett, D.A., see Wan, Q.-H. 765(1997)187
- Barrett, D.A., see Wan, Q.-H. 786(1997)249
- Barrio, R.J., see Ruiz de Erenchun, N. 763(1997)227
- Barry, J.P., Radtke, D.R., Carton, W.J., Anselmo, R.T. and Evans, J.V. Analysis of ethoxylated polymers by capillary electrophoresis in UV-transparent polymer networks and by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry 800(1998)13
- Bart, H.J., see Reissner, K. 763(1997)49
- Bart, J., see Klinkenberg, H. 794(1998)219
- Barták, P. and Čáp, L. Determination of phenols by solid-phase microextraction 767(1997)171
- Bartell, L.S., see Huang, J. 793(1998)209
- Barth, T., see Jiskra, J. 761(1997)285
- Barth, T., see Kašička, V. 772(1997)221
- Barth, T., see Kašička, V. 796(1998)211
- Bartle, K.D., see Clifford, A.A. 785(1997)395
- Bartle, K.D., see Heaton, D.M. 753(1996)306
- Bartle, K.D., see Johnson, B.R. 758(1997)65
- Bartók, T., see Lengyel, J. 762(1997)321
- Bartolini, P., see Dalmora, S. 782(1997)199
- Bartolino, R., see Bonvent, J.J. 756(1996)233
- Bartolozzi, F., Bertazza, G., Bassi, D. and Cristaferi, G. Simultaneous determination of soluble sugars and organic acids as their trimethylsilyl derivatives in apricot fruits by gas-liquid chromatography 758(1997)99
- Bartolucci, G., see Ferrari, R. 795(1998)371
- Baru, M.B., see Danilov, A.V. 773(1997)103
- Barut, M., see Štrancar, A. 760(1997)117
- Barzilai, M., see Weissenberg, M. 757(1997)89
- Başer, K.H.C., see Bozan, B. 782(1997)133
- Basiuk, V.A. and Navarro-González, R. Identification of hexahydroimidazo[1,2-*a*]pyrazine-3,6-diones and hexahydroimidazo[1,2-*a*]imidazo[1,2-*d*]pyrazine-3,8-diones, unusual products of silica-catalyzed amino acid thermal condensation and products of their thermal decomposition using coupled high-performance liquid chromatography-particle beam mass spectrometry and gas chromatography-Fourier transform infrared spectroscopy-mass spectrometry 776(1997)255
- Basiura, E., see Zgórka, G. 797(1998)305
- Baskaran, S., Kookana, R.S. and Naidu, R. Determination of the insecticide imidacloprid in water and soil using high-performance liquid chromatography 787(1997)271
- Basla, R., see Ferrari, R. 795(1998)371
- Bassi, D., see Bartolozzi, F. 758(1997)99

- Batas, B., Jones, H.R. and Chaudhuri, J.B.
Studies of the hydrodynamic volume changes that occur during refolding of lysozyme using size-exclusion chromatography 766(1997)109
- Bateman, K.P., White, R.L., Yaguchi, M. and Thibault, P.
Characterization of protein glycoforms by capillary-zone electrophoresis–nanoelectrospray mass spectrometry 794(1998)327
- Bätge, B., see Açıł, Y. 758(1997)313
- Báthori, M., see Lengyel, J. 762(1997)321
- Batistoni, D.A., see Gautier, E.A. 770(1997)75
- Batlle, R., see Nerín, C. 795(1998)117
- Batta, A.K., Salen, G., Batta, M., Earnest, D. and Alberts, D.
Capillary gas–liquid chromatography of acetate–methyl esters of bile acids 766(1997)286
- Batta, M., see Batta, A.K. 766(1997)286
- Battinelli, L., Cernia, E., Delbò, M., Ortaggi, G., Pala, A. and Soro, S.
New class of poly(vinyl alcohol) polymers as column-chromatography stationary phases for *Candida rugosa* lipase isoforms separation 753(1996)47
- Baugh, P.J., see Yasin, M. 754(1996)235
- Baumann, R.A., see Font, N. 798(1998)179
- Baumann, R.A., see Hogendoorn, E.A. 754(1996)49
- Baumann, R.A., see van der Hoff, G.R. 754(1996)487
- Baur, J.E., see Whited, B.L. 771(1997)89
- Bavetta, S.F., see Terreni, M. 754(1996)207
- Baygents, J.C., Schwarz, B.C.E., Deshmukh, R.R. and Bier, M.
Recycling electrophoretic separations: modeling of isotachophoresis and isoelectric focusing 779(1997)165
- Bayona, J.-M., see Abalos, M. 788(1997)1
- Bazzanella, A. and Bächmann, K.
Separation and direct UV detection of sugars by capillary electrophoresis using chelation of copper(II) 799(1998)283
- Bazzanella, A., see Brüns, M. 779(1997)342
- Bazzanella, A., Mörbel, H., Bächmann, K., Milbradt, R., Böhmer, V. and Vogt, W.
Highly efficient separation of amines by electrokinetic chromatography using resorcarene-octacarboxylic acids as pseudostationary phases 792(1997)143
- Beale, S.C., see Wang, C.-C. 756(1996)245
- Bean, K.A. and Henion, J.D.
Determination of carbendazim in soil and lake water by immunoaffinity extraction and coupled-column liquid chromatography–tandem mass spectrometry 791(1997)119
- Beattie, J.H., see Knudsen, C.B. 792(1997)463
- Becker, A., see Vogt, C. 781(1997)391
- Becker, G., Janák, K., Colmsjö, A. and Östman, C.
Speciation of organotin compounds released from poly(vinyl chloride) at increased temperature by gas chromatography with atomic emission detection 775(1997)295
- Becker, H.-D., see Björklund, J. 798(1998)1
- Becker, K., see Blum, C. 773(1997)377
- Becker, S., see Mulugeta, E. 798(1998)83
- Beckers, J.L.
Calculation of the composition of sample zones in capillary zone electrophoresis. IV. Weak acids and system characteristics 764(1997)111
- Beckers, J.L. and Everaerts, F.M.
System peaks in capillary zone electrophoresis. What are they and where are they coming from? 787(1997)235
- Beckert, W.F., see Lopez-Avila, V. 785(1997)279
- Beever, R.J., see Le, X.C. 781(1997)515
- Begerow, J., see Bucholski, K.A. 754(1996)479
- Behrens, P., see Açıł, Y. 758(1997)313
- Beijnen, J.H., see Hoitink, M.A. 776(1997)319
- Beijnen, J.H., see Sparidans, R.W. 782(1997)211
- Bein, B., see Gibkes, J. 786(1997)163
- Beitle Jr., R.R., see Abudiaab, T. 795(1998)211
- Beitzel, P.M., see Brechbiel, M.W. 771(1997)63
- Bélanger, J.M.R., see Llompart, M.P. 757(1997)153
- Bélanger, J.M.R., see Llompart, M.P. 774(1997)243
- Belchior, A.P., see Bronze, M.R. 768(1997)143
- Belder, D. and Stöckigt, D.
Analysis of basic pharmaceuticals by capillary electrophoresis in coated capillaries and on-line mass spectrometric detection 752(1996)271
- Belder, D., see Unger, M. 767(1997)263
- Belder, D., see Unger, M. 786(1997)384
- Belew, M., see Degener, A. 799(1998)125
- Belháčová, L., see Čurda, L. 772(1997)231
- Bell, C.M., Sander, L.C., Fetzer, J.C. and Wise, S.A.
Synthesis and characterization of extended length alkyl stationary phases for liquid chromatography with application to the separation of carotenoid isomers 753(1996)37
- Bell, C.M., Sander, L.C. and Wise, S.A.
Temperature dependence of carotenoids on C₁₈, C₃₀ and C₃₄ bonded stationary phases 757(1997)29
- Bellagamba, F., Moretti, V.M., Mentasti, T., Albertini, A., Luzzana, U. and Valfrè, F.
High-performance liquid chromatographic determination of polyamines in milk as their 9-fluorenylmethoxycarbonyl derivatives using a column-switching technique 791(1997)79
- Bellessort, D., see Morin, Ph. 796(1998)375
- Bellini, A., see Terreni, M. 754(1996)207
- Bellini, S., Uhrlová, M. and Deyl, Z.
Determination of the thermodynamic equilibrium constants of water-insoluble (sparingly soluble) compounds by capillary electrophoresis 772(1997)91
- Beltrán, J.L., see Ferrer, R. 779(1997)123
- Ben-Ghanem, A., see Gokana, A. 791(1997)109
- Benfenati, E., see Müller, L. 791(1997)221
- Benfenati, E., see Terreni, M. 754(1996)207
- Benická, E., see Krupčík, J. 779(1997)253
- Benito, I., see Marina, M.L. 752(1996)265
- Benito, I., Saz, J.M., Marina, M.L., Jiménez-Barbero, J., González, M.J. and Diez-Masa, J.C.
Micellar electrokinetic capillary chromatographic separation of polychlorinated biphenyl congeners 778(1997)77
- Bennie, D.T., see Lee, H.-B. 785(1997)385
- Bensch, K., see Volz, J. 800(1998)29
- Bensetiti, Z., see Yun, T. 758(1997)175
- Bensetiti, Z., see Yun, T. 760(1997)3

- Berdié, L., Santiago-Silva, M., Vilanova, R. and Grimalt, J.O.
Retention time repeatability as a function of the injection
automatism in the analysis of trace organochlorinated
compounds with high-resolution gas chromatography
778(1997)23
- Berezkin, V.G. and Buzaev, V.V.
New thin-layer chromatography plate with a closed sorbent
layer and details of its application 758(1997)125
- Berg, H., Mågård, M., Johansson, G. and Mathiasson, L.
Development of a supercritical fluid extraction method for
determination of lipid classes and total fat in meats and its
comparison with conventional methods 785(1997)345
- Bergenthal, D., see Chankvetadze, B. 798(1998)315
- Berger, B.
Improved chromatographic method for the simultaneous
determination of ten phenylurea herbicides and some of
their degradation products in soil 769(1997)338
- Berger, T.A.
Separation of polar solutes by packed column supercritical
fluid chromatography (Review) 785(1997)3
- Berggren, K., see Carlsson, M. 756(1996)107
- Berglin, M., see Karlsson, A. 797(1998)75
- Bergman, A., see Kimata, K. 786(1997)237
- Bergström, M., see Ohlson, S. 758(1997)199
- Berloni, A., see Cappiello, A. 768(1997)215
- Bermejo, E., see Espartero, A.G. 778(1997)355
- Bermejo, J., see Machnikowski, J. 778(1997)403
- Bermejo, R., Talavera, E.M., Alvarez-Pez, J.M. and Orte, J.C.
Chromatographic purification of biliproteins from *Spirulina
platensis*. High-performance liquid chromatographic
separation of their α and β subunits 778(1997)441
- Bermond, A., see Giraud, D. 777(1997)115
- Berna, N., Berna, P. and Oscarsson, S.
Polyol-promoted adsorption of serum proteins to
amphiphilic agarose-based adsorbents 764(1997)193
- Berna, N., see Berna, P.P. 800(1998)151
- Berna, P., see Berna, N. 764(1997)193
- Berna, P.P., Berna, N., Porath, J. and Oscarsson, S.
Comparison of the protein adsorption selectivity of salt-
promoted agarose-based adsorbents. Hydrophobic, thiophilic
and electron donor-acceptor adsorbents 800(1998)151
- Berna, P.P. and Porath, J.
Cyanocarbons as ligands for electron donor acceptor
chromatography of human serum proteins 753(1996)57
- Bernal, J.L., del Nozal, M. and Jiménez, J.J.
Influence of solvent and storage conditions on the stability
of acaricide standard stock solutions 765(1997)109
- Bernal, J.L., del Nozal, M.J., Martín, M.T. and Jiménez, J.J.
Possibilities of gas chromatography-atomic emission
detection in pesticide multiresidue analysis. Application to
herbicide analysis in soils 754(1996)245
- Bernal, J.L., del Nozal, M.J., Rivera, J.M., Jiménez, J.J. and
Atienza, J.
Determination of the fungicide vinclozolin in honey and
bee larvae by solid-phase and solvent extraction with gas
chromatography and electron-capture and mass
spectrometric detection 754(1996)507
- Bernal, J.L., del Nozal, M.J., Toribio, L., Jiménez, J.J. and
Atienza, J.
High-performance liquid chromatographic determination of
benomyl and carbendazim residues in apriarian samples
787(1997)129
- Bernal, J.L., del Nozal, M^aJ., Jiménez, J.J. and Rivera, J.M^a.
Matrix effects in the determination of acaricides and
fungicides in must by gas chromatography with electron-
capture and nitrogen-phosphorus detection 778(1997)111
- Bernal, J.L., see Jiménez, J.J. 778(1997)289
- Bernal, J.L., Jiménez, J.J., Atienza, J. and Herguedas, A.
Extraction of triallate from soil with supercritical carbon
dioxide and determination by gas chromatography-atomic
emission detection. Comparison with a solvent extraction
procedure 754(1996)257
- Bernal, J.L., Jiménez, J.J., Herguedas, A. and Atienza, J.
Determination of chlorsulfuron and tribenuron-methyl
residues in agricultural soils 778(1997)119
- Bernal, J.L., Jiménez, J.J., Rivera, J.M., Toribio, L. and del
Nozal, M.J.
On-line solid-phase extraction coupled to supercritical fluid
chromatography with diode array detection for the
determination of pesticides in water 754(1996)145
- Bernal, J.L., see Nozal, M^aJ. 778(1997)347
- Bernal, J.L., Nozal, M^aJ., Toribio, L., Serna, M^aL., Borrull, F.,
Marcé, R.M. and Pocurull, E.
Determination of polycyclic aromatic hydrocarbons in
waters by use of supercritical fluid chromatography coupled
on-line to solid-phase extraction with disks 778(1997)321
- Bernal, J.L., see Pocurull, E. 755(1996)67
- Bernart, M.W., see He, X.-g. 791(1997)127
- Bernart, M.W., see He, X.-g. 796(1998)327
- Bernáth, G., see Péter, A. 761(1997)103
- Bernhardt, G., see Schuster, A. 793(1998)77
- Bernillon, J., see Vessillier, S. 776(1997)133
- Berry, P., Jaussaud, P., Durix, A., Ravel, C. and Bony, S.
Rapid determination of the mycotoxin lolitrem B in
endophyte-infected perennial ryegrass by high-performance
thin-layer chromatography. A validated assay
769(1997)343
- Berridge, J.C., see Owens, P.K. 797(1998)149
- Berridge, J.C., see Owens, P.K. 797(1998)187
- Bert, L., Robert, F., Denoroy, L., Stoppini, L. and Renaud, B.
Enhanced temporal resolution for the microdialysis
monitoring of catecholamines and excitatory amino acids
using capillary electrophoresis with laser-induced
fluorescence detection. Analytical developments and in
vitro validations 755(1996)99
- Bertazza, G., see Bartolozzi, F. 758(1997)99
- Berthod, A.
Causes and remediation of reduced efficiency in micellar
liquid chromatography 780(1997)191
- Bertoni, G. and Tappa, R.
Improvement in breakthrough volume evaluation methods
for light adsorbent traps employed for volatile organic
compounds determination at atmospheric concentration
levels 767(1997)153
- Bertrand, O., see Hasnaoui, M. 766(1997)49

- Betti, M.
Use of ion chromatography for the determination of fission products and actinides in nuclear applications 789(1997)369
- Betti, M., Giannarelli, S. and Onor, M.
Investigations of the behaviour of tellurium(IV) and selenium(IV) in ion-exchange chromatography 779(1997)147
- Bevan, C., see Valkó, K. 797(1998)41
- Bewsher, A., see Manning, D.A.C. 770(1997)203
- Bhanger, M.I., see Khuhawar, M.Y. 766(1997)159
- Bhargava, S.K., see Hind, A.R. 765(1997)287
- Bian, H., see Gao, J. 789(1997)195
- Bianchetti, M., see Zolla, L. 779(1997)131
- Bianchi, A.P. and Joyner, T.K.B.
Determination of toluene-2,4-diisocyanate in environmental and workplace air by sampling onto Tenax-TA followed by thermal desorption and capillary gas chromatography using flame ionisation and ion-trap detection 771(1997)233
- Bicanic, D., see Gibkes, J. 786(1997)163
- Bicchi, C., Balbo, C. and Rubiolo, P.
Packed column supercritical fluid chromatography of sesquiterpene lactones with different carbon skeletons 779(1997)315
- Bieber, A.L., see Nedelkov, D. 781(1997)429
- Biedermann, M., Grob, K. and Wiedmer, M.
Polyimide for deactivating gas chromatography vaporising chambers and fixing packing materials 764(1997)65
- Bielčíková, J., see Kaniansky, D. 792(1997)483
- Bielejewska, A., see Nowakowski, R. 782(1997)1
- Biemer, T.A., Asral, N. and Sippy, A.
Ion chromatographic procedures for analysis of total fluoride content in dentifrices 771(1997)355
- Bieniek, D., see Fischer, K. 770(1997)229
- Bier, M., see Baygents, J.C. 779(1997)165
- Biesaga, M., Kwiatkowska, M. and Trojanowicz, M.
Separation of chlorine-containing anions by ion chromatography and capillary electrophoresis 777(1997)375
- Bietlot, H.P. and Girard, M.
Analysis of recombinant human erythropoietin in drug formulations by high-performance capillary electrophoresis 759(1997)177
- Bietlot, H.P., see Girard, M. 772(1997)235
- Bij, K., see Snyder L.R. 799(1998)IX
- Bíliková, K., see Liška, I. 795(1998)61
- Billiet, H.A.H., see Corstjens, H. 753(1996)127
- Billiot, E., Wang, J. and Warner, I.M.
Improved chiral separation using achiral modifiers in cyclodextrin modified capillary zone electrophoresis 773(1997)321
- Bird, S.M., Ge, H., Uden, P.C., Tyson, J.F., Block, E. and Denoyer, E.
High-performance liquid chromatography of selenoamino acids and organo selenium compounds Speciation by inductively coupled plasma mass spectrometry 789(1997)349
- Bishop, A.G., see Draisici, R. 798(1998)137
- Bishop, A.G., see James, K.J. 777(1997)213
- Bishop, R.T., see Turula, V.E. 763(1997)91
- Bissell, M.G., Okorodudu, A.O., Petersen, J.R. and Mohammad, A.A.
Laser induced resonance energy transfer – a novel approach towards achieving high sensitivity in capillary electrophoresis. Part B: Applications for environmental testing 767(1997)217
- Bissell, M.G., see Valbuena, G.A. 781(1997)467
- Biziuk, M., Przyjazny, A., Czerwinski, J. and Wiergowski, M.
Occurrence and determination of pesticides in natural and treated waters (Review) 754(1996)103
- Björklund, J., Einarsson, S., Engström, A., Grzegorczyk, A., Becker, H.-D. and Josefsson, B.
Automated amino acid determination by high-performance liquid chromatography with 2-(9-anthryl)ethyl chloroformate as precolumn reagent 798(1998)1
- Björklund, M. and Hearn, M.T.W.
Characterisation of silica-based heparin affinity sorbents from equilibrium binding studies on plasma fractions containing thrombin 762(1997)113
- Björkqvist, S., see Barrefors, G. 753(1996)151
- Björnsdottir, I., see Hansen, S.H. 792(1997)49
- Black, R.M. and Read, R.W.
Application of liquid chromatography–atmospheric pressure chemical ionisation mass spectrometry, and tandem mass spectrometry, to the analysis and identification of degradation products of chemical warfare agents 759(1997)79
- Black, R.M. and Read, R.W.
Analysis of degradation products of organophosphorus chemical warfare agents and related compounds by liquid chromatography–mass spectrometry using electrospray and atmospheric pressure chemical ionisation 794(1998)233
- Blackwell, J.A., see Cantrell, G.O. 782(1997)237
- Blackwell, J.A. and Stringham, R.W.
Influence of mobile phase composition on methylene group selectivity and homologous compound retention in near-critical mobile phases 796(1998)355
- Blackwell, P.A., Cave, M.R., Davis, A.E. and Malik, S.A.
Determination of chlorine and bromine in rocks by alkaline fusion with ion chromatography detection 770(1997)93
- Bładek, J., Rostkowski, A. and Miszczaik, M.
Application of instrumental thin-layer chromatography and solid-phase extraction to the analyses of pesticide residues in grossly contaminated samples of soil 754(1996)273
- Blagović, B., see Rupčić, J. 755(1996)75
- Blanchin, M.D., see Fabre, H. 772(1997)265
- Blanco, M., Coello, J., Iturriaga, H., Maspoch, S. and Pérez-Maseda, C.
Separation of profen enantiomers by capillary electrophoresis using cyclodextrins as chiral selectors 793(1998)165
- Blanco, M., Coello, J., Iturriaga, H., Maspoch, S. and Pérez-Maseda, C.
Chiral and nonchiral determination of ketoprofen in pharmaceuticals by capillary zone electrophoresis 799(1998)301
- Blaschke, G., see Chankvetadze, B. 798(1998)315
- Blaschke, G., see Fanali, S. 800(1998)69
- Blaschke, G., see Schulte, G. 771(1997)259
- Blaschke, G., see Schulte, G. 800(1998)77

- Blatný, P., Kvasnička, F. and Kenndler, E.
Trace determination of iron in water at the µg/l level by on-line coupling of capillary isotachophoresis and capillary zone electrophoresis with UV detection of the EDTA-Fe(III) complex 757(1997)297
- Blennow, A., see Viksø-Nielsen, A. 800(1998)382
- Bleton, J., see Mejanelle, P. 767(1997)177
- Block, E., see Bird, S.M. 789(1997)349
- Blomberg, L.G., see Andersson, M.B.O. 785(1997)337
- Blomberg, L.G., see Wan, H. 758(1997)303
- Blomberg, L.G., see Wan, H. 792(1997)393
- Blum, C., Kubeczka, K.-H. and Becker, K.
Supercritical fluid chromatography-mass spectrometry of thyme extracts (*Thymus vulgaris* L.) 773(1997)377
- Blume, E., see Arnim Cumme, G. 791(1997)245
- Bo, P.F., see Sicbaldi, F. 765(1997)13
- Bobeldijk-Pastorova, I., see Vreeken, R.J. 794(1998)187
- Bocchi, C., Careri, M., Groppi, F., Mangia, A., Manini, P. and Mori, G.
Comparative investigation of UV, electrochemical and particle beam mass spectrometric detection for the high-performance liquid chromatographic determination of benzoic and cinnamic acids and of their corresponding phenolic acids 753(1996)157
- Boccini, P., Galletti, G.C., Camarero, S. and Martinez, A.T.
Absolute quantitation of lignin pyrolysis products using an internal standard 773(1997)227
- Boček, P., see Desiderio, C. 772(1997)81
- Boček, P., see Gebauer, P. 772(1997)63
- Boček, P., see Gebauer, P. 772(1997)73
- Boček, P., see Klepárník, K. 772(1997)243
- Boček, P., see Křivánková, L. 772(1997)283
- Bodén, L., Lundgren, M., Stensiö, K.-E. and Gorzynski, M.
Determination of 1,3-dichloro-2-propanol and 3-chloro-1,2-propanediol in papers treated with polyamidoamine-epichlorohydrin wet-strength resins by gas chromatography-mass spectrometry using selective ion monitoring 788(1997)195
- Bodnar, J.A., see Chu, I. 755(1996)281
- Bodzek, D., Janoszka, B., Dobosz, C., Warzecha, L. and Bodzek, M.
Determination of polycyclic aromatic compounds and heavy metals in sludges from biological sewage treatment plants 774(1997)177
- Bodzek, D., see Tyripień, K. 774(1997)111
- Bodzek, M., see Bodzek, D. 774(1997)177
- Boelens, H.F.M., see Busch, M.H.A. 775(1997)313
- Boelens, H.F.M., see Busch, M.H.A. 777(1997)311
- Bogan, D.P., Duffy, C.F. and O'Kennedy, R.
In vitro glucuronidation of 7-hydroxycoumarin and determination of 7-hydroxycoumarin and 7-hydroxycoumarin glucuronide by capillary electrophoresis 772(1997)321
- Bogan, D.P., see Haddad, P.R. 780(1997)329
- Bogan, D.P., see Macka, M. 793(1998)177
- Böhmer, V., see Bazzanella, A. 792(1997)143
- Bokić, L., see Petrović, M. 771(1997)251
- Bollaín, M.H., see Rodríguez, I. 774(1997)379
- Bollaín, M.H., see Rodríguez, I. 778(1997)279
- Bollaín, M.H., see Rodríguez, I. 786(1997)285
- Bolte, J., see Gibkes, J. 786(1997)163
- Bolzani, W., see Rizzo, V. 798(1998)103
- Bonato, P.S., see Collins, C.H. 789(1997)469
- Bonet, B., see Barbas, C. 778(1997)415
- Bonifacio, F., see Ferretti, R. 795(1998)289
- Bonn, G.K., see Ambrose, D.L. 786(1997)259
- Bonn, G.K., see Klampfl, C.W. 770(1997)23
- Bonn, G.K., see Volgger, D. 758(1997)263
- Bonté, F., Pinguet, P., Saunois, A., Chevalier, J.-M. and Meybeck, A.
Separation of forskolin derivatives by automated multiple development high-performance thin-layer chromatography 791(1997)231
- Bonte, J.-P., see Vaccher, C. 771(1997)343
- Bonvent, J.J., Barberi, R., Bartolini, R., Capelli, L. and Righetti, P.G.
Adsorption of proteins to fused-silica capillaries as probed by atomic force microscopy 756(1996)233
- Bonwick, G.A., see Yasin, M. 754(1996)235
- Bony, S., see Berny, P. 769(1997)343
- Boonkerd, S., Detaevernier, M.R., Vindevogel, J. and Michotte, Y.
Migration behaviour of benzodiazepines in micellar electrokinetic chromatography 756(1996)279
- Boos, K.-S., see Van der Hoeven, R.A.M. 762(1997)193
- Borges, C., Caetano, C., Costa Pessoa, J., Figueiredo, M.O., Lourenço, A., Malhoa Gomes, M., Silva, T.P. and Veiga, J.P.
Monitoring the removal of soluble salts from ancient tiles by ion chromatography 770(1997)195
- Boria, P., see Draisici, R. 798(1998)109
- Boria, P., see James, K.J. 777(1997)213
- Bornhop, D.J., see Kenmore, C.K. 762(1997)219
- Borovcová, J., see Revilla, A.L. 772(1997)397
- Borrego, F., see Montijano, H. 758(1997)163
- Borrós, S., see Ibañez, E. 775(1997)287
- Borrull, F., see Aguilar, C. 754(1996)77
- Borrull, F., see Aguilar, C. 771(1997)221
- Borrull, F., see Aguilar, C. 794(1998)147
- Borrull, F., see Aguilar, C. 795(1998)105
- Borrull, F., see Bernal, J.L. 778(1997)321
- Borrull, F., see Bustos, O. 757(1997)311
- Borrull, F., see Martínez, D. 788(1997)185
- Borrull, F., see Masqué, N. 771(1997)55
- Borrull, F., see Masqué, N. 793(1998)257
- Borrull, F., see Pocurull, E. 755(1996)67
- Bosc, N., see Fabre, H. 772(1997)265
- Bosch, F.U., see Volz, J. 800(1998)29
- Bosch Reig, F., see Mateo Castro, R. 778(1997)373
- Bossi, A., see Conti, M. 757(1997)237
- Botana, L.M., see González, J.C. 793(1998)63
- Bounéry, J.D., see Zuriguel, V. 781(1997)233
- Bover-Cid, S., see Albalá-Hurtado, S. 778(1997)235
- Bówdadt, S., see Hartonen, K. 774(1997)229
- Bówdadt, S., Mazeas, L., Miller, D.J. and Hawthorne, S.B.
Field-portable determination of polychlorinated biphenyls and polynuclear aromatic hydrocarbons in soil using supercritical fluid extraction 785(1997)205
- Bowman, R.N., see Chu, I. 755(1996)281

- Bowyer, J.R. and Pleil, J.D.
Comparison of supercritical fluid extraction and Soxhlet extraction of organic compounds from carpet samples
787(1997)171
- Bozan, B., Başer, K.H.C. and Kara, S.
Quantitative determination of naphthaquinones of *Arnebia densiflora* (Nordm.) Ledeb. by an improved high-performance liquid chromatographic method
782(1997)133
- Bozor, I., see Molnár-Perl, I.
798(1998)37
- Braga de Oliveira, A., see Castro Braga, F.
756(1996)287
- Brambilla, G., see Draisici, R.
777(1997)201
- Brancaleoni, E., see Ciccioli, P.
777(1997)267
- Branch, S.K., Holzgrabe, U., Jefferies, T.M., Mallwitz, H. and Oxley, F.J.R.
Effect of β -cyclodextrin acetylation on the resolution of phenethylamines with capillary electrophoresis and nuclear magnetic resonance spectroscopy
758(1997)277
- Brandel, L., see Francotte, E.
792(1997)379
- Brandt, A., Mann, G. and Arlt, W.
Temperature gradients in preparative high-performance liquid chromatography columns
769(1997)109
- Brandt, A., Mann, G. and Arlt, W.
Enhancement of the separation efficiency through temperature control in preparative high-performance liquid chromatography columns
796(1998)223
- Brandt-Nielsen, A., see Levison, P.R.
760(1997)151
- Brauch, H.-J., see Sacher, F.
764(1997)85
- Braumann, U., Händel, H., Strohschein, S., Spraul, M., Krack, G., Ecker, R. and Albert, K.
Separation and identification of vitamin A acetate isomers by supercritical fluid chromatography- ^1H NMR coupling
761(1997)336
- Braumann, U., see Spraul, M.
766(1997)255
- Braun, E., see Juza, M.
769(1997)119
- Braun, U., see Kümmerer, K.
774(1997)281
- Brazier, J.L., see Dautraix, S.
756(1996)203
- Brechbiel, M.W., Beitzel, P.M. and Gansow, O.A.
Purification of *p*-nitrobenzyl C-functionalized diethylenetriamine pentaacetic acids for clinical applications using anion-exchange chromatography
771(1997)63
- Breen, J.J., see Knapp, C.M.
799(1998)289
- Brenna, J.T., see Caimi, R.J.
757(1997)307
- Březinová, A., see Pacáková, V.
764(1997)331
- Brice, L.J., see Pirkle, W.H.
753(1996)109
- Brinckmann, J., see Açıl, Y.
758(1997)313
- Brindle, R. and Albert, K.
Stationary phases with chemically bonded fluorene ligands: A new approach for environmental analysis of π -electron containing solutes
757(1997)3
- Brinkman, U.A.Th., see de Geus, H.-J.
767(1997)137
- Brinkman, U.A.Th., see Hogenboom, A.C.
759(1997)55
- Brinkman, U.A.Th., see Hogenboom, A.C.
777(1997)81
- Brinkman, U.A.Th., see Hogenboom, A.C.
794(1998)201
- Brinkman, U.A.Th., see Kok, S.J.
771(1997)331
- Brinkman, U.A.Th., see Roose, P.
799(1998)233
- Brinkman, U.A.Th., see Slobodník, J.
768(1997)239
- Brinkman, U.A.Th., see Somsen, G.W.
756(1996)145
- Brinkman, U.A.Th., see Steen, R.J.C.A.
766(1997)153
- Brinkman, U.A.Th., see van der Hoff, G.R.
754(1996)487
- Britsch, L., see Josić, D.
796(1998)289
- Britz-McKibbin, P. and Chen, D.D.Y.
Prediction of the migration behavior of analytes in capillary electrophoresis based on three fundamental parameters
781(1997)23
- Brocke, A., see Sojo, L.E.
788(1997)141
- Brockhoff, C., see Creed, J.T.
753(1996)261
- Brodbelt, J.S., see Hall, B.J.
777(1997)275
- Brodin, E., see Nilsson, C.L.
800(1998)21
- Broekaert, J.A.C., see Josephs, R.D.
795(1998)297
- Broes, D., see Esmans, E.L.
794(1998)109
- Bronner, U., see Nordin, J.
777(1997)73
- Bronze, M.R., Vilas Boas, L.F. and Belchior, A.P.
Analysis of old brandy and oak extracts by capillary electrophoresis
768(1997)143
- Broto-Puig, F., see Sabala, A.
778(1997)103
- Broto-Puig, F., see Tharsis, N.
778(1997)95
- Brown, P., Charlton, A., Cuthbert, M., Barnett, L., Ross, L., Green, M., Gillies, L., Shaw, K. and Fletcher, M.
Identification of pesticide poisoning in wildlife (Review)
754(1996)463
- Brown, P.R., see Geldart, S.E.
792(1997)67
- Brown, R.H., see Johnson, P.D.
765(1997)3
- Brown, R.H., see Rimmer, D.A.
755(1996)245
- Brown Thomas, J., see Dalluge, J.J.
793(1998)265
- Bruce Collier, G., see Siles, B.A.
771(1997)319
- Brüggemann, O., Freitag, R., Whitcombe, M.J. and Vulfson, E.N.
Comparison of polymer coatings of capillaries for capillary electrophoresis with respect to their applicability to molecular imprinting and electrochromatography
781(1997)43
- Bruins, A.P.
Mechanistic aspects of electrospray ionization
794(1998)345
- Brummelhuis, A., see Steijger, O.M.
799(1998)57
- Bruno, R., see De Paoli, M.
765(1997)127
- Brüns, M., Bazzanella, A., Lochmann, H., Bächmann, K. and Ullrich-Eberius, C.
Determination of indole-3-acetic acid in plant tissues by capillary electrophoresis
779(1997)342
- Bruzzoniti, M.B., see Sacchero, G.
799(1998)35
- Bruzzoniti, M.C., Mentasti, E. and Sarzanini, C.
Divalent pairing ion for ion-interaction chromatography of sulphonates and carboxylates
770(1997)51
- Bruzzoniti, M.C., Mentasti, E., Sarzanini, C. and Hajós, P.
Ion chromatographic separation of carboxylic acids.
Prediction of retention data
770(1997)13
- Bryant, M.S., Korfmacher, W.A., Wang, S., Nardo, C., Nomeir, A.A. and Lin, C.-C.
Pharmacokinetic screening for the selection of new drug discovery candidates is greatly enhanced through the use of liquid chromatography-atmospheric pressure ionization tandem mass spectrometry
777(1997)61
- Brydon, D.L., see Sun, C.
771(1997)145
- Brynda, E., see Kasíčka, V.
772(1997)221
- Bublitz, R., see Arnim Cumme, G.
791(1997)245
- Buchberger, W. and Haider, K.
Studies on the combination of ion chromatography-particle-beam mass spectrometry with capillary columns
770(1997)59

- Buchberger, W., see Klampfl, C.W. 770(1997)23
Buchberger, W., Klampfl, C.W., Eibensteiner, F. and Buchgraber, K.
Determination of fermenting acids in silage by capillary electrophoresis 766(1997)197
Buchberger, W., see Kuban, P. 770(1997)329
Buchberger, W.W. and Haddad, P.R.
Advances in detection techniques for ion chromatography 789(1997)67
Bucheli, F., see Wyss, R. 797(1998)211
Buchgraber, K., see Buchberger, W. 766(1997)197
Buchmeiser, M.R., see Ambrose, D.L. 786(1997)259
Bucholski, K.A., Begerow, J., Winneke, G. and Dunemann, L.
Determination of polychlorinated biphenyls and chlorinated pesticides in human body fluids and tissues 754(1996)479
Buchwald, A. and Kauschus, W.
Description of the solubilities of solids in supercritical fluids 777(1997)283
Budzikiewicz, H., see Dallakian, P. 787(1997)195
Buhrman, D.L., see Tiller, P.R. 771(1997)119
Buijten, J., see Vetter, W. 799(1998)249
Builder, S.E., see Reifsnider, D.H. 753(1996)73
Buldini, P.L., Cavalli, S. and Trifirò, A.
State-of-the-art ion chromatographic determination of inorganic ions in food 789(1997)529
Buldini, P.L., Ferri, D. and Sharma, J.L.
Determination of some inorganic species in edible vegetable oils and fats by ion chromatography 789(1997)549
Bult, A., see Hoitink, M.A. 776(1997)319
Bumelis, V., see Liesiené, J. 764(1997)27
Bunke, A., see Jira, T. 761(1997)269
Bunke, A. and Jira, T.
Use of cationic cyclodextrin for enantioseparation by capillary electrophoresis 798(1998)275
Bunke, A., see Jira, T. 798(1998)281
Burgess, A.W., see Catimel, B. 776(1997)15
Burgess, A.W., see Moritz, R.L. 798(1998)91
Burgess, R.J., see Smith, R.M. 785(1997)49
Burke, M.F., see Fung Kee Fung, C.A. 752(1996)41
Burleson, J., see Wang, I.-H. 766(1997)277
Burton, L., see Zeng, L. 794(1998)3
Burton, R.D., see Tiller, P.R. 771(1997)119
Burton, S.C. and Harding, D.R.K.
Bifunctional etherification of a bead cellulose for ligand attachment with allyl bromide and allyl glycidyl ether 775(1997)29
Burton, S.C. and Harding, D.R.K.
High-density ligand attachment to brominated allyl matrices and application to mixed mode chromatography of chymosin 775(1997)39
Burton, S.C. and Harding, D.R.K.
Preparation of chromatographic matrices by free radical addition ligand attachment to allyl groups 796(1998)273
Busch, M.H.A., Boelens, H.F.M., Kraak, J.C. and Poppe, H.
Vacancy affinity capillary electrophoresis, a new method for measuring association constants 775(1997)313
Busch, M.H.A., Carels, L.B., Boelens, H.F.M., Kraak, J.C. and Poppe, H.
Comparison of five methods for the study of drug-protein binding in affinity capillary electrophoresis 777(1997)311
Busch, M.H.A., Kraak, J.C. and Poppe, H.
Principles and limitations of methods available for the determination of binding constants with affinity capillary electrophoresis 777(1997)329
Buschauer, A., see Schuster, A. 793(1998)77
Buscher, B.A.P., Hofte, A.J.P., Tjaden, U.R. and Van der Greef, J.
On-line electrodialysis-capillary zone electrophoresis-mass spectrometry of inositol phosphates in complex matrices 777(1997)51
Buscher, B.A.P., Tjaden, U.R. and van der Greef, J.
On-line electrodialysis-capillary zone electrophoresis of adenosine triphosphate and inositol phosphates 764(1997)135
Buscher, B.A.P., Tjaden, U.R. and van der Greef, J.
Three-compartment electrodialysis device for on-line sample clean-up and enrichment prior to capillary electrophoresis 788(1997)165
Bushey, M.M., see Nittler, M.P. 779(1997)205
Bushway, R.J.
Complementation of direct-injection high-performance liquid chromatography and enzyme-linked immunosorbent assay for the analysis of thiabendazole in fruit juices and concentrates 754(1996)431
Bushway, R.J., see Kubilius, D.T. 793(1998)349
Busto, O., see Mestres, M. 773(1997)261
Busto, O., Miracle, M., Guasch, J. and Borrull, F.
Determination of biogenic amines in wines by high-performance liquid chromatography with on-column fluorescence derivatization 757(1997)311
Bütehorn, U. and Pyell, U.
Optimization of resolution in micellar electrokinetic chromatography via computer-aided variation of concentrations of sodium dodecyl sulfate and acetonitrile as modifier 772(1997)27
Bütehorn, U. and Pyell, U.
Simultaneous use of urea and acetonitrile as organic modifiers for optimization of resolution in micellar electrokinetic chromatography 792(1997)157
Butzke, C.E., see Evans, T.J. 786(1997)293
Buxaderas, S., see Gallart, M. 776(1997)283
Buzaev, V.V., see Berezhkin, V.G. 758(1997)125
Buzzi, M., see Stefani, R. 782(1997)123
Byers, C.H., see Reissner, K. 763(1997)49

C

- Cabezas, Jr, H., see Cole, K.D. 760(1997)259
 Cabezudo, M.D., see Pérez-Coello, M.S. 778(1997)427
 Cabral, J.M.S., see Diogo, M.M. 796(1998)177
 Cabras, P., Angioni, A., Melis, M., Minelli, E.V. and Pirisi, F.M.
 Simplified multiresidue method for the determination of organophosphorus insecticides in olive oil 761(1997)327
 Cabras, P., see Pirisi, F.M. 768(1997)207
 Caccialanza, G., see De Lorenzi, E. 790(1997)47
 Cáceres, M.I.R., see Merás, I.D. 787(1997)119
 Cacho, J., see Nerín, C. 795(1998)117
 Caetano, C., see Borges, C. 770(1997)195
 Cai, Z., Cerny, R.L. and Spalding, R.F.
 Microbore liquid chromatographic-mass spectrometric determination of atrazine and its major hydroxylated degradate in water at parts-per-trillion levels using electrospray 753(1996)243
 Caimi, R.J. and Brenna, J.T.
 Quantitative evaluation of carbon isotopic fractionation during reversed-phase high-performance liquid chromatography 757(1997)307
 Caixach, J., see Abad, E. 786(1997)125
 Caldwell, G.W., Masucci, J.A., Evangelisto, M. and White, R.
 Evaluation of the immobilized artificial membrane phosphatidylcholine. Drug discovery column for high-performance liquid chromatographic screening of drug-membrane interactions 800(1998)161
 Callegari, R., see Scalia, S. 795(1998)219
 Calull, M., see Martínez, D. 788(1997)185
 Cámera, C., see Martín-Esteban, A. 752(1996)291
 Camarero, S., see Bocchini, P. 773(1997)227
 Camel, V., see Giraud, D. 777(1997)115
 Camoni, I., see Di Muccio, A. 754(1996)497
 Camoni, I., see Di Muccio, A. 765(1997)39
 Campeol, F., see Verhelst, V. 770(1997)337
 Campisi, B., see Damiani, P. 758(1997)109
 Campos, A., see Porcar, I. 778(1997)53
 Canales, I., see Montijano, H. 758(1997)163
 Canali, G., see Corradini, C. 791(1997)343
 Cantin-Esnault, D., see Oubrahim, H. 758(1997)145
 Cantrell, G.O. and Blackwell, J.A.
 Comparison of 1,1,2-tetrafluoroethane and carbon dioxide-based mobile phases for packed column supercritical fluid chromatography 782(1997)237
 Cao, C., see Kang, J. 799(1998)361
 Cao, C.-X.
 Comparisons of the mobilities of salt ions obtained by the moving boundary method and two empirical equations in capillary electrophoresis 771(1997)374
 Cao, J., see Cross, R.F. 786(1997)171

- Cao, P. and Moini, M.
 Quantitative analysis of fluorinated ethylchloroformate derivatives of protein amino acids and hydrolysis products of small peptides using chemical ionization gas chromatography-mass spectrometry 759(1997)111
 Cao, P., see Pan, M. 787(1997)288
 Cáp, L., see Barták, P. 767(1997)171
 Capangpangan, M.B., Noblet, J.A. and Suffet, I.H. (Mel)
 Evaluation of selected filters for collection and subsequent supercritical fluid extraction of suspended solids for trace organic analysis 753(1996)279
 Capangpangan, M.B. and Suffet, I.H.(Mel)
 Validation studies for a new supercritical fluid extraction method for the isolation of hydrophobic organic compounds from filtered suspended solids 782(1997)247
 Capelli, L., see Bonvent, J.J. 756(1996)233
 Capelli, L., Stoyanov, A.V., Wajeman, H. and Righetti, P.G.
 Generation of tryptic maps of α - and β -globin chains by capillary electrophoresis in isoelectric buffers 791(1997)313
 Cappiello, A., Famiglini, G. and Berloni, A.
 Large volume injection of acidic pesticides by reversed-phase micro high-performance liquid chromatography 768(1997)215
 Carabias Martínez, R., Rodríguez Gonzalo, E., García Jiménez, M., García Pinto, C., Pérez Pavón, J.L. and Hernández Méndez, J.
 Determination of the fungicides folpet, captan and captafol by cloud-point preconcentration and high-performance liquid chromatography with electrochemical detection 754(1996)85
 Carbognani, L.
 Fast monitoring of $C_{20}-C_{160}$ crude oil alkanes by size-exclusion chromatography-evaporative light scattering detection performed with silica columns 788(1997)63
 Cardellicchio, N., Ragone, P., Cavalli, S. and Riviello, J.
 Use of ion chromatography for the determination of transition metals in the control of sewage-treatment-plant and related waters 770(1997)185
 Cardoso, C.A.L., Vilegas, W. and Pozzetti, G.L.
 Gas chromatographic analysis of indole alkaloids from *Tabernaemontana hilariana* 788(1997)204
 Cardwell, T.J., see Windahl, K.L. 765(1997)181
 Carels, L.B., see Busch, M.H.A. 777(1997)311
 Careri, M., see Bocchi, C. 753(1996)157
 Careri, M., Ferretti, D., Manini, P. and Musci, M.
 Evaluation of particle beam high-performance liquid chromatography-mass spectrometry for analysis of cholesterol oxides 794(1998)253
 Careri, M., Mangia, A. and Musci, M.
 Overview of the applications of liquid chromatography-mass spectrometry interfacing systems in food analysis: naturally occurring substances in food 794(1998)263
 Careri, M., Manini, P., Predieri, G. and Sappa, E.
 Normal-phase and reversed-phase high-performance liquid chromatographic behaviour and particle beam mass spectrometric characterization of alkyne-substituted iron-carbonyl clusters 789(1997)461

- Carlsson, H. and Östman, C.
Clean-up and analysis of carbazole and acridine type polycyclic aromatic nitrogen heterocyclics in complex sample matrices 790(1997)73
- Carlsson, M., Berggren, K., Linse, P., Veide, A. and Tjerneld, F.
Effects of fused tryptophan rich peptides to a recombinant protein A domain on the partitioning in polyethylene glycol-dextran and Ucon-dextran aqueous two-phase systems 756(1996)107
- Carneiro, M.C., see Galceran, M.T. 782(1997)289
- Carnö, S., see Mulugeta, E. 798(1998)83
- Carpenter, B.G., see Locke, I.C. 788(1997)75
- Carpenter, P.D., see Pak, C. 793(1998)357
- Carr, P.W., see Li, J. 791(1997)45
- Carr, P.W., see Park, J.H. 767(1997)1
- Carr, P.W., see Pyo, D. 753(1996)291
- Carr, P.W., see Reeder, D.H. 760(1997)71
- Carr, P.W., see Tan, L.C. 752(1996)1
- Carr, P.W., see Tan, L.C. 775(1997)1
- Carr, P.W., see Tan, L.C. 799(1998)1
- Carretero, E., see Gómez-Serranillos, P. 778(1997)421
- Carrilho, E., see Piggee, C.A. 781(1997)367
- Carton, W.J., see Barry, J.P. 800(1998)13
- Cartoni, G.P., Cocciali, F. and Spagnoli, M.
Analysis of ethereal extracts of wines and other alcoholic beverages by high-performance liquid chromatography with microbore columns 782(1997)219
- Cartron, J.P., see Gokana, A. 791(1997)109
- Cartron, J.P., see Hasnaoui, M. 766(1997)49
- Caruel, H., see Navarro, A. 770(1997)39
- Caruso, J.A., see Sutton, K. 789(1997)85
- Caruso, J.A., see Zoorob, G.K. 773(1997)157
- Casado, E., see Garrido, J. 765(1997)91
- Casal, J., see Puignou, L. 769(1997)293
- Casale, J.F. and Moore, J.M.
Lesser alkaloids of cocaine-bearing plants. III. 2-Carbomethoxy-3-oxo substituted tropane esters: detection and gas chromatographic-mass spectrometric characterization of new minor alkaloids found in South American *Erythroxylum coca* var. *coca* 756(1996)185
- Casale, J.F., see Moore, J.M. 756(1996)193
- Casella, I.G., see Cataldi, T.R.I. 773(1997)115
- Cases, M.A., see Gómez-Serranillos, P. 778(1997)421
- Caslavska, J., see Gebauer, P. 772(1997)63
- Caslavska, J. and Thormann, W.
Bidirectional isotachophoresis in open-tubular, untreated fused-silica capillaries 772(1997)3
- Cassiano, L., see Castagnola, M. 792(1997)57
- Cassidy, R.M., see Salimi-Moosavi, H. 790(1997)185
- Castagnola, M., Rossetti, D.V., Misiti, F., Cassiano, L., Giardina, B. and Messana, I.
Modification of capillary electrophoresis selectivity in hydro-organic solutions. Dissociation constants and Stokes radius measurements of peptides in water-2,2,2-trifluoroethanol mixtures 792(1997)57
- Castellnou, A., Gonzalez-Flesca, N. and Grimalt, J.O.
Refrigerated multibed adsorption in sampling and analysis of atmospheric light hydrocarbons at ppb (v/v) and sub-ppb (v/v) concentrations 778(1997)269
- Castello, G. and Testini, G.
Gas chromatographic retention index system for polychlorinated biphenyls: possibilities and limitations 787(1997)215
- Castello, G., see Vezzani, S. 767(1997)115
- Castello, G., Vezzani, S. and D'Amato, G.
Effect of temperature on the polarity of some stationary phases for gas chromatography 779(1997)275
- Castellote-Bargallo, A.I., see Rodríguez-Palmero, M. 778(1997)435
- Castellote-Bargallo, A.I., see Rodríguez-Palmero, M. 793(1998)435
- Castells, C.B. and Castells, R.C.
Evaluation of theoretical models of non electrolyte solutions in the prediction of Kováts retention indices of branched alkanes in alkane stationary phases 755(1996)49
- Castells, C.B., see Castells, R.C. 775(1997)73
- Castells, R.C., see Castells, C.B. 755(1996)49
- Castells, R.C., Castells, C.B. and Castillo, M.A.
Influence of differences between sample and mobile phase viscosities on the shape of chromatographic elution profiles 775(1997)73
- Castillo, G. and Martinez, S.
Reversed-phase C₁₈ high-performance liquid chromatography of gibberellins GA₃ and GA₁ 782(1997)137
- Castillo, G. and Martinez, S.
Erratum to "Reversed-phase C₁₈ high-performance liquid chromatography of gibberellins GA₃ and GA₁" [J. Chromatogr. A, 782 (1997) 137-139] 795(1998)399
- Castillo, J.R., see Cepria, G. 759(1997)27
- Castillo, M., Puig, D. and Barceló, D.
Determination of priority phenolic compounds in water and industrial effluents by polymeric liquid-solid extraction cartridges using automated sample preparation with extraction columns and liquid chromatography. Use of liquid-solid extraction cartridges for stabilization of phenols 778(1997)301
- Castillo, M.A., see Castells, R.C. 775(1997)73
- Castro, B., see Pugniere, M. 767(1997)69
- Castro Braga, F., Kreis, W. and Braga de Oliveira, A.
Isolation of cardenolides from a Brazilian cultivar of *Digitalis lanata* by rotation locular counter-current chromatography 756(1996)287
- Castro Cano, M.L., see Martínez Vidal, J.L. 765(1997)99
- Castro, M., see Barbas, C. 778(1997)415
- Catalá, I., see Porcar, I. 778(1997)53
- Cataldi, T.R.I., Centonze, D., Casella, I.G. and Desimoni, E.
Anion-exchange chromatography with electrochemical detection of alditols and sugars at a Cu₂O-carbon composite electrode 773(1997)115
- Catimel, B., see Moritz, R.L. 798(1998)91
- Catimel, B., Nerrie, M., Lee, F.T., Scott, A.M., Ritter, G., Welt, S., Old, L.J., Burgess, A.W. and Nice, E.C.
Kinetic analysis of the interaction between the monoclonal antibody A33 and its colonic epithelial antigen by the use of an optical biosensor. A comparison of immobilisation strategies 776(1997)15
- Catterick, T., see Fairman, B. 758(1997)85
- Catterick, T., see White, S. 794(1998)211

- Caudwell, F.B., see James, K.J. 798(1998)147
- Caussé, E., see Zuriguel, V. 781(1997)233
- Cavallaro, A., see Longo, M. 753(1996)91
- Cavalli, S., see Buldini, P.L. 789(1997)529
- Cavalli, S., see Cardelliechio, N. 770(1997)185
- Cavalli, S., see Draisci, R. 798(1998)109
- Cavalli, S., see Trifirò, A. 770(1997)243
- Cave, M.R., see Blackwell, P.A. 770(1997)93
- Cavender, D.M., see Wolf, C. 782(1997)175
- Cavoy, E., Deltent, M.-F., Lehoucq, S. and Miggiano, D. Laboratory-developed simulated moving bed for chiral drug separations. Design of the system and separation of Tramadol enantiomers 769(1997)49
- Ceccarini, A., see Papoff, P. 789(1997)51
- Ceccato, A., Hubert, Ph. and Crommen, J. Direct liquid chromatographic enantioseparation of sotalol and other β -blockers using an α_1 -acid glycoprotein-based chiral stationary phase 760(1997)193
- Cecinato, A., see Ciccioli, P. 777(1997)267
- Cefalo, D., see Zaugg, S.E. 781(1997)487
- Cela, R., see Llompart, M.P. 757(1997)153
- Cela, R., see Llompart, M.P. 774(1997)243
- Cela, R., see Rodríguez, I. 774(1997)379
- Cela, R., see Rodríguez, I. 778(1997)279
- Cela, R., see Rodríguez, I. 786(1997)285
- Cenacchi, V., see Fraier, D. 797(1998)295
- Centini, M., see Scarpi, C. 796(1998)319
- Centonze, D., see Cataldi, T.R.I. 773(1997)115
- Cepriá, G. and Castillo, J.R. Surface plasmon resonance-based detection. An alternative to refractive index detection in high-performance liquid chromatography 759(1997)27
- Cernia, E., see Battinelli, L. 753(1996)47
- Cerny, R.L., see Cai, Z. 753(1996)243
- Cert, A., see García, M.D. 767(1997)340
- Cetta, G., see Grimm, R. 768(1997)57
- Chadha, H.S., see Abraham, M.H. 766(1997)35
- Chae, K., see Sadler, B.R. 799(1998)117
- Chahar, J.P.S., see Mohammad, A. 774(1997)373
- Chai, X.S. and Zhu, J.Y. Indirect headspace gas chromatographic method for vapor-liquid phase equilibrium study 799(1998)207
- Chaimbault, P., Elfakir, C. and Lafosse, M. Comparison of the retention behavior of polyethoxylated alcohols on porous graphitic carbon and polar as well as apolar bonded-silica phases 797(1998)83
- Chakel, J.A., see Apffel, A. 777(1997)3
- Chambers, T.K. and Fritz, J.S. Effect of polystyrene–divinylbenzene resin sulfonation on solute retention in high-performance liquid chromatography 797(1998)139
- Chance, D.L., Gerhardt, K.O. and Mawhinney, T.P. Gas–liquid chromatography–mass spectrometry of primary and secondary fatty alcohols and diols as their *tert*-butyldimethylsilyl derivatives 771(1997)191
- Chance, D.L., Gerhardt, K.O. and Mawhinney, T.P. Gas–liquid chromatography–mass spectrometry of hydroxy fatty acids as their methyl esters *tert*-butyldimethylsilyl ethers 793(1998)91
- Chang, C.-C., see Lin, C.-E. 753(1996)133
- Chang, C.-C., see Lin, C.-E. 755(1996)261
- Chang, C.-C., see Lin, C.-E. 759(1997)203
- Chang, C.-C., see Lin, C.-E. 768(1997)105
- Chang, C.-C., see Lin, C.-E. 775(1997)349
- Chang, C.-C., see Lin, C.-E. 776(1997)362
- Chang, H.-T., Chen, H.-S. and Lee, R. Dynamic control and indirect absorption detection for high-speed capillary electrophoretic separation of organic acids 800(1998)339
- Chang, H.-T., see Hsieh, M.-M. 793(1998)145
- Chang, L.W., see Armstrong, D.W. 793(1998)115
- Chang, L.W., see Gahm, K.-H. 759(1997)149
- Chang, L.W., see Gahm, K.-H. 793(1998)135
- Chang, Q.-I. and Parkin, K.L. Preparation and liquid chromatographic analysis of propanediol fatty acid esters 779(1997)337
- Chang, S.S.C., see Armstrong, D.W. 793(1998)115
- Chankvetadze, B. Separation selectivity in chiral capillary electrophoresis with charged selectors 792(1997)269
- Chankvetadze, B., Chankvetadze, L., Sidamonidze, S., Kasashima, E., Yashima, E. and Okamoto, Y. 3-Fluoro-, 3-chloro- and 3-bromo-5-methylphenylcarbamates of cellulose and amylose as chiral stationary phases for high-performance liquid chromatographic enantioseparation 787(1997)67
- Chankvetadze, B., see Fanali, S. 800(1998)69
- Chankvetadze, B., Saito, M., Yashima, E. and Okamoto, Y. Enantioseparation using selected polysaccharides as chiral buffer additives in capillary electrophoresis 773(1997)331
- Chankvetadze, B., see Schulte, G. 771(1997)259
- Chankvetadze, B., see Schulte, G. 800(1998)77
- Chankvetadze, B., Schulte, G., Bergenthal, D. and Blaschke, G. Comparative capillary electrophoresis and NMR studies of enantioseparation of dimethindene with cyclodextrins 798(1998)315
- Chankvetadze, L., see Chankvetadze, B. 787(1997)67
- Channar, A.H., see Khuhawar, M.Y. 758(1997)159
- Chanthawat, B., see Pietrzik, D.J. 775(1997)327
- Chao, H., see Mant, C.T. 791(1997)85
- Chao, Z., see Shibusawa, Y. 759(1997)47
- Charlton, A., see Brown, P. 754(1996)463
- Charpak, M., see Pichon, V. 795(1998)83
- Charron, C., see Karlsson, A. 797(1998)75
- Charton, F., see Schulte, M. 769(1997)93
- Chase, H.A., see McCreath, G.E. 773(1997)73
- Chase, H.A., see Nash, D.C. 758(1997)53
- Chase, H.A., see Nash, D.C. 776(1997)55
- Chase, H.A., see Nash, D.C. 776(1997)65
- Chase, H.A., see Owen, R.O. 757(1997)41
- Chassaing, C., Thienpont, A., Soulard, M.-H. and Felix, G. Regioselectively carbamoylated polysaccharides for the separation of enantiomers in high-performance liquid chromatography 786(1997)13
- Chattopadhyay, A. and Hage, D.S. Determination of the diol content of chromatographic supports by capillary electrophoresis 758(1997)255
- Chaudhuri, J.B., see Batas, B. 766(1997)109
- Chaudron-Thozet, H., see Dautraix, S. 756(1996)203

- Chauvaux, N., Van Dongen, W., Esmans, E.L. and Van Onckelen, H.A.
Quantitative analysis of 1-aminocyclopropane-1-carboxylic acid by liquid chromatography coupled to electrospray tandem mass spectrometry 775(1997)143
- Chaves, N., Ríos, J.J., Gutierrez, C., Escudero, J.C. and Olías, J.M.
Analysis of secreted flavonoids of *Cistus ladanifer* L. by high-performance liquid chromatography-particle beam-mass spectrometry 799(1998)111
- Chen, A.B., see Hunt, G. 800(1998)355
- Chen, C.F., see Tsai, T.H. 762(1997)269
- Chen, C.-K., see Sun, S.-W. 767(1997)277
- Chen, C.-K., see Sun, S.-W. 799(1998)337
- Chen, C.-M., see Lee, M.-R. 775(1997)267
- Chen, D.D.Y., see Britz-McKibbin, P. 781(1997)23
- Chen, D.D.Y., see Peng, X. 767(1997)205
- Chen, E.C.M., see Wentworth, W.E. 795(1998)319
- Chen, F.-T.A., see Rampal, S. 781(1997)357
- Chen, H., see Jin, W. 765(1997)307
- Chen, H.-S., see Chang, H.-T. 800(1998)339
- Chen, H.-Y., see Lin, H. 760(1997)227
- Chen, J., Preston, B.P. and Zimmerman, M.J.
Analysis of organic acids in industrial samples. Comparison of capillary electrophoresis and ion chromatography 781(1997)205
- Chen, J., Zhang, L., Tian, Y. and Wang, L.
Novel approach for the prediction of retention times in operating parameter programmed gas-liquid chromatography with capillary columns 795(1998)305
- Chen, K., Chen, P., Nie, L. and Yao, S.
Design of double cell quartz crystal detector for ion chromatography and its applications to determination of organic acids in traditional Chinese herb medicine 753(1996)171
- Chen, L., Thompson, R., Grinberg, N., Johnson, B. and Ellison, D.
Enantioseparation of a protease inhibitor, indinavir, by subcritical fluid chromatography 752(1996)101
- Chen, L.R., see Liu, X. 789(1997)569
- Chen, L.R., Tan, G.Z. and Liu, X.
Ion chromatographic separation of metallic ions on a bonded poly- β -diketone-type non-cyclic crown ether stationary phase 789(1997)135
- Chen, L.-Y., see Sun, S.-W. 766(1997)215
- Chen, L.-Y., see Sun, S.-W. 767(1997)277
- Chen, M.H. and Horváth, Cs.
Temperature programming and gradient elution in reversed-phase chromatography with packed capillary columns 788(1997)51
- Chen, P., see Chen, K. 753(1996)171
- Chen, P. and Zhang, M.
Separation of positional isomers of nitrobenzoic acid by reversed-phase liquid chromatography with 2-propanol-water-acetic acid as eluent 773(1997)365
- Chen, P.-R., see Ding, M.-Y. 764(1997)341
- Chen, Q.-c., Mou, S.-f., Liu, K.-n., Yang, Z.-y. and Ni, Z.-m.
Separation and determination of four artificial sweeteners and citric acid by high-performance anion-exchange chromatography 771(1997)135
- Chen, Q.-C., Mou, S.-F., Yan, Y. and Ni, Z.-M.
Separation and determination of inorganic germanium and β -carboxyethylgermanium sesquioxide by high-performance ion-exclusion chromatography 789(1997)403
- Chen, S., see Pietrzyk, D.J. 775(1997)327
- Chen, S.-H., see McGuffin, V.L. 762(1997)35
- Chen, S.-H., see Wu, H.-L. 769(1997)201
- Chen, S.-H., Wu, H.-L., Yen, C.-H., Wu, S.-M., Lin, S.-J. and Kou, H.-S.
Trace determination of methanol in water-ethanol solution by derivatization and high-performance liquid chromatography 799(1998)93
- Chen, S.X., Hammond, D.J., Klos, A.M., Wood, W.D., Wydick, J.E. and Lebing, W.R.
Chromatographic purification of human α_1 proteinase inhibitor from dissolved Cohn fraction IV-1 paste 800(1998)207
- Chen, Y.
Critical conditions for separating the microheterogeneous components of glycoproteins by capillary electrophoresis 768(1997)39
- Chen, Y., see Huang, A. 755(1996)138
- Chen, Y., see Jing, P. 752(1996)189
- Chen, Y., Wang, F.-L. and Schwarz, U.
Polyacrylamide gradient gel-filled capillaries with low detection background 772(1997)129
- Chen, Y.-C., see Lin, C.-E. 775(1997)349
- Chen, Y.-C., see Lin, C.-E. 776(1997)362
- Chen, Y.-C., see Lin, C.-E. 792(1997)37
- Chen, Y.-Y., see Zhou, X.-C. 753(1996)269
- Chen, Yi-H., see Yu, T. 790(1997)31
- Chen, Yu.-m., Pietrzyk, R.A. and Whitson, P.A.
Quantification of urinary uric acid in the presence of thymol and thimerosal by high-performance liquid chromatography 763(1997)187
- Chen, Z. and Alexander, P.W.
Potentiometric detection of aliphatic amines by flow injection analysis and ion-interaction chromatography with a metallic copper electrode 758(1997)227
- Chen, Z.-L. and Hibbert, D.B.
Simultaneous amperometric and potentiometric detection of sugars, polyols and carboxylic acids in flow systems using copper wire electrodes 766(1997)27
- Chen, Z.-M. and Wang, Y.-H.
Chromatographic methods for the determination of pyrethrin and pyrethroid pesticide residues in crops, foods and environmental samples (Review) 754(1996)367
- Chen, Z.Y., see Gao, R.Y. 763(1997)125
- Cheng, C. and Ma, J.-H.
Glucose metabolism and bioreduction of 2-butanone by *Candida utilis* studied by means of ion-exchange chromatography 763(1997)205
- Cheng, C.-H., see Jen, J.-F. 791(1997)357
- Cheng, J., Kasuga, T., Mitchelson, K.R., Lightly, E.R.T., Watson, N.D., Martin, W.J. and Atkinson, D.
Erratum to 'Polymerase chain reaction heteroduplex polymorphism analysis by entangled solution capillary electrophoresis'. [J. Chromatogr. A, 677 (1994) 169-177] 771(1997)389

- Cheng, J. and Mitchelson, K.R.
Improved separation of six harmane alkaloids by high-performance capillary electrophoresis 761(1997)297
- Cheng, J., see Song, L. 780(1997)297
- Cheng-Yu Wang, F.
Determination of polyacrylamide in polyvinyl alcohol by pyrolysis-gas chromatography with atomic emission detection 753(1996)101
- Cheng-Yu Wang, F.
Composition and structure analysis of styrene-maleic anhydride copolymer by pyrolysis-gas chromatography 765(1997)279
- Cherkaoui, S., Doumenc, N., Tachon, P., Neeser, J.-R. and Veuthey, J.-L.
Development of a capillary zone electrophoresis method for caseinoglycomacropeptide determination 790(1997)195
- Cherskii, V.V., see Danilov, A.V. 773(1997)103
- Chesler, S.N., Emery, A.P. and Duewer, D.L.
Recovery of diesel fuel from soil by supercritical fluid extraction-gas chromatography 790(1997)125
- Chesnokov, V.V., see Zheivot, V.I. 786(1997)117
- Cheung, A.P., He, J. and Ha, Y.
New hydrolytic products detected in aqueous solutions of bromodeoxyuridine 797(1998)283
- Cheung, J. and Wells, R.J.
Analysis of phenolic compounds in effluent by solid-phase extraction and gas chromatography-mass spectrometry with direct on-column benzylolation: sensitive negative ion chemical ionisation gas chromatography-mass spectrometry detection of phenyl benzyl ethers 771(1997)203
- Chevalier, J.-M., see Bonté, F. 791(1997)231
- Cheynier, V., see Fulcrand, H. 752(1996)85
- Chiari, M., see Potocek, B. 798(1998)269
- Chiari, M., Riva, S., Gelain, A., Vitale, A. and Turati, E.
Separations of DNA fragments by capillary electrophoresis in N-substituted polyacrylamides 781(1997)347
- Chienthavorn, O., see Smith, R.M. 798(1998)203
- Childs, B., see Williams, R.L. 781(1997)107
- Chilmonczyk, Z., Ksycińska, H., Mazgajska, M., Cybulski, J. and Kaliszak, R.
Non-linear structure-enantioselective retention relationships in a homologous series of 1,4-disubstituted piperazine derivatives 788(1997)81
- Chiou, W.-C., see Lin, C.-E. 755(1996)261
- Chmelík, J., Chmelíková, J. and Novotny, M.V.
Characterization of dextrans by size-exclusion chromatography on unmodified silica gel columns, with light-scattering detection, and capillary electrophoresis with laser-induced fluorescence detection 790(1997)93
- Chmelíková, J., see Chmelík, J. 790(1997)93
- Chmielewska, A., see Zarzycki, P.K. 787(1997)227
- Chodura, A., see Fischer, K. 770(1997)229
- Choi, O.-K. and Jo, J.-S.
Determination of L-ascorbic acid in foods by capillary zone electrophoresis 781(1997)435
- Chong, J.M., see Pan, L. 773(1997)249
- Chong Loh, K., Jian Yao, Z., Yap, M.G.S. and Chung, M.C.M.
Role of polyethyleneimine in the purification of recombinant human tumour necrosis factor beta 760(1997)165
- Choudhary, G. and Horváth, Cs.
Dynamics of capillary electrochromatography. Experimental study on the electroosmotic flow and conductance in open and packed capillaries 781(1997)161
- Chow, D.T., see Pergantis, S.A. 764(1997)211
- Chrambach, A., see Radko, S.P. 781(1997)277
- Christen, P., see Kohler, M. 785(1997)353
- Christie, W.W., see Momchilova, Sv. 793(1998)275
- Chu, C.-Y. and Sheu, S.-J.
Liquid chromatographic separation of the alkaloids in coptis-evodia herb couple 756(1996)137
- Chu, I., Bodnar, J.A., White, E.L. and Bowman, R.N.
Quantification of vincristine and vinblastine in *Catharanthus roseus* plants by capillary zone electrophoresis 755(1996)281
- Chuang, W.-C., see Lee, M.-C. 755(1996)113
- Chuang, W.-C., Young, D.-S., Kao Liu, L. and Sheu, S.-J.
Liquid chromatographic-electrospray mass spectrometric analysis of *Coptidis Rhizoma* 755(1996)19
- Chung, M.C.M., see Chong Loh, K. 760(1997)165
- Chwatko, G., see Kaniowska, E. 798(1998)27
- Ciccioli, P., Brancaleoni, E., Mabilia, R. and Cecinato, A.
Simple laboratory-made system for the determination of C₂-C₇ hydrocarbons relevant to photochemical smog pollution 777(1997)267
- Cid, A., see Torres, E. 775(1997)339
- Cifuentes, A., see de Frutos, M. 778(1997)43
- Cifuentes, A., Valencia, J., Sanz, E., Sánchez, M.J. and Rodríguez-Delgado, M.A.
Separation and quantitation of debrisoquine and 4-hydroxydebrisoquine in human urine by capillary electrophoresis and high-performance liquid chromatography 778(1997)389
- Ciolkowski, E.L., see Platzer, D.J. 793(1998)57
- Cioni, F., see Ferrari, R. 795(1998)371
- Ciranni, E., see Valvo, L. 797(1998)311
- Cladrowa-Runge, S. and Rizzi, A.
Enantioseparation of 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate-derivatized-amino acids by capillary zone electrophoresis using native and substituted β-cyclodextrins as chiral additives. I. Discussion of optimum separation conditions 759(1997)157
- Cladrowa-Runge, S. and Rizzi, A.
Enantioseparation of 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate-derivatized amino acids by capillary zone electrophoresis using native and substituted β-cyclodextrins as chiral additives. II. Evaluation of complexation constants 759(1997)167
- Claessens, H.A., see Harms, A.V. 755(1996)219
- Claessens, H.A., see Ingelse, B.A. 755(1996)251
- Claessens, H.A., see Kirkland, J.J. 762(1997)97
- Claessens, H.A., see Kirkland, J.J. 797(1998)111
- Claessens, H.A., see Muijselaar, P.G. 764(1997)127
- Claessens, H.A., see Muijselaar, P.G. 764(1997)323
- Claessens, H.A., see Muijselaar, P.G. 765(1997)295
- Claessens, H.A., see Muijselaar, P.G. 766(1997)187
- Claessens, H.A., see Philipsen, H.J.A. 761(1997)147
- Claessens, H.A., see Philipsen, H.J.A. 790(1997)101
- Claessens, H.A., see Scholten, A.B. 759(1997)37
- Claessens, H.A., see Vissers, J.P.C. 779(1997)1

- Clark, B.J., see Kelly, M.A. 768(1997)73
 Clark, B.J., see Kelly, M.A. 781(1997)67
 Clark, B.J., see Kelly, M.A. 798(1998)297
 Clauss, T.R.W., see Harvey, S.D. 753(1996)81
 Clayton, W., see O'Keefe, P.W. 771(1997)169
 Clench, M.R., see Douce, D.S. 786(1997)275
 Clifford, A.A., Bartle, K.D., Gelebart, I. and Zhu, S.
 Fractionation of polymers using supercritical fluid extraction 785(1997)395
 Clifford, A.A., see Heaton, D.M. 753(1996)306
 Clifton, M.J.
 Continuous-flow electrophoresis in the Taylor regime: a new possibility for preparative electrophoresis 757(1997)193
 Climent, M.J. and Miranda, M.A.
 Erratum to "Gas chromatographic-mass spectrometric study of photodegradation of carbamate pesticides". [J. Chromatogr. A, 738 (1996) 225-231] 761(1997)341
 Co, A.C., Ko, A.N., Ye, L. and Lucy, C.A.
 Modification of 4-(2-pyridylazo)-resorcinol postcolumn reagent selectivity through competitive equilibria with chelating ligands 770(1997)69
 Coccia, F., see Cartoni, G.P. 782(1997)219
 Cochet, S., see Hasnaoui, M. 766(1997)49
 Cochrane, R., see Stratford, M.R.L. 770(1997)151
 Coello, J., see Blanco, M. 793(1998)165
 Coello, J., see Blanco, M. 799(1998)301
 Coenegracht, P.M.J., see Sacchero, G. 799(1998)35
 Coeur, C., Jacob, V., Denis, I. and Foster, P.
 Decomposition of α -pinene and sabinene on solid sorbents, Tenax TA and Carboxen 786(1997)185
 Coffey, H., see Liu, J. 763(1997)261
 Coffman, J.L., see Lightfoot, E.N. 760(1997)139
 Cofino, W.P., see Steen, R.J.C.A. 766(1997)153
 Cogliandro, E., see Corradini, C. 791(1997)343
 Cohen, E., see Eng, G.Y. 799(1998)349
 Cohen, L.S., see Moritz, R.L. 798(1998)91
 Cohen, S.A., see Van Wandelen, C. 763(1997)11
 Cole, D.E.C. and Evrovski, J.
 Quantitation of sulfate and thiosulfate in clinical samples by ion chromatography 789(1997)221
 Cole, K.D. and Cabezas, Jr, H.
 Improved preparative electrochromatography column design 760(1997)259
 Coleman, D.E., see Vanatta, L.E. 770(1997)105
 Coleman, M.W., see Owens, P.K. 797(1998)149
 Coleman, M.W., see Owens, P.K. 797(1998)187
 Colgan, S.T., Reed, R.H., Dumont, M.L. and Haggan, G.R.
 Assay and purity evaluation of CP-93,393-1 by reversed-phase liquid chromatography. A snapshot of current practices for liquid chromatography methods development and validation 764(1997)233
 Colin, H., see Dapremont, O. 796(1998)81
 Collet, J. and Gareil, P.
 Micellar electrokinetic chromatography of long chain saturated and unsaturated free fatty acids with neutral micelles. Considerations regarding selectivity and resolution optimization 792(1997)165
 Collins, B.M., see Corthals, G.L. 773(1997)299
 Collins, C.H., Pezzin, S.H., Rivera, J.F.L., Bonato, P.S., Windmöller, C.C., Archundia, C. and Collins, K.E.
 Liquid chromatographic separation of aqueous species of Cr(VI) and Cr(III) 789(1997)469
 Collins, K.E., see Collins, C.H. 789(1997)469
 Colmsjö, A., see Becker, G. 775(1997)295
 Colombara, R., see Tavares, M.F.M. 772(1997)171
 Colón, L.A., see Narang, P. 773(1997)65
 Colyer, C.L., Mangru, S.D. and Harrison, D.J.
 Microchip-based capillary electrophoresis of human serum proteins 781(1997)271
 Coman, V., Măruțoiu, C. and Puiu, S.
 Optimization of separation of some polycyclic aromatic compounds by thin-layer chromatography 779(1997)321
 Combariza, M.Y., see Stashenko, E.E. 752(1996)223
 Combs, M.T., see Ashraf-Khorassani, M. 774(1997)37
 Combs, M.T., Ashraf-Khorassani, M. and Taylor, L.T.
 Packed column supercritical fluid chromatography-mass spectroscopy: A review (Review) 785(1997)85
 Comellas, L., see Ibañez, E. 775(1997)287
 Comellas, L., see Sabala, A. 778(1997)103
 Comellas, L., see Tharsis, N. 778(1997)95
 Comesá, M., see Leão, J.M. 798(1998)131
 Commeyras, A., see Vandebaele, O. 795(1998)239
 Compañó, R., see Abalos, M. 788(1997)1
 Compston, C.A., see Le, X.C. 781(1997)515
 Compton, R.N., see Kele, M. 786(1997)31
 Connor, S., see O'Keefe, P.W. 771(1997)169
 Conradi, S., see Wittrisch, H. 781(1997)407
 Conte, E., Milani, R., Morali, G. and Abballe, F.
 Comparison between accelerated solvent extraction and traditional extraction methods for the analysis of the herbicide diflufenican in soil 765(1997)121
 Conti, M., Galassi, M., Bossi, A. and Righetti, P.G.
 Capillary isoelectric focusing: the problem of protein solubility 757(1997)237
 Conti, M., see Righetti, P.G. 767(1997)255
 Cook, K., see Monaghan, M. 770(1997)143
 Cooke, M., see Douce, D.S. 786(1997)275
 Coolen, S.A.J., Everaerts, F.M. and Huf, F.A.
 Characterization of ^{60}Co γ -radiation induced radical products of antipyrine by means of high-performance liquid chromatography, mass spectrometry, capillary zone electrophoresis, micellar electrokinetic capillary chromatography and nuclear magnetic resonance spectrometry 788(1997)95
 Cooper, D.A., see Moore, J.M. 756(1996)193
 Copeta, G.L., see Sicbaldi, F. 765(1997)23
 Cordis, G.A., Das, D.K. and Riedel, W.
 High-performance liquid chromatographic peak identification of 2,4-dinitrophenylhydrazine derivatives of lipid peroxidation aldehydes by photodiode array detection 798(1998)117
 Corradini, C., Canali, G., Cogliandro, E. and Nicoletti, I.
 Separation of aldolts of interest in food products by high-performance anion-exchange chromatography with pulsed amperometric detection 791(1997)343
 Corradini, D., see Zolla, L. 779(1997)131
 Correa, C.A., see Galeano Díaz, T. 764(1997)243

- Corstjens, H., Billiet, H.A.H., Frank, J. and Luyben, K.Ch.A.M.
Equation for the description of the resolution of charged
solutes in micellar electrokinetic capillary chromatography
753(1996)127
- Corthals, G.L., Collins, B.M., Mabbutt, B.C., Williams, K.L.
and Gooley, A.A.
Purification by reflux electrophoresis of whey proteins and
of a recombinant protein expressed in *Dictyostelium
discoideum* 773(1997)299
- Coscia, D., see Aftalaye, A. 761(1997)195
- Cossignani, L., see Damiani, P. 758(1997)109
- Costa Pessoa, J., see Borges, C. 770(1997)195
- Cottet, H. and Gareil, P.
Electrophoretic behaviour of fully sulfonated polystyrenes
in capillaries filled with entangled polymer solutions
772(1997)369
- Cottier, S., Riquet, A.M., Feigenbaum, A., Pollet, B., Lapierre,
C. and Mortreuil, P.
Identification of potential migrants from a vinylic organosol
varnish by gas chromatography-mass spectrometry and
liquid chromatography-mass spectrometry 771(1997)366
- Couderc, F., see Arellano, M. 765(1997)321
- Couderc, F., see Arellano, M. 781(1997)497
- Couderc, F., see Nouadje, G. 765(1997)337
- Couderc, F., see Zuriguel, V. 781(1997)233
- Court, W.A., Hendel, J.G. and Elmi, J.
Reversed-phase high-performance liquid chromatographic
determination of ginsenosides of *Panax quinquefolium*
755(1996)11
- Court, W.A., Hendel, J.G. and Elmi, J.
Erratum to "Reversed-phase high-performance liquid
chromatographic determination of ginsenosides of *Panax
quinquefolium*". [J. Chromatogr. A 755 (1996) 11]
771(1997)387
- Cox, S.F., see Locke, I.C. 788(1997)75
- Cox, G.B., see Dapremont, O. 796(1998)81
- Cramer, S.M., see Gallant, S.R. 771(1997)9
- Cramers, C., see Snijders, H. 756(1996)175
- Cramers, C.A., see Lou, X. 785(1997)57
- Cramers, C.A., see Muijselaar, P.G. 764(1997)127
- Cramers, C.A., see Muijselaar, P.G. 764(1997)323
- Cramers, C.A., see Muijselaar, P.G. 765(1997)295
- Cramers, C.A., see Muijselaar, P.G. 766(1997)187
- Cramers, C.A., see Pham Tuan, H. 791(1997)177
- Cramers, C.A., see Pham Tuan, H. 791(1997)187
- Cramers, C.A., see Scholten, A.B. 759(1997)37
- Cramers, C.A., see van Lieshout, M.P.M. 764(1997)73
- Cramers, C.A., see Vissers, J.P.C. 779(1997)1
- Creaser, C.S., Feely, S.J., Houghton, E. and Seymour, M.
Immunoaffinity chromatography combined on-line with
high-performance liquid chromatography-mass
spectrometry for the determination of corticosteroids
794(1998)37
- Creasy, W.R., Stuff, J.R., Williams, B., Morrissey, K., Mays, J.,
Duevel, R. and Durst, H.D.
Identification of chemical-weapons-related compounds in
decontamination solutions and other matrices by multiple
chromatographic techniques 774(1997)253
- Creed, J.T., Magnuson, M.L., Pfaff, J.D. and Brockhoff, C.
Determination of bromate in drinking waters by ion
chromatography with inductively coupled plasma mass
spectrometric detection 753(1996)261
- Crenshaw, M.D., see Vermillion, W.D. 770(1997)253
- Crespín, M.A., Ballesteros, E., Gallego, M. and Valcárcel, M.
Trace enrichment of phenols by on-line solid-phase
extraction and gas chromatographic determination
757(1997)165
- Cripps, G.C. and Tarling, G.A.
Rapid procedure for the isolation and analysis of fatty acid
and fatty alcohol fractions from wax esters of marine
zooplankton 760(1997)309
- Cristaferi, G., see Bartolozzi, F. 758(1997)99
- Croft, M.Y., see Barden, T.J. 785(1997)251
- Crommen, J., see Ceccato, A. 760(1997)193
- Cross, R.F. and Cao, J.
Salt effects in capillary zone electrophoresis. I. Dependence
of electrophoretic mobilities upon the hydrodynamic radius
786(1997)171
- Crouch, M.D. and Barker, S.A.
Analysis of toxic wastes in tissues from aquatic species.
Applications of matrix solid-phase dispersion
774(1997)287
- Crowther, D., see M. Monaghan, J. 770(1997)143
- Crozier, A., Jensen, E., Lean, M.E.J. and McDonald, M.S.
Quantitative analysis of flavonoids by reversed-phase high-
performance liquid chromatography 761(1997)315
- Csabai, K., see Szemán, J. 763(1997)139
- Cserháti, T. and Forgács, E.
Relationship between the hydrophobicity and specific
hydrophobic surface area of pesticides determined by high-
performance liquid chromatography compared with
reversed-phase thin-layer chromatography 771(1997)105
- Cserháti, T. and Forgács, E.
Separation and quantitative determination of non-ionic
surfactants used as pesticide additives 774(1997)265
- Cserháti, T. and Forgács, E.
Study of the binding of antibiotics to human serum
albumin by charge-transfer chromatography 776(1997)31
- Cserháti, T., see Forgács, E. 797(1998)33
- Cserháti, T., see Németh-Kiss, V. 776(1997)147
- Csiszár, H., see Révész, G. 753(1996)253
- Csokán, P., see Morovján, G. 797(1998)237
- Csomós, P., see Péter, A. 761(1997)103
- Csomós, P., see Török, G. 797(1998)177
- Cuhra, P., see Hajšlová, J. 800(1998)283
- Cullen, W.R., see Pergantis, S.A. 764(1997)211
- Cunniff, J., see Tiller, P.R. 771(1997)119
- Čurda, L., Belháčová, L., Uhrová, M., Štětina, J. and Fukal, L.
Assessment of heat-induced denaturation of whey proteins
772(1997)231
- Current, R.W. and Tilotta, D.C.
Determination of total petroleum hydrocarbons in soil by
on-line supercritical fluid extraction-infrared spectroscopy
using a fiber-optic transmission cell and a simple filter
spectrometer 785(1997)269
- Cuthbert, M., see Brown, P. 754(1996)463
- Cybulski, J., see Chilmonceyk, Z. 788(1997)81
- Cyr, T.D., see Girard, M. 772(1997)235

- Czajkowska, T. and Jaroniec, M.
Selectivity of alkylamide bonded-phases with respect to organic acids under reversed-phase conditions 762(1997)147
- Czerwinski, J., see Biziuk, M. 754(1996)103
- Czichocki, G., Heger, R., Goedel, W.A. and Much, H.
Liquid chromatography of polyisoprenes: determination of critical composition using non protic binary and acidic ternary solvent mixtures 791(1997)350
- D**
- Dabek-Zlotorzynska, E., Piechowski, M., Liu, F., Kennedy, S. and Dlouhy, J.F.
Routine determination of major anions in atmospheric aerosols by capillary electrophoresis 770(1997)349
- Dacombe, C., see Larger, P.J. 799(1998)309
- Da Costa, C.T., Nelson, B.C., Margolis, S.A. and Horton, D.
Separation of blackcurrant anthocyanins by capillary zone electrophoresis 799(1998)321
- D'Agostino, P.A., Hancock, J.R. and Provost, L.R.
Analysis of bioactive peptides by liquid chromatography–high-resolution electrospray mass spectrometry 767(1997)77
- D'Agostino, P.A., Hancock, J.R., Provost, L.R., Semchuk, P.D. and Hodges, R.S.
Liquid chromatographic–high-resolution mass spectrometric and tandem mass spectrometric identification of synthetic peptides using electrospray ionization 800(1998)89
- Dahlöf, I., Svensson, O. and Torstensson, C.
Optimising the determination of nitrate and phosphate in sea water with ion chromatography using experimental design 771(1997)163
- Dahlmann, U.H., see Kautz, C.B. 776(1997)305
- Dai, Q., see García-Domínguez, J.A. 787(1997)145
- Dai, R., see Jing, P. 752(1996)189
- Dai, R., see Zhang, H. 787(1997)161
- Dallakian, P. and Budzikiewicz, H.
Gas chromatography–chemical ionization mass spectrometry in amino acid analysis of pyoverdins 787(1997)195
- Dalle, J., see Adams, E. 766(1997)133
- Dalle, J., see Zhu, Y. 792(1997)83
- Dalluge, J.J., Nelson, B.C., Brown Thomas, J. and Sander, L.C.
Selection of column and gradient elution system for the separation of catechins in green tea using high-performance liquid chromatography 793(1998)265
- Dalmora, S., de Oliveira, J.E., Affonso, R., Gimbo, E., Ribela, M.T.C.P. and Bartolini, P.
Analysis of recombinant human growth hormone directly in osmotic shock fluids 782(1997)199
- D'Amato, G., see Castello, G. 779(1997)275
- Damiani, P., Cossignani, L., Simonetti, M.S., Campisi, B., Favretto, L. and Favretto, L.G.
Stereospecific analysis of the triacylglycerol fraction and linear discriminant analysis in a climatic differentiation of Umbrian extra-virgin olive oils 758(1997)109
- Damiano, V., see De Paoli, M. 765(1997)127
- Dams, R., see De Smaele, T. 793(1998)99
- Danalatos, D. and Glavas, S.
Improvement in the use of capillary columns for ambient air peroxyacetyl nitrate monitoring 786(1997)361
- Danielson, N.D., see Gallagher, P.A. 781(1997)533
- Danilov, A.V., Vagenina, I.V., Mustaeva, L.G., Moshnikov, S.A., Gorbunova, E.Yu., Cherskii, V.V. and Baru, M.B.
Liquid chromatography on soft packing material, under axial compression. Size-exclusion chromatography of polypeptides 773(1997)103
- Danks, N., see Smith, R.M. 798(1998)203
- Dapremont, O., Cox, G.B., Martin, M., Hilaireau, P. and Colin, H.
Effect of radial gradient of temperature on the performance of large-diameter high-performance liquid chromatography columns. I. Analytical conditions 796(1998)81
- Das, D.K., see Cordis, G.A. 798(1998)117
- D'Ascenzo, G., Gentili, A., Marchese, S. and Perret, D.
Development of a method based on liquid chromatography–electrospray mass spectrometry for analyzing imidazolinone herbicides in environmental water at part-per-trillion levels 800(1998)109
- Daschner, F., see Kümmerer, K. 774(1997)281
- Dash, A.K., see Haney, P.W. 765(1997)233
- Da Silva, M.P., Procopio, J.R. and Hernández, L.
Reversed-phase high-performance liquid chromatography of pyrrolidinedithiocarbamate complexes of mercuric species using amperometric and coulometric detection 761(1997)139
- Da Silveira, M.I.N., see Lino, C.M. 769(1997)275
- Dauneau, P. and Perez-Martinez, G.
Fractional factorial design and multiple linear regression to optimise extraction of volatiles from a *Lactobacillus plantarum* bacterial suspension using purge and trap 775(1997)225
- Dautraix, S., Guilluy, R., Chaudron-Thozet, H., Brazier, J.L. and Lamotte, A.
¹³C Isotopic analysis of an acetaminophen and diacetylmorphine mixture 756(1996)203
- Dauwe, C. and Sellergren, B.
Influence of template basicity and hydrophobicity on the molecular recognition properties of molecularly imprinted polymers 753(1996)191
- David, F., see Medvedovici, A. 785(1997)159
- Davies, D.H., see Yasin, M. 754(1996)235
- Davies, M.C., see Wan, Q.-H. 765(1997)187
- Davies, M.C., see Wan, Q.-H. 786(1997)249
- Davis, A.E., see Blackwell, P.A. 770(1997)93
- Davis, E., see Guan-Sajonz, H. 773(1997)33
- Davis, J.M., see Ratto, J.J. 763(1997)337
- Dawra, R.K., see Sharma, O.P. 786(1997)181
- De Alba, M., see Garrido, J. 765(1997)91

- Dean, J.R.
Effect of soil–pesticide interactions on the efficiency of supercritical fluid extraction (Review) 754(1996)221
- Dean, J.R., Liu, B. and Price, R.
Extraction of Tanshinone IIA from *Salvia miltiorrhiza bunge* using supercritical fluid extraction and a new extraction technique, phytosol solvent extraction 799(1998)343
- Dean, J.R., see Saim, N. 791(1997)361
- Dear, G.J., Fraser, I.J., Patel, D.K., Long, J. and Pleasance, S.
Use of liquid chromatography–tandem mass spectrometry for the quantitative and qualitative analysis of an antipsychotic agent and its metabolites in human plasma and urine 794(1998)27
- De Barreda, D.G., see de Barreda Jr., D.G. 795(1998)125
- De Barreda Jr., D.G., Vila, M.G., Rueda, E.L., Olmo, A.S., de Barreda, D.G., de la Cuadra, J.G., Ten, A. and Peris, C.
Dissipation of some citrus selective residual herbicides in an irrigation well 795(1998)125
- Debbia, M., see Hasnaoui, M. 766(1997)49
- Debets, A.J.J., see Vervoort, R.J.M. 765(1997)157
- De Bie, E., see Adams, E. 766(1997)133
- De Boer, J., see de Geus, H.-J. 767(1997)137
- De Boer, T. and Ensing, K.
Influence of the sample volume and the position of the electrode and the capillary-end in the sample vial on the electrokinetic injection in capillary electrophoresis 788(1997)212
- De Bruyn, G., see Keymeulen, R. 774(1997)213
- Debusschere, L., see Albert, M. 757(1997)281
- Debusschere, L., see Albert, M. 757(1997)291
- Debusschere, L., Demesmay, C., Rocca, J.L., Lachatre, G. and Lofti, H.
Separation of cardiac glycosides by micellar electrokinetic chromatography and microemulsion electrokinetic chromatography 779(1997)227
- De Carvalho, L.R.F., see Souza, S.R. 796(1998)335
- Decker, C., see Richling, E. 791(1997)71
- De Cooker, M.R., see Philipsen, H.J.A. 761(1997)147
- Dedieu, F., see Arellano, M. 765(1997)321
- Dedieu, F., see Nouadje, G. 765(1997)337
- De Frutos, M., Cifuentes, A. and Díez-Masa, J.C.
Multiple peaks in high-performance liquid chromatography of proteins. β -Lactoglobulins eluted in a hydrophobic interaction chromatography system 778(1997)43
- Degener, A., Belew, M. and Velander, W.H.
 Zn^{2+} -selective purification of recombinant proteins from the milk of transgenic animals 799(1998)125
- Degenhardt, M., see Kunkel, A. 768(1997)17
- Degenhardt, M. and Wätzig, H.
Purity control of carbamazepine by micellar electrokinetic chromatography 768(1997)113
- De Geus, H.-J., de Boer, J. and Brinkman, U.A.Th.
Development of a thermal desorption modulator for gas chromatography 767(1997)137
- De Haan, J.W., see Scholten, A.B. 759(1997)37
- de Haseth, J.A., see Turula, V.E. 763(1997)91
- De Jong, A.P.J.M., see Hogendoorn, E.A. 754(1996)49
- De Jong, A.P.J.M., see Van Bommel, M.R. 755(1996)205
- De Keukeleire, D., see Nascimento, R.F. 782(1997)13
- De Koster, C., see Klinkenberg, H. 794(1998)219
- De la Calle-Gutiñas, M.B. and Adams, F.C.
Selective determination of Sb(III) by gas chromatography–quartz furnace atomic absorption spectrometry after derivatization with triphenylmagnesium bromide 764(1997)169
- De la Cuadra, J.G., see de Barreda Jr., D.G. 795(1998)125
- De La Torre-Boronat, M.C., see Rodríguez-Palmero, M. 778(1997)435
- De La Torre-Boronat, M.C., see Rodríguez-Palmero, M. 793(1998)435
- Delbò, M., see Battinelli, L. 753(1996)47
- Del Carlo, G., see Ferrari, R. 795(1998)371
- De Leenheer, A.P., see Huo, J.-Z. 782(1997)63
- De Leeuw, P., see Venema, E. 765(1997)135
- Delgado-Pascual, R., see Sánchez-Martín, M.J. 754(1996)295
- Dellavedova, P., see Ferrari, R. 795(1998)371
- De Lorenzi, E., see Lloyd, D.K. 792(1997)349
- De Lorenzi, E., Massolini, G., Lloyd, D.K., Monaco, H.L., Galbusera, C. and Caccialanza, G.
Evaluation of quail egg white riboflavin binding protein as a chiral selector in high-performance liquid chromatography and capillary electrophoresis 790(1997)47
- Del Nozal, M., see Bernal, J.L. 765(1997)109
- Del Nozal, M.^aJ., see Jiménez, J.J. 778(1997)289
- Del Nozal, M.^aJ., see Bernal, J.L. 778(1997)111
- Del Nozal, M.J., see Bernal, J.L. 754(1996)145
- Del Nozal, M.J., see Bernal, J.L. 754(1996)507
- Del Nozal, M.J., see Bernal, J.L. 787(1997)129
- Deltent, M.-F., see Cavoy, E. 769(1997)49
- Demesmay, C., see Albert, M. 757(1997)281
- Demesmay, C., see Albert, M. 757(1997)291
- Demesmay, C., see Debusschere, L. 779(1997)227
- Demin, A.A., Mogilevskaya, A.D. and Samsonov, G.V.
Synergistic effects in the processes of protein multicomponent sorption 760(1997)105
- Demirbüker, M., see Andersson, M.B.O. 785(1997)337
- Den Hartigh, J., see Sparidans, R.W. 782(1997)211
- Den, J., see Li, H. 773(1997)361
- Deng, L., see Prokai, L. 800(1998)59
- Denis, I., see Coeur, C. 786(1997)185
- Denizli, A., see Arica, M.Y. 799(1998)83
- Denizli, A., Salih, B., Arica, M.Y., Kesenci, K., Hasirci, V. and Pişkin, E.
Cibacron Blue F3GA-incorporated macroporous poly(2-hydroxyethyl methacrylate) affinity membranes for heavy metal removal 758(1997)217
- Denizli, A., Salih, B. and Pişkin, E.
New sorbents for removal of heavy metal ions: diamine-glow-discharge treated polyhydroxyethylmethacrylate microspheres 773(1997)169
- Denizli, A., Tanyolaç, D., Salih, B. and Özدural, A.
Cibacron Blue F3GA-attached polyvinylbutyral microbeads as novel magnetic sorbents for removal of Cu(II), Cd(II) and Pb(II) ions 793(1998)47
- Dennis, M.F., see Everett, S.A. 770(1997)273
- Dennis, M.F., see Stratford, M.R.L. 770(1997)151
- Denoroy, L., see Bert, L. 755(1996)99
- Denoyer, E., see Bird, S.M. 789(1997)349
- Denton, G., see Murray, A. 782(1997)49

- De Oliveira, J.E., see Dalmora, S. 782(1997)199
- De Paoli, M., Taccheo Barbina, M., Damiano, V., Fabbro, D. and Bruno, R.
Simplified determination of combined residues of prochloraz and its metabolites in vegetable, fruit and wheat samples by gas chromatography 765(1997)127
- Depauw, G.A. and Froment, G.F.
Molecular analysis of the sulphur components in a light cycle oil of a catalytic cracking unit by gas chromatography with mass spectrometric and atomic emission detection 761(1997)231
- Derkzen, M.W.J., see Vervoort, R.J.M. 765(1997)157
- Derrico, E.M., see Wolf, C. 782(1997)175
- Desai, N., see Shelton, C.M. 792(1997)455
- Desai, R.A., see Nittler, M.P. 779(1997)205
- Deshmukh, R.R., see Baygents, J.C. 779(1997)165
- Desiderio, C., see Fanali, S. 772(1997)185
- Desiderio, C., see Fanali, S. 800(1998)69
- Desiderio, C., Fanali, S., Gebauer, P. and Boček, P.
System peaks in capillary zone electrophoresis. II. Experimental study of vacancy peaks 772(1997)81
- Desiderio, C., Polcaro, C.M., Padiglioni, P. and Fanali, S.
Enantiomeric separation of acidic herbicides by capillary electrophoresis using vancomycin as chiral selector 781(1997)503
- Desiderio, D.M. and Zhu, X.
Quantitative analysis of methionine enkephalin and β -endorphin in the pituitary by liquid secondary ion mass spectrometry and tandem mass spectrometry 794(1998)85
- Desimoni, E., see Cataldi, T.R.I. 773(1997)115
- De Smaele, T., Moens, L., Dams, R., Sandra, P., Van der Eycken, J. and Vandijck, J.
Sodium tetra(*n*-propyl)borate: a novel aqueous in situ derivatization reagent for the simultaneous determination of organomercury, -lead and -tin compounds with capillary gas chromatography-inductively coupled plasma mass spectrometry 793(1998)99
- De Smedt, I., see Adams, E. 766(1997)133
- DeStefano, J.J., see Kirkland, J.J. 762(1997)97
- Detaevernier, M.R., see Boonkerd, S. 756(1996)279
- Detlefsen, D.J., see Liu, J. 763(1997)261
- Dette, C., see Kunkel, A. 781(1997)445
- Deuster, R., Lubahn, N., Friedrich, C. and Kleiböhmer, W.
Supercritical CO₂ assisted liquid extraction of nitroaromatic and polycyclic aromatic compounds in soil 785(1997)227
- Devant, R.M., see Schulte, M. 769(1997)93
- Deveney, J., see Jacobson, F.S. 763(1997)31
- De Voogt, P., see Rozemeijer, M.J.C. 755(1996)57
- De Voogt, P., see Rozemeijer, M.J.C. 761(1997)219
- Dewulf, J., Van Langenhove, H. and Everaert, M.
Solid-phase microextraction of volatile organic compounds. Estimation of the sorption equilibrium from the Kováts index, effect of salinity and humic acids and the study of the kinetics by the development of an "agitated/static layer" model 761(1997)205
- Deyl, Z., see Bellini, S. 772(1997)91
- Deyl, Z., see Mikšík, I. 772(1997)213
- Deyl, Z., see Mikšík, I. 772(1997)297
- Deyl, Z., Novotná, J., Mikšík, I. and Herget, J.
Micropreparation of tissue collagenase fragments of type I collagen in the form of surfactant-peptide complexes and their identification by capillary electrophoresis and partial sequencing 796(1998)181
- De Zeeuw, J., see Matisová, E. 754(1996)445
- De Zeeuw, R.A., see Viel, G.T. 776(1997)101
- Díaz, A.N., see Sánchez, F.G. 754(1996)97
- Díaz, D., see Payares, P. 771(1997)213
- Díaz, T.G., see Merás, I.D. 787(1997)119
- Di Corcia, A.
Characterization of surfactants and their biointermediates by liquid chromatography-mass spectrometry 794(1998)165
- Diez, J., see Merino, M.T. 760(1997)173
- Diez, M., see Galceran, M.T. 782(1997)289
- Diez, M., see Ruiz-Calero, V. 775(1997)91
- Díez, M.A., see Machnikowski, J. 778(1997)403
- Díez-Masa, J.C., see Benito, I. 778(1997)77
- Díez-Masa, J.C., see de Frutos, M. 778(1997)43
- Díez-Masa, J.C., see Marina, M.L. 752(1996)265
- Di Matteo, V. and Esposito, E.
Methods for the determination of nitrite by high-performance liquid chromatography with electrochemical detection 789(1997)213
- Dimov, N. and Osman, A.
Influence of conformation on the accuracy of quantitative-structure retention relationship calculations in gas chromatography 773(1997)368
- Di Muccio, A., Attard Barbini, D., Generali, T., Pelosi, P., Ausili, A., Vergori, F. and Camoni, I.
Clean-up of aqueous acetone vegetable extracts by solid-matrix partition for pyrethroid residue determination by gas chromatography-electron-capture detection 765(1997)39
- Di Muccio, A., Generali, T., Attard Barbini, D., Pelosi, P., Ausili, A., Vergori, F. and Girolimetti, S.
Single-step separation of organochlorine pesticide residues from fatty materials by combined use of solid-matrix partition and C₁₈ cartridges 765(1997)61
- Di Muccio, A., Pelosi, P., Attard Barbini, D., Generali, T., Ausili, A. and Vergori, F.
Selective extraction of pyrethroid pesticide residues from milk by solid-matrix dispersion 765(1997)51
- Di Muccio, A., Pelosi, P., Camoni, I., Attard Barbini, D., Dommarco, R., Generali, T. and Ausili, A.
Selective, solid-matrix dispersion extraction of organophosphate pesticide residues from milk 754(1996)497
- Dindal, A.B., Ma, C.Y., Skeen, J.T. and Jenkins, R.A.
Novel calibration technique for headspace analysis of semivolatile compounds 793(1998)397
- Ding, J., Szeliga, J., Dipple, A. and Vourou, P.
Application of mixed mobile phases and a step gradient method in capillary electrochromatography for the separation of isomeric polycyclic aromatic hydrocarbon-deoxyribonucleoside adduct mixtures prepared in vitro 781(1997)327
- Ding, M.-Y., Chen, P.-R. and Luo, G.-A.
Simultaneous determination of organic acids and inorganic anions in tea by ion chromatography 764(1997)341

- Diogo, M.M., Cabral, J.M.S. and Queiroz, J.A.
Preliminary study on hydrophobic interaction chromatography of *Chromobacterium viscosum* lipase on polypropylene glycol immobilized on Sepharose 796(1998)177
- Dios, G., see Sánchez-Rasero, F. 799(1998)355
- Dipple, A., see Ding, J. 781(1997)327
- Disnar, J.-R., see Maman, O. 755(1996)89
- Di Stefano, C., see Liebich, H.M. 763(1997)193
- Di Stefano, C., see Liebich, H.M. 793(1998)341
- Di Stefano, C., see Liebich, H.M. 795(1998)388
- Di Stefano, R., see Mateo, J.J. 778(1997)219
- Distler, A.R., see Ratto, J.J. 763(1997)337
- Ditz, R., see Schulte, M. 769(1997)93
- Dixon, S.A., see Mendoza, C.B. 762(1997)299
- Djordjevic, N.M., see Zhu, P.L. 756(1996)21
- Djordjevic, N.M., see Zhu, P.L. 756(1996)63
- Dlouhy, J.F., see Dabek-Złotorzynska, E. 770(1997)349
- Dobarganes, C., see Kamal-Eldin, A. 776(1997)245
- Dobashi, A. and Hamada, M.
Molecular recognition with micellar and micelle-like aggregates in aqueous media 780(1997)179
- Doble, P., Andersson, P. and Haddad, P.R.
Determination and prediction of transfer ratios for anions in capillary zone electrophoresis with indirect UV detection 770(1997)291
- Dobosz, C., see Bodzek, D. 774(1997)177
- Doco, T., see Fulcrand, H. 752(1996)85
- Dohm, J., see Poe, D.P. 785(1997)135
- Dolan, J.W. and Snyder, L.R.
Maintaining fixed band spacing when changing column dimensions in gradient elution 799(1998)21
- Dolan, J.W., see Zhu, P.L. 756(1996)21
- Dolan, J.W., see Zhu, P.L. 756(1996)41
- Dolan, J.W., see Zhu, P.L. 756(1996)51
- Dolan, J.W., see Zhu, P.L. 756(1996)63
- Doménech Carbó, M.T., see Mateo Castro, R. 778(1997)373
- Dommarco, R., see Di Muccio, A. 754(1996)497
- Dongowski, G.
Determination of saturated and unsaturated oligogalacturonic acids by means of thin-layer chromatography 756(1996)211
- Dongowski, G., see Schwarz, M.A. 781(1997)377
- Dordjević, M., see Mihajlović, A. 798(1998)173
- Dorsey, J.G., see Doyle, C.A. 779(1997)91
- Dose, E.V., see Williams, R.L. 781(1997)107
- Dosedlová, D., see Kastner, P. 766(1997)165
- Dott, W., see Hollender, J. 776(1997)233
- Douce, D.S., Clench, M.R., Cooke, M. and Wang, J.
Evidence for the adsorption of nitrated polycyclic aromatic hydrocarbons by tree bark 786(1997)275
- Doucet, J.-P., see Havel, J. 793(1998)317
- Doumenc, N., see Cherkaoui, S. 790(1997)195
- Dovichi, N.J., see Le, X.C. 781(1997)515
- Dovletoglou, A., see Zhou, L. 763(1997)279
- Dovletoglou, A., see Zhou, L. 773(1997)311
- Doyle, C.A., Vickers, T.J., Mann, C.K. and Dorsey, J.G.
Characterization of liquid chromatographic stationary phases by Raman spectroscopy. Effect of ligand type 779(1997)91
- Dragan, T., see Zgórka, G. 797(1998)305
- Dragani, L.K., see Frassanito, R. 795(1998)53
- Draisci, R., Giannetti, L., Boria, P., Lucentini, L., Palleschi, L. and Cavalli, S.
Improved ion chromatography-integrated pulsed amperometric detection method for the evaluation of biogenic amines in food of vegetable or animal origin and in fermented foods 798(1998)109
- Draisci, R., Giannetti, L., Lucentini, L., Palleschi, L., Brambilla, G., Serpe, L. and Gallo, P.
Determination of nitrofuran residues in avian eggs by liquid chromatography-UV photodiode array detection and confirmation by liquid chromatography-ionspray mass spectrometry 777(1997)201
- Draisci, R., Giannetti, L., Lucentini, L., Marchiafava, C., James, K.J., Bishop, A.G., Healy, B.M. and Kelly, S.S.
Isolation of a new okadaic acid analogue from phytoplankton implicated in diarrhetic shellfish poisoning 798(1998)137
- Draisci, R., see James, K.J. 777(1997)213
- Draisci, R., see Valvo, L. 797(1998)311
- Drange, E. and Lundanes, E.
Determination of long-chained fatty acids using non-aqueous capillary electrophoresis and indirect UV detection 771(1997)301
- Dreux, M., see Mercier, J.-P. 779(1997)245
- Dreux, M., see Morin, Ph. 791(1997)289
- Dreux, M., see Morin, Ph. 796(1998)375
- Dreux, M., see Salvador, A. 785(1997)195
- Du, Y., see Ning, J. 793(1998)193
- Dubey, J.K., Heberer, T. and Stan, H.-J.
Determination of ethylenethiourea in food commodities by a two-step derivatization method and gas chromatography with electron-capture and nitrogen-phosphorus detection 765(1997)31
- Dubin, P.L., see Gao, J.Y. 766(1997)233
- Dubin, P.L., see Wang, Y. 800(1998)181
- Dubinina, N.I., Kurenbin, O.I. and Tennikova, T.B.
Peculiarities of gradient ion-exchange high-performance liquid chromatography of proteins 753(1996)217
- Ducauze, C.J., see Eveleigh, L.J. 765(1997)241
- Ducret, A., see Figeys, D. 763(1997)295
- Duevel, R., see Creasy, W.R. 774(1997)253
- Duewer, D.L., see Chesler, S.N. 790(1997)125
- Duffy, C.F., see Bogan, D.P. 772(1997)321
- Dugay, J., Miège, C. and Hennion, M.-C.
Effect of the various parameters governing solid-phase microextraction for the trace-determination of pesticides in water 795(1998)27
- Dumont, M.L., see Colgan, S.T. 764(1997)233
- Dunemann, L., see Bucholski, K.A. 754(1996)479
- Dunkel, R., Rüttinger, H.-H. and Peisker, K.
Comparative study for the separation of aquatic humic substances by electrophoresis 777(1997)355
- Dunkel, R., Rüttinger, H.-H. and Peisker, K.
Erratum to "Comparative study for the separation of aquatic humic substances by electrophoresis". [J. Chromatogr. A, 777 (1997) 355-362] 791(1997)371
- Dunne, R., see Fagan, P.A. 770(1997)175
- Durand, A., see Renault, J.-H. 763(1997)345

- Durand, N., see Lawrence, J.F. 752(1996)147
 Dürbeck, H.W., see Kreisselmeier, A. 775(1997)187
 Durgbanshi, A. and Kok, W.Th.
 Capillary electrophoresis and electrochemical detection with a conventional detector cell 798(1998)289
 Düring, R.-A., see Schütz, S. 754(1996)265
 Durix, A., see Berny, P. 769(1997)343
 Durst, H.D., see Creasy, W.R. 774(1997)253
 Duszczak, K., see Nowakowski, R. 782(1997)1
 Dwyer, J., see Smith, S.H. 764(1997)295
 Dybczyński, R., see Samczyński, Z. 789(1997)157
 Dyne, K., see Grimm, R. 768(1997)57
 Dyremark, A., see Olsson, J.C. 765(1997)329
 Dźygiel, P., Wieczorek, P. and Jönsson, J.Å.
 Enantiomeric separation of amino acids by capillary electrophoresis with α -cyclodextrin 793(1998)414
- E**
- Earnest, D., see Batta, A.K. 766(1997)286
 Ebeler, S.E., see Evans, T.J. 786(1997)293
 Eberle, D., Hummel, R.P. and Kuhn, R.
 Chiral resolution of pantoprazole sodium and related sulfoxides by complex formation with bovine serum albumin in capillary electrophoresis 759(1997)185
 Ecker, R., see Braumann, U. 761(1997)336
 Eddy, C.L., see Maeno, S. 791(1997)151
 Edholm, L.E., see Van der Hoeven, R.A.M. 762(1997)193
 Edwards, D.P. and Ford, M.G.
 Separation and analysis of the diastereomers and enantiomers of cypermethrin and related compounds 777(1997)363
 Egea González, F.J., see Martínez Vidal, J.L. 765(1997)99
 Eguchi, M., see Harino, H. 755(1996)147
 Eibensteiner, F., see Buchberger, W. 766(1997)197
 Eibler, E., see Schuster, A. 793(1998)77
 Eigendorf, G.K., see Pergantis, S.A. 764(1997)211
 Einarsson, S., see Björklund, J. 798(1998)1
 Eisert, R. and Pawliszyn, J.
 Design of automated solid-phase microextraction for trace analysis of organic compounds in aqueous samples 776(1997)293
 Eitel, A., see Kümmeler, K. 774(1997)281
 Ekelund, J., see Petersen, P.V. 757(1997)65
 Ekman, R., see Nilsson, C.L. 800(1998)21
 El Kaddouri, S., see Arellano, M. 781(1997)497
 El Mansouri, H., Yagoubi, N. and Ferrier, D.
 Qualitative and quantitative analysis of styrene and its various oligomers by liquid chromatography 771(1997)111
 El Rassi, Z., see Mechref, Y. 757(1997)263
 El Rassi, Z., see Mechref, Y. 792(1997)75
- El-Shahawi, M.S.
 Retention profiles of some commercial pesticides, pyrethroid and acaricide residues and their application to tomato and parsley plants 760(1997)179
 Elefterov, A.I., Kolpachnikova, M.G., Nesterenko, P.N. and Shpigun, O.A.
 Ion-exchange properties of glutamic acid-bonded silica 769(1997)179
 Elfakir, C., see Chaimbault, P. 797(1998)83
 Elfakir, C. and Lafosse, M.
 Porous graphitized carbon and octadecyl-silica columns in the separation of some alkylglycoside detergents 782(1997)191
 Elling, J.W., see Magelssen, G.R. 775(1997)231
 Ellis, L.A. and Roberts, D.J.
 Chromatographic and hyphenated methods for elemental speciation analysis in environmental media (Review) 774(1997)3
 Ellison, D., see Chen, L. 752(1996)101
 Elmi, J., see Court, W.A. 755(1996)11
 Elmi, J., see Court, W.A. 771(1997)387
 Elrod Jr., L., see Morley, J. 766(1997)77
 Emery, A.P., see Chesler, S.N. 790(1997)125
 Emmer, Å., see Hult, E.L. 757(1997)255
 Emnéus, J., see Önnerfjord, P. 800(1998)219
 Endres, W., see Sass, J.O. 776(1997)342
 Eng, G.Y., Maxwell, R.J., Cohen, E., Piotrowski, E.G. and Fiddler, W.
 Determination of flumequine and oxolinic acid in fortified chicken tissue using on-line dialysis and high-performance liquid chromatography with fluorescence detection 799(1998)349
 Engelhardt, H., see Pötter, W. 786(1997)47
 Engström, A., see Björklund, J. 798(1998)1
 Engström, A., see Thorsén, G. 786(1997)347
 Ens, W., see McComb, M.E. 800(1998)1
 Ensing, K., see De Boer, T. 788(1997)212
 Ensing, K., see Viel, G.T. 776(1997)101
 Epperlein, U., see Koppenhoefer, B. 793(1998)153
 Eremi, S.A., see Önnerfjord, P. 800(1998)219
 Ericson, C., Liao, J.-L., Nakazato, K. and Hjertén, S.
 Preparation of continuous beds for electrochromatography and reversed-phase liquid chromatography of low-molecular-mass compounds 767(1997)33
 Ericsson, Ö., see Nordin, J. 777(1997)73
 Erim, F.B.
 Effect of cationic polymer on the separation of phenols by capillary electrophoresis 768(1997)161
 Ermakov, S.V., see Zhukov, M.Yu. 766(1997)171
 Erra, P., see Piera, E. 757(1997)275
 Erskine, S.R., see Kenmore, C.K. 762(1997)219
 Es-Safi, N.-E., see Fulcrand, H. 752(1996)85
 Esaka, Y. and Kano, K.
 Hydrophilic selectors for selectivity enhancement in capillary electrophoresis 792(1997)445
 Escobal, A., Iriondo, C. and Laborra, C.
 Determination of volatile compounds in Txakoli wine from Biscay by gas chromatography-mass spectrometry 778(1997)225
 Escudero, J.C., see Chaves, N. 799(1998)111

- Esmans, E.L., Broes, D., Hoes, I., Lemière, F. and Vanhoutte, K.
Liquid chromatography–mass spectrometry in nucleoside, nucleotide and modified nucleotide characterization 794(1998)109
- Esmans, E.L., see Chauvaux, N. 775(1997)143
- Espartero, A.G., Pérez, J.A., Zapardiel, A., Bermejo, E. and Hernández, L.
Direct determination of prolintane and its metabolite oxoprolintane in human urine by capillary zone electrophoresis and β -cyclodextrin-modified micellar electrokinetic chromatography 778(1997)355
- Esposito, E., see Di Matteo, V. 789(1997)213
- Esteve, M.J., Farré, R., Frígola, A. and García-Cantabella, J.M.
Determination of vitamin B₆ (pyridoxamine, pyridoxal and pyridoxine) in pork meat and pork meat products by liquid chromatography 795(1998)383
- Estivill, X., see Mansfield, E.S. 781(1997)295
- Etcheverry, T., see Reifsnnyder, D.H. 753(1996)73
- Etiope, G.
Evaluation of a micro gas chromatographic technique for environmental analyses of CO₂ and C₁–C₆ alkanes 775(1997)243
- Etzel, M.R., see Sarfert, F.T. 764(1997)3
- Evanchic, M., see Pesek, J.J. 786(1997)219
- Evangelisto, M., see Caldwell, G.W. 800(1998)161
- Evans, J.F., see Park, J.H. 767(1997)1
- Evans, J.V., see Barry, J.P. 800(1998)13
- Evans, T.J., Butzke, C.E. and Ebeler, S.E.
Analysis of 2,4,6-trichloroanisole in wines using solid-phase microextraction coupled to gas chromatography–mass spectrometry 786(1997)293
- Eveleigh, L.J. and Ducauze, C.J.
Optimization of the dwell-time for the quantitative analysis by gas chromatography–mass spectrometry 765(1997)241
- Everaert, M., see Dewulf, J. 761(1997)205
- Everaerts, F.M., see Beckers, J.L. 787(1997)235
- Everaerts, F.M., see Coolen, S.A.J. 788(1997)95
- Everaerts, F.M., see Ingelse, B.A. 755(1996)251
- Everaerts, F.M., see Ingelse, B.A. 772(1997)179
- Everaerts, F.M., see Ingelse, B.A. 791(1997)339
- Everaerts, F.M., see Martens, J.H.P.A. 772(1997)49
- Everaerts, F.M., see Reijenga, J.C. 772(1997)195
- Everaerts, F.M., see Reijenga, J.C. 792(1997)371
- Everaerts, F.M., see van der Schans, M.J. 772(1997)255
- Everett, S.A., Dennis, M.F., Patel, K.B., Wardman, P. and Stratford, M.R.L.
High-performance ion chromatography applied to free-radical mechanisms in drug design. The problem of ion analysis at high ionic strengths 770(1997)273
- Everett, S.A., see Stratford, M.R.L. 770(1997)151
- Evrovski, J., see Cole, D.E.C. 789(1997)221

F

- Fabbro, D., see De Paoli, M. 765(1997)127
- Fabre, H., Blanchin, M.D., Julien, E., Segonds, C., Mandrou, B. and Bosc, N.
Validation of a capillary electrophoresis procedure for the determination of calcium in calcium acamprosate 772(1997)265
- Fadeev, A.Yu., see Mingalyov, P.G. 764(1997)21
- Fadeev, A.Yu., see Mingalyov, P.G. 777(1997)249
- Fagan, P.A. and Haddad, P.R.
Reversed-phase ion-interaction chromatography of Cu(I)–cyanide complexes 770(1997)165
- Fagan, P.A., Paull, B., Haddad, P.R., Dunne, R. and Kamar, H.
Ion chromatographic analysis of cyanate in gold processing samples containing large concentrations of copper(I) and other metallo–cyanide complexes 770(1997)175
- Fago, G., see Laganà, A. 796(1998)309
- Fairman, B., Catterick, T., Wheals, B. and Polinina, E.
Reversed-phase ion-pair chromatography with inductively coupled plasma–mass spectrometry detection for the determination of organo-tin compounds in waters 758(1997)85
- Fairman, B., see White, S. 794(1998)211
- Fall, J., see Voelkel, A. 768(1997)271
- Famiglini, G., see Cappiello, A. 768(1997)215
- Fan, Z.H., Jensen, P.K., Lee, C.S. and King, J.
Monitoring the refolding pathway for a large multimeric protein using capillary zone electrophoresis 769(1997)315
- Fanali, S.
Controlling enantioselectivity in chiral capillary electrophoresis with inclusion–complexation 792(1997)227
- Fanali, S., see Desiderio, C. 772(1997)81
- Fanali, S., see Desiderio, C. 781(1997)503
- Fanali, S., Desiderio, C. and Aturki, Z.
Enantiomeric resolution study by capillary electrophoresis. Selection of the appropriate chiral selector 772(1997)185
- Fanali, S., Desiderio, C., Schulte, G., Heitmeier, S., Strickmann, D., Chankvetadze, B. and Blaschke, G.
Chiral capillary electrophoresis–electrospray mass spectrometry coupling using vancomycin as chiral selector 800(1998)69
- Fanali, S., see Roos, N. 782(1997)257
- Fanelli, N., see Papoff, P. 789(1997)51
- Fang, X., see Huang, A. 755(1996)138
- Färenmark, J., see Lagerlund, I. 796(1998)129
- Farkas, T., see Guiochon, G. 762(1997)83
- Farran, A., see Aguilar, M. 767(1997)319
- Farran, A., see Aguilar, M. 778(1997)201
- Farran, A., see Aguilar, M. 778(1997)397
- Farré, R., see Esteve, M.J. 795(1998)383
- Fattore, E., see Ferrari, R. 795(1998)371
- Fattore, E., see Müller, L. 791(1997)221
- Favretto, L., see Damiani, P. 758(1997)109

- Favretto, L.G., see Damiani, P. 758(1997)109
 Fazio, S.D., see Huang, W.X. 781(1997)129
 Fedoroff, M., see Sandier, A. 776(1997)93
 Feely, S.J., see Creaser, C.S. 794(1998)37
 Feichtenhofer, S., see Trathnigg, B. 786(1997)75
 Feigel, C., see Schachterle, S. 754(1996)411
 Feigenbaum, A., see Cottier, S. 771(1997)366
 Fekete, J., see Morovján, G. 763(1997)165
 Felici, M., see Gelsomino, A. 782(1997)105
 Felinger, A. and Guiochon, G.
 Optimizing preparative separations at high recovery yield 752(1996)31
 Felinger, A. and Guiochon, G.
 Comparing the optimum performance of the different modes of preparative liquid chromatography 796(1998)59
 Felix, G., see Chassaing, C. 786(1997)13
 Fell, A.F., see Angelino, S. 797(1998)65
 Fell, A.F., see Owens, P.K. 797(1998)149
 Fell, A.F., see Owens, P.K. 797(1998)187
 Fell, A.F., see Wsól, V. 797(1998)197
 Feltl, L., see Koutek, B. 759(1997)93
 Felton, J.S., see Knize, M.G. 763(1997)179
 Feng, Y., see Wang, Z. 775(1997)251
 Ferguson, P.D., Goodall, D.M. and Loran, J.S.
 Systematic approach to links between separations in capillary electrophoresis and liquid chromatography. IV. Application of binding constant-retention factor relationship to the separation of 2-, 3- and 4-methylbenzoate anions using β -cyclodextrin as selector 768(1997)29
 Fernandes, J.O. and Ferreira, M.A.
 Gas chromatographic–mass spectrometric determination of 4-(5) methylimidazole in ammonia caramel colour using ion-pair extraction and derivatization with isobutylchloroformate 786(1997)299
 Fernandez, E.J., see Mitchell, N.S. 779(1997)73
 Fernández, P., see Martín-Esteban, A. 752(1996)291
 Fernández, R.O. and Pizarro, R.A.
 High-performance liquid chromatographic analysis of *Pseudomonas aeruginosa* phenazines 771(1997)99
 Ferrari, R., Nilsson, T., Arena, R., Arlati, P., Bartolucci, G., Basla, R., Cioni, F., Del Carlo, G., Dellavedova, P., Fattore, E., Fungi, M., Grote, C., Guidotti, M., Morgillo, S., Müller, L. and Volante, M.
 Inter-laboratory validation of solid-phase microextraction for the determination of triazine herbicides and their degradation products at ng/l level in water samples 795(1998)371
 Ferreira, M.A., see Fernandes, J.O. 786(1997)299
 Ferreira, M.C., see Stashenko, E.E. 779(1997)360
 Ferrer, I., see Aguilar, C. 794(1998)147
 Ferrer, I. and Barceló, D.
 Stability of pesticides stored on polymeric solid-phase extraction cartridges 778(1997)161
 Ferrer, I., Pichon, V., Hennion, M.-C. and Barceló, D.
 Automated sample preparation with extraction columns by means of anti-isoproturon immunosorbents for the determination of phenylurea herbicides in water followed by liquid chromatography–diode array detection and liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 777(1997)91
 Ferrer, R., Guiteras, J. and Beltrán, J.L.
 Development of fast-scanning fluorescence spectra as a detection system for high-performance liquid chromatography. Determination of polycyclic aromatic hydrocarbons in water samples 779(1997)123
 Ferretti, D., see Careri, M. 794(1998)253
 Ferretti, R., Gallinella, B., La Torre, F. and Turchetto, L.
 Liquid chromatographic separation of the enantiomers of becliconazole and its potential impurities 769(1997)231
 Ferretti, R., Gallinella, B., La Torre, F., Zanitti, L., Bonifacio, F. and Piccolo, O.
 Direct enantiomeric resolution of diphosphine and diphosphine oxide ligands by high-performance liquid chromatography 795(1998)289
 Ferri, D., see Buldini, P.L. 789(1997)549
 Ferrier, D., see El Mansouri, H. 771(1997)111
 Fetzer, J.C., see Bell, C.M. 753(1996)37
 Feucht, W., see Polster, J. 800(1998)121
 Fidalgo, P., see Torres, E. 775(1997)339
 Fiddler, W., see Eng, G.Y. 799(1998)349
 Fiehn, O. and Jekel, M.
 Analysis of phenolic compounds in industrial wastewater with high-performance liquid chromatography and post-column reaction detection 769(1997)189
 Field, J.A.
 Coupling chemical derivatization reactions with supercritical fluid extraction (Review) 785(1997)239
 Figeys, D., Ducret, A. and Aebersold, R.
 Identification of proteins by capillary electrophoresis–tandem mass spectrometry. Evaluation of an on-line solid-phase extraction device 763(1997)295
 Figueiredo, M.O., see Borges, C. 770(1997)195
 Fillion, J., see Sojo, L.E. 788(1997)141
 Finette, G.M.S., Mao, Q.-M. and Hearn, M.T.W.
 Comparative studies on the isothermal characteristics of proteins adsorbed under batch equilibrium conditions to ion-exchange, immobilised metal ion affinity and dye affinity matrices with different ionic strength and temperature conditions¹ 763(1997)71
 Fingas, M., see Wang, Z. 774(1997)51
 Fingas, M., see Wang, Z. 775(1997)251
 Fischer, Ch.-H. and Keindler, E.
 Analysis of colloids. IX. Investigation of the electrical double layer of colloidal inorganic nanometer-particles by size-exclusion chromatography 773(1997)179
 Fischer, J., Jandera, P. and Stančk, V.
 Effects of the working electrolyte (cyclodextrin type and pH) on the separation of aromatic sulphonic acids by capillary zone electrophoresis 772(1997)385

- Fischer, K., Chodura, A., Kotalik, J., Bieniek, D. and Kettrup, A.
Analysis of aliphatic carboxylic acids and amino acids in effluents of landfills, composting plants and fermentation plants by ion-exclusion and ion-exchange chromatography 770(1997)229
- Fischer, S., see Apffel, A. 777(1997)3
- Fischer, S., see He, C. 776(1997)109
- Fischer, U., see Rethmeier, J. 760(1997)295
- Fish, B.J.
Separation and quantification of geometric isomers in a leukotriene antagonist using cyclodextrins in capillary electrophoresis. Comparison to high-performance liquid chromatographic methods 768(1997)81
- Fletcher, M., see Brown, P. 754(1996)463
- Flickinger, M.C., see Griffith, C.M. 776(1997)179
- Flickinger, M.C., see Reeder, D.H. 760(1997)71
- Flieger, M., see Ingelse, B.A. 755(1996)251
- Flieger, M., see Ingelse, B.A. 791(1997)339
- Flieger, M., see Padiglioni, P. 756(1996)119
- Fodor, P., see Mester, Z. 756(1996)292
- Fogelqvist, E., see Hulthe, G. 777(1997)141
- Folgueiras, M.L., see Garrido, J. 765(1997)91
- Folk, B.M., see Tiller, P.R. 771(1997)119
- Font, G., see Ruiz, M.J. 776(1997)348
- Font, G., see Valor, I. 767(1997)195
- Font, G., see Viana, E. 754(1996)437
- Font, N., Hernández, F., Hogendoorn, E.A., Baumann, R.A. and Van Zoonen, P.
Microwave-assisted solvent extraction and reversed-phase liquid chromatography–UV detection for screening soils for sulfonylurea herbicides 798(1998)179
- Forcada, C., see Pastor, A. 789(1997)279
- Ford, M.G., see Edwards, D.P. 777(1997)363
- Foret, F., see Rashkovetsky, L.G. 781(1997)197
- Forgács, E., see Cserháti, T. 771(1997)105
- Forgács, E., see Cserháti, T. 774(1997)265
- Forgács, E., see Cserháti, T. 776(1997)31
- Forgács, E. and Cserháti, T.
Use of principal component analysis for studying the separation of pesticides on polyethylene-coated silica columns 797(1998)33
- Forgács, E., see Németh-Kiss, V. 776(1997)147
- Fornasari, P., see Remelli, M. 761(1997)79
- Forssmann, W.-G., see Heine, G. 776(1997)117
- Forssmann, W.-G., see Schrader, M. 776(1997)139
- Forssmann, W.-G., see Schulz-Knappe, P. 776(1997)125
- Fortina, P., see Mansfield, E.S. 781(1997)295
- Foster, C.R., see Stanley, B.J. 761(1997)41
- Foster, P., see Coeur, C. 786(1997)185
- Foucault, A., see Renault, J.-H. 763(1997)345
- Fountoulakis, M., see Weiss, M. 795(1998)263
- Fowlis, I.A., see Quayle, W.C. 773(1997)271
- Fox, A., see Wunschel, D.S. 776(1997)205
- Fox, K.F., see Wunschel, D.S. 776(1997)205
- Fraier, D., Cenacchi, V. and Frigerio, E.
Determination of a new polymer-bound paclitaxel derivative (PNU 166945), free paclitaxel and 7-epipaclitaxel in dog plasma and urine by reversed-phase high-performance liquid chromatography with UV detection 797(1998)295
- Frame, L.A., Robinson, M.L. and Lough, W.J.
Simplification of capillary electrochromatography procedures 798(1998)243
- Francioli, S., see Gallart, M. 776(1997)283
- Franco, D.W., see Nascimento, R.F. 782(1997)13
- Franco, P., Minguillón, C. and Oliveros, L.
Bonded cellulose-derived high-performance liquid chromatography chiral stationary phases. III. Effect of the reticulation of the cellulose derivative on performance 791(1997)37
- Franco, P., Minguillón, C. and Oliveros, L.
Solvent versatility of bonded cellulose-derived chiral stationary phases for high-performance liquid chromatography and its consequences in column loadability 793(1998)239
- Franco, P., Senso, A., Minguillón, C. and Oliveros, L.
3,5-Dimethylphenylcarbamates of amylose, chitosan and cellulose bonded on silica gel. Comparison of their chiral recognition abilities as high-performance liquid chromatography chiral stationary phases 796(1998)265
- Francotte, E., Brandel, L. and Jung, M.
Influence of the degree of substitution of cyclodextrin sulfobutyl ether derivatives on enantioselective separations by electrokinetic chromatography 792(1997)379
- Francotte, E., see Jung, M. 755(1996)81
- Francotte, E., Richert, P., Mazzotti, M. and Morbidelli, M.
Simulated moving bed chromatographic resolution of a chiral antitussive 796(1998)239
- Francotte, E.R. and Richert, P.
Applications of simulated moving-bed chromatography to the separation of the enantiomers of chiral drugs 769(1997)101
- Frank, J., see Corstjens, H. 753(1996)127
- Franko, M., see Gibkes, J. 786(1997)163
- Fraser, I.J., see Dear, G.J. 794(1998)27
- Frassanito, R., Rossi, M., Dragani, L.K., Tallarico, C., Longo, A. and Rotilio, D.
New and simple method for the analysis of the glutathione adduct of atrazine 795(1998)53
- Fraudeau, C., see Heems, D. 798(1998)9
- Fraudeau, C., see Mangani, F. 762(1997)235
- Fréchet, J.M.J., see Petro, M. 752(1996)59
- Fréchet, J.M.J., see Xie, S. 775(1997)65
- Frederiksen, R.B., see Tangen, A. 767(1997)311
- Fredriksson, H., Andersson, R., Koch, K. and Åman, P.
Calibration of a size-exclusion chromatography system using fractions with defined amylopectin unit chains 768(1997)325
- Freed, A.L., see Kostel, K.L. 755(1996)311
- Freiler, M., see Reznicek, G. 755(1996)133
- Freitag, D., see Schmitt, Ph. 792(1997)419
- Freitag, R., see Brüggemann, O. 781(1997)43
- Freitag, R., see Kasper, C. 798(1998)65
- Freitag, R., see Luellau, E. 796(1998)165

- Freitag, R., see Vogt, S. 760(1997)125
- Frenay, M., see Van der Hoeven, R.A.M. 762(1997)193
- French, C.R., Gray, C.J. and Lehrle, R.S.
Quantitative injections or calibrations in gas chromatography. Anomaly associated with syringe type 773(1997)372
- Frey, D.D., see Strong, J.C. 769(1997)129
- Friedberg, M.A., Hinsdale, M. and Shihabi, Z.K.
Effect of pH and ions in the sample on stacking in capillary electrophoresis 781(1997)35
- Friedberg, M.A., Hinsdale, M.E. and Shihabi, Z.K.
Analysis of nitrate in biological fluids by capillary electrophoresis 781(1997)491
- Friedrich, C., see Deuster, R. 785(1997)227
- Friedrich, C. and Kleiböhmer, W.
Supercritical CO₂-assisted liquid extraction of polycyclic aromatic hydrocarbons and polychlorinated dibenzo-*p*-dioxins and -furans from solid matrices 777(1997)289
- Frigerio, E., see Fraier, D. 797(1998)295
- Frigola, A., see Esteve, M.J. 795(1998)383
- Fritz, J.S., see Ambrose, D.L. 786(1997)259
- Fritz, J.S., see Chambers, T.K. 797(1998)139
- Fritz, J.S., see Li, J. 793(1998)231
- Fritz, J.S., see Mayer, D.L. 771(1997)45
- Fritz, J.S., see Mayer, D.L. 773(1997)189
- Fritz, J.S., see Tanaka, K. 770(1997)211
- Fritz, J.S., see Thornton, M.J. 770(1997)301
- Fritz, J.S., see Timerbaev, A.R. 756(1996)300
- Fröbe, Z., see Švob Troje, Z. 775(1997)101
- Fröhling, C.D.W., see Siebert, A.F.M. 761(1997)115
- Froment, G.F., see Depauw, G.A. 761(1997)231
- Frost, M.C., Lahr, T., Kleyle, R.M. and Nurok, D.
Empirical equation for the accurate prediction of retention in planar chromatography 788(1997)207
- Fu, R., see Jing, P. 752(1996)189
- Fu, R., see Zhang, H. 787(1997)161
- Fu, R.-N., see Liang, H. 763(1997)237
- Fuchslueger, U., Rissler, K., Grether, H.-J. and Grasserbauer, M.
High-performance liquid chromatography-atmospheric pressure negative chemical ionisation mass spectrometry of 2,4-dinitrophenyl derivatives of amines. Applications in epoxy chemistry 777(1997)193
- Fugger, L.H., see Heegaard, N.H.H. 781(1997)91
- Fujii, Y., see Ohwaki, M. 793(1998)223
- Fujinari, E.M. and Manes, J.D.
Determination of molecular-mass distribution of food-grade protein hydrolyzates by size-exclusion chromatography and chemiluminescent nitrogen detection 763(1997)323
- Fujinari, E.M., see Shi, H. 757(1997)183
- Fujinari, E.M., see Shi, H. 779(1997)307
- Fukal, L., see Čurda, L. 772(1997)231
- Fukuda, E.K., see Zrybko, C.L. 767(1997)43
- Fukui, H., see Yasuhara, A. 774(1997)321
- Fukunaga, K., see Ishimura, K. 769(1997)209
- Fukushi, K. and Hiirō, K.
Simultaneous determination of bromide and iodide ions by capillary isotachophoresis using quaternary ammonium salts 760(1997)253
- Fukushi, K., Takeda, S., Wakida, S.-i., Higashi, K. and Hiirō, K.
Determination of free calcium in vegetables by capillary zone electrophoresis 759(1997)211
- Fukushi, K., Takeda, S., Wakida, S.-i., Yamane, M., Higashi, K. and Hiirō, K.
Determination of ascorbic acid in vegetables by capillary zone electrophoresis 772(1997)313
- Fulcrand, H., Doco, T., Es-Safi, N.-E., Cheynier, V. and Moutounet, M.
Study of the acetaldehyde induced polymerisation of flavan-3-ols by liquid chromatography-ion spray mass spectrometry 752(1996)85
- Fülöp, F., see Péter, A. 761(1997)103
- Fülöp, F., see Török, G. 797(1998)177
- Funada, Y. and Hirata, Y.
Retention behavior of triglycerides in subcritical fluid chromatography with carbon dioxide mobile phase 764(1997)301
- Funada, Y. and Hirata, Y.
Analysis of plant oils by subcritical fluid chromatography using pattern fitting 800(1998)317
- Funazo, K., see Harino, H. 755(1996)147
- Fung, B.M., see Mao, Y. 790(1997)9
- Fung Kee Fung, C.A. and Burke, M.F.
Investigation of the behaviour of water on the surface of modified silica using differential scanning calorimetry 752(1996)41
- Fungi, M., see Ferrari, R. 795(1998)371
- Furey, A., see James, K.J. 798(1998)147
- Fürst, S., see Lengyel, J. 762(1997)321
- Fuse, T., Kusu, F. and Takamura, K.
Determination of higher fatty acids in oils by high-performance liquid chromatography with electrochemical detection 764(1997)177
- Fuzzati, N., Pace, R., Papeo, G. and Peterlongo, F.
Identification of soyasaponins by liquid chromatography-thermospray mass spectrometry 777(1997)233
- Głowiak, R., see Kaniowska, E. 798(1998)27
- Głowniak, K., see Zgórka, G. 797(1998)305
- Gäb, S., see Schmitz, O. 767(1997)249
- Gäb, S., see Schmitz, O. 781(1997)215
- Gabernig, R., see Ulberth, F. 773(1997)233
- Gabriel, J., see Mikšík, I. 772(1997)297
- Gachályi, B., see Ary, K. 797(1998)221
- Gachályi, B., see Róna, K. 797(1998)265
- Gago, A., see Leão, J.M. 798(1998)131

G

- Gahm, K.-H., Chang, L.W. and Armstrong, D.W.
Chiral separation of monoterpenes using mixtures of sulfated β -cyclodextrins and α -cyclodextrin as chiral additives in the reversed-polarity capillary electrophoresis mode 759(1997)149
- Gahm, K.-H., Lee, J.-T., Chang, L.W. and Armstrong, D.W.
Chiral separations of indan, tetralin and benzosuberan derivatives by capillary electrophoresis 793(1998)135
- Gaillard, Y. and Pépin, G.
Screening and identification of drugs in human hair by high-performance liquid chromatography–photodiode-array UV detection and gas chromatography–mass spectrometry after solid-phase extraction. A powerful tool in forensic medicine 762(1997)251
- Gaillard, Y. and Pépin, G.
Use of high-performance liquid chromatography with photodiode-array UV detection for the creation of a 600-compound library. Application to forensic toxicology 763(1997)149
- Galassi, M., see Conti, M. 757(1997)237
- Galbusera, C., see De Lorenzi, E. 790(1997)47
- Galceran, M.T., Carneiro, M.C., Diez, M. and Puignou, L.
Separation of quaternary ammonium herbicides by capillary electrophoresis with indirect UV detection 782(1997)289
- Galceran, M.T., see Jáuregui, O. 787(1997)79
- Galceran, M.T., see Moyano, E. 777(1997)167
- Galceran, M.T., see Pais, P. 775(1997)125
- Galceran, M.T., see Pais, P. 778(1997)207
- Galceran, M.T., see Puignou, L. 769(1997)293
- Galceran, M.T., see Ruiz-Calero, V. 775(1997)91
- Galceran, M.T., see Santos, F.J. 771(1997)181
- Galdiga, C.U. and Greibrokk, T.
Ultra-trace determination of fluorinated aromatic carboxylic acids in aqueous reservoir fluids using solid-phase extraction in combination with gas chromatography–mass spectrometry 793(1998)297
- Galeano Díaz, T., Guiberteau Cabanillas, A., Acedo Valenzuela, M.I., Correa, C.A. and Salinas, F.
Determination of nitrofurantoin, furazolidone and furaltadone in milk by high-performance liquid chromatography with electrochemical detection 764(1997)243
- Galià, M., see Masqué, N. 771(1997)55
- Gallagher, P.A. and Danielson, N.D.
Capillary electrophoresis of cationic and anionic surfactants with indirect conductivity detection 781(1997)533
- Gallant, S.R. and Cramer, S.M.
Productivity and operating regimes in protein chromatography using low-molecular-mass displacers 771(1997)9
- Gallart, M., Francioli, S., Viu-Marco, A., López-Tamames, E. and Buxaderas, S.
Determination of free fatty acids and their ethyl esters in musts and wines 776(1997)283
- Gallego, M., see Crespín, M.A. 757(1997)165
- Galletti, G.C., see Bocchini, P. 773(1997)227
- Gallinella, B., see Ferretti, R. 769(1997)231
- Gallinella, B., see Ferretti, R. 795(1998)289
- Gallo, P., see Draisici, R. 777(1997)201
- Galloway, H., see Harvey, S.D. 775(1997)117
- Games, D.E., see Moyano, E. 777(1997)167
- Gan, K.Z., see Pirkle, W.H. 790(1997)65
- Gansow, O.A., see Brechbiel, M.W. 771(1997)63
- Ganzler, K., see Roos, N. 782(1997)257
- Gao, J., Yang, W., Kang, J., Hou, J. and Bian, H.
Anion separation by high-performance ion chromatography coupled with indirect photometric detection and 1,2-dihydroxybenzene-3,5-disulfonate or sodium sulfosalicylate as the eluent 789(1997)195
- Gao, J.Y., Dubin, P.L., Sato, T. and Morishima, Y.
Separation of polyelectrolytes of variable compositions by free-zone capillary electrophoresis 766(1997)233
- Gao, R.Y., Yang, G.S., Yang, H.Z., Chen, Z.Y. and Wang, Q.S.
Enantioseparation of fourteen O-ethyl O-phenyl N-isopropyl phosphoroamidothioates by high-performance liquid chromatography on a chiral stationary phase 763(1997)125
- Gara, D., see M. Monaghan, J. 770(1997)143
- Garau, V.L., see Pirisi, F.M. 768(1997)207
- Garcerá, M.D., see Pastor, A. 789(1997)279
- García-Alvarez-Coque, M.C., see Rapado-Martínez, I. 765(1997)221
- García-Alvarez-Coque, M.C., see Torres-Lapasió, J.R. 769(1997)155
- García-Alvarez-Coque, M.C., Torres-Lapasió, J.R. and Baeza-Baeza, J.J.
Modelling of retention behaviour of solutes in micellar liquid chromatography 780(1997)129
- García-Cantabella, J.M., see Esteve, M.J. 795(1998)383
- García-Domínguez, J.A., see Lebrón-Aguilar, R. 760(1997)219
- García-Domínguez, J.A., see Quintanilla-López, J.E. 767(1997)127
- García-Domínguez, J.A., Santiuste, J.M. and Dai, Q.
Gibbs energy of solution and molecular structural coefficients of 85 solutes on 20 gas chromatographic stationary phases 787(1997)145
- García-Domínguez, J.A., see Tello, A.M. 793(1998)383
- García Falcón, M.S., González Amigo, S., Lage Yusty, M.A. and López de Alda Villaizán, M.J. and Simal Lozano, J.
Enrichment of benzo[a]pyrene in smoked food products and determination by high-performance liquid chromatography–fluorescence detection 753(1996)207
- García Jiménez, M., see Carabias Martínez, R. 754(1996)85
- García, M.A., see Marina, M.L. 780(1997)103
- García, M.C., Torre, M., Laborda, F. and Marina, M.L.
Rapid separation of soybean globulins by reversed-phase high-performance liquid chromatography 758(1997)75
- García, M.D., Sáenz, M.T., Ahumada, M.C. and Cert, A.
Isolation of three triterpenes and several aliphatic alcohols from *Crataegus monogyna* Jacq 767(1997)340
- García Pinto, C., see Carabias Martínez, R. 754(1996)85
- García, R., see Porcar, I. 778(1997)53
- García Regueiro, J.A. and Maraschiello, C.
Procedure for the determination of eight cholesterol oxides in poultry meat using on-column and solvent venting capillary gas chromatography 764(1997)279
- García Sánchez, M^a.T., Pérez Pavón, J.L. and Moreno Cordero, B.
Continuous membrane extraction of phenols from crude oils followed by high-performance liquid chromatographic determination with electrochemical detection 766(1997)61

- García-Valcarcel, A.I., see Tadeo, J.L. 754(1996)347
- Gareil, P., see Collet, J. 792(1997)165
- Gareil, P., see Cottet, H. 772(1997)369
- Garrelly, L., see Vandebaele, O. 795(1998)239
- Garrido Frenich, A., see Martínez Galera, M. 778(1997)139
- Garrido Frenich, A., see Martínez Galera, M. 799(1998)149
- Garrido Frenich, A., Martínez Vidal, J.L., Parrilla, P. and Martínez Galera, M.
Resolution of folpet, procymidone and triazophos in high-performance liquid chromatography-diode array detection by using partial least squares calibration to cross-sections of spectrochromatograms 778(1997)183
- Garrido, J., De Alba, M., Jimenez, I., Casado, E. and Folgueiras, M.L.
Chromatographic analysis of imazalil and carbendazim in fruits. Method validation and residue monitoring program 1995 765(1997)91
- Garrison, A.W., see Schmitt, Ph. 792(1997)419
- Gaš, B., see Kabátek, Z. 786(1997)209
- Gas, B., see Potocek, B. 798(1998)269
- Gasco-Lopez, A.I., Izquierdo-Hornillos, R. and Jiminez, A.
Development and validation of a high-performance liquid chromatography method for the determination of cold relief ingredients in chewing gum 775(1997)179
- Gasparini, P., see Mansfield, E.S. 781(1997)295
- Gassiot, M., see Ibañez, E. 775(1997)287
- Gautier, E.A., Gettar, R.T., Servant, R.E. and Batistoni, D.A.
Surfactant-sensitized post-column reaction with xylenol orange for the determination of lanthanides by ion chromatography 770(1997)75
- Gavrilov, V.Yu., see Zheivot, V.I. 786(1997)117
- Gaydou, E., see Morin, Ph. 791(1997)289
- Gaydou, E.M., see Mouly, P. 800(1998)171
- Gazdina, N.V., see Tennikov, M.B. 798(1998)55
- Ge, H., see Bird, S.M. 789(1997)349
- Gebauer, P. and Boček, P.
System peaks in capillary zone electrophoresis. I. Simple model of vacancy electrophoresis 772(1997)73
- Gebauer, P., Caslavská, J., Thormann, W. and Boček, P.
Prediction of zone patterns in capillary zone electrophoresis with conductivity detection. Concept of the zone conductivity diagram 772(1997)63
- Gebauer, P., see Desiderio, C. 772(1997)81
- Gebauer, P., see Křivánková, L. 772(1997)283
- Geeraerts, S., see Qu, Y. 798(1998)19
- Gelain, A., see Chiari, M. 781(1997)347
- Gelas, J., see Morin, Ph. 796(1998)375
- Geldart, S.E. and Brown, P.R.
Optimization for the separation of ribonucleotides by capillary electrophoresis at high pH 792(1997)67
- Gelebart, I., see Clifford, A.A. 785(1997)395
- Gelencsér, A., see Kiss, G. 774(1997)349
- Gelencsér, A., see Krivácsy, Z. 781(1997)223
- Gelfi, C., see Righetti, P.G. 767(1997)255
- Gelfi, C., see Simò-Alfonso, E. 756(1996)255
- Gelsomino, A., Petrovičová, B., Tiburtini, S., Magnani, E. and Felici, M.
Multiresidue analysis of pesticides in fruits and vegetables by gel permeation chromatography followed by gas chromatography with electron-capture and mass spectrometric detection 782(1997)105
- Generali, T., see Di Muccio, A. 754(1996)497
- Generali, T., see Di Muccio, A. 765(1997)39
- Generali, T., see Di Muccio, A. 765(1997)51
- Generali, T., see Di Muccio, A. 765(1997)61
- Gennaro, M.C. and Angelino, S.
Separation and determination of inorganic anions by reversed-phase high-performance liquid chromatography 789(1997)181
- Gennaro, M.C., see Angelino, S. 797(1998)65
- Gennaro, M.C., Gioannini, E., Angelino, S., Aigotti, R. and Giacosa, D.
Identification and determination of red dyes in confectionery by ion-interaction high-performance liquid chromatography 767(1997)87
- Gennaro, M.C., see Marengo, E. 799(1998)47
- Gentili, A., see D'Ascenzo, G. 800(1998)109
- Gentilini, N., see Mateo, J.J. 778(1997)219
- Gerhardt, K.O., see Chance, D.L. 771(1997)191
- Gerhardt, K.O., see Chance, D.L. 793(1998)91
- German, A.L., see Philipsen, H.J.A. 761(1997)147
- German, A.L., see Philipsen, H.J.A. 775(1997)157
- German, A.L., see Philipsen, H.J.A. 790(1997)101
- Gettar, R.T., see Gautier, E.A. 770(1997)75
- Ghelfenstein, M., see Vandebaele, O. 795(1998)239
- Gherardi, S., see Trifirò, A. 770(1997)243
- Giacosa, D., see Gennaro, M.C. 767(1997)87
- Giannarelli, S., see Betti, M. 779(1997)147
- Giannetti, L., see Draisici, R. 777(1997)201
- Giannetti, L., see Draisici, R. 798(1998)109
- Giannetti, L., see Draisici, R. 798(1998)137
- Giannetti, L., see James, K.J. 777(1997)213
- Giannetti, L., see Valvo, L. 797(1998)311
- Giardina, B., see Castagnola, M. 792(1997)57
- Giavini, D., see Terreni, M. 754(1996)207
- Gibkes, J., Vovk, I., Bolte, J., Bicanic, D., Bein, B. and Franko, M.
Photothermal characterization of thin-layer chromatography plates 786(1997)163
- Giese, R.W., see Shen, X. 777(1997)261
- Giese, R.W., see Xu, L. 764(1997)95
- Gil García, M.D., see Martínez Galera, M. 778(1997)139
- Gilliard, J.A. and Ritter, C.
Simulations of liquid chromatography-diode array detector data including instrumental artefacts for the evaluation of mixture analysis techniques 758(1997)1
- Gilliard, J.A. and Ritter, C.
Use of simulated liquid chromatography-diode array detection data for the definition of a guide curve in peak purity assessment by spectral comparison 786(1997)1
- Gillies, L., see Brown, P. 754(1996)463
- Gillman, M., see James, K.J. 777(1997)213
- Gilpin, R.K., see Jaroniec, C.P. 797(1998)103
- Gimbo, E., see Dalmora, S. 782(1997)199
- Gimeno Adelantado, J.V., see Mateo Castro, R. 778(1997)373

- Ginebreda, A., see Sola, I. 778(1997)329
- Gioannini, E., see Gennaro, M.C. 767(1997)87
- Giometti, C., see Joachimiak, A. 773(1997)131
- Girard, M., see Bietlot, H.P. 759(1997)177
- Girard, M., Bietlot, H.P. and Cyr, T.D.
Characterisation of human serum albumin heterogeneity by capillary zone electrophoresis and electrospray ionization mass spectrometry 772(1997)235
- Giraud, D., Ventura, A., Camel, V., Bermond, A. and Arpino, P.
Determination of traces of pesticides in water by solid-phase extraction and liquid chromatography–ionspray mass spectrometry 777(1997)115
- Giraudi, G., see Baggiani, C. 786(1997)23
- Giri, A.P. and Kachole, M.S.
Detection of electrophoretically separated amylase inhibitors in starch–polyacrylamide gels 752(1996)261
- Girolimetti, S., see Di Muccio, A. 765(1997)61
- Giroud, C., see Sadeghipour, F. 761(1997)71
- Gladović, N., Zupančič-Kralj, L. and Plavec, J.
Determination of primary oxidation products of linoleic acid and triacylglycerols 767(1997)63
- Glass, C.R., see Martínez Vidal, J.L. 765(1997)99
- Glavas, S., see Danalatos, D. 786(1997)361
- Glavas, S., see Moschonas, N. 790(1997)117
- Glennon, J.D., Hutchinson, S., Walker, A., Harris, S.J. and McSweeney, C.C.
New fluorinated hydroxamic acid reagents for the extraction of metal ions with supercritical CO₂ 770(1997)85
- Glòd, B.K., Perez, G. and Tomlinson, A.A.G.
Use of mordenite columns in ion-exclusion chromatography 760(1997)292
- Gmeiner, G., Stehlík, G. and Tausch, H.
The determination of seventeen polycyclic aromatic hydrocarbons in tobacco smoke condensate 767(1997)163
- Gödörházy, L., see Tolokán, A. 771(1997)35
- Godula, M., see Hajšlová, J. 800(1998)283
- Goedel, W.A., see Czichocki, G. 791(1997)350
- Goessler, W., Kuehnelt, D., Schlaggenhaufen, C., Kalcher, K., Abegaz, M. and Irgolic, K.J.
Retention behavior of inorganic and organic selenium compounds on a silica-based strong-cation-exchange column with an inductively coupled plasma mass spectrometer as selenium-specific detector 789(1997)233
- Gogou, A.I., Apostolaki, M. and Stephanou, E.G.
Determination of organic molecular markers in marine aerosols and sediments: one-step flash chromatography compound class fractionation and capillary gas chromatographic analysis 799(1998)215
- Goicolea, M.A., see Ruiz de Erenchun, N. 763(1997)227
- Gokana, A., Winchenne, J.J., Ben-Ghanem, A., Ahaded, A., Cartron, J.P. and Lambin, P.
Chromatographic separation of recombinant human erythropoietin isoforms 791(1997)109
- Gökmen, V. and Acar, J.
Liquid chromatographic determination of β-naphthoxyacetic acid in tomatoes 798(1998)167
- Goldsmith, A.I., see Yang, S.S. 754(1996)3
- Gomez de Balugera, Z., see Ruiz de Erenchun, N. 763(1997)227
- Gómez, I., see Payares, P. 771(1997)213
- Gómez-Serranillos, P., Palomino, O.M., Villarrubia, A.I., Cases, M.A., Carretero, E. and Villar, A.
Analysis of diterpenoids from *Sideritis* species by reversed-phase high-performance liquid chromatography 778(1997)421
- González Amigo, S., see García Falcón, M.S. 753(1996)207
- Gonzalez, F.R. and Nardillo, A.M.
Theoretical and practical aspects of flow control in programmed-temperature gas chromatography 757(1997)97
- Gonzalez, F.R. and Nardillo, A.M.
Retention in multistep programmed-temperature gas chromatography and flow control. Linear head pressure programs 757(1997)109
- Gonzalez, F.R. and Nardillo, A.M.
Integration of the equation of peak motion in programmed-pressure and -temperature gas chromatography 766(1997)147
- Gonzalez, F.R. and Nardillo, A.M.
Aspects of the elution order inversion by pressure changes in programmed-temperature gas chromatography 779(1997)263
- Gonzalez-Flesca, N., see Castellnou, A. 778(1997)269
- González, J.C., Vieytes, M.R., Vieites, J.M. and Botana, L.M.
Improvement on sample clean-up for high-performance liquid chromatographic–fluorimetric determination of diarrhetic shellfish toxins using 1-bromoacetylpyrene 793(1998)63
- González, M.J., see Benito, I. 778(1997)77
- González, M.J., see Jiménez, B. 792(1997)411
- González, M.J., see Marina, M.L. 752(1996)265
- Gonzalez, M.J., see Ramos, L. 759(1997)127
- Goodall, D.M., see Ferguson, P.D. 768(1997)29
- Gooijer, C., see Kok, S.J. 771(1997)331
- Gooijer, C., see Somsen, G.W. 756(1996)145
- Gooijer, C., see Veraart, J.R. 768(1997)307
- Gooley, A.A., see Corthals, G.L. 773(1997)299
- Gooley, A.A., see Yan, J.X. 764(1997)201
- Gopal, M., see Mukherjee, I. 754(1996)33
- Gorbunov, A., Skvortsov, A., Trathnigg, B., Kollroser, M. and Parth, M.
Reversed-phase high-performance liquid chromatography of polyethers. Comparison with a theory for flexible-chain macromolecules 798(1998)187
- Gorbunov, A., see Trathnigg, B. 761(1997)21
- Gorbunov, A., see Trathnigg, B. 791(1997)21
- Gorbunova, E.Yu., see Danilov, A.V. 773(1997)103
- Gordon, D.B., see Lord, G.A. 768(1997)9
- Gordon, N., see Londo, T. 798(1998)73
- Gorenc, B., see Gros, N. 770(1997)119
- Gorenc, B., see Gros, N. 789(1997)323
- Górná-Binkul, A., see Keymeulen, R. 765(1997)247
- Gorshkov, A.I., see Oshurkova, O.V. 752(1996)251
- Gorski, K.M., see Nelson, B.C. 771(1997)285
- Gorzynski, M., see Bodén, L. 788(1997)195
- Goto, M., see Torimura, M. 790(1997)1
- Gottfries, J., Johansson, P. and Karlsson, A.
Influence of chromatographic descriptors on enantioresolution of a dihydropyridine and structurally related compounds 763(1997)115

- Göttlicher, B. and Bächmann, K.
Investigation of the separation efficiency of hydrophobic compounds in suspension electrokinetic chromatography 768(1997)320
- Göttlicher, B. and Bächmann, K.
Application of particles as pseudo-stationary phases in electrokinetic chromatography 780(1997)63
- Gottschlich, N. and Kasche, V.
Purification of monoclonal antibodies by simulated moving-bed chromatography 765(1997)201
- Götz, G.K.E., see Hollender, J. 776(1997)233
- Goud, G.N., see Patwardhan, A.V. 787(1997)91
- Goursaud, S., see Mejanelle, P. 767(1997)177
- Govindaraju, K., Ahmed, A. and Lloyd, D.K.
Electroosmotic flow mobilities in open and packed capillaries with spermine and other amine flow modifiers 768(1997)3
- Goyal, S.S.
Applications of column liquid chromatography to inorganic analysis in agricultural research 789(1997)519
- Grace, C., see Kelly, M.A. 798(1998)297
- Grahn, A., see Hermansson, J. 797(1998)251
- Grainger, J., see Jiménez, B. 792(1997)411
- Grajek, H., Witkiewicz, Z. and Jankowska, H.
Application of Kováts retention indices for investigation of adsorption properties of activated carbons 782(1997)87
- Gramatté, T., see Oertel, R. 797(1998)203
- Granados, M., see Abalos, M. 788(1997)1
- Granstrom, D.E., see Liang, F.T. 764(1997)143
- Grasser, K.D., see Grimm, R. 800(1998)83
- Grasserbauer, M., see Fuchslueger, U. 777(1997)193
- Grasserbauer, M., see Josephs, R.D. 795(1998)297
- Grasserbauer, M., see Silgoner, I. 768(1997)259
- Gray, C.J., see French, C.R. 773(1997)372
- Grazzi, R., see Stefani, R. 782(1997)123
- Green, M., see Brown, P. 754(1996)463
- Green, N., see Rozemeijer, M.J.C. 755(1996)57
- Greenberg, A., see Johnson, C. 753(1996)201
- Greenfield, H., see Hutabarat, L.S. 795(1998)377
- Greibrokk, T., see Galdiga, C.U. 793(1998)297
- Greibrokk, T., see Mensah, J.K. 765(1997)85
- Greňa, M., see Krupčík, J. 779(1997)253
- Grether, H.-J., see Fuchslueger, U. 777(1997)193
- Griest, W.H., see Segal, G.A. 790(1997)143
- Griffith, C.M., Morris, J., Robichaud, M., Annen, M.J., McCormick, A.V. and Flickinger, M.C.
Fluidization characteristics of and protein adsorption on fluoride-modified porous zirconium oxide particles 776(1997)179
- Griffiths, P.R., see Yang, J. 785(1997)111
- Grill, C.M.
Closed-loop recycling with periodic intra-profile injection: a new binary preparative chromatographic technique 796(1998)101
- Grimalt, J.O., see Berdié, L. 778(1997)23
- Grimalt, J.O., see Castellnou, A. 778(1997)269
- Grimalt, J.O., see Otero, R. 778(1997)87
- Grimalt, J.O., see Sola, I. 778(1997)329
- Grimalt, J.O., see Villanueva, J. 757(1997)145
- Grimm, R. and Grasser, K.D.
Nanogram scale separations of proteins using capillary high-performance liquid chromatography with fully-automated on-line microfraction collection followed by matrix-assisted laser desorption ionisation time-of-flight mass spectrometry, protein sequencing and Western blot analysis 800(1998)83
- Grimm, R., Zanaboni, G., Viglio, S., Dyne, K., Valli, M., Cetta, G. and Iadarola, P.
Complete resolution of imidodipeptide mixtures in urine of prolidase-deficient patients using micellar electrokinetic chromatography 768(1997)57
- Grimshaw, J., see Rice, A. 772(1997)305
- Grinberg, N., see Chen, L. 752(1996)101
- Grischek, T., see Ludwig, U. 763(1997)315
- Grob, K., see Biedermann, M. 764(1997)65
- Grocott, S.C., see Hind, A.R. 765(1997)287
- Grönningsson, K., see Sänger-van de Griend, C.E. 782(1997)271
- Groppi, F., see Bocchi, C. 753(1996)157
- Gros, N. and Gorenc, B.
Performance of ion chromatography in the determination of anions and cations in various natural waters with elevated mineralization 770(1997)119
- Gros, N. and Gorenc, B.
Simple recognition of similar samples for the ion-chromatographic determination of the main cations 789(1997)323
- Grosenick, H. and Schurig, V.
Enantioselective capillary gas chromatography and capillary supercritical fluid chromatography on an immobilized γ -cyclodextrin derivative 761(1997)181
- Gross, B., Schurig, V., Lamparth, I. and Hirsch, A.
Enantiomer separation of [60]fullerene derivatives by micro-column high-performance liquid chromatography using (*R*)-(–)-2-(4,5,7-tetranitro-9-fluorenylideneaminoxy) propionic acid as chiral stationary phase 791(1997)65
- Grote, C., see Ferrari, R. 795(1998)371
- Grover, E.R., see Honda, S. 792(1997)385
- Grüner, B., Holub, J., Plešek, J., Vaněk, T. and Votavová, H.
High-performance liquid chromatographic enantiomeric resolution in the ten-vertex carborane series. Comparison of acetyl- and native β -cyclodextrin bonded chiral stationary phases 793(1998)249
- Grüner, B. and Plzák, Z.
High-performance liquid chromatographic separations of boron-cluster compounds 789(1997)497
- Grzegorczyk, A., see Björklund, J. 798(1998)1
- Gu, J., see Zhang, H. 787(1997)161
- Guan-Sajonz, H., see Guiochon, G. 762(1997)83
- Guan-Sajonz, H., Guiochon, G., Davis, E., Gulakowski, K. and Smith, D.W.
Study of the physico-chemical properties of some packing materials. III. Pore size and surface area distribution 773(1997)33
- Guasch, J., see Bustos, O. 757(1997)311
- Guasch, J., see Mestres, M. 773(1997)261
- Gübitz, G., see Jira, T. 761(1997)269

- Gübitz, G. and Schmid, M.G.
Chiral separation principles in capillary electrophoresis
792(1997)179
- Gudjónsdóttir, G.A. and Ingólfssdóttir, K.
Quantitative determination of protolichesterinic- and fumarprotocetraric acids in *Cetraria islandica* by high-performance liquid chromatography 757(1997)303
- Guest, D.W.
Evaluation of simulated moving bed chromatography for pharmaceutical process development 760(1997)159
- Guiberteau Cabanillas, A., see Galeano Díaz, T. 764(1997)243
- Guidotti, M., see Ferrari, R. 795(1998)371
- Guillet, B., see Maman, O. 755(1996)89
- Guilluy, R., see Dautraix, S. 756(1996)203
- Guiochon, G., Farkas, T., Guan-Sajonz, H., Koh, J.-H., Sarker, M., Stanley, B.J. and Yun, T.
Consolidation of particle beds and packing of chromatographic columns 762(1997)83
- Guiochon, G., see Felinger, A. 752(1996)31
- Guiochon, G., see Felinger, A. 796(1998)59
- Guiochon, G., see Guan-Sajonz, H. 773(1997)33
- Guiochon, G., see Jandera, P. 760(1997)25
- Guiochon, G., see Jandera, P. 787(1997)13
- Guiochon, G., see Jandera, P. 796(1998)115
- Guiochon, G., see Kele, M. 786(1997)31
- Guiochon, G., see Koh, J.-H. 796(1998)41
- Guiochon, G., see Quiñones, I. 796(1998)15
- Guiochon, G., see Sajonz, P. 786(1997)195
- Guiochon, G., see Stanley, B.J. 761(1997)41
- Guiochon, G., see Williams, R.L. 781(1997)107
- Guiochon, G., see Yun, T. 758(1997)175
- Guiochon, G., see Yun, T. 760(1997)3
- Guiochon, G., see Yun, T. 760(1997)17
- Guiteras, J., see Ferrer, R. 779(1997)123
- Gulakowski, K., see Guan-Sajonz, H. 773(1997)33
- Günter, S., see Kunkel, A. 768(1997)125
- Günter, S., see Kunkel, A. 781(1997)445
- Gurdale, K., see Motellier, S. 770(1997)311
- Gustafsson, I., see Villberg, K. 791(1997)213
- Gustafsson, L.L., see Nordin, J. 777(1997)73
- Gustavsson, J., see Lagerlund, I. 796(1998)129
- Gustavsson, P.-E., Axelsson, A. and Larsson, P.-O.
Direct measurements of convective fluid velocities in superporous agarose beads 795(1998)199
- Gustavsson, P.-E., Mosbach, K., Nilsson, K. and Larsson, P.-O.
Superporous agarose as an affinity chromatography support 776(1997)197
- Gutierrez, C., see Chaves, N. 799(1998)111
- Gutsche, B. and Herderich, M.
High-performance liquid chromatography-electrospray ionisation-tandem mass spectrometry for the analysis of 1,2,3,4-tetrahydro- β -carboline derivatives 767(1997)101
- Guttman, A.
Analysis of monosaccharide composition by capillary electrophoresis 763(1997)271
- Guttman, A. and Williams Ulfelder, K.
Exoglycosidase matrix-mediated sequencing of a complex glycan pool by capillary electrophoresis 781(1997)547
- Guzmán, R., see López, Z.K. 791(1997)99
- Györi, Z., see Prokisch, J. 774(1997)363

H

- Ha, Y., see Cheung, A.P. 797(1998)283
- Haber, P., see Abraham, M.H. 766(1997)35
- Hadašová, E., see Vargas, G. 772(1997)271
- Haddad, P.R.
Comparison of ion chromatography and capillary electrophoresis for the determination of inorganic ions 770(1997)281
- Haddad, P.R., see Buchberger, W.W. 789(1997)67
- Haddad, P.R., see Doble, P. 770(1997)291
- Haddad, P.R., see Fagan, P.A. 770(1997)165
- Haddad, P.R., see Fagan, P.A. 770(1997)175
- Haddad, P.R., see Harakuwe, A.H. 793(1998)187
- Haddad, P.R., see Huang, Q. 770(1997)3
- Haddad, P.R., see Huang, Q. 777(1997)384
- Haddad, P.R., see Kuban, P. 770(1997)329
- Haddad, P.R., see Macka, M. 767(1997)303
- Haddad, P.R., see Macka, M. 793(1998)177
- Haddad, P.R., Macka, M., Hilder, E.F. and Bogan, D.P.
Separation of metal ions and metal-containing species by micellar electrokinetic capillary chromatography, including utilisation of metal ions in separations of other species 780(1997)329
- Haddad, P.R., see Ohta, K. 752(1996)167
- Haddad, P.R., see Ohta, K. 770(1997)219
- Haddad, P.R., see Ohta, K. 782(1997)33
- Haddad, P.R., see Paull, B. 789(1997)329
- Haddix, H.M., see Woolf, E. 762(1997)311
- Haegle, K.D., see Huebert, N.D. 762(1997)293
- Haerdi, W., see Kohler, M. 785(1997)353
- Hage, D.S., see Chattopadhyay, A. 758(1997)255
- Hage, D.S., see Rollag, J.G. 765(1997)145
- Hage, D.S., see Rollag, J.G. 795(1998)185
- Hage, D.S., see Yang, J. 766(1997)15
- Hagel, L., see Mitchell, N.S. 779(1997)73
- Hagemann, H.W., see Hollender, J. 776(1997)233
- Hagen, S.R., Thompson, J.D., Snyder, D.S. and Myers, K.R.
Analysis of a monophosphoryl lipid A immunostimulant preparation from *Salmonella minnesota* R595 by high-performance liquid chromatography 767(1997)53
- Haggan, G.R., see Colgan, S.T. 764(1997)233
- Hägglund, I. and Ståhlberg, J.
Ideal model of chromatography applied to charged solutes in reversed-phase liquid chromatography 761(1997)3
- Hägglund, I. and Ståhlberg, J.
Method for determination of the chromatographic surface area of reversed-phase surfaces 761(1997)13
- Haginaka, J. and Kanasugi, N.
Enantioselectivity of bovine serum albumin-bonded columns produced with isolated protein fragments. II. Characterization of protein fragments and chiral binding sites 769(1997)215

- Haginaka, J. and Kanasugi, N.
Separation of basic drug enantiomers by capillary zone electrophoresis using ovoglycoprotein as a chiral selector 782(1997)281
- Haginaka, J. and Takehira, H.
Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein. I. Influences of the pore size of base silica materials and bound protein amounts on chiral resolution 773(1997)85
- Haginaka, J. and Takehira, H.
Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein. II. Comparison of chiral recognition properties with crude ovomucoid 777(1997)241
- Hagiwara, Y., see Shibusawa, Y. 759(1997)47
- Hagman, A., see Mulugeta, E. 798(1998)83
- Hahn, R., Schulz, P.M., Schaupp, C. and Jungbauer, A.
Bovine whey fractionation based on cation-exchange chromatography 795(1998)277
- Haider, K., see Buchberger, W. 770(1997)59
- Hajós, P.
Histidine as a dipolar eluent component in cation chromatography 789(1997)141
- Hajós, P., see Bruzzoniti, M.C. 770(1997)13
- Hajós, P., see Révész, G. 753(1996)253
- Hajós, P. and Révész, G.
Alkanesulfonate homologous series as eluent components in anion chromatography. Novel eluent selection system for monovalent analytes 771(1997)23
- Hajšlová, J., Holadová, K., Kocourek, V., Poušťka, J., Godula, M., Čuhra, P. and Kempný, M.
Matrix-induced effects: a critical point in the gas chromatographic analysis of pesticide residues 800(1998)283
- Hajšlová, J., see Kocourek, V. 800(1998)297
- Haken, J.K. and Iddamalgoda, P.I.
Degradative polymer analysis by chromatography 756(1996)1
- Hale, R.C. and Aneiro, K.M.
Determination of coal tar and creosote constituents in the aquatic environment (Review) 774(1997)79
- Halfar, M., see Thömmes, J. 752(1996)111
- Hall, B.J. and Brodbelt, J.S.
Determination of barbiturates by solid-phase microextraction (SPME) and ion trap gas chromatography–mass spectrometry 777(1997)275
- Hamada, J.S.
Large-scale high-performance liquid chromatography of enzymes for food applications 760(1997)81
- Hamada, M., see Dobashi, A. 780(1997)179
- Hamai, S. and Sakurai, H.
 $^2\text{H}_2\text{O}$ effects on the inclusional complexation of β -cyclodextrin with sodium 2-naphthalenesulfonate in capillary electrophoresis and UV spectrophotometry 800(1998)327
- Hamburger, M., see Zhou, S. 755(1996)189
- Hammond, D.J., see Chen, S.X. 800(1998)207
- Han, S., see Ma, Z. 766(1997)282
- Han, Y.S., see Yoo, Y.S. 763(1997)285
- Hanai, T., Koizumi, K., Kinoshita, T., Arora, R. and Ahmed, F.
Prediction of $\text{p}K_a$ values of phenolic and nitrogen-containing compounds by computational chemical analysis compared to those measured by liquid chromatography 762(1997)55
- Hancock, J.R., see D'Agostino, P.A. 767(1997)77
- Hancock, J.R., see D'Agostino, P.A. 800(1998)89
- Hancock, P., see Yasin, M. 754(1996)235
- Hancock, W.S., see Apffel, A. 777(1997)3
- Händel, H., see Braumann, U. 761(1997)336
- Händel, H., see Strohschein, S. 765(1997)207
- Handley, A., see Pham Tuan, H. 791(1997)187
- Haney, P.W. and Dash, A.K.
Simple liquid chromatographic method for the analysis of 5-aminosalicylic acid and its degradation product 765(1997)233
- Hansen, B.E., see Heegaard, N.H.H. 781(1997)91
- Hansen, D.K. and Lunte, S.M.
Determination of kynurenic acid by capillary electrophoresis with laser-induced fluorescence detection 781(1997)81
- Hansen, S.H., Bjørnsdottir, I. and Tjørnelund, J.
Separation of cationic *cis-trans* (*Z-E*) isomers and diastereoisomers using non-aqueous capillary electrophoresis 792(1997)49
- Hansen, S.H., see Tjørnelund, J. 779(1997)235
- Hansen, S.H., see Tjørnelund, J. 792(1997)475
- Hanson, J.T., see Jacobson, F.S. 763(1997)31
- Harada, K.-i., see Oka, H. 791(1997)53
- Harakuwe, A.H., Haddad, P.R. and Thomas, R.
Analysis of difficult samples by capillary zone electrophoresis. I. Simultaneous separation of detrimental anions in concrete digested with concentrated nitric acid 793(1998)187
- Harbol, K.L., see Morgan, D.G. 800(1998)39
- Hardcastle, J.E., see Jano, I. 762(1997)63
- Hardcastle, J.E., Vermillion-Salsbury, R., Zhao, K. and Jano, I.
Use of secondary equilibria in reversed-phase high-performance liquid chromatography for the determination of dissociation constants of polyprotic leukotrienes 763(1997)199
- Harding, D.R.K., see Burton, S.C. 775(1997)29
- Harding, D.R.K., see Burton, S.C. 775(1997)39
- Harding, D.R.K., see Burton, S.C. 796(1998)273
- Hardy, S., see Jones, P. 765(1997)345
- Hardy, S. and Jones, P.
Capillary electrophoresis determination of methylmercury in fish and crab meat after extraction as the dithizone sulphonate complex 791(1997)333
- Hargreaves, C., see Morris, V.M. 766(1997)245
- Häring, D., see Richling, E. 791(1997)71
- Häring, H.U., see Lieblich, H.M. 795(1998)388
- Harino, H., Inoue, Y., Yoshioka, J., Tsunoi, S., Eguchi, M., Yasaka, Y., Funazo, K. and Tanaka, M.
Separation of naphthalene and flavone derivatives by micellar electrokinetic chromatography with double- and triple-chain surfactants 755(1996)147
- Harland, G.B., see Smyth, W.F. 772(1997)161

- Harms, A.V., van Elteren, J.T. and Claessens, H.A.
Technetium speciation: non-size effects in size-exclusion chromatography 755(1996)219
- Harris, C.I., see Torraldonna, D. 778(1997)383
- Harris, D.W., see Mansfield, E.S. 781(1997)295
- Harris, S.J., see Glennon, J.D. 770(1997)85
- Harrison, D.J., see Colyer, C.L. 781(1997)271
- Hartmann, C., see Vander Heyden, Y. 756(1996)89
- Hartonen, K., Bowadt, S., Hawthorne, S.B. and Riekkola, M.-L.
Supercritical fluid extraction with solid-phase trapping of chlorinated and brominated pollutants from sediment samples 774(1997)229
- Hartonen, K., Inkala, K., Kangas, M. and Riekkola, M.-L.
Extraction of polychlorinated biphenyls with water under subcritical conditions 785(1997)219
- Hartwick, R.A., see Whynot, D.M. 767(1997)231
- Harvey, S.D. and Clauss, T.R.W.
Rapid on-line chromatographic determination of trace-level munitions in aqueous samples 753(1996)81
- Harvey, S.D., Galloway, H. and Krupsha, A.
Trace analysis of military high explosives (2,4,6-trinitrotoluene and hexahydro-1,3,5-trinitro-1,3,5-triazine) in agricultural crops 775(1997)117
- Harwood, J.J. and Su, W.
Analysis of organic and inorganic selenium anions by ion chromatography-inductively coupled plasma atomic emission spectroscopy 788(1997)105
- Hase, S., see Yanagida, K. 800(1998)187
- Hasegawa, M., see Ohwaki, M. 793(1998)223
- Hashimoto, H., see Nakamura, S. 789(1997)381
- Hashimoto, M., see Uehara, N. 789(1997)395
- Hashimoto, Y., see Hirokawa, T. 772(1997)357
- Hasirci, V., see Denizli, A. 758(1997)217
- Hasnaoui, M., Debbia, M., Cochet, S., Cartron, J.P., Lambin, P. and Bertrand, O.
Screening of a large number of dyes for the separation of human immunoglobulin G2 from the other immunoglobulin G subclasses. Immunoglobulin G2 enrichment on immobilized Procion Yellow HE-4R 766(1997)49
- Hatakeyama, S.-i., see Sato, M. 789(1997)361
- Hatrík, Š., see Tekel', J. 754(1996)397
- Hauser, P.C., see Schnierle, P. 779(1997)347
- Havel, J. and Janoš, P.
Evaluation of capillary zone electrophoresis equilibrium data using the CELET program 786(1997)321
- Havel, J., Peña, E.M., Rojas-Hernández, A., Doucet, J.-P. and Panaye, A.
Neural networks for optimization of high-performance capillary zone electrophoresis methods. A new method using a combination of experimental design and artificial neural networks 793(1998)317
- Havel, J., see Pirogov, A.V. 772(1997)347
- Havel, J., see Revilla, A.L. 772(1997)397
- Havel, J., see Vargas, G. 772(1997)271
- Hawkes, S.J.
Programmed temperature gas chromatographic data from isothermal retention indices 753(1996)147
- Hawthorne, S.B., see Bøwadt, S. 785(1997)205
- Hawthorne, S.B., see Hartonen, K. 774(1997)229
- Hawthorne, S.B., see Yang, Yu. 800(1998)257
- Hayakawa, J., see Oka, H. 791(1997)53
- Hayakawa, K., see Ando, K. 789(1997)43
- Hayase, S., Oda, Y., Honda, S. and Kakehi, K.
High-performance capillary electrophoresis of hyaluronic acid: determination of its amount and molecular mass 768(1997)295
- Hayashi, Y., see Nishikawa, T. 767(1997)93
- Hayashi, Y., see Nishikawa, T. 782(1997)296
- Hayes, K.F., see Kibbey, T.C.G. 752(1996)155
- Hazari, V., see Pesek, J.J. 786(1997)219
- He, C., Fischer, S., Meyer, G., Müller, I. and Jüngst, D.
Two-dimensional electrophoretic analysis of vesicular and micellar proteins of gallbladder bile 776(1997)109
- He, J., see Cheung, A.P. 797(1998)283
- He, J., see Poe, D.P. 785(1997)135
- He, X.-g., Bernart, M.W., Lian, L.-z. and Lin, L.-z.
High-performance liquid chromatography-electrospray mass spectrometric analysis of pungent constituents of ginger 796(1998)327
- He, X.-g., Lian, L.-z. and Lin, L.-z.
Analysis of lignan constituents from *Schisandra chinensis* by liquid chromatography-electrospray mass spectrometry 757(1997)81
- He, X.-g., Lian, L.-z., Lin, L.-z. and Bernart, M.W.
High-performance liquid chromatography-electrospray mass spectrometry in phytochemical analysis of sour orange (*Citrus aurantium* L.) 791(1997)127
- He, X.-g., Lin, L.-z. and Lian, L.-z.
Analysis of flavonoids from red clover by liquid chromatography-electrospray mass spectrometry 755(1996)127
- He, Y. and Lee, H.K.
Orthogonal array design experiments for optimizing the separation of various pesticides by cyclodextrin-modified micellar electrokinetic chromatography 793(1998)331
- Healy, B.M., see Draisci, R. 798(1998)137
- Hearn, M.T.W., see Björklund, M. 762(1997)113
- Hearn, M.T.W., see Finette, G.M.S. 763(1997)71
- Heaton, D.M., Bartle, K.D., Myers, P. and Clifford, A.A.
Use of modifier as trapping fluid in preparative supercritical fluid chromatography 753(1996)306
- Heberer, T., see Dubey, J.K. 765(1997)31
- Heegaard, N.H.H., Hansen, B.E., Svegaard, A. and Fugger, L.H.
Interactions of the human class II major histocompatibility complex protein HLA-DR4 with a peptide ligand demonstrated by affinity capillary electrophoresis 781(1997)91
- Heems, D., Luck, G., Fraudeau, C. and Vérette, E.
Fully automated precolumn derivatization, on-line dialysis and high-performance liquid chromatographic analysis of amino acids in food, beverages and feedstuff 798(1998)9
- Heemstra, S., see van den Bosch, S.E. 755(1996)165
- Heeter, G.A. and Liapis, A.I.
Affinity adsorption of adsorbates into spherical monodisperse and bidisperse porous perfusive and purely diffusive adsorbent particles packed in a column. Parameter estimation in the Laplace transform domain 760(1997)55

- Heeter, G.A. and Liapis, A.I.
Estimation of pore diameter for intraparticle fluid flow in bidisperse porous chromatographic particles 761(1997)35
- Heeter, G.A. and Liapis, A.I.
Model discrimination and estimation of the intraparticle mass transfer parameters for the adsorption of bovine serum albumin onto porous adsorbent particles by the use of experimental frontal analysis data 776(1997)3
- Heeter, G.A. and Liapis, A.I.
Frontal chromatography of proteins. Effect of axial dispersion on column performance 796(1998)157
- Heger, R., see Czichocki, G. 791(1997)350
- Heijbel, A., see Lagerlund, I. 796(1998)129
- Heine, G., Raida, M. and Forssmann, W.-G.
Mapping of peptides and protein fragments in human urine using liquid chromatography-mass spectrometry 776(1997)117
- Heinig, K., Vogt, C. and Werner, G.
Determination of cationic surfactants by capillary electrophoresis with indirect photometric detection 781(1997)17
- Heinzel, M., see Hollender, J. 776(1997)233
- Heitmeier, S., see Fanali, S. 800(1998)69
- Heitmeier, S., see Schulte, G. 800(1998)77
- Helfferich, F.G.
Non-linear waves in chromatography. III. Multicomponent Langmuir and Langmuir-like systems 768(1997)169
- Helias, N., see Wentworth, W.E. 795(1998)319
- Helliger, W., see Lindner, H. 782(1997)55
- Hendel, J.G., see Court, W.A. 755(1996)11
- Hendel, J.G., see Court, W.A. 771(1997)387
- Hendershot, S., Koharski, D. and McNamara, P.
Use of fluorine-containing stationary phases for the separation of an alkyl bromide from its hydrocarbon analog by high-performance liquid chromatography 762(1997)159
- Henderson, J.W., see Kirkland, J.J. 762(1997)97
- Henion, J.D., see Bean, K.A. 791(1997)119
- Hennion, M.-C., see Dugay, J. 795(1998)27
- Hennion, M.-C., see Ferrer, I. 777(1997)91
- Hennion, M.-C., see Lawrence, J.F. 752(1996)147
- Hennion, M.-C., see Pichon, V. 795(1998)83
- Hennion, M.-C., see Rivasseau, C. 799(1998)155
- Heo, Y.J., Kim, S.Y., Kim, E. and Lee, K.-J.
Quaternary structural analysis of nucleoside diphosphate kinases using capillary electrophoresis 781(1997)251
- Her, G.-R., see Ju, D.-D. 779(1997)195
- Herbreteau, B., see Salvador, A. 785(1997)195
- Herderich, M., see Gutsche, B. 767(1997)101
- Herderich, M., see Richling, E. 791(1997)71
- Herget, J., see Deyl, Z. 796(1998)181
- Herguedas, A., see Bernal, J.L. 754(1996)257
- Herguedas, A., see Bernal, J.L. 778(1997)119
- Herman, A.C., see Ratto, J.J. 763(1997)337
- Hermans-Lokkerbol, A., van der Heijden, R. and Verpoorte, R.
Isocratic high-performance liquid chromatography of coenzyme A esters involved in the metabolism of 3S-hydroxy-3-methylglutaryl-coenzyme A. Detection of related enzyme activities in *Catharanthus roseus* plant cell cultures 752(1996)123
- Hermans-Lokkerbol, A.C.J., Hoek, A.C. and Verpoorte, R.
Preparative separation of bitter acids from hop extracts by centrifugal partition chromatography 771(1997)71
- Hermansson, I., see Hermansson, J. 797(1998)251
- Hermansson, J., Grahn, A. and Hermansson, I.
Direct injection of large volumes of plasma/serum on a new biocompatible extraction column for the determination of atenolol, propranolol and ibuprofen. Mechanisms for the improvement of chromatographic performance 797(1998)251
- Hernández, F., see Font, N. 798(1998)179
- Hernández, F., Hidalgo, C., Sancho, J.V. and López, F.J.
New method for the rapid determination of triazine herbicides and some of their main metabolites in water by using coupled-column liquid chromatography and large volume injection 778(1997)171
- Hernández, F., see Sancho, J.V. 761(1997)322
- Hernández, F., see Serrano, R. 778(1997)151
- Hernández, L., see Da Silva, M.P. 761(1997)139
- Hernández, L., see Espartero, A.G. 778(1997)355
- Hernandez, L.M., see Ramos, L. 759(1997)127
- Hernández-Apaolaza, L., Barak, P. and Lucena, J.J.
Chromatographic determination of commercial Fe(III) chelates of ethylenediaminetetraacetic acid, ethylenediaminedi(*o*-hydroxyphenylacetic) acid and ethylenediaminedi(*o*-hydroxy-*p*-methylphenylacetic) acid 789(1997)453
- Hernández Méndez, J., see Carabias Martínez, R. 754(1996)85
- Herod, A.A., see Johnson, B.R. 758(1997)65
- Herraiz, T. and Sanchez, F.
Presence of tetrahydro-β-carboline-3-carboxylic acids in foods by gas chromatography-mass spectrometry as their *N*-methoxycarbonyl methyl ester derivatives 765(1997)265
- Herrera, E., see Barbas, C. 778(1997)415
- Hess, R., see Schrader, M. 776(1997)139
- Hess, R., see Schulz-Knappe, P. 776(1997)125
- Hesselink, W., see Schuster, A. 793(1998)77
- Hetper, J. and Sobera, M.
High-resolution pyrolysis-gas chromatography with a movable reaction zone 776(1997)337
- Heuer, C., Hugo, P., Mann, G. and Seidel-Morgenstern, A.
Scale up in preparative chromatography 752(1996)19
- Hibbert, D.B., see Chen, Z.-L. 766(1997)27
- Hibbert, D.B., see Mulholland, M. 762(1997)73
- Hida, M., Mitsui, T., Ohtani, H. and Tsuge, S.
Determination of triazolam in a drug tablet by thermal desorption gas chromatography 761(1997)332
- Hidalgo, C., see Hernández, F. 778(1997)171
- Hidalgo, C., see Sancho, J.V. 761(1997)322
- Higashi, K., see Fukushi, K. 759(1997)211
- Higashi, K., see Fukushi, K. 772(1997)313
- Higashi, K., see Takeda, S. 781(1997)11
- Hiro, K., see Fukushi, K. 759(1997)211
- Hiro, K., see Fukushi, K. 760(1997)253
- Hiro, K., see Fukushi, K. 772(1997)313
- Hilaireau, P., see Dapremont, O. 796(1998)81
- Hilbert, G., see Masson, P. 752(1996)298
- Hilder, E.F., see Haddad, P.R. 780(1997)329
- Hill, D.W., see Zhu, P.L. 756(1996)21
- Hill, D.W., see Zhu, P.L. 756(1996)51

- Hill, D.W., see Zhu, P.L. 756(1996)63
 Hill, S.J., see Sutton, R.M.C. 789(1997)389
 Hilmi, A., Luong, J.H.T. and Nguyen, A.-L.
 Capillary electrophoretic separation of chlorophenols using amperometric detection 761(1997)259
 Hiltunen, R., see Liang, H.-R. 798(1998)233
 Hind, A.R., Bhargava, S.K. and Grocott, S.C.
 Quantitation of alkyltrimethylammonium bromides in Bayer process liquors by gas chromatography and gas chromatography-mass spectrometry 765(1997)287
 Hindsgaul, O., see Le, X.C. 781(1997)515
 Hinsdale, M., see Friedberg, M.A. 781(1997)35
 Hinsdale, M.E., see Friedberg, M.A. 781(1997)491
 Hirata, Y., see Funada, Y. 764(1997)301
 Hirata, Y., see Funada, Y. 800(1998)317
 Hirokawa, T. and Hashimoto, Y.
 Simultaneous separation of yttrium and lanthanide ions by isotachophoresis 772(1997)357
 Hirokawa, T. and Mao, Q.
 New method to determine stability constants of lanthanide-EDTA complexes by isotachophoresis 786(1997)377
 Hirsch, A., see Gross, B. 791(1997)65
 Hishioka, Y., see Sato, H. 789(1997)267
 Hjerpe, A., see Karamanos, N.K. 765(1997)169
 Hjertén, S., see Ericson, C. 767(1997)33
 Hjertén, S., see Zeng, C.-M. 753(1996)227
 Hlavay, J., see Kiss, G. 774(1997)349
 Hlavay, J., see Krivácsy, Z. 781(1997)223
 Hobo, T., see Mizuishi, K. 800(1998)267
 Hochstrasser, D.F., see Yan, J.X. 764(1997)201
 Hodges, R.S., see D'Agostino, P.A. 800(1998)89
 Hodges, R.S., see Mant, C.T. 791(1997)85
 Hodges, R.S., see Sereda, T.J. 776(1997)153
 Hoek, A.C., see Hermans-Lokkerbol, A.C.J. 771(1997)71
 Hoes, I., see Esmans, E.L. 794(1998)109
 Hoffmann, J., see Komárek, K. 773(1997)219
 Hoffmann, J., see Komárek, K. 800(1998)305
 Hoffmann, M., see Seebach, D. 796(1998)299
 Hofmann, M.
 A novel technology for packing and unpacking pilot and production scale columns 796(1998)75
 Hofstadler, S.A., see Muddiman, D.C. 771(1997)1
 Hofstetter, H., Hofstetter, O. and Schurig, V.
 Rapid separation of enantiomers in perfusion chromatography using a protein chiral stationary phase 764(1997)35
 Hofstetter, O., see Hofstetter, H. 764(1997)35
 Hofte, A.J.P., see Buscher, B.A.P. 777(1997)51
 Hofte, A.J.P., see Van der Hoeven, R.A.M. 762(1997)193
 Hogenboom, A.C., Malmqvist, U.K., Nolkrantz, K., Vreuls, J.J. and Brinkman, U.A.Th.
 Rapid analysis of organic microcontaminants in environmental water samples by trace enrichment and liquid chromatography on a single short column 759(1997)55
 Hogenboom, A.C., Niessen, W.M.A. and Brinkman, U.A.Th.
 Rapid target analysis of microcontaminants in water by on-line single-short-column liquid chromatography combined with atmospheric pressure chemical ionization ion-trap mass spectrometry 794(1998)201
 Hogenboom, A.C., Speksnijder, P., Vreeken, R.J., Niessen, W.M.A. and Brinkman, U.A.Th.
 Rapid target analysis of microcontaminants in water by on-line single-short-column liquid chromatography combined with atmospheric pressure chemical ionization tandem mass spectrometry 777(1997)81
 Hogendoorn, E.A., see Font, N. 798(1998)179
 Hogendoorn, E.A., Hoogerbrugge, R., Baumann, R.A., Meiring, H.D., de Jong, A.P.J.M. and van Zoonen, P.
 Screening and analysis of polar pesticides in environmental monitoring programmes by coupled-column liquid chromatography and gas chromatography-mass spectrometry 754(1996)49
 Hoitink, M.A., Hop, E., Beijnen, J.H., Bult, A., Kettenes-van den Bosch, J.J. and Underberg, W.J.M.
 Capillary zone electrophoresis-mass spectrometry as a tool in the stability research of the luteinising hormone-releasing hormone analogue goserelin 776(1997)319
 Holadová, K., see Hajšlová, J. 800(1998)283
 Holadová, K., see Kocourek, V. 800(1998)297
 Holen, B., see Mensah, J.K. 765(1997)85
 Holšková, J., see Jandera, P. 762(1997)15
 Hollands, A.M.J., see Vander Heyden, Y. 756(1996)89
 Hollender, J., Shneine, J., Dott, W., Heinzel, M., Hagemann, H.W. and Götz, G.K.E.
 Extraction of polycyclic aromatic hydrocarbons from polluted soils with binary and ternary supercritical phases 776(1997)233
 Hollósi, I., see Lengyel, J. 762(1997)321
 Holm, T.
 Mechanism of the flame ionization detector. II. Isotope effects and heteroatom effects 782(1997)81
 Holub, J., see Grüner, B. 793(1998)249
 Holzgrabe, U., see Branch, S.K. 758(1997)277
 Honda, F., Honda, H., Koishi, M. and Matsuno, T.
 Double-layered composite particles as a complex stationary phase for high-performance liquid chromatography 775(1997)13
 Honda, H., see Honda, F. 775(1997)13
 Honda, S., see Hayase, S. 768(1997)295
 Honda, S., Taga, A., Kotani, M. and Grover, E.R.
 Separation of aldose enantiomers by capillary electrophoresis in the presence of optically active N-dodecoxycarbonylvalines 792(1997)385
 Honda, S., Togashi, K. and Taga, A.
 Unusual separation of 1-phenyl-3-methyl-5-pyrazolone derivatives of aldoses by capillary zone electrophoresis 791(1997)307
 Honing, M., see Salau, J.S. 795(1998)3
 Hoogerbrugge, R., see Hogendoorn, E.A. 754(1996)49
 Hoogmartens, J., see Adams, E. 766(1997)133
 Hoogmartens, J., see Liu, L. 764(1997)43
 Hoogmartens, J., see Yongxin, Z. 773(1997)147
 Hoogmartens, J., see Zhu, Y. 781(1997)417
 Hoogmartens, J., see Zhu, Y. 792(1997)83
 Hop, E., see Hoitink, M.A. 776(1997)319
 Hopmans, E.C., see Knize, M.G. 763(1997)179
 Hoppe, H., see Arnim Cumme, G. 791(1997)245

- Horie, H., Mukai, T. and Kohata, K.
Simultaneous determination of qualitatively important components in green tea infusions using capillary electrophoresis 758(1997)332
- Horimai, T., Ohara, M. and Ichinose, M.
Optical resolution of new quinolone drugs by capillary electrophoresis with ligand-exchange and host-guest interactions 760(1997)235
- Horká, M., Kahle, V. and Šlais, K.
Influence of the capillary dimensions on the performance of the preconcentration technique based on parallel current chromatography 791(1997)163
- Horn, A., see Arnim Cumme, G. 791(1997)245
- Horn, H., see Josić, D. 796(1998)289
- Horton, D., see Da Costa, C.T. 799(1998)321
- Horvai, G., see Tolokán, A. 771(1997)35
- Horváth, C., see Rathore, A.S. 787(1997)1
- Horváth, Cs., see Chen, M.H. 788(1997)51
- Horváth, Cs., see Choudhary, G. 781(1997)161
- Horváth, Cs., see Huang, X. 788(1997)155
- Horváth, Cs., see Rathore, A.S. 781(1997)185
- Horváth, Cs., see Rathore, A.S. 796(1998)367
- Horváth, V., see Tolokán, A. 771(1997)35
- Hoshino, H., see Krokhin, O.V. 772(1997)339
- Hoshino, H., see Krokhin, O.V. 776(1997)329
- Hoshino, H., see Sato, M. 789(1997)361
- Hoskovec, M., see Koutek, B. 759(1997)91
- Hosoya, K., see Kimata, K. 786(1997)237
- Hosoya, K., see Tanaka, N. 781(1997)139
- Hostettmann, K., see Wolfender, J.-L. 794(1998)299
- Hotaling, T., see Hunt, G. 800(1998)355
- Hottinger, G., see Vetter, W. 769(1997)247
- Hou, J., see Gao, J. 789(1997)195
- Houen, G. and Svendsen, I.
Affinity chromatography of thiol ester-containing proteins 799(1998)139
- Houghton, E., see Creaser, C.S. 794(1998)37
- Hows, M.E.P., Perrett, D. and Kay, J.
Optimisation of a simultaneous separation of sulphonamides, dihydrofolate reductase inhibitors and β -lactam antibiotics by capillary electrophoresis 768(1997)97
- Hrabécz-Pál, A., see Tolokán, A. 771(1997)35
- Hrouzek, J., see Krupčík, J. 779(1997)253
- Hsiang, W.-S., see Lee, M.-R. 775(1997)267
- Hsieh, M.-M. and Chang, H.-T.
Dynamic control for the separation of organic acids in capillary electrophoresis 793(1998)145
- Hsieh, Y.-Z. and Huang, H.-Y.
Determination of saikosaponins by micellar electrokinetic capillary chromatography 759(1997)193
- Hsieh, Y.-Z., see Huang, H.-Ya 771(1997)267
- Hsieh, Y.-Z. and Kuo, K.-L.
Analysis of prostaglandins by micellar electrokinetic capillary chromatography 761(1997)277
- Hsieh, Y.-Z. and Kuo, K.-L.
Separation of retinoids by micellar electrokinetic capillary chromatography 761(1997)307
- Hsieh, Y.-Z., see Kuo, K.-L. 768(1997)334
- Hsu, C.-Y.L. and Walters, R.R.
Assay of bropirimine in rat plasma by means of robotic solid-phase extraction and high-performance liquid chromatography 762(1997)243
- Hu, C.-C., see Liu, C.-Y. 773(1997)199
- Hu, Q., see Li, H. 773(1997)361
- Hu, Z., see Yang, G. 755(1996)308
- Huang, A., Chen, Y., Zhu, T., Fang, X. and Sun, Y.
Simple method for preparing cross-linked polyacrylamide gel-filled capillaries 755(1996)138
- Huang, B.M., see Muddiman, D.C. 771(1997)1
- Huang, H.-Ya., see Hsieh, Y.-Z. 759(1997)193
- Huang, H.-Ya, Kuo, K.-L. and Hsieh, Y.-Z.
Determination of cinnamaldehyde, cinnamic acid, paeoniflorin, glycyrrhizin and [6]-gingerol in the traditional Chinese medicinal preparation Kuei-chih-tang by cyclodextrin-modified micellar electrokinetic chromatography 771(1997)267
- Huang, J., Zhu, X., Lennon, P.J. and Bartell, L.S.
Gas-phase electron diffraction as a detection method in capillary gas chromatography 793(1998)209
- Huang, P., see Wu, J.-T. 794(1998)377
- Huang, Q., Paull, B. and Haddad, P.R.
Optimisation of selectivity in the separation of metallo-cyanide complexes by ion-interaction liquid chromatography 770(1997)3
- Huang, Q., Paull, B. and Haddad, P.R.
Erratum to "Optimisation of selectivity in the separation of metallo-cyanide complexes by ion-interaction liquid chromatography". [J. Chromatogr. A 770 (1997) 3–11] 777(1997)384
- Huang, S.-D., Yi Ting, C. and Lin, C.-S.
Determination of haloethers in water by solid-phase microextraction 769(1997)239
- Huang, T.-L. and Richards, M.
Development of a high-performance capillary isoelectric focusing technique with application to studies of microheterogeneity in chicken conalbumin 757(1997)247
- Huang, W.X., Fazio, S.D. and Vivilecchia, R.V.
Achievement of enantioselectivity of non-polar primary amines by a non-chiral crown ether 781(1997)129
- Huang, X. and Horváth, Cs.
Capillary zone electrophoresis with fluid-impervious polymer tubing inside a fused-silica capillary 788(1997)155
- Huang, Z., see Jing, P. 752(1996)189
- Hubert, Ph., see Ceccato, A. 760(1997)193
- Hubner, P., see Kümmerer, K. 774(1997)281
- Huck, P.M., see Peldszus, S. 793(1998)198
- Hudník, V., see Novič, M. 764(1997)249
- Huebert, N.D., Schwartz, J.-J. and Haegele, K.D.
Analysis of 2-difluoromethyl-DL-ornithine in human plasma, cerebrospinal fluid and urine by cation-exchange high-performance liquid chromatography 762(1997)293
- Huerta, T., see Mateo, J.J. 778(1997)219
- Huf, F.A., see Coolen, S.A.J. 788(1997)95
- Hughes, D.E., see Kats, M. 766(1997)205
- Hughes, D.E., see Rashkovetsky, L.G. 781(1997)197
- Hughes, J.G., see Morris, V.M. 755(1996)235
- Hughes, J.G., see Morris, V.M. 766(1997)245

- Hugo, P., see Heuer, C. 752(1996)19
- Huh, S., see Myung, S.-W. 791(1997)367
- Hui, Y.-H., Marsh, K.C. and Menacherry, S.
Analytical method development for the simultaneous quantitation of dexmedetomidine and three potential metabolites in plasma 762(1997)281
- Hulst, A.G., see Kientz, C.E. 757(1997)51
- Hult, E.L., Emmer, Å. and Roeraade, J.
Capillary electrophoretic separation of acidic and basic proteins in the presence of cationic and anionic fluorosurfactants 757(1997)255
- Hulthe, G., Stenhamn, G. and Fogelqvist, E.
Comparison of dynamic fast atom bombardment/liquid secondary ion mass spectrometry and electrospray mass spectrometry coupled to reversed-phase liquid chromatography for the determination of oligosaccharides in seawater 777(1997)141
- Hulthe, G., Stenhamn, G., Wennerström, O. and Ottosson, C.-H.
Water clusters studied by electrospray mass spectrometry 777(1997)155
- Humanes, L., see Merino, M.T. 760(1997)173
- Hummel, D., see Ratto, J.J. 763(1997)337
- Hummel, H.E., see Schütz, S. 754(1996)265
- Hummel, R.P., see Eberle, D. 759(1997)185
- Hung, W.P., see Sanagi, M.M. 785(1997)361
- Hunt, G., Hotaling, T. and Chen, A.B.
Validation of a capillary isoelectric focusing method for the recombinant monoclonal antibody C2B8 800(1998)355
- Huo, J.-Z., Nelis, H.J., Lavens, P., Sorgeloos, P. and De Leenheer, A.P.
Determination of E vitamers in microalgae using high-performance liquid chromatography with fluorescence detection 782(1997)63
- Husain, S., Narsimha, R., Alvi, S.N. and Rao, R.N.
Monitoring the products of condensation of 4-nitrobenzoyl chloride and 2,4-diaminobenzenesulphonic acid by ion-pair high-performance liquid chromatography 777(1997)370
- Husek, A.
High-performance liquid chromatographic analysis of cyclosporin A and its oral solutions 759(1997)217
- Hyatabarat, L.S., Mulholland, M. and Greenfield, H.
Development and validation of an isocratic high-performance liquid chromatographic method for quantitative determination of phytoestrogens in soya bean 795(1998)377
- Hutchinson, S., see Glennon, J.D. 770(1997)85
- Hüttermann, A., see Majcherczyk, A. 764(1997)183
- Hynning, P.-., Remberger, M., Neilson, A.H., Kipps, M. and Stanley, P.
Broad-spectrum analysis of a contaminated sediment: exemplification of a protocol 774(1997)311
- Hyötyläinen, T., Keski-Hynnilä, H. and Riekkola, M.-L.
Determination of morphine and its analogues in urine by on-line coupled reversed-phase liquid chromatography-gas chromatography with on-line derivatization 771(1997)360
- Hyun, M.H., Na, M.S. and Jin, J.S.
Chiral recognition models for the liquid chromatographic resolution of π -acidic racemates on a chiral stationary phase derived from *N*-phenyl-*N*-alkylamide of (*S*)-naproxen 752(1996)77
- Iacazio, G., see Martini, D. 790(1997)235
- Iadarola, P., see Grimm, R. 768(1997)57
- Ibañez, E., Borrós, S., Comellas, L. and Gassiot, M.
Determination of β -hydroxy fatty acids in sewage sludge by using selected ion monitoring 775(1997)287
- Ibarra, I., see Prado, C. 778(1997)255
- Ichinose, M., see Horimai, T. 760(1997)235
- Iddamalgoda, P.I., see Haken, J.K. 756(1996)1
- Idehara, T., see Watanabe, T. 796(1998)397
- Iglesias-Jiménez, E., see Sánchez-Camazano, M. 754(1996)279
- Iglesias-Jiménez, E., see Sánchez-Martín, M.J. 754(1996)295
- Ikai, Y., see Oka, H. 791(1997)53
- Ikeda, T., see Torimura, M. 790(1997)1
- Ilie, V.A., Radu, G.L. and Aboul-Enein, H.Y.
Aminosilica chemically modified with dodecamolybdophosphoric acid as stationary phase in high-performance liquid chromatography 796(1998)259
- Iliopoulou, E., see Abatzoglou, Ch. 775(1997)211
- Ilyina, N.B., see Andreev, V.P. 772(1997)115
- Imanari, T., see Toida, T. 787(1997)266
- Infante, M.R., see Piera, E. 757(1997)275
- Ingelse, B.A., Flieger, M., Claessens, H.A. and Everaerts, F.M.
Ergot alkaloids as chiral selectors in capillary electrophoresis. Determination of the separation mechanism 755(1996)251
- Ingelse, B.A., see Reijenga, J.C. 772(1997)195
- Ingelse, B.A., see Reijenga, J.C. 776(1997)361
- Ingelse, B.A., see Reijenga, J.C. 792(1997)371
- Ingelse, B.A., Reijenga, J.C. and Everaerts, F.M.
Reversed determination of the formation constants of 1-allyl tergueride with mandelic acid optical isomers using capillary electrophoresis 772(1997)179
- Ingelse, B.A., Reijenga, J.C., Flieger, M. and Everaerts, F.M.
Capillary electrophoretic separation of herbicidal enantiomers applying ergot alkaloids 791(1997)339
- Ingólfssdóttir, K., see Gudjónsdóttir, G.A. 757(1997)303
- Inkala, K., see Hartonen, K. 785(1997)219
- Inoue, H., see Mudasir 799(1998)171
- Inoue, T., see Song, J.M. 765(1997)315
- Inoue, Y., see Harino, H. 755(1996)147
- Inoue, Y., see Ono, S. 752(1996)287
- Inoue, Y., see Yamanaka, M. 789(1997)259
- Irgolic, K.J., see Goessler, W. 789(1997)233
- Irie, T., see Ishimura, K. 769(1997)209
- Iriondo, C., see Escobal, A. 778(1997)225
- Irth, H., see Lutz, E.S.M. 755(1996)179
- Irth, H., see Lutz, E.S.M. 776(1997)169
- Irth, H., see Oosterkamp, A.J. 787(1997)27
- Irth, H., see Oosterkamp, A.J. 787(1997)37
- Irth, H., see van Bommel, M.R. 755(1996)205
- Irth, H., see Van der Hoeven, R.A.M. 762(1997)193
- Ishaq, K.S., see Sadler, B.R. 799(1998)117

I

- Ishihama, Y., see Abraham, M.H. 752(1996)243
 Ishihama, Y., see Katayama, H. 764(1997)151
 Ishii, T., see Iwahashi, H. 773(1997)23
 Ishimura, K., Fukunaga, K., Irie, T., Uekama, K., Ohta, T. and Nakamura, H.
 Application of a β -cyclodextrin sulfate-immobilized precolumn to selective on-line enrichment and separation of heparin-binding proteins by column-switching high-performance liquid chromatography 769(1997)209
 Ishioka, N., see Kurosu, Y. 752(1996)279
 Ishioka, N., see Kurosu, Y. 771(1997)311
 Ishizuka, N., see Minakuchi, H. 762(1997)135
 Ishizuka, N., see Minakuchi, H. 797(1998)121
 Ishizuka, N., Minakuchi, H., Nakanishi, K., Soga, N. and Tanaka, N.
 Designing monolithic double-pore silica for high-speed liquid chromatography 797(1998)133
 Isozaki, A., see Okamoto, T. 800(1998)239
 Issaeva, T., see Kurganov, A. 753(1996)177
 Issaq, H.J., see Janini, G.M. 792(1997)125
 Ito, K.
 Separation behavior of inorganic anions on an octadecyl-bonded silica column coated with cetyltrimethylammonium by phthalate and salicylate eluents 764(1997)346
 Ito, Y. and Ma, Y.
 pH-Zone-refining countercurrent chromatography 753(1996)1
 Ito, Y., see Ma, Y. 771(1997)81
 Ito, Y., see Oka, H. 791(1997)53
 Ito, Y., see Shibusawa, Y. 759(1997)47
 Ito, Y., see Suto, K. 786(1997)366
 Ito, Y., see Suto, K. 786(1997)371
 Itoh, H., Kawasaki, S. and Tadano, J.
 Application of liquid chromatography-atmospheric-pressure chemical-ionization mass spectrometry to pesticide analysis 754(1996)61
 Itokawa, H., see Suto, K. 786(1997)366
 Itokawa, H., see Suto, K. 786(1997)371
 Iturriaga, H., see Blanco, M. 793(1998)165
 Iturriaga, H., see Blanco, M. 799(1998)301
 Iuliano, A., Pieroni, E. and Salvadori, P.
 New 1,3,5-triazine based chiral stationary phase for the high-performance liquid chromatographic separation of enantiomers 786(1997)355
 Ivanov, A.E., Zhigis, L.S., Kurganova, E.V. and Zubov, V.P.
 Effect of temperature upon the chromatography of proteins on porous glass, chemically coated with N-isopropylacrylamide copolymer 776(1997)75
 Iványi, F., see Kaniansky, D. 772(1997)103
 Ivask, J. and Pentchuk, J.
 Analysis of ions in polar ice core samples by use of large injection volumes in ion chromatography 770(1997)125
 Iwade, T., see Akama, Y. 789(1997)479
 Iwahashi, H.
 Quantitative detection of reduced, radical and oxidized forms of α -(4-pyridyl-1-oxide)-*N*-*tert*.-butylnitrone radical adduct using high-performance liquid chromatography with electrochemical detection 753(1996)235
 Iwahashi, H. and Ishii, T.
 Detection of the oxidative products of 3-hydroxykynurenone using high-performance liquid chromatography-electrochemical detection-ultraviolet absorption detection-electron spin resonance spectrometry and high-performance liquid chromatography-electrochemical detection-ultraviolet absorption detection-mass spectrometry 773(1997)23
 Iwasaki, H., see Suto, K. 786(1997)371
 Iwasaki, H., see Tanaka, N. 781(1997)139
 Iwase, H. and Ono, I.
 Determination of cyanocobalamin in foods by high-performance liquid chromatography with visible detection after solid-phase extraction and membrane filtration for the precolumn separation of lipophilic species 771(1997)127
 Iwata, T., see Kurosu, Y. 787(1997)261
 Iwaya, M., see Oka, H. 791(1997)53
 Izquierdo-Hornillos, R., see Gasco-Lopez, A.I. 775(1997)179
 Izquierdo-Pulido, M., see Albalá-Hurtado, S. 778(1997)235
 Izquierdo-Pulido, M., see Albalá-Hurtado, S. 778(1997)247

J

- Jackson, P.E., see Pohl, C.A. 789(1997)29
 Jackson, P.E., see Toofan, M. 761(1997)163
 Jackson, P.E., see Toofan, M. 775(1997)109
 Jackson, Y.A., see Simpson, G.I.C. 766(1997)141
 Jacob, V., see Coeur, C. 786(1997)185
 Jacobson, F.S., Hanson, J.T., Wong, P.-Y., Mulkerrin, M., Deveney, J., Reilly, D. and Wong, S.C.
 Role of high-performance liquid chromatographic protein analysis in developing fermentation processes for recombinant human growth hormone, relaxin, antibody fragments and lymphotoxin 763(1997)31
 Jagt, I., see Somsen, G.W. 756(1996)145
 Jain, A., Smith, R.M. and Verma, K.K.
 Gas chromatographic determination of nitrite in water by pre-column formation of 2-phenylphenol with flame ionization detection 760(1997)319
 Jakobsson, E., see Kimata, K. 786(1997)237
 James, I.T. and Perrett, D.
 Automated on-line solid-phase extraction and high-performance liquid chromatographic analysis of total and free pyridinium crosslinks in serum 798(1998)159
 James, K.J., Bishop, A.G., Gillman, M., Kelly, S.S., Roden, C., Draisci, R., Lucentini, L., Giannetti, L. and Boria, P.
 Liquid chromatography with fluorimetric, mass spectrometric and tandem mass spectrometric detection for the investigation of the seafood-toxin-producing phytoplankton, *Dinophysis acuta* 777(1997)213
 James, K.J., see Draisci, R. 798(1998)137

- James, K.J., Furey, A., Sherlock, I.R., Stack, M.A., Twohig, M., Caudwell, F.B. and Skulberg, O.M.
Sensitive determination of anatoxin-a, homoanatoxin-a and their degradation products by liquid chromatography with fluorimetric detection 798(1998)147
- Janák, K., see Becker, G. 775(1997)295
- Jandera, P.
Optimisation of gradient elution in normal-phase high-performance liquid chromatography 797(1998)11
- Jandera, P., see Fischer, J. 772(1997)385
- Jandera, P. and Komers, D.
Fitting competitive adsorption isotherms to the experimental distribution data in reversed-phase systems 762(1997)3
- Jandera, P., Komers, D. and Guiochon, G.
Effects of the gradient profile on the production rate in reversed-phase gradient elution overloaded chromatography 760(1997)25
- Jandera, P., Komers, D. and Guiochon, G.
Effects of the composition of the mobile phase on the production rate in reversed-phase overloaded chromatography 787(1997)13
- Jandera, P., Komers, D. and Guiochon, G.
Optimization of the recovery yield and of the production rate in overloaded gradient-elution reversed-phase chromatography 796(1998)115
- Jandera, P. and Kučerová, M.
Prediction of retention in gradient-elution normal-phase high-performance liquid chromatography with binary solvent gradients 759(1997)13
- Jandera, P., Kučerová, M. and Holíková, J.
Description and prediction of retention in normal-phase high-performance liquid chromatography with binary and ternary mobile phases 762(1997)15
- Jandera, P., Petránek, L. and Kučerová, M.
Characterisation and prediction of retention in isocratic and gradient-elution normal-phase high-performance liquid chromatography on polar bonded stationary phases with binary and ternary solvent systems 791(1997)1
- Jane Burri, B., Ray Neidlinger, T., Lo, A.O., Kwan, C. and Wong, M.R.
Supercritical fluid extraction and reversed-phase liquid chromatography methods for vitamin A and β-carotene. Heterogeneous distribution of vitamin A in the liver 762(1997)201
- Jang, M.D., see Park, J.H. 796(1998)249
- Janini, G.M., Issaq, H.J. and Muschik, G.M.
Electrokinetic chromatography without electroosmotic flow 792(1997)125
- Jankowiak, R., see Zamzow, D. 781(1997)73
- Jankowska, H., see Grajek, H. 782(1997)87
- Jano, I., see Hardcastle, J.E. 763(1997)199
- Jano, I., Hardcastle, J.E., Zhao, K. and Vermillion-Salsbury, R.
General equation for calculating the dissociation constants of polyprotic acids and bases from measured retention factors in high-performance liquid chromatography 762(1997)63
- Janoš, P.
Retention models in ion chromatography: the role of side equilibria in ion-exchange chromatography of inorganic cations and anions 789(1997)3
- Janoš, P., see Havel, J. 786(1997)321
- Janoszka, B., see Bodzek, D. 774(1997)177
- Janoszka, B., see Typrpień, K. 774(1997)111
- Janssen, H.-G., see Lou, X. 785(1997)57
- Janssen, H.-G., see Pham Tuan, H. 791(1997)177
- Janssen, H.-G., see Pham Tuan, H. 791(1997)187
- Janssen, H.-G., see Snijders, H. 756(1996)175
- Janssen, H.-G., see van Lieshout, M.P.M. 764(1997)73
- Janssen, H.J.T., see van der Schans, M.J. 772(1997)255
- Jansson, P.-E., see Lindqvist, L. 767(1997)325
- Jansson, P.-E., see Lindqvist, L. 769(1997)253
- Jardine, I., see Tiller, P.R. 771(1997)119
- Jardine, I., see Tiller, P.R. 794(1998)15
- Jaroniec, C.P., Gilpin, R.K. and Jaroniec, M.
Comparative studies of chromatographic properties of silica-based amide-bonded phases under hydro-organic conditions 797(1998)103
- Jaroniec, C.P., Jaroniec, M. and Kruk, M.
Comparative studies of structural and surface properties of porous inorganic oxides used in liquid chromatography 797(1998)93
- Jaroniec, M., see Czajkowska, T. 762(1997)147
- Jaroniec, M., see Jaroniec, C.P. 797(1998)93
- Jaroniec, M., see Jaroniec, C.P. 797(1998)103
- Jarvis, G.N. and Thiele, J.H.
High-performance liquid chromatographic analysis of free long chain fatty acids produced during lipolysis by anaerobic digestor sludge 760(1997)271
- Jáuregui, O., Moyano, E. and Galceran, M.T.
Liquid chromatography-atmospheric pressure ionization mass spectrometry for the determination of chloro- and nitrophenolic compounds in tap water and sea water 787(1997)79
- Jaussaud, P., see Berny, P. 769(1997)343
- Jeanty, G., see Lacorte, S. 777(1997)99
- Jefferies, T.M., see Branch, S.K. 758(1997)277
- Jekel, M., see Fiehn, O. 769(1997)189
- Jelen, H., see Nawrocki, J. 790(1997)242
- Jelínková, D., see Mikšík, I. 772(1997)213
- Jen, J.-F., Lee, H.-L. and Lee, B.-N.
Simultaneous determination of seven sulfonamide residues in swine wastewater by high-performance liquid chromatography 793(1998)378
- Jen, J.-F., Leu, M.-F. and Yang, T.C.
Determination of hydroxyl radicals in an advanced oxidation process with salicylic acid trapping and liquid chromatography 796(1998)283
- Jen, J.-F., Yang, Y.-J. and Cheng, C.-H.
Simultaneous speciation of aqueous selenium(IV) and selenium(VI) by high-performance liquid chromatography with ultraviolet detection 791(1997)357
- Jenkins, J.J., see Moate, T.F. 775(1997)307
- Jenkins, R.A., see Dindal, A.B. 793(1998)397
- Jensen, E., see Crozier, A. 761(1997)315
- Jensen, P.K., see Fan, Z.H. 769(1997)315
- Jepson, I., see Quayle, W.C. 773(1997)271

- Jezorek, J.R. and Wagner, K.A.
Simultaneous separation of metal ions and neutral organics by reversed-phase ion-pair liquid chromatography 776(1997)221
- Jian Yao, Z., see Chong Loh, K. 760(1997)165
- Jiang, G.B. and Adams, F.C.
Direct determination of trimethylgermanium in water by on-column capillary gas chromatography with flame photometric detection using quartz surface-induced germanium emission 759(1997)119
- Jiang, S.X., see Liu, X. 789(1997)569
- Jiao, K. and Lafleur, A.L.
Improved detection of polycyclic aromatic compounds in complex mixtures by liquid chromatographic fractionation on poly(divinylbenzene) prior to gas chromatography-mass spectrometry. Application to the analysis of diesel particulates 791(1997)203
- Jiménez, B., Patterson, D.G., Grainger, J., Liu, Z., González, M.J. and Marina, M.L.
Enhancement of the separation selectivity of a group of polycyclic aromatic hydrocarbons using mixed cyclodextrin-modified micellar electrokinetic chromatography 792(1997)411
- Jiménez, B., see Rozemeijer, M.J.C. 755(1996)57
- Jimenez, I., see Garrido, J. 765(1997)91
- Jiménez, J.J., see Bernal, J.L. 754(1996)145
- Jiménez, J.J., see Bernal, J.L. 754(1996)245
- Jiménez, J.J., see Bernal, J.L. 754(1996)257
- Jiménez, J.J., see Bernal, J.L. 754(1996)507
- Jiménez, J.J., see Bernal, J.L. 765(1997)109
- Jiménez, J.J., see Bernal, J.L. 778(1997)111
- Jiménez, J.J., see Bernal, J.L. 778(1997)119
- Jiménez, J.J., see Bernal, J.L. 787(1997)129
- Jiménez, J.J., Bernal, J.L., del Nozal, M.J. and Rivera, J.M.
Determination of pesticide residues in waters from small loughs by solid-phase extraction and combined use of gas chromatography with electron-capture and nitrogen-phosphorus detection and high-performance liquid chromatography with diode array detection 778(1997)289
- Jiménez, M., see Mateo, J.J. 778(1997)219
- Jiménez, M. and Mateo, R.
Determination of mycotoxins produced by *Fusarium* isolates from banana fruits by capillary gas chromatography and high-performance liquid chromatography 778(1997)363
- Jiménez, O. and Marina, M.L.
Retention modeling in micellar liquid chromatography 780(1997)149
- Jiminez, A., see Gasco-Lopez, A.I. 775(1997)179
- Jiménez-Barbero, J., see Benito, I. 778(1997)77
- Jiménez-Carmona, M.M., Manclús, J.J., Montoya, A. and Luque de Castro, M.D.
Sub- and supercritical fluid extraction of trichloropyridinol from soil prior to immunoassay 785(1997)329
- Jin, J.S., see Hyun, M.H. 752(1996)77
- Jin, Q., Yang, W., Yu, A., Tian, X. and Wang, F.
Helium direct current discharge ionization detector for gas chromatography 761(1997)169
- Jin, W. and Chen, H.
Theory concerning the current for an end-column amperometric detector with a disk working electrode in capillary zone electrophoresis 765(1997)307
- Jin, W. and Wang, Y.
Determination of cysteine by capillary zone electrophoresis with end-column amperometric detection at a gold/mercury amalgam microelectrode without deoxygenation 769(1997)307
- Jing, P., Fu, R., Zhou, W., Dai, R., Huang, Z. and Chen, Y.
Unusual behaviour of a new kind of side chain crown ether polysiloxanes used in capillary gas chromatography 752(1996)189
- Jinno, K., Muramatsu, T., Saito, Y., Kiso, Y., Magdic, S. and Pawliszyn, J.
Analysis of pesticides in environmental water samples by solid-phase micro-extraction-high-performance liquid chromatography 754(1996)137
- Jinno, K., see Uehara, N. 789(1997)395
- Jira, T., see Bunke, A. 798(1998)275
- Jira, T., Bunke, A. and Karbaum, A.
Use of chiral and achiral ion-pairing reagents in combination with cyclodextrins in capillary electrophoresis 798(1998)281
- Jira, T., Bunke, A., Schmid, M.G. and Gübitz, G.
Chiral resolution of diols by capillary electrophoresis using borate-cyclodextrin complexation 761(1997)269
- Jiráček, J., see Kašička, V. 796(1998)211
- Jiskra, J., see Pacáková, V. 754(1996)17
- Jiskra, J., Pacáková, V., Tichá, M., Štulík, K. and Barth, T.
Use of capillary electrophoresis and high-performance liquid chromatography for monitoring of glycosylation of the peptides dalargin and desmopressin 761(1997)285
- Jo, J.-S., see Choi, O.-K. 781(1997)435
- Jobansson, F., see Svensson, M. 761(1997)91
- Joachimiak, A., Quaite-Randall, E., Tollaksen, S., Mai, X., Adams, M.W.W., Josephs, R. and Giometti, C.
Purification of chaperonins from thermophilic bacteria and archaea 773(1997)131
- Johansson, G., see Berg, H. 785(1997)345
- Johansson, P., see Gottfries, J. 763(1997)115
- Johnson, B., see Chen, L. 752(1996)101
- Johnson, B.R., Bartle, K.D., Herod, A.A. and Kandiyoti, R.
N-Methyl-2-pyrrolidinone as a mobile phase in the size-exclusion chromatography of coal derivatives 758(1997)65
- Johnson, B.S., see McLaughlin, R.A. 790(1997)161
- Johnson, C., Greenberg, A. and Sander, L.C.
Separation of benzo[a]pyrene sulfate isomers by reversed-phase liquid chromatography 753(1996)201
- Johnson, P.D., see Rimmer, D.A. 755(1996)245
- Johnson, P.D., Rimmer, D.A. and Brown, R.H.
Adaptation and application of a multi-residue method for the determination of a range of pesticides, including phenoxy acid herbicides in vegetation, based on high-resolution gel permeation chromatographic clean-up and gas chromatographic analysis with mass-selective detection 765(1997)3
- Johnson, S. and Morgan, E.D.
Comparison of chromatographic systems for triterpenoids from Neem (*Azadirachta indica*) seeds 761(1997)53

- Jones, A.D., see Larger, P.J. 799(1998)309
 Jones, H.R., see Batas, B. 766(1997)109
 Jones, P. and Hardy, S.
 Development of a capillary electrophoretic method for the separation and determination of trace inorganic and organomercury species utilizing the formation of highly absorbing water soluble dithizone sulphonate complexes 765(1997)345
 Jones, P., see Hardy, S. 791(1997)333
 Jones, P., see Nesterenko, P.N. 770(1997)129
 Jones, P. and Nesterenko, P.N.
 High-performance chelation ion chromatography. A new dimension in the separation and determination of trace metals 789(1997)413
 Jones, P., see Sutton, R.M.C. 789(1997)389
 Jönsson, J.Å., see Dzygiel, P. 793(1998)414
 Jönsson, J.Å., see Knutsson, M. 754(1996)197
 Jordan, S.L., see Smith, S.H. 764(1997)295
 Jordan, S.L., Taylor, L.T., McPherson, B. and Rasmussen, H.T.
 Identification of an anti-bacterial agent in toothpaste via liquid chromatography–Fourier transform infrared spectrometry mobile phase elimination 755(1996)211
 Josefsson, B., see Björklund, J. 798(1998)1
 Josefsson, B., see Thorsén, G. 786(1997)347
 Josephs, R., see Joachimiak, A. 773(1997)131
 Josephs, R.D., Krksa, R., Grasserbauer, M. and Broekaert, J.A.C.
 Determination of trichothecene mycotoxins in wheat by use of supercritical fluid extraction and high-performance liquid chromatography with diode array detection or gas chromatography with electron capture detection 795(1998)297
 Josić, D., Horn, H., Schulz, P., Schwinn, H. and Britsch, L.
 Size-exclusion chromatography of plasma proteins with high molecular masses 796(1998)289
 Josić, D., see Štrancar, A. 760(1997)117
 Joyner, T.K.B., see Bianchi, A.P. 771(1997)233
 Ju, D.-D., Lai, C.-C. and Her, G.-R.
 Analysis of gangliosides by capillary zone electrophoresis and capillary zone electrophoresis–electrospray mass spectrometry 779(1997)195
 Juhler, R.K.
 Optimized method for the determination of organophosphorus pesticides in meat and fatty matrices 786(1997)145
 Julien, E., see Fabre, H. 772(1997)265
 Julkunen-Tiitto, R., see Keinänen, M. 793(1998)370
 Jumppanen, J.H., see Wiedmer, S.K. 781(1997)239
 Jung, M. and Francotte, E.
 Comparison of γ -cyclodextrin sulfobutyl ether and unmodified γ -cyclodextrin as chiral selectors in capillary electrophoresis 755(1996)81
 Jung, M., see Francotte, E. 792(1997)379
 Jungbauer, A., see Hahn, R. 795(1998)277
 Jungbauer, A., see Kaltenbrunner, O. 760(1997)41
 Jungbauer, A., see Kaltenbrunner, O. 769(1997)37
 Jüngst, D., see He, C. 776(1997)109
 Juranville, J.-F., see Weiss, M. 795(1998)263
 Jürgens, M., see Schrader, M. 776(1997)139
 Jürgens, M., see Schulz-Knappe, P. 776(1997)125
 Justesen, U., Knuthsen, P. and Leth, T.
 Quantitative analysis of flavonols, flavones, and flavanones in fruits, vegetables and beverages by high-performance liquid chromatography with photo-diode array and mass spectrometric detection 799(1998)101
 Juza, M., Braun, E. and Schurig, V.
 Preparative enantiomer separation of the inhalation anesthetics enflurane, isoflurane and desflurane by gas chromatography on a derivatized γ -cyclodextrin stationary phase 769(1997)119
 Juza, M., see Schurig, V. 757(1997)119

K

Kabátek, Z., Gaš, B. and Vohlídal, J.

Gel permeation chromatography of polymers degrading randomly in the column. Theoretical treatment and practical aspects 786(1997)209

Kabziński, A.K.M.

Application of solid-phase extraction to the preconcentration of metallothionein and metals from physiological fluids¹ 766(1997)121

Kachole, M.S., see Giri, A.P. 752(1996)261

Kaczmarski, K. and Antos, D.

Modified Rouchon and Rouchon-like algorithms for solving different models of multicomponent preparative chromatography 756(1996)73

Kaczmarski, K. and Antos, D.

Erratum to “Modified Rouchon and Rouchon-like algorithms for solving different models of multicomponent preparative chromatography”. [J. Chromatogr. A, 756 (1996) 73–87] 777(1997)383

Kagel, J.R., Rossi, D.T. and Lathia, C.D.

Management of nonmatrix interfering peaks in a chiral high-performance liquid chromatographic assay produced by solid-phase extraction of rat plasma 763(1997)129

Kahle, V., see Horká, M. 791(1997)163

Kakalíková, L., see Matisová, E. 754(1996)445

Kakehi, K., see Hayase, S. 768(1997)295

Kakimi, H., see Sajiki, J. 795(1998)227

Kakinuma, S., see Suto, K. 786(1997)371

Kalantzopoulos, A., see Abatzoglou, Ch. 775(1997)211

Kalantzopoulos, A., see Zahariou-Rakanta, H. 776(1997)275

Kalász, H., see Lengyel, J. 762(1997)321

Kalcher, K., see Goessler, W. 789(1997)233

Kaliszan, R., see Abraham, M.H. 766(1997)35

Kaliszan, R., see Chilmonczyk, Z. 788(1997)81

Kaljurand, M., see Kuldvee, R. 789(1997)247

Kallio, H., see Manninen, P. 787(1997)276

- Kaltenbrunner, O. and Jungbauer, A.
Simple model for blending aqueous salt buffers.
Application to preparative chromatography 769(1997)37
- Kaltenbrunner, O., Jungbauer, A. and Yamamoto, S.
Prediction of the preparative chromatography performance
with a very small column 760(1997)41
- Kamada, M., see Tanaka, H. 762(1997)89
- Kamal-Eldin, A., Marquez-Ruiz, G., Dobarganes, C. and
Appelqvist, L.-Å.
Characterisation of aldehydic acids in used and unused
frying oils 776(1997)245
- Kamar, H., see Fagan, P.A. 770(1997)175
- Kamata, K., see Takahashi, M. 775(1997)137
- Kamenev, A.G., see Andreev, V.P. 772(1997)115
- Kamidate, T., see Tani, H. 780(1997)229
- Kamminga, D.A., see Steijger, O.M. 799(1998)57
- Kanasugi, N., see Haginaka, J. 769(1997)215
- Kanasugi, N., see Haginaka, J. 782(1997)281
- Kanazawa, H., Konishi, Y., Matsushima, Y. and Takahashi, T.
Determination of sedatives and anaesthetics in plasma by
liquid chromatography-mass spectrometry with a desalting
system 797(1998)227
- Kanazawa, H., Nagatsuka, T., Miyazaki, M. and Matsushima, Y.
Determination of peptides by high-performance liquid
chromatography with laser-induced fluorescence detection
763(1997)23
- Kanda, T., see Ohkubo, A. 779(1997)113
- Kandiyoti, R., see Johnson, B.R. 758(1997)65
- Kaneko, E., see Sato, M. 789(1997)361
- Kanerva, L.T., see Török, G. 797(1998)177
- Kang, J., Cao, C. and Li, Z.
Quantitative structure-retention relationship studies for
predicting the gas chromatography retention indices of
polycyclic aromatic hydrocarbons. Quasi-length of carbon
chain and pseudo-conjugated system surface 799(1998)361
- Kang, J., see Gao, J. 789(1997)195
- Kang, J. and Ou, Q.
Chiral separation of racemic mexiletine hydrochloride using
cyclodextrins as chiral additive by capillary electrophoresis
795(1998)394
- Kang, J., see Song, L. 780(1997)297
- Kangas, M., see Hartonen, K. 785(1997)219
- Kanhene, S.R., see Scott, P.M. 765(1997)255
- Kaniansky, D., Krčmová, E., Madajová, V., Masár, M., Marák,
J. and Onuska, F.I.
Determination of nitrophenols by capillary zone
electrophoresis in a hydrodynamically closed separation
compartment 772(1997)327
- Kaniansky, D., Marák, J., Masár, M., Iványi, F., Madajová, V.,
Šimuničová, E. and Zelenská, V.
Capillary zone electrophoresis in a hydrodynamically
closed separation system with enhanced sample loadability
772(1997)103
- Kaniansky, D., Masár, M. and Bielčíková, J.
Electroosmotic flow suppressing additives for capillary
zone electrophoresis in a hydrodynamically closed
separation system 792(1997)483
- Kaniowska, E., Chwatko, G., Głowacki, R., Kubalczyk, P. and
Bald, E.
Urinary excretion measurement of cysteine and
homocysteine in the form of their S-pyridinium derivatives
by high-performance liquid chromatography with ultraviolet
detection 798(1998)27
- Kano, K., see Esaka, Y. 792(1997)445
- Kano, K., see Torimura, M. 790(1997)1
- Kao Liu, L., see Chuang, W.-C. 755(1996)19
- Kara, S., see Bozan, B. 782(1997)133
- Karamanos, N.K., Vanký, P., Tzanakakis, G.N., Tsegendis, T.
and Hjerpe, A.
Ion-pair high-performance liquid chromatography for
determining disaccharide composition in heparin and
heparan sulphate 765(1997)169
- Karau, A., see Thömmes, J. 752(1996)111
- Karbaum, A., see Jira, T. 798(1998)281
- Karger, B.L., see Piggee, C.A. 781(1997)367
- Karger, B.L., see Rashkovetsky, L.G. 781(1997)197
- Karim dos Santos, M., see Pirisi, F.M. 768(1997)207
- Karlberg, B., see Olsson, J.C. 755(1996)289
- Karlberg, B., see Olsson, J.C. 765(1997)329
- Karlsson, A., Berglin, M. and Charron, C.
Robustness of the chromatographic separation of alprenolol
and related substances using a silica-based stationary phase
and selective retention of metoprolol and related substances
on a porous graphitic carbon stationary phase 797(1998)75
- Karlsson, A., see Gottfries, J. 763(1997)115
- Karlsson, A., see Nyström, A. 763(1997)105
- Karlsson, H., see Oehme, M. 775(1997)275
- Karlsson, K.-E.
Cationization in electrospray microcolumn liquid
chromatography-mass spectrometry 794(1998)359
- Karst, U., see Pötter, W. 786(1997)47
- Kasashima, E., see Chankvetadze, B. 787(1997)67
- Kasche, V., see Gottschlich, N. 765(1997)201
- Kašička, V., Prusík, Z., Sázlová, P., Barth, T., Brynda, E. and
Machová, L.
Capillary zone electrophoresis with external radial electric
field control of electroosmotic flow and its application to
the separation of synthetic oligopeptides 772(1997)221
- Kašička, V., Prusík, Z., Sázlová, P., Jiráček, J. and Barth, T.
Theory of the correlation between capillary and free-flow
zone electrophoresis and its use for the conversion of
analytical capillary separations to continuous free-flow
preparative processes. Application to analysis and
preparation of fragments of insulin 796(1998)211
- Kasper, C., Meringova, L., Freitag, R. and Tennikova, T.
Fast isolation of protein receptors from streptococci G by
means of macroporous affinity discs 798(1998)65
- Kassel, D.B., see Zeng, L. 794(1998)3
- Kaštelan-Macan, M., see Petrović, M. 771(1997)251
- Kastner, P., Kuchař, M., Klimeš, J. and Dosedlová, D.
Relationship between structure and reversed-phase thin-
layer chromatographic lipophilicity parameters in a group
of piperazine derivatives 766(1997)165
- Kasuga, T., see Cheng, J. 771(1997)389
- Katalinić, V.
High-performance liquid chromatographic determination of
flavan fingerprints in plant extracts 775(1997)359

- Kataoka, H.
Methods for the determination of mutagenic heterocyclic amines and their applications in environmental analysis 774(1997)121
- Kataoka, H. and Kijima, K.
Analysis of heterocyclic amines as their N-dimethylaminomethylene derivatives by gas chromatography with nitrogen–phosphorus selective detection 767(1997)187
- Kataoka, H., Matsumura, S., Koizumi, H. and Makita, M.
Rapid and simultaneous analysis of protein and non-protein amino acids as N(O,S)-isobutoxycarbonyl methyl ester derivatives by capillary gas chromatography 758(1997)167
- Kátay, G., Mincsovics, E., Szókán, G. and Tyihák, E.
Comparison of thin-layer chromatography and overpressured layer chromatographic techniques for the separation of ascorbigen and 1'-methylascorbigen 764(1997)103
- Katayama, H., Ishihama, Y. and Asakawa, N.
Migration order reversal of enantiomers in capillary electrophoretic separation 764(1997)151
- Katmeh, M.F., see Rashid, B.A. 797(1998)245
- Kato, Y., see Sakairi, M. 794(1998)391
- Kats, M., Richberg, P.C. and Hughes, D.E.
Conformational transformations of the fusion protein BR96 sFv-PE40 as monitored by micellar electrokinetic capillary chromatography and circular dichroism 766(1997)205
- Katsanou, N.A., see Abatzoglou, Ch. 775(1997)211
- Katsanou, N.A., Thede, R. and Roubani-Kalantzopoulou, F.
Diffusion, adsorption and catalytic studies by gas chromatography 795(1998)133
- Katsura, N., see Moriyama, H. 798(1998)125
- Katsuragi, K., Kitagishi, K., Mizuguchi, T., Nagashima, T., Kinoshita, M. and Kumada, H.
Method for detection of epsilon-secondary structure in the precore region of human hepatitis B virus DNA using a fluorescence-based polymerase chain reaction–single-strand conformation polymorphism technique with capillary electrophoresis 781(1997)307
- Katsuta, S. and Saitoh, K.
Control of separation selectivity in micellar electrokinetic chromatography by modification of the micellar phase with solubilized organic compounds 780(1997)165
- Katz, S.A., see Prokisch, J. 774(1997)363
- Kaukonen, A.M., Vuorela, P., Vuorela, H. and Mannermaa, J.-P.
High-performance liquid chromatography methods for the separation and quantitation of spironolactone and its degradation products in aqueous formulations and of its metabolites in rat serum 797(1998)271
- Kaupp, S. and Wätzig, H.
Characterization of inner surface phenomena in capillary electrophoresis capillaries by electron microscopy, atomic force microscopy and secondary ion mass spectroscopy 781(1997)55
- Kauschus, W., see Buchwald, A. 777(1997)283
- Kautz, C.B., Dahlmann, U.H. and Schneider, G.M.
Capacity ratios in supercritical fluid chromatography. Effect of mobile and stationary phases on hexasubstituted benzenes 776(1997)305
- Kavrakovski, Z., see Petrushevska-Tozi, L. 757(1997)324
- Kawagoshi, Y., see Yasuhara, A. 774(1997)321
- Kawasaki, S., see Itoh, H. 754(1996)61
- Kawata, K., see Tanabe, A. 754(1996)159
- Kawazumi, H., see Song, J.M. 765(1997)315
- Kay, J., see Hows, M.E.P. 768(1997)97
- Keever, J., Voyksner, R.D. and Tyczkowska, K.L.
Quantitative determination of ceftiofur in milk by liquid chromatography–electrospray mass spectrometry 794(1998)57
- Kehoe, T., see Londo, T. 798(1998)73
- Keil, P., see Popp, P. 774(1997)203
- Keinänen, M. and Julkunen-Tiiitto, R.
High-performance liquid chromatographic determination of flavonoids in *Betula pendula* and *Betula pubescens* leaves 793(1998)370
- Kele, M., Compton, R.N. and Guiochon, G.
Optimization of the high-performance liquid chromatographic separation of fullerenes using 1-methylnaphthalene as the mobile phase on a tetraphenylporphyrin-silica stationary phase 786(1997)31
- Kelly, J.A. and Lee, C.S.
On-line post-capillary affinity detection of immunoglobulin G subclasses and monoclonal antibody variants for capillary electrophoresis 790(1997)207
- Kelly, M.A., Altria, K.D. and Clark, B.J.
Approaches used in the reduction of buffer electrolysis effects for routine capillary electrophoresis procedures in pharmaceutical analysis 768(1997)73
- Kelly, M.A., Altria, K.D. and Clark, B.J.
Quantitative analysis of sodium dodecyl sulphate by capillary electrophoresis 781(1997)67
- Kelly, M.A., Altria, K.D., Grace, C. and Clark, B.J.
Optimisation, validation and application of a capillary electrophoresis method for the determination of ranitidine hydrochloride and related substances 798(1998)297
- Kelly, S.S., see Draisici, R. 798(1998)137
- Kelly, S.S., see James, K.J. 777(1997)213
- Kempný, M., see Hajšlová, J. 800(1998)283
- Kenmore, C.K., Erskine, S.R. and Bornhop, D.J.
Refractive-index detection by interferometric backscatter in packed-capillary high-performance liquid chromatography 762(1997)219
- Kenmotsu, K., see Yasuhara, A. 774(1997)321
- Kenndler, E., see Blatný, P. 757(1997)297
- Kenndler, E., see Fischer, Ch.-H. 773(1997)179
- Kenndler, E., see Potocek, B. 798(1998)269
- Kenndler, E., see Sarmini, K. 792(1997)3
- Kennedy, D.G., see McCracken, R.J. 771(1997)349
- Kennedy, S., see Dabek-Zlotorzynska, E. 770(1997)349
- Kesenci, K., see Denizli, A. 758(1997)217
- Keski-Hynnälä, H., Andersin, R., Luukkanen, L., Taskinen, J. and Kostiainen, R.
Analysis of catechol-type glucuronides in urine samples by liquid chromatography–electrospray ionization-tandem mass spectrometry 794(1998)75
- Keski-Hynnälä, H., see Hyötyläinen, T. 771(1997)360
- Kettenes-van den Bosch, J.J., see Hoitink, M.A. 776(1997)319
- Ketrup, A., see Fischer, K. 770(1997)229
- Ketrup, A., see Schmitt, Ph. 792(1997)419

- Keymeulen, R., De Bruyn, G. and Van Langenhove, H.
Headspace gas chromatographic determination of the plant cuticle–air partition coefficients for monocyclic aromatic hydrocarbons as environmental compartment 774(1997)213
- Keymeulen, R., Parewijk, B., Górná-Binkul, A. and Van Langenhove, H.
Determination of partition coefficients of monocyclic aromatic hydrocarbons between leaf essential oil and air by headspace gas chromatography 765(1997)247
- Khaledi, M.G.
Micelles as separation media in high-performance liquid chromatography and high-performance capillary electrophoresis: overview and perspective 780(1997)3
- Khuhawar, M.Y., Channar, A.H. and Lanjwani, S.N.
Indirect liquid chromatographic determination of malathion in formulations, based on the formation of palladium(II)–dimethyldithiophosphate complex 758(1997)159
- Khuhawar, M.Y., Memon, A.A. and Bhanger, M.I.
Capillary gas chromatographic determination of vanadium in crude petroleum oil using fluorinated ketoamines as derivatizing reagents 766(1997)159
- Kibbey, T.C.G., Yavaraski, T.P. and Hayes, K.F.
High-performance liquid chromatographic analysis of polydisperse ethoxylated non-ionic surfactants in aqueous samples 752(1996)155
- Kientz, C.E., Hulst, A.G. and R.J. Wils, E.
Determination of Staphylococcal Enterotoxin B by on-line (micro) liquid chromatography–electrospray mass spectrometry 757(1997)51
- Kiessig, S. and Vogt, C.
Separation of carnitine and acylcarnitines by capillary electrophoresis 781(1997)475
- Kijima, K., see Kataoka, H. 767(1997)187
- Kim, B., see Myung, S.-W. 791(1997)367
- Kim, B. and Velayudhan, A.
Preparative gradient elution chromatography of chemotactic peptides 796(1998)195
- Kim, B.E., see Park, J.H. 796(1998)249
- Kim, E., see Heo, Y.J. 781(1997)251
- Kim, H., see Pyo, D. 796(1998)347
- Kim, H.-S., see Prokai, L. 800(1998)59
- Kim, J., see Myung, S.-W. 791(1997)367
- Kim, J.-H. and Lee, J.-H.
Simultaneous determination of six cations in mineral water by single-column ion chromatography 782(1997)140
- Kim, J.H., see Liebich, H.M. 795(1998)388
- Kim, K., see Wunschel, D.S. 776(1997)205
- Kim, K.R., see Liebich, H.M. 795(1998)388
- Kim, M., see Kiyohara, S. 758(1997)209
- Kim, M., see Myung, S.-W. 791(1997)367
- Kim, S.Y., see Heo, Y.J. 781(1997)251
- Kim, W., see Myung, S.-W. 791(1997)367
- Kim, Y., see Myung, S.-W. 791(1997)367
- Kim, Y., see Myung, S.-W. 791(1997)367
- Kim, Y. and Yeung, E.S.
Separation of DNA sequencing fragments up to 1000 bases by using poly(ethylene oxide)-filled capillary electrophoresis 781(1997)315
- Kim, Y.S., see Suh, M.J. 781(1997)263
- Kimata, K., Hosoya, K., Kuroki, H., Tanaka, N., Barr, J.R., McClure, P.C., Patterson, Jr., D.G., Jakobsson, E. and Bergman, A.
Selectivity of electron-donor- and electron-acceptor-bonded silica packing materials for hydrophobic environmental contaminants in polar and non-polar eluents 786(1997)237
- Kimata, K., see Tanaka, N. 781(1997)139
- King, B.W., see Lord, G.A. 768(1997)9
- King, J., see Fan, Z.H. 769(1997)315
- Kinkel, J.N., see Schulte, M. 769(1997)93
- Kinkel, J.N., see Seebach, D. 796(1998)299
- Kinoshita, M., see Katsuragi, K. 781(1997)307
- Kinoshita, T., see Hanai, T. 762(1997)55
- Kipps, M., see Hynning, P.-. 774(1997)311
- Kirch, W., see Oertel, R. 797(1998)203
- Kirkland, J.J., Henderson, J.W., DeStefano, J.J., Van Straten, M.A. and Claessens, H.A.
Stability of silica-based, endcapped columns with pH 7 and 11 mobile phases for reversed-phase high-performance liquid chromatography 762(1997)97
- Kirkland, J.J., Van Straten, M.A. and Claessens, H.A.
Reversed-phase high-performance liquid chromatography of basic compounds at pH 11 with silica-based column packings 797(1998)111
- Kis, Z.L., see Küsters, E. 760(1997)278
- Kiseleva, E.V., see Poznyak, T.I. 777(1997)47
- Kiso, Y., see Jinno, K. 754(1996)137
- Kiss, G., Gelencsér, A., Krivácsy, Z. and Hlavay, J.
Occurrence and determination of organic pollutants in aerosol, precipitation, and sediment samples collected at Lake Balaton 774(1997)349
- Kiss, G., see Krivácsy, Z. 781(1997)223
- Kitagishi, K., see Katsuragi, K. 781(1997)307
- Kite, G.C., see Stevenson, P.C. 766(1997)267
- Kitrinos, N.P., see Morgan, D.G. 800(1998)39
- Kivi-Eteläalo, E., Kostiainen, O. and Kokko, M.
Analysis of volatile organic compounds in air using retention indices together with a simple thermal desorption and cold trap method 787(1997)205
- Kiyohara, S., Kim, M., Toida, Y., Saito, K., Sugita, K. and Sugo, T.
Selection of a precursor monomer for the introduction of affinity ligands onto a porous membrane by radiation-induced graft polymerization 758(1997)209
- Klaffenbach, P. and Kronenfeld, D.
Analysis of impurities of isopropyl myristate by gas–liquid chromatography 767(1997)330
- Klampfl, C.W., see Buchberger, W. 766(1997)197
- Klampfl, C.W., Buchberger, W., Rieder, G. and Bonn, G.K.
Retention behavior of carboxylic acids on highly cross-linked poly(styrene–divinylbenzene)-based and silica-based cation exchangers 770(1997)23
- Klebovich, I., see Tolokán, A. 771(1997)35
- Kleiböhmer, W., see Deuster, R. 785(1997)227
- Kleiböhmer, W., see Friedrich, C. 777(1997)289
- Kleiböhmer, W., see Krismann, U. 774(1997)193

- Kleidernigg, O.P. and Lindner, W.
Indirect separation of chiral proteinogenic α -amino acids using the fluorescence active (1*R*,2*R*)-N-[$(2^{\prime}$ -isothiocyanato)cyclohexyl]-6-methoxy-4-quinolinylamide) as chiral derivatizing agent. A comparison 795(1998)251
- Klein, E., see Vosmann, K. 773(1997)239
- Klepárník, K., Malá, Z. and Boček, P.
Electromigration behaviour of DNA molecules at the free electrolyte–polymer solution interface 772(1997)243
- Kleyle, R.M., see Frost, M.C. 788(1997)207
- Klimeš, J., see Kastner, P. 766(1997)165
- Klingenberg, A., see Seubert, A. 782(1997)149
- Klinkenberg, H., van der Wal, S., de Koster, C. and Bart, J.
On the use of inductively coupled plasma mass spectrometry as an element specific detector for liquid chromatography: optimization of an industrial tellurium removal process 794(1998)219
- Klobes, U., see Vetter, W. 769(1997)247
- Kloosterman, A.D., see van der Schans, M.J. 772(1997)255
- Klos, A.M., see Chen, S.X. 800(1998)207
- Klumperman, B., see Philipsen, H.J.A. 761(1997)147
- Klumperman, B., see Philipsen, H.J.A. 775(1997)157
- Klumperman, B., see Philipsen, H.J.A. 790(1997)101
- Knapp, C.M. and Breen, J.J.
Effects of tetraalkylammonium salts on the micellar electrokinetic chromatography of aniline and substituted anilines 799(1998)289
- Knize, M.G., Salmon, C.P., Hopmans, E.C. and Felton, J.S.
Analysis of foods for heterocyclic aromatic amine carcinogens by solid-phase extraction and high-performance liquid chromatography 763(1997)179
- Knöchel, A. and Potgter, H.
Interfacing supercritical fluid chromatography with atomic fluorescence spectrometry for the determination of organomercury compounds 786(1997)188
- Knudsen, C.B. and Beattie, J.H.
On-line solid-phase extraction–capillary electrophoresis for enhanced detection sensitivity and selectivity: application to the analysis of metallothionein isoforms in sheep fetal liver 792(1997)463
- Knuthsen, P., see Justesen, U. 799(1998)101
- Knutsson, M., Nilvé, G., Mathiasson, L. and Jönsson, J.Å.
Supported liquid membranes for sampling and sample preparation of pesticides in water 754(1996)197
- Ko, A.N., see Co, A.C. 770(1997)69
- Ko, J., see Wang, I.-H. 766(1997)277
- Ko, M., see Oh-Shin, Y.-S. 769(1997)285
- Kobayashi, H., Aoki, M., Suzuki, M., Yanagisawa, A. and Arai, E.
Evaluation of pH gradient formation of carrier ampholytes with synthesized isoelectric point markers in capillary isoelectric focusing 772(1997)137
- Koch, J.T., see Shelton, C.M. 792(1997)455
- Koch, K., Andersson, R. and Åman, P.
Quantitative analysis of amylopectin unit chains by means of high-performance anion-exchange chromatography with pulsed amperometric detection 800(1998)199
- Koch, K., see Fredriksson, H. 768(1997)325
- Kocourek, V., see Hajšlová, J. 800(1998)283
- Kocourek, V., Hajšlová, J., Holadová, K. and Poustka, J.
Stability of pesticides in plant extracts used as calibrants in the gas chromatographic analysis of residues 800(1998)297
- Kocs, E., see Tolokán, A. 771(1997)35
- Koepsel, R.R., see Patwardhan, A.V. 787(1997)91
- Koh, D., see Lee, B.L. 763(1997)221
- Koh, J.-H., see Guiochon, G. 762(1997)83
- Koh, J.-H. and Guiochon, G.
Effect of the column length on the characteristics of the packed bed and the column efficiency in a dynamic axial compression column 796(1998)41
- Koh, T., see Miura, Y. 770(1997)157
- Kohara, K., see Yokoyama, T. 755(1996)43
- Koharski, D., see Hendershot, S. 762(1997)159
- Kohata, K., see Horie, H. 758(1997)332
- Kohler, M., Haerdi, W., Christen, P. and Veuthey, J.-L.
Extraction of artemisinin and artemisinic acid from *Artemisia annua* L. using supercritical carbon dioxide 785(1997)353
- Koinecke, A., Kreuzig, R. and Bahadir, M.
Effects of modifiers, adsorbents and eluents in supercritical fluid extraction of selected pesticides in soil 786(1997)155
- Koishi, M., see Honda, F. 775(1997)13
- Koizumi, H., see Kataoka, H. 758(1997)167
- Koizumi, K., see Hanai, T. 762(1997)55
- Kojima, M. and Yoshikawa, Y.
Chromatographic separation and characterization of the photoproduct of tris(L-cysteinesulfonato-N,S)cobaltate(III) 789(1997)273
- Kok, S.J., Kristenson, E.M., Gooijer, C., Velthorst, N.H. and Brinkman, U.A.Th.
Wavelength-resolved laser-induced fluorescence detection in capillary electrophoresis: naphthalenesulphonates in river water 771(1997)331
- Kok, W.Th., see Durbanshi, A. 798(1998)289
- Kok, W.Th., see van Bruijnsvoort, M. 757(1997)203
- Kok, W.Th., see Xu, X. 786(1997)333
- Kokko, M., see Kivi-Eteläalto, E. 787(1997)205
- Kolb, S., Kutter, J.P. and Welsch, T.
New selectivity in electrokinetic chromatography using a polymeric dye as novel separation carrier 792(1997)151
- Kollroser, M., see Gorbunov, A. 798(1998)187
- Kollroser, M., see Trathnigg, B. 761(1997)21
- Kollroser, M., see Trathnigg, B. 768(1997)223
- Kollroser, M., see Trathnigg, B. 786(1997)75
- Kolpachnikova, M.G., see Elefterov, A.I. 769(1997)179
- Komárek, K., Pitthard, V., Kostrubaníková, E., Škvarenina, S. and Hoffmann, J.
Capillary gas chromatography–mass spectrometry of lower oxylenated aliphatic alcohols 773(1997)219
- Komárek, K., Richter, P. and Hoffmann, J.
Capillary gas chromatography of *n*-butyl and isobutyl-, *n*-amyl and isoamyl polyethylene glycol ethers and their derivatives 800(1998)305
- Komers, D., see Jandera, P. 760(1997)25
- Komers, D., see Jandera, P. 762(1997)3
- Komers, D., see Jandera, P. 787(1997)13
- Komers, D., see Jandera, P. 796(1998)115
- Kong, F., see Ning, J. 793(1998)193

- Konishi, Y., see Kanazawa, H. 797(1998)227
- Konjuh, K., see Pesek, J.J. 786(1997)219
- Konno, Y., see Kubota, N. 782(1997)159
- Kookana, R.S., see Baskaran, S. 787(1997)271
- Kopczyński, T., see Voelkel, A. 795(1998)349
- Koppenehofer, B., Epperlein, U., Schlunk, R., Zhu, X. and Lin, B.
Separation of enantiomers of drugs by capillary electrophoresis. V. Hydroxypropyl- α -cyclodextrin as chiral solvating agent 793(1998)153
- Korach, K.S., see Sadler, B.R. 799(1998)117
- Korfomacher, W.A., see Bryant, M.S. 777(1997)61
- Kosakowska, A., see Mazur, H. 766(1997)261
- Koscho, M.E., see Pirkle, W.H. 761(1997)65
- Koselj, P., see Štrancar, A. 760(1997)117
- Kostel, K.L., Freed, A.L. and Lunte, S.M.
Erratum to "Complete capillary electrophoretic separation of substance P and its metabolites at neutral pH using ionic run buffer additives". [J. Chromatogr. A, 744 (1996) 241–248]¹ 755(1996)311
- Kostiainen, O., see Kivi-Eteläalto, E. 787(1997)205
- Kostiainen, R., see Keski-Hynnälä, H. 794(1998)75
- Kostrubaníčová, E., see Komárek, K. 773(1997)219
- Kotalík, J., see Fischer, K. 770(1997)229
- Kotani, M., see Honda, S. 792(1997)385
- Kotyński, A., Kudzin, Z.H., Okruszek, A., Krajewska, D., Olesiak, M. and Sierzchata, A.
Iodine–azide reagent in detection of thiophosphoryl nucleotides in thin-layer chromatography systems 773(1997)285
- Kou, H.-S., see Chen, S.-H. 799(1998)93
- Kou, H.-S., see Wu, H.-L. 769(1997)201
- Koutek, B., Hoskovec, M., Vrkočová, P. and L. Feltl,
Gas chromatographic determination of vapour pressures of pheromone-like compounds. IV. Acetates, a reinvestigation 759(1997)93
- Kovačičová, J., see Veningerová, M. 774(1997)333
- Kovács, B., see Prokisch, J. 774(1997)363
- Kowalski, W.J.
Application of the solvation parameter model to the characterisation of gas chromatographic stationary phases containing tris[3-(trifluoromethylhydroxymethylene)-camphorato] derivatives of lanthanides 793(1998)390
- Kozekov, I., see Palamareva, M. 758(1997)135
- Kraak, J.C., see Busch, M.H.A. 775(1997)313
- Kraak, J.C., see Busch, M.H.A. 777(1997)311
- Kraak, J.C., see Busch, M.H.A. 777(1997)329
- Kraak, J.C., see van den Bosch, S.E. 755(1996)165
- Kraak, J.C., see Venema, E. 765(1997)135
- Krack, G., see Braumann, U. 761(1997)336
- Krajewska, D., see Kotyński, A. 773(1997)285
- Krappe, M., see Wenclawiak, B. 799(1998)265
- Krappe, M., see Wenclawiak, B.W. 785(1997)263
- Krčmová, E., see Kaniansky, D. 772(1997)327
- Kreis, W., see Castro Braga, F. 756(1996)287
- Kreisselmeier, A. and Dürbeck, H.W.
Determination of alkylphenols, alkylphenolethoxylates and linear alkylbenzenesulfonates in sediments by accelerated solvent extraction and supercritical fluid extraction 775(1997)187
- Kreuzig, R., see Koinecke, A. 786(1997)155
- Krismann, U. and Kleiböhmer, W.
Separation of hydroxylated polycyclic aromatic hydrocarbons by micellar electrokinetic capillary chromatography 774(1997)193
- Kristenson, E.M., see Kok, S.J. 771(1997)331
- Krivácsy, Z., see Kiss, G. 774(1997)349
- Krivácsy, Z., Molnár, Á., Tarjányi, E., Gelencsér, A., Kiss, G. and Hlavay, J.
Investigation of inorganic ions and organic acids in atmospheric aerosol by capillary electrophoresis 781(1997)223
- Křivánková, L., Vraná, A., Gebauer, P. and Boček, P.
On-line isotachophoresis–capillary zone electrophoresis versus sample self stacking capillary zone electrophoresis. Analysis of hippurate in serum 772(1997)283
- Kriwacki, R.W., Wu, J., Tennant, L., Wright, P.E. and Siuzdak, G.
Probing protein structure using biochemical and biophysical methods. Proteolysis, matrix-assisted laser desorption/ionization mass spectrometry, high-performance liquid chromatography and size-exclusion chromatography of p21^{Waf1/Cip1/Sdi1} 777(1997)23
- Krogh, K.S., see Morley, J. 766(1997)77
- Krokhin, O.V., Hoshino, H., Shpigun, O.A. and Yotsuyanagi, T.
Influence of cationic polymers on separation selectivity in kinetic differentiation mode capillary electrophoresis of metal-4-(2-pyridylazo)resorcinolato chelates 772(1997)339
- Krokhin, O.V., Hoshino, H., Shpigun, O.A. and Yotsuyanagi, T.
Use of cationic polymers for the simultaneous determination of inorganic anions and metal-4-(2-pyridylazo)resorcinolato chelates in kinetic differentiation-mode capillary electrophoresis 776(1997)329
- Kronberg, L., see Nawrocki, J. 790(1997)242
- Kronenfeld, D., see Klaffenbach, P. 767(1997)330
- Krska, R., see Josephs, R.D. 795(1998)297
- Kruk, M., see Jaroniec, C.P. 797(1998)93
- Krull, I.S., see Qian, R.L. 787(1997)101
- Krupčík, J., Greňa, M., Špánik, I., Benická, E., Hrouzek, J., Skačání, I. and Sandra, P.
Computerized optimization of selectivity for direct capillary gas chromatographic multicomponent separations of enantiomers 779(1997)253
- Krupša, A., see Harvey, S.D. 775(1997)117
- Krutchinsky, A.N., see McComb, M.E. 800(1998)1
- Ksycińska, H., see Chilmontczyk, Z. 788(1997)81
- Kubalczyk, P., see Kaniowska, E. 798(1998)27
- Kuban, P., Buchberger, W. and Haddad, P.R.
Determination of metallo-cyanides by capillary electrophoresis after concentration on supported liquid membranes 770(1997)329
- Kubáťová, A., Matucha, M. and Ševčík, J.G.K.
Application of correlation analysis for identification of polychlorinated biphenyls 752(1996)197
- Kubeczka, K.-H., see Blum, C. 773(1997)377
- Kubilius, D.T. and Bushway, R.J.
Determination of hexazinone and its metabolites in groundwater by capillary electrophoresis 793(1998)349
- Kubo, H., see Nishikawa, T. 767(1997)93
- Kubo, H., see Nishikawa, T. 782(1997)296

- Kubota, N., Konno, Y., Saito, K., Sugita, K., Watanabe, K. and Sugo, T.
Module performance of anion-exchange porous hollow-fiber membranes for high-speed protein recovery 782(1997)159
- Kučerová, M., see Jandera, P. 759(1997)13
- Kučerová, M., see Jandera, P. 762(1997)15
- Kučerová, M., see Jandera, P. 791(1997)1
- Kuchař, M., see Kastner, P. 766(1997)165
- Kudzin, Z.H., see Kotyński, A. 773(1997)285
- Kuehnelt, D., see Goessler, W. 789(1997)233
- Kugabalasooriar, S., see Xu, L. 764(1997)95
- Kuhn, R., see Eberle, D. 759(1997)185
- Kula, M.-R., see Thömmes, J. 752(1996)111
- Kuldvee, R., Kaljurand, M. and Smit, H.C.
Correlation and digital signal processing techniques for the reduction of detection limits of bromate and bromide in model water samples by ion chromatography with direct ultraviolet detection 789(1997)247
- Kulomaa, A., Sirén, H. and Riekkola, M.-L.
Identification of antioxidative compounds in plant beverages by capillary electrophoresis with the marker index technique 781(1997)523
- Kulshrestha, G., see Singh, S.B. 774(1997)97
- Kumada, H., see Katsuragi, K. 781(1997)307
- Kumagai, H., see Yamanaka, M. 789(1997)259
- Kümmerer, K., Eitel, A., Braun, U., Hubner, P., Daschner, F., Mascart, G., Milandri, M., Reinthaler, F. and Verhoef, J.
Analysis of benzalkonium chloride in the effluent from European hospitals by solid-phase extraction and high-performance liquid chromatography with post-column ion-pairing and fluorescence detection 774(1997)281
- Kunkel, A., Degenhardt, M., Schirm, B. and Wätzig, H.
Performance of instruments and aspects of methodology and validation in quantitative capillary electrophoresis. An update 768(1997)17
- Kunkel, A., Günter, S., Dette, C. and Wätzig, H.
Quantitation of insulin by capillary electrophoresis and high-performance liquid chromatography. Method comparison and validation 781(1997)445
- Kunkel, A., Günter, S. and Wätzig, H.
Quantitation of acetaminophen and salicylic acid in plasma using capillary electrophoresis without sample pretreatment. Improvement of precision 768(1997)125
- Kuo, K.-L., see Hsieh, Y.-Z. 761(1997)277
- Kuo, K.-L., see Hsieh, Y.-Z. 761(1997)307
- Kuo, K.-L. and Hsieh, Y.-Z.
Determination of preservatives in food products by cyclodextrin-modified capillary electrophoresis with multiwavelength detection 768(1997)334
- Kuo, K.-L., see Huang, H.-Ya 771(1997)267
- Kurenbin, O.I., see Dubinina, N.I. 753(1996)217
- Kurganov, A. and Unger, K.
Chromatographic peak profile of ionogenic analytes upon elution with unbuffered eluents 797(1998)57
- Kurganov, A., Unger, K. and Issaeva, T.
Packings of an unidimensional regular pore structure as model packings in size-exclusion and inverse size-exclusion chromatography 753(1996)177
- Kurganova, E.V., see Ivanov, A.E. 776(1997)75
- Kuroda, N., Nomura, R., Al-Dirbashi, O., Akiyama, S. and Nakashima, K.
Determination of methamphetamine and related compounds by capillary electrophoresis with UV and laser-induced fluorescence detection 798(1998)325
- Kuroki, H., see Kimata, K. 786(1997)237
- Kurosu, Y., Iwata, T., Tsuji, A. and Maeda, M.
Indirect time-resolved fluorescence detection of both non-fluorescent and fluorescent compounds separated by high-performance liquid chromatography 787(1997)261
- Kurosu, Y., Murayama, K., Shindo, N., Shisa, Y. and Ishioka, N.
Optical resolution of phenylthiohydantoin-amino acids by capillary electrophoresis and identification of the phenylthiohydantoin-D-amino acid residue of [D-Ala²]-methionine enkephalin 752(1996)279
- Kurosu, Y., Murayama, K., Shindo, N., Shisa, Y., Satou, Y. and Ishioka, N.
Optical resolution of phenylthiohydantoin-amino acids by capillary electrophoresis for protein sequencing 771(1997)311
- Kurtin, W.E., see Nittler, M.P. 779(1997)205
- Küsters, E. and Kis, Z.L.
Enantiomeric separation of chiral theophylline derivatives by liquid chromatography on cellulose-based sorbents 760(1997)278
- Küsters, E., see Pröll, T. 800(1998)135
- Küsters, E., see Seebach, D. 796(1998)299
- Kusu, F., see Fuse, T. 764(1997)177
- Kutter, J.P., see Kolb, S. 792(1997)151
- Kuypers, A.W.H.M., see van der Schans, M.J. 772(1997)255
- Kvasnička, F., see Blatný, P. 757(1997)297
- Kvasničková, E., see Wsól, V. 797(1998)197
- Kwan, C., see Jane Burri, B. 762(1997)201
- Kwasowski, P., see Rashid, B.A. 797(1998)245
- Kwiatkowska, M., see Biesaga, M. 777(1997)375
- Kwietniewski, L., see Nasuto, R. 762(1997)27

L

- Laborda, F., see García, M.C. 758(1997)75
- Laborra, C., see Escobal, A. 778(1997)225
- Lachatre, G., see Debusschère, L. 779(1997)227
- Lacorte, S., Jeanty, G., Marty, J.-L. and Barceló, D.
Identification of fenthion and temephos and their transformation products in water by high-performance liquid chromatography with diode array detection and atmospheric pressure chemical ionization mass spectrometric detection 777(1997)99

- Lacorte, S., Molina, C. and Barceló, D.
Temperature and extraction voltage effect on fragmentation of organophosphorus pesticides in liquid chromatography-atmospheric pressure chemical ionization mass spectrometry 795(1998)13
- Lacorte, S., Vreuls, J.J., Salau, J.S., Ventura, F. and Barceló, D.
Monitoring of pesticides in river water using fully automated on-line solid-phase extraction and liquid chromatography with diode array detection with a novel filtration device 795(1998)71
- Lacroix, G., see Page, B.D. 757(1997)173
- Lafleur, A.L., see Jiao, K. 791(1997)203
- Lafont, R., see Wilson, I.D. 799(1998)333
- Lafosse, M., see Chaimbault, P. 797(1998)83
- Lafosse, M., see Elfakir, C. 782(1997)191
- Lafosse, M., see Salvador, A. 785(1997)195
- Laganà, A., Fago, G. and Marino, A.
Determination of aryloxyphenoxypropionic acid herbicides in water using different solid-phase extraction procedures and liquid chromatography-diode array detection 796(1998)309
- Lage Yusty, M.A., see García Falcón, M.S. 753(1996)207
- Lagerlund, I., Larsson, E., Gustavsson, J., Färenmark, J. and Heijbel, A.
Characterisation of ANX Sepharose® 4 Fast Flow media 796(1998)129
- Lagerquist, C., see Lu, L. 776(1997)81
- Lagu, A.L., see Strege, M.A. 780(1997)285
- Lahm, H.-W., see Weiss, M. 795(1998)263
- Lahr, T., see Frost, M.C. 788(1997)207
- Lai, C.-C., see Ju, D.-D. 779(1997)195
- Lakso, H., see Sng, M.T. 759(1997)225
- Lambert, W.J., see Abraham, M.H. 766(1997)35
- Lambin, P., see Gokana, A. 791(1997)109
- Lambin, P., see Hasnaoui, M. 766(1997)49
- Lamm, T., see Adlof, R. 799(1998)329
- Lamoree, M.H., Tjaden, U.R. and van der Greef, J.
Use of microdialysis for the on-line coupling of capillary isoelectric focusing with electrospray mass spectrometry 777(1997)31
- Lamotte, A., see Dautraix, S. 756(1996)203
- Lamotte, S., see Pötter, W. 786(1997)47
- Lamparczyk, H., see Zarzycki, P.K. 787(1997)227
- Lamparth, I., see Gross, B. 791(1997)65
- Land, A.P., see Tiller, P.R. 771(1997)119
- Land, A.P., see Tiller, P.R. 794(1998)15
- Landriault, M., see Wang, Z. 775(1997)251
- Lane, J.R., Webb, L.W. and Acuff, R.V.
Concurrent liquid chromatographic separation and photodiode array detection of retinol, tocopherols, all-trans- α -carotene, all-trans- β -carotene and the mono-cis isomers of β -carotene in extracts of human plasma 787(1997)111
- Langer, M., see Rethmeier, J. 760(1997)295
- Langhans, C.-D., see Meier-Augenstein, W. 752(1996)233
- Latini, S.N., Ledenkova, M.Yu. and Nikitin, Yu.S.
Influence of the concentration of adsorbate and modifier in the mobile phase on retention in high-performance liquid chromatography 797(1998)3
- Latjwani, S.N., see Khuhawar, M.Y. 758(1997)159
- Lanza, F., see Papoff, P. 789(1997)51
- Lapierre, C., see Cottier, S. 771(1997)366
- Larger, P.J., Jones, A.D. and Dacombe, C.
Separation of tea polyphenols using micellar electrokinetic chromatography with diode array detection 799(1998)309
- Larsson, E., see Lagerlund, I. 796(1998)129
- Larsson, P.-O., see Gustavsson, P.-E. 776(1997)197
- Larsson, P.-O., see Gustavsson, P.-E. 795(1998)199
- Lathia, C.D., see Kagel, J.R. 763(1997)129
- La Torre, F., see Ferretti, R. 769(1997)231
- La Torre, F., see Ferretti, R. 795(1998)289
- Lau, O.-W. and Mok, C.-S.
High-performance liquid chromatographic determination of atropine and atropine-like alkaloids in pharmaceutical preparations with indirect conductometric detection 766(1997)270
- Lauren, S.L. and Treuheit, M.J.
Removal of the fluorescent 4-(aminosulfonyl)-2,1,3-benzoxadiazole label from cysteine-containing peptides 798(1998)47
- Laus, G., see Péter, A. 797(1998)165
- Lavens, P., see Huo, J.-Z. 782(1997)63
- Lawrence, J.F., Ménard, C., Hennion, M.-C., Pichon, V., LeGoffic, F. and Durand, N.
Evaluation of immunoaffinity chromatography as a replacement for organic solvent clean-up of plant extracts for the determination of triazine herbicides by liquid chromatography 752(1996)147
- Lawrence, J.F. and Wong, B.
Development of a manganese dioxide solid-phase reactor for oxidation of toxins associated with paralytic shellfish poisoning 755(1996)227
- Lazar, I.M., Lee, E.D., Rockwood, A.L. and Lee, M.L.
Evaluation of an electrospray interface for capillary electrophoresis-time-of-flight mass spectrometry 791(1997)269
- Le, X.C. and Ma, M.
Speciation of arsenic compounds by using ion-pair chromatography with atomic spectrometry and mass spectrometry detection 764(1997)55
- Le, X.C., Zhang, Y., Dovichi, N.J., Compston, C.A., Palcic, M.M., Beever, R.J. and Hindsgaul, O.
Study of the enzymatic transformation of fluorescently labeled oligosaccharides in human epidermoid cells using capillary electrophoresis with laser-induced fluorescence detection 781(1997)515
- Leal, C., see Abalos, M. 788(1997)1
- Lean, M.E.J., see Crozier, A. 761(1997)315
- Leão, J.M., Gago, A., Rodríguez-Vázquez, J.A., Agüete, E.C., Omil, M.M. and Comesána, M.
Solid-phase extraction and high-performance liquid chromatography procedures for the analysis of paralytic shellfish toxins 798(1998)131
- Lebedeva, E.V., see Andreev, V.P. 772(1997)115
- Lebing, W.R., see Chen, S.X. 800(1998)207
- Lebrón-Aguilar, R., Quintanilla-López, J.E. and García-Domínguez, J.A.
Hold-up time in gas chromatography. I. New approach to its estimation 760(1997)219
- Lebrón-Aguilar, R., see Quintanilla-López, J.E. 767(1997)127
- Lečnik, B., see Novič, M. 764(1997)249

- Ledenkova, M.Yu., see Lanin, S.N. 797(1998)3
- Lederer, M., Leipzig-Pagani, E., Lumini, T. and Roulet, R.
Synthesis of rhodium(III)-pyridine complexes: an electrophoretic and chromatographic study 769(1997)325
- Lee, B.L., Koh, D., Ong, H.Y. and Ong, C.N.
High-performance liquid chromatographic determination of dehydroabietic and abietic acids in traditional Chinese medications 763(1997)221
- Lee, B.-N., see Jen, J.-F. 793(1998)378
- Lee, C.-H., see Lehotay, S.J. 785(1997)313
- Lee, C.S., see Abler, J.K. 759(1997)139
- Lee, C.S., see Fan, Z.H. 769(1997)315
- Lee, C.S., see Kelly, J.A. 790(1997)207
- Lee, C.S., see Tang, Q. 781(1997)113
- Lee, C.S., see Yang, L. 780(1997)207
- Lee, E.D., see Lazar, I.M. 791(1997)269
- Lee, F.K., see Sng, M.T. 759(1997)225
- Lee, F.T., see Catimel, B. 776(1997)15
- Lee, H.-B., Peart, T.E., Bennie, D.T. and Maguire, R.J.
Determination of nonylphenol polyethoxylates and their carboxylic acid metabolites in sewage treatment plant sludge by supercritical carbon dioxide extraction 785(1997)385
- Lee, H.G.
Rapid high-performance isoelectric focusing of monoclonal antibodies in uncoated fused-silica capillaries 790(1997)215
- Lee, H.K., see He, Y. 793(1998)331
- Lee, H.K., see Liu, W. 796(1998)385
- Lee, H.K., see Rodriguez, I. 781(1997)287
- Lee, H.K., see Wang, P. 765(1997)353
- Lee, H.K., see Wang, P. 789(1997)437
- Lee, H.-L., see Jen, J.-F. 793(1998)378
- Lee, J.-H., see Kim, J.-H. 782(1997)140
- Lee, J.-S., see Lee, M.-R. 775(1997)267
- Lee, J.-T., see Gahm, K.-H. 793(1998)135
- Lee, K.-J., see Heo, Y.J. 781(1997)251
- Lee, M.-C., Chuang, W.-C. and Sheu, S.-J.
Determination of the alkaloids in *Evodiae fructus* by capillary electrophoresis 755(1996)113
- Lee, M.L., see Lazar, I.M. 791(1997)269
- Lee, M.L., see Li, W. 758(1997)117
- Lee, M.L., see Pyo, D. 753(1996)291
- Lee, M.L., see Shen, Y. 778(1997)31
- Lee, M.-R., Lee, J.-S., Hsiang, W.-S. and Chen, C.-M.
Purge-and-trap gas chromatography-mass spectrometry in the analysis of volatile organochlorine compounds in water 775(1997)267
- Lee, M.S., see Liu, J. 763(1997)261
- Lee, R., see Chang, H.-T. 800(1998)339
- Lee, S.-S., see Sun, S.-W. 767(1997)277
- Lee, S.-S., see Sun, S.-W. 799(1998)337
- Lee, Y.K., see Park, J.H. 767(1997)1
- Lee, Y.-T. and Whang, C.-W.
Off-column chemiluminescence detection in capillary electrophoresis 771(1997)379
- Legendre Jr., B.L., Moberg, D.L., Williams, D.C. and Soper, S.A.
Ultrasensitive near-infrared laser-induced fluorescence detection in capillary electrophoresis using a diode laser and avalanche photodiode 779(1997)185
- LeGoffic, F., see Lawrence, J.F. 752(1996)147
- Lehmann, R., see Liebich, H.M. 793(1998)341
- Lehmann, R., see Liebich, H.M. 795(1998)388
- Lehotay, S.J.
Supercritical fluid extraction of pesticides in foods (Review) 785(1997)289
- Lehotay, S.J. and Lee, C.-H.
Evaluation of a fibrous cellulose drying agent in supercritical fluid extraction and pressurized liquid extraction of diverse pesticides 785(1997)313
- Lehotay, S.J. and Valverde-García, A.
Evaluation of different solid-phase traps for automated collection and clean-up in the analysis of multiple pesticides in fruits and vegetables after supercritical fluid extraction 765(1997)69
- Lehoucq, S., see Cavoy, E. 769(1997)49
- Lehrle, R.S., see French, C.R. 773(1997)372
- Leidy, R.B., see Penmetsa, K.V. 766(1997)225
- Leidy, R.B., see Penmetsa, K.V. 790(1997)225
- Leinoudi, M., see Yasin, M. 754(1996)235
- Leipzig-Pagani, E., see Lederer, M. 769(1997)325
- Leitao, R.A.E., see Abraham, M.H. 766(1997)35
- Le Men-Olivier, L., see Renault, J.-H. 763(1997)345
- Lemière, F., see Esmans, E.L. 794(1998)109
- Lengyel, J., Magyar, K., Hollósi, I., Bartók, T., Báthori, M., Kalász, H. and Fürst, S.
Urinary excretion of deprenyl metabolites 762(1997)321
- Lennon, P.J., see Huang, J. 793(1998)209
- Lent, J.A., see Nitowski, A.J. 781(1997)541
- Lenz, S., see Sacher, F. 764(1997)85
- León-González, M.E., see Rodríguez-Plasencia, F.J. 760(1997)314
- Leonards, P.E.G., see Steen, R.J.C.A. 766(1997)153
- Leško, J., see Matisová, E. 754(1996)445
- Leskovac, V., see Popović, D.A. 769(1997)225
- Leth, T., see Justesen, U. 799(1998)101
- Leu, M.-F., see Jen, J.-F. 796(1998)283
- Le Vent, S.
Homologous series methods for determining hold-up parameters in isothermal gas chromatography 752(1996)173
- Levin, S., Sterin, M., Magora, A. and Popescu, A.
Resolution of enantiomers of uridine analogs, potential antiviral agents 752(1996)131
- Levison, P.R., Mumford, C., Streater, M., Brandt-Nielsen, A., Pathirana, N.D. and Badger, S.E.
Performance comparison of low-pressure ion-exchange chromatography media for protein separation 760(1997)151
- Levy, A., see Weissenberg, M. 757(1997)89
- Li, D., see Ning, J. 793(1998)193
- Li, H., Li, Y., Den, J. and Hu, Q.
Quantitative determination of mono- and dipentaerythritol in synthesis solutions by high-performance liquid chromatography 773(1997)361

- Li, J. and Fritz, J.S.
Novel polymeric resins for anion-exchange chromatography
793(1998)231
- Li, J., see Park, J.H. 767(1997)1
- Li, J., see Reeder, D.H. 760(1997)71
- Li, J., Reeder, D.H., McCormick, A.V. and Carr, P.W.
Factors influencing polybutadiene deposition within porous
chromatographic zirconia 791(1997)45
- Li, K., see Llompart, M.P. 757(1997)153
- Li, K., see Llompart, M.P. 774(1997)243
- Li, L., see Park, J.H. 767(1997)1
- Li, L., see Whittal, R.M. 794(1998)367
- Li, M.X., see Wu, J.-T. 794(1998)377
- Li, S.F.Y., see Rodriguez, I. 781(1997)287
- Li, S.F.Y., see Wang, P. 765(1997)353
- Li, S.F.Y., see Wang, T. 779(1997)215
- Li, S.F.Y., see Wang, T. 781(1997)457
- Li, S.F.Y., see Wang, T. 795(1998)400
- Li, S.F.Y., see Wei, H. 800(1998)333
- Li, W., Malik, A. and Lee, M.L.
Pressure drop effects in packed capillary column
supercritical fluid chromatography 758(1997)117
- Li, W., see Pyo, D. 753(1996)291
- Li, Y., see Li, H. 773(1997)361
- Li, Y., see Liu, J. 763(1997)261
- Li, Z., see Kang, J. 799(1998)361
- Lian, L.-z., see He, X.-g. 755(1996)127
- Lian, L.-z., see He, X.-g. 757(1997)81
- Lian, L.-z., see He, X.-g. 791(1997)127
- Lian, L.-z., see He, X.-g. 796(1998)327
- Liang, F.T., Granstrom, D.E. and Shi, Yu.F.
Concentrating protein samples for sodium dodecyl
sulphate-polyacrylamide gel electrophoresis and isoelectric
focusing using protein-blotting membranes 764(1997)143
- Liang, H., Wang, Z.-G., Lin, B.-C., Xu, C.-G. and Fu, R.-N.
Nonequilibrium thermodynamic separation model in
capillary electrophoresis 763(1997)237
- Liang, H.-R., Vuorela, H., Vuorela, P., Riekola, M.-L. and
Hiltunen, R.
Prediction of migration behaviour of flavonoids in capillary
zone electrophoresis by means of topological indices
798(1998)233
- Liang, J., see Wen, R. 757(1997)319
- Liang, Y., White, W.S., Yao, L. and Serfass, R.E.
Use of high-precision gas isotope ratio mass spectrometry
to determine natural abundance ^{13}C in lutein isolated from
 C_3 and C_4 plant sources 800(1998)51
- Liao, J.-H., see Ling, Y.-C. 754(1996)285
- Liao, J.-L., see Ericson, C. 767(1997)33
- Liao, J.-L., see Zeng, C.-M. 753(1996)227
- Liapis, A.I., see Heeter, G.A. 760(1997)55
- Liapis, A.I., see Heeter, G.A. 761(1997)35
- Liapis, A.I., see Heeter, G.A. 776(1997)3
- Liapis, A.I., see Heeter, G.A. 796(1998)157
- Lichtenwalter, K., see Apffel, A. 777(1997)3
- Liebich, H.M., Di Stefano, C., Wixforth, A. and Schmid, H.R.
Quantitation of urinary nucleosides by high-performance
liquid chromatography 763(1997)193
- Liebich, H.M., Lehmann, R., Di Stefano, C., Häring, H.U.,
Kim, J.H. and Kim, K.R.
Analysis of traditional Chinese anticancer drugs by
capillary electrophoresis 795(1998)388
- Liebich, H.M., Xu, G., Di Stefano, C. and Lehmann, R.
Capillary electrophoresis of urinary normal and modified
nucleosides of cancer patients 793(1998)341
- Liesiené, J., Račaitytė, K., Morkevičienė, M., Valančius, P. and
Bumelis, V.
Immobilized metal affinity chromatography of human
growth hormone. Effect of ligand density 764(1997)27
- Lightfoot, E.N., Coffman, J.L., Lode, F., Yuan, Q.S., Perkins,
T.W. and Root, T.W.
Refining the description of protein chromatography
760(1997)139
- Lightfoot, E.N., see Lode, F.G. 796(1998)3
- Lightfoot, E.N., see Perkins, T.W. 766(1997)1
- Lightly, E.R.T., see Cheng, J. 771(1997)389
- Lilley, K.A., see Wheat, T.E. 781(1997)99
- Lima Neto, B.S., see Nascimento, R.F. 782(1997)13
- Lin, B., see Koppenhoefer, B. 793(1998)153
- Lin, B.-C., see Liang, H. 763(1997)237
- Lin, C.-C., see Bryant, M.S. 777(1997)61
- Lin, C.-E., Chang, C.-C. and Lin, W.-C.
Migration behavior and separation of sulfonamides in
capillary zone electrophoresis. II. Positively charged species
at low pH 759(1997)203
- Lin, C.-E., Chang, C.-C. and Lin, W.-C.
Migration behavior and separation of sulfonamides in
capillary zone electrophoresis. III. Citrate buffer as a
background electrolyte 768(1997)105
- Lin, C.-E., Chang, C.-C., Lin, W.-C. and Lin, E.C.
Capillary zone electrophoretic separation of β -blockers
using citrate buffer at low pH 753(1996)133
- Lin, C.-E., Chen, Y.-C., Chang, C.-C. and Wang, D.-Z.
Migration behavior and selectivity of β -blockers in micellar
electrokinetic chromatography. Influence of micelle
concentration of cationic surfactants 775(1997)349
- Lin, C.-E., see Lin, W.-C. 755(1996)142
- Lin, C.-E., Lin, W.-C., Chen, Y.-C. and Wang, S.-W.
Migration behavior and selectivity of sulfonamides in
capillary electrophoresis 792(1997)37
- Lin, C.-E., Lin, W.-C., Chiou, W.-C., Lin, E.C. and Chang,
C.-C.
Migration behavior and separation of sulfonamides in
capillary zone electrophoresis. I. Influence of buffer pH
and electrolyte modifier 755(1996)261
- Lin, C.-E., Wang, D.-Z., Chen, Y.-C. and Chang, C.-C.
Reply to "Capillary zone electrophoretic separation of β -
blockers using citrate buffer at low pH" 776(1997)362
- Lin, C.-H., see Zamzow, D. 781(1997)73
- Lin, C.-S., see Huang, S.-D. 769(1997)239
- Lin, C.-S., see Zhang, X.-S. 789(1997)485
- Lin, E.C., see Lin, C.-E. 753(1996)133
- Lin, E.C., see Lin, C.-E. 755(1996)261
- Lin, E.C., see Lin, W.-C. 755(1996)142

- Lin, H., Xu, D.-K. and Chen, H.-Y.
Simultaneous determination of purine bases, ribonucleosides and ribonucleotides by capillary electrophoresis-electrochemistry with a copper electrode 760(1997)227
- Lin, J.-T., Woodruff, C.L. and McKeon, T.A.
Non-aqueous reversed-phase high-performance liquid chromatography of synthetic triacylglycerols and diacylglycerols 782(1997)41
- Lin, J.-T., see Zhu, P.L. 756(1996)63
- Lin, L.A., Tomlinson, J.A. and Satzger, R.D.
Detection of clenbuterol in bovine retinal tissue by high-performance liquid chromatography with electrochemical detection 762(1997)275
- Lin, L.-z., see He, X.-g. 755(1996)127
- Lin, L.-z., see He, X.-g. 757(1997)81
- Lin, L.-z., see He, X.-g. 791(1997)127
- Lin, L.-z., see He, X.-g. 796(1998)327
- Lin, S.-J., see Chen, S.-H. 799(1998)93
- Lin, W.-C., see Lin, C.-E. 753(1996)133
- Lin, W.-C., see Lin, C.-E. 755(1996)261
- Lin, W.-C., see Lin, C.-E. 759(1997)203
- Lin, W.-C., see Lin, C.-E. 768(1997)105
- Lin, W.-C., see Lin, C.-E. 792(1997)37
- Lin, W.-C., Lin, C.-E. and Lin, E.-C.
Capillary zone electrophoretic separation of biogenic amines: influence of organic modifier 755(1996)142
- Lin, Y., Wu, H., Smart, N. and Wai, C.M.
Investigation of adducts of lanthanide and uranium β -diketonates with organophosphorus Lewis bases by supercritical fluid chromatography 793(1998)107
- Lind, H., see Philipsen, H.J.A. 790(1997)101
- Lindner, H., Sarg, B. and Helliger, W.
Application of hydrophilic-interaction liquid chromatography to the separation of phosphorylated H1 histones 782(1997)55
- Lindner, W., see Kleidernigg, O.P. 795(1998)251
- Lindqvist, L. and Jansson, P.-E.
Separation of acyclic derivatives of sugar enantiomers using gas chromatography on chiral stationary phases of permethylated α -, β - and γ -cyclodextrin 767(1997)325
- Lindqvist, L. and Jansson, P.-E.
Determination of the absolute configuration of sugar residues using gas chromatography. Method with potential for elimination of references 769(1997)253
- Lindstrom, T., see Surapaneni, S. 761(1997)249
- Ling, Y., see Zhang, H. 787(1997)161
- Ling, Y.-C. and Liao, J.-H.
Matrix effect on supercritical fluid extraction of organochlorine pesticides from sulfur-containing soils 754(1996)285
- Ling, Y.-C. and Teng, H.-C.
Supercritical fluid extraction and clean-up of organochlorine pesticides and polychlorinated biphenyls in mussels 790(1997)153
- Lingeman, H., see Steijger, O.M. 799(1998)57
- Lingeman, H., see Veraart, J.R. 768(1997)307
- Linhardt, R.J., see Toida, T. 787(1997)266
- Linnemayr, K., Rizzi, A. and Allmaier, G.
Characterization of modified cyclodextrins applied in capillary electrophoresis and high-performance liquid chromatography as chiral selectors by matrix-assisted laser desorption ionization curved field reflectron mass spectrometry 791(1997)299
- Lino, C.M. and da Silveira, M.I.N.
Extraction and clean-up methods for the determination of organochlorine pesticide residues in medicinal plants 769(1997)275
- Linse, P., see Carlsson, M. 756(1996)107
- Linse, P., see Svensson, M. 761(1997)91
- Linton, C., see Morley, J. 766(1997)77
- Lips, J., see Pham Tuan, H. 791(1997)187
- Liška, I. and Bílková, K.
Stability of polar pesticides on disposable solid-phase extraction precolumns 795(1998)61
- Liška, I., see Slobodník, J. 768(1997)239
- Liu, B., see Dean, J.R. 799(1998)343
- Liu, C.-Y., Hu, C.-C. and Yang, C.-L.
Synthesis and characterization of a novel wall coated capillary column for the separation of polycyclic aromatic hydrocarbons 773(1997)199
- Liu, F., see Dabek-Złotorzynska, E. 770(1997)349
- Liu, J., Coffey, H., Detlefsen, D.J., Li, Y. and Lee, M.S.
Chiral recognition and racemic resolution of drug enantiomers by electrophoresis based on host-guest complexation 763(1997)261
- Liu, K.-n., see Chen, Q.-c. 771(1997)135
- Liu, L., Roets, E. and Hoogmartens, J.
Liquid chromatography of spiramycin on poly(styrene-divinylbenzene) 764(1997)43
- Liu, M.-S., see Rampal, S. 781(1997)357
- Liu, T., see Rollag, J.G. 765(1997)145
- Liu, W. and Lee, H.K.
Simultaneous analysis of inorganic and organic lead, mercury and selenium by capillary electrophoresis with nitrilotriacetic acid as derivatization agent 796(1998)385
- Liu, X., see Chen, L.R. 789(1997)135
- Liu, X., Jiang, S.X., Chen, L.R., Xu, Y.Q. and Ma, P.
Determination of inorganic ions in oil field waters by single-column ion chromatography 789(1997)569
- Liu, Y. and Anderson, D.J.
Gradient chromatofocusing high-performance liquid chromatography. II. Theoretical aspects 762(1997)47
- Liu, Y. and Anderson, D.J.
Gradient chromatofocusing high-performance liquid chromatography. I. Practical aspects 762(1997)207
- Liu, Y., Anderson, D.J. and Shainoff, J.R.
Multiple peaks induced by domain-specific binding of fibrinogen in anion-exchange high-performance liquid chromatography 753(1996)63
- Liu, Y., see Lopez-Avila, V. 785(1997)279
- Liu, Y.-M., Schneider, M., Sticha, C.M., Toyooka, T. and Sweedler, J.V.
Separation of amino acid and peptide stereoisomers by nonionic micelle-mediated capillary electrophoresis after chiral derivatization 800(1998)345
- Liu, Z., see Jiménez, B. 792(1997)411

- Llompart, M.P., Lorenzo, R.A., Cela, R., Jocelyn Paré, J.R., Bélanger, J.M.R. and Li, K.
Phenol and methylphenol isomers determination in soils by in-situ microwave-assisted extraction and derivatisation 757(1997)153
- Llompart, M.P., Lorenzo, R.A., Cela, R., Li, K., Bélanger, J.M.R. and Paré, J.R.J.
Evaluation of supercritical fluid extraction, microwave-assisted extraction and sonication in the determination of some phenolic compounds from various soil matrices 774(1997)243
- Lloyd, D.K., see Ahmed, A. 766(1997)237
- Lloyd, D.K., Aubry, A.-F. and De Lorenzi, E.
Selectivity in capillary electrophoresis: the use of proteins 792(1997)349
- Lloyd, D.K., see De Lorenzi, E. 790(1997)47
- Lloyd, D.K., see Govindaraju, K. 768(1997)3
- Lo, A.O., see Jane Burri, B. 762(1997)201
- Lobifiski, R., see Pereiro, I.R. 795(1998)359
- Lochmann, H., see Brüns, M. 779(1997)342
- Locke, D.C., see Schneiderman, M.A. 765(1997)215
- Locke, D.C., see Zhou, L. 773(1997)311
- Locke, I.C., Cox, S.F. and Carpenter, B.G.
Purification of a Streptococcal deoxyribonuclease by affinity chromatography based on a DNA-cellulose matrix 788(1997)75
- Loconto, P.R.
Isolation and recovery of 9,10-dimethyl-1,2-benzanthracene from animal bedding by reversed-phase solid-phase extraction combined with high-performance liquid chromatography (Short communication) 774(1997)223
- Lode, F., see Lightfoot, E.N. 760(1997)139
- Lode, F.G., Rosenfeld, A., Yuan, Q.S., Root, T.W. and Lightfoot, E.N.
Refining the scale-up of chromatographic separations 796(1998)3
- Lods, M.M., see Mendoza, C.B. 762(1997)299
- Lofti, H., see Debusschère, L. 779(1997)227
- Londo, T., Lynch, P., Kehoe, T., Meys, M. and Gordon, N.
Accelerated recombinant protein purification process development. Automated, robotics-based integration of chromatographic purification and analysis 798(1998)73
- Long, J., see Dear, G.J. 794(1998)27
- Longo, A., see Frassanito, R. 795(1998)53
- Longo, M. and Cavallaro, A.
Determination of aromatic amines at trace levels by derivatization with heptafluorobutyric anhydride and gas chromatography-electron-capture negative-ion chemical ionization mass spectrometry 753(1996)91
- Lopez-Avila, V., Liu, Y. and Beckert, W.F.
Interlaboratory evaluation of an off-line supercritical fluid extraction and gas chromatography with atomic emission detection method for the determination of organotin compounds in soil and sediments 785(1997)279
- López de Alda Villaizán, M.J., see García Falcón, M.S. 753(1996)207
- López, F.J., see Hernández, F. 778(1997)171
- López, F.J., see Serrano, R. 778(1997)151
- López, F.S., see Merás, I.D. 787(1997)119
- Lopez, L., see Tiller, P.R. 771(1997)119
- López-Ruiz, A., see Merino, M.T. 760(1997)173
- Lopez-Sabater, M.C., see Rodríguez-Palmero, M. 778(1997)435
- Lopez-Sabater, M.C., see Rodríguez-Palmero, M. 793(1998)435
- López-Tamames, E., see Gallart, M. 776(1997)283
- López, Z.K., Tejeda, A., Montesinos, R.M., Magaña, I. and Guzmán, R.
Modeling column regeneration effects on ion-exchange chromatography 791(1997)99
- Loran, J.S., see Ferguson, P.D. 768(1997)29
- Lorbeer, E., see Aichholz, R. 787(1997)181
- Lorbeer, E., see Mayer, B.X. 758(1997)235
- Lord, G.A., Gordon, D.B., Myers, P. and King, B.W.
Tapers and restrictors for capillary electrochromatography and capillary electrochromatography-mass spectrometry 768(1997)9
- Lorenzo, R.A., see Llompart, M.P. 757(1997)153
- Lorenzo, R.A., see Llompart, M.P. 774(1997)243
- Lou, X., Janssen, H.-G. and Cramers, C.A.
Temperature and pressure effects on solubility in supercritical carbon dioxide and retention in supercritical fluid chromatography 785(1997)57
- Lough, W.J., see Frame, L.A. 798(1998)243
- Lough, W.J., see Mills, M.J. 759(1997)1
- Loureiro, J.M., see Pais, L.S. 769(1997)25
- Lourenço, A., see Borges, C. 770(1997)195
- Louter, A.J.H., see Slobodník, J. 768(1997)239
- Lu, H., Mou, S., Yan, Y., Tong, S. and Riviello, J.M.
On-line pretreatment and determination of Pb, Cu and Cd at the $\mu\text{g l}^{-1}$ level in drinking water by chelation ion chromatography 800(1998)247
- Lu, L., Lundqvist, A., Zeng, C.-M., Lagerquist, C. and Lundahl, P.
D-Glucose, forskolin and cytochalasin B affinities for the glucose transporter Glut1. Study of pH and reconstitution effects by biomembrane affinity chromatography 776(1997)81
- Lu, M. and Tjerneld, F.
Interaction between tryptophan residues and hydrophobically modified dextran. Effect on partitioning of peptides and proteins in aqueous two-phase systems 766(1997)99
- Lu, X.-R., see Zhou, X.-C. 753(1996)269
- Lubahn, N., see Deuster, R. 785(1997)227
- Lubman, D.M., see Wu, J.-T. 794(1998)377
- Lucena, J.J., see Hernández-Apaolaza, L. 789(1997)453
- Lucentini, L., see Draisici, R. 777(1997)201
- Lucentini, L., see Draisici, R. 798(1998)109
- Lucentini, L., see Draisici, R. 798(1998)137
- Lucentini, L., see James, K.J. 777(1997)213
- Lucentini, L., see Valvo, L. 797(1998)311
- Lucisano, M., see Simò-Alfonso, E. 756(1996)255
- Luck, G., see Heems, D. 798(1998)9
- Luck, G., see Mangani, F. 762(1997)235
- Luckas, B., see Vetter, W. 769(1997)247
- Luckas, B., see Vetter, W. 799(1998)249
- Lucy, C.A., see Co, A.C. 770(1997)69
- Lucy, C.A., see Rae, W.E. 781(1997)3
- Lüdtke, S., Adam, T. and Unger, K.K.
Application of 0.5- μm porous silanized silica beads in electrochromatography 786(1997)229

- Ludwig, U., Grischek, T., Neitzel, P. and Nestler, W.
Ultrafiltration: a technique for determining the molecular-mass distribution of group parameters of organic pollutants in natural waters 763(1997)315
- Luellau, E., Von Stockar, U., Vogt, S. and Freitag, R.
Development of a downstream process for the isolation and separation of monoclonal immunoglobulin A monomers, dimers and polymers from cell culture supernatant 796(1998)165
- Lumini, T., see Lederer, M. 769(1997)325
- Lund, W., see Tangen, A. 767(1997)311
- Lundahl, P., see Lu, L. 776(1997)81
- Lundahl, P., see Lundqvist, A. 776(1997)87
- Lundahl, P., see Viel, G.T. 776(1997)101
- Lundanes, E., see Drange, E. 771(1997)301
- Lundanes, E., see Mensah, J.K. 765(1997)85
- Lundblad, A., see Ohlson, S. 758(1997)199
- Lundgren, M., see Bodén, L. 788(1997)195
- Lundqvist, A., see Lu, L. 776(1997)81
- Lundqvist, A. and Lundahl, P.
Glucose affinity for the glucose transporter Glut1 in native or reconstituted lipid bilayers. Temperature-dependence study by biomembrane affinity chromatography 776(1997)87
- Lunte, S.M., see Hansen, D.K. 781(1997)81
- Lunte, S.M., see Kostel, K.L. 755(1996)311
- Luo, G.-A., see Ding, M.-Y. 764(1997)341
- Luong, J.H.T., see Hilmi, A. 761(1997)259
- Luong, J.H.T. and Nguyen, A.L.
Achiral selectivity in cyclodextrin-modified capillary electrophoresis 792(1997)431
- Luque de Castro, M.D., see Jiménez-Carmona, M.M. 785(1997)329
- Luque de Castro, M.D., see Papaefstathiou, I. 779(1997)352
- Lurie, I.S.
Application of micellar electrokinetic capillary chromatography to the analysis of illicit drug seizures 780(1997)265
- Lurie, I.S.
Separation selectivity in chiral and achiral capillary electrophoresis with mixed cyclodextrins 792(1997)297
- Lutz, E.S.M., Irth, H., Tjaden, U.R. and van der Greef, J.
Applying hollow fibres for separating free and bound label in continuous-flow immunochemical detection 755(1996)179
- Lutz, E.S.M., Irth, H., Tjaden, U.R. and van der Greef, J.
Implementation of affinity solid-phases in continuous-flow biochemical detection 776(1997)169
- Luukkanen, L., see Keski-Hynnilä, H. 794(1998)75
- Luyben, K.Ch.A.M., see Corstjens, H. 753(1996)127
- Luyben, K.Ch.A.M., see van Buel, M.J. 773(1997)1
- Luyben, K.Ch.A.M., see van Buel, M.J. 773(1997)13
- Luzzana, U., see Bellagamba, F. 791(1997)79
- Lynch, P., see Londo, T. 798(1998)73
- Lynn, Jr., B.C., see Abraham, V.M. 790(1997)131
- Lyubarskaya, Y.V., see Rashkovetsky, L.G. 781(1997)197
- M**
- Ma, C.Y., see Dindal, A.B. 793(1998)397
- Ma, J.-H., see Cheng, C. 763(1997)205
- Ma, L., see Prokai, L. 800(1998)59
- Ma, L., see Smith, R.M. 785(1997)179
- Ma, M., see Le, X.C. 764(1997)55
- Ma, M.G., see Mendoza, C.B. 762(1997)299
- Ma, P., see Liu, X. 789(1997)569
- Ma, Y., see Ito, Y. 753(1996)1
- Ma, Y. and Ito, Y.
Peptide separation by pH-zone-refining countercurrent chromatography 771(1997)81
- Ma, Y., see Shibusawa, Y. 759(1997)47
- Ma, Z., Zhang, L. and Han, S.
Separation of samarium, gadolinium, terbium, dysprosium, erbium and ytterbium by high-speed countercurrent chromatography with organophosphate ester 766(1997)282
- Määttänen, A., see Sirén, H. 767(1997)293
- Mabbutt, B.C., see Corthals, G.L. 773(1997)299
- Mabilia, R., see Ciccioli, P. 777(1997)267
- Mabry, T.J., see Pan, M. 787(1997)288
- Machida, Y., Nishi, H., Nakamura, K., Nakai, H. and Sato, T.
Enantiomeric separation of diols and β -amino alcohols by chiral stationary phase derived from (R,R)-tartramide 757(1997)73
- Machnikowska, H., see Machnikowski, J. 778(1997)403
- Machnikowski, J., Machnikowska, H., Díez, M.A., Alvarez, R. and Berméjo, J.
Characterization of coal-derived pitches as precursors for advanced carbon materials by chromatographic and related techniques 778(1997)403
- Machová, L., see Kasička, V. 772(1997)221
- Macka, M., see Haddad, P.R. 780(1997)329
- Macka, M., see Paull, B. 789(1997)329
- Macka, M., Paull, B., Andersson, P. and Haddad, P.R.
Determination of barium and strontium by capillary zone electrophoresis using an electrolyte containing sulfonazo III 767(1997)303
- Macka, M., Paull, B., Bogan, D.P. and Haddad, P.R.
Role of ligand purity in separations of alkaline earth metals as arsenazo I complexes by capillary zone electrophoresis 793(1998)177
- Madajová, V., see Kanianský, D. 772(1997)103
- Madajová, V., see Kanianský, D. 772(1997)327
- Maeda, M., see Kurosu, Y. 787(1997)261
- Maeno, S., Eddy, C.L., Smith, S.D. and Rodriguez, P.A.
Modification of a commercial pyrolysis probe to improve its temporal and spatial temperature profiles. Performance evaluation using model polymers 791(1997)151
- Magaña, I., see López, Z.K. 791(1997)99
- Magdic, S., see Jinno, K. 754(1996)137

- Magelssen, G.R. and Elling, J.W.
Chromatography pattern recognition of Aroclors using iterative probabilistic neural networks 775(1997)231
- Magiera, D., see Xu, L. 764(1997)95
- Magnani, E., see Gelsomino, A. 782(1997)105
- Magnuson, M.L., see Creed, J.T. 753(1996)261
- Magora, A., see Levin, S. 752(1996)131
- Maguire, R.J., see Lee, H.-B. 785(1997)385
- Magyar, K., see Lengyel, J. 762(1997)321
- Mahabir-Jagessar Tewari, K. and Van Stroe-Bieze, S.A.M.
Analysis of amine-containing phosphonates in detergent powders by anion-exchange chromatography with pulsed amperometric detection 771(1997)155
- Mahabir-Jagessar Tewari, K. and van Stroe-Biezen, S.A.M.
Erratum to "Analysis of amine-containing phosphonates in detergent powders by anion-exchange chromatography with pulsed amperometric detection". [J. Chromatogr. 771 (1997) 155] 786(1997)383
- Mahadevan, L.C., see Zhelev, N.Z. 763(1997)65
- Mai, X., see Joachimiak, A. 773(1997)131
- Maichel, B., see Potocek, B. 798(1998)269
- Maier, B., see Trathnigg, B. 791(1997)21
- Maier, N.M., see Uray, G. 799(1998)67
- Mainka, A. and Bächmann, K.
UV detection of derivatized carbonyl compounds in rain samples in capillary electrophoresis using sample stacking and a Z-shaped flow cell 767(1997)241
- Majcherczyk, A. and Hüttermann, A.
Size-exclusion chromatography of lignin as ion-pair complex 764(1997)183
- Mak, D.S., see Perkins, T.W. 766(1997)1
- Makita, M., see Kataoka, H. 758(1997)167
- Makranszki, L., see Morovján, G. 797(1998)237
- Malá, Ž., see Klepárník, K. 772(1997)243
- Maleš, Ž., see Medić-Šarić, M. 776(1997)355
- Malhoa Gomes, M., see Borges, C. 770(1997)195
- Malik, A., see Li, W. 758(1997)117
- Malik, S.A., see Blackwell, P.A. 770(1997)93
- Mallwitz, H., see Branch, S.K. 758(1997)277
- Malmqvist, U.K., see Hogenboom, A.C. 759(1997)55
- Maltas, J., see Mills, M.J. 759(1997)1
- Maman, O., Marseille, F., Guillet, B., Disnar, J.-R. and Morin, P.
Separation of phenolic aldehydes, ketones and acids from lignin degradation by capillary zone electrophoresis 755(1996)89
- Manclús, J.J., see Jiménez-Carmona, M.M. 785(1997)329
- Mandrou, B., see Fabre, H. 772(1997)265
- Mañes, J., see Torres, C.M. 754(1996)301
- Mañes, J., see Torres, C.M. 778(1997)127
- Manes, J.D., see Fujinari, E.M. 763(1997)323
- Mangani, F., Luck, G., Fraudeau, C. and Vérette, E.
On-line column-switching high-performance liquid chromatography analysis of cardiovascular drugs in serum with automated sample clean-up and zone-cutting technique to perform chiral separation 762(1997)235
- Mangia, A., see Bocchi, C. 753(1996)157
- Mangia, A., see Careri, M. 794(1998)263
- Mangin, C., see Millot, M.C. 776(1997)37
- Mangru, S.D., see Colyer, C.L. 781(1997)271
- Manini, P., see Bocchi, C. 753(1996)157
- Manini, P., see Careri, M. 789(1997)461
- Manini, P., see Careri, M. 794(1998)253
- Mann, C.K., see Doyle, C.A. 779(1997)91
- Mann, G., see Brandt, A. 769(1997)109
- Mann, G., see Brandt, A. 796(1998)223
- Mann, G., see Heuer, C. 752(1996)19
- Manneberg, M., see Weiss, M. 795(1998)263
- Mannermaa, J.-P., see Kaukonen, A.M. 797(1998)271
- Manninen, P. and Kallio, H.
Supercritical fluid chromatography-gas chromatography of volatiles in cloudberry (*Rubus chamaemorus*) oil extracted with supercritical carbon dioxide 787(1997)276
- Manninen, P.K.G., see Päntäri-Kallio, M. 779(1997)139
- Manning, D.A.C. and Bewsher, A.
Determination of anions in landfill leachates by ion chromatography 770(1997)203
- Mansfield, E.S., Vainer, M., Harris, D.W., Gasparini, P., Estivill, X., Surrey, S. and Fortina, P.
Rapid sizing of polymorphic microsatellite markers by capillary array electrophoresis 781(1997)295
- Mant, C.T., Chao, H. and Hodges, R.S.
Effect of mobile phase on the oligomerization state of α -helical coiled-coil peptides during high-performance size-exclusion chromatography 791(1997)85
- Mant, C.T., see Sereda, T.J. 776(1997)153
- Manzanas, L., see Nozal, M.^aJ. 778(1997)347
- Mao, Q., see Hirokawa, T. 786(1997)377
- Mao, Q.-M., see Finette, G.M.S. 763(1997)71
- Mao, Y. and Fung, B.M.
Use of alumina with anchored polymer coating as packing material for reversed-phase high-performance liquid chromatography 790(1997)9
- Marák, J., see Kaniansky, D. 772(1997)103
- Marák, J., see Kaniansky, D. 772(1997)327
- Maraschiello, C., see García Regueiro, J.A. 764(1997)279
- Marcé, R.M., see Aguilar, C. 754(1996)77
- Marcé, R.M., see Aguilar, C. 771(1997)221
- Marcé, R.M., see Aguilar, C. 794(1998)147
- Marcé, R.M., see Aguilar, C. 795(1998)105
- Marcé, R.M., see Bernal, J.L. 778(1997)321
- Marcé, R.M., see Masqué, N. 771(1997)55
- Marcé, R.M., see Masqué, N. 793(1998)257
- Marcé, R.M., see Pocurull, E. 755(1996)67
- Marchese, S., see D'Ascenzo, G. 800(1998)109
- Marchese, S., see Padiglioni, P. 756(1996)119
- Marchiafava, C., see Draisici, R. 798(1998)137
- Marchiori, E., see Zanette, M. 756(1996)159
- Marcomini, A., see Zanette, M. 756(1996)159
- Marengo, E., Gennaro, M.C. and Angelino, S.
Neural network and experimental design to investigate the effect of five factors in ion-interaction high-performance liquid chromatography 799(1998)47
- Margolis, S.A., see Da Costa, C.T. 799(1998)321
- Margraff, R., see Renault, J.-H. 763(1997)345
- Marić, V., see Rupčić, J. 755(1996)75
- Marina, M.L., see Benito, I. 778(1997)77

- Marina, M.L., Benito, I., Díez-Masa, J.C. and González, M.J.
Separation of chiral polychlorinated biphenyls by micellar electrokinetic chromatography using β - and γ -cyclodextrin mixtures in the separation buffer 752(1996)265
- Marina, M.L. and García, M.A.
Evaluation of distribution coefficients in micellar liquid chromatography 780(1997)103
- Marina, M.L., see García, M.C. 758(1997)75
- Marina, M.L., see Jiménez, B. 792(1997)411
- Marina, M.L., see Jiménez, O. 780(1997)149
- Mariné-Font, A., see Albalá-Hurtado, S. 778(1997)243
- Mariné-Font, A., see Albalá-Hurtado, S. 778(1997)247
- Marinero, P., see Nozal, M.J. 778(1997)347
- Marino, A., see Laganà, A. 796(1998)309
- Maris, F.A., see Wynia, G.S. 773(1997)339
- Markides, K.E., see Nyholm, L.M. 755(1996)153
- Markides, K.E., see Sjöberg, P.J.R. 785(1997)101
- Markides, K.E., see Wallenborg, S.R. 785(1997)121
- Marko-Varga, G., see Önnerfjord, P. 800(1998)219
- Marko Varga, G., see Van der Hoeven, R.A.M. 762(1997)193
- Marques, J.C., see Nascimento, R.F. 782(1997)13
- Marquez-Ruiz, G., see Kamal-Eldin, A. 776(1997)245
- Marquis, P.J., see Poe, D.P. 785(1997)135
- Marriott, P.J., see Morris, V.M. 755(1996)235
- Marriott, P.J., see Morris, V.M. 766(1997)245
- Marriott, P.J., see Pak, C. 793(1998)357
- Marseille, F., see Maman, O. 755(1996)89
- Marsh, K.C., see Hui, Y.-H. 762(1997)281
- Martens, J.H.P.A., Reijenga, J.C., ten Thije Boonkamp, J.H.M., Mattheij, R.M.M. and Everaerts, F.M.
Transient modelling of capillary electrophoresis.
Isotachophoresis 772(1997)49
- Martí, I. and Ventura, F.
Polychlorinated naphthalenes in groundwater samples from the Llobregat aquifer (Spain) 786(1997)135
- Martí, V., see Aguilar, M. 767(1997)319
- Martí, V., see Aguilar, M. 778(1997)397
- Martín-Esteban, A., Fernández, P. and Cámera, C.
New design for the on-line solid-phase extraction of pesticides using membrane extraction disk material and liquid chromatography in environmental waters 752(1996)291
- Martin, M., see Dapremont, O. 796(1998)81
- Martin, M., Min, B.-R. and Moon, M.H.
Interpretation of thermal field-flow fractionation experiments in a tilted channel 788(1997)121
- Martín, M.T., see Bernal, J.L. 754(1996)245
- Martin, W.J., see Cheng, J. 771(1997)389
- Martinez, A.T., see Bocchini, P. 773(1997)227
- Martínez, D., Borrull, F. and Calull, M.
Sample stacking using field-amplified sample injection in capillary zone electrophoresis in the analysis of phenolic compounds 788(1997)185
- Martínez Galera, M., see Garrido Frenich, A. 778(1997)183
- Martínez Galera, M., Garrido Frenich, A., Martínez Vidal, J.L. and Parrilla Vázquez, P.
Resolution of imidacloprid pesticide and its metabolite 6-chloronicotinic acid using cross-sections of spectrochromatograms obtained by high-performance liquid chromatography with diode-array detection 799(1998)149
- Martínez Galera, M., see Martínez Vidal, J.L. 765(1997)99
- Martínez Galera, M., Martínez Vidal, J.L., Garrido Frenich, A. and Gil García, M.D.
Evaluation of multiwavelength chromatograms for the quantification of mixtures of pesticides by high-performance liquid chromatography–diode array detection with multivariate calibration 778(1997)139
- Martínez, J.R., see Stashenko, E.E. 752(1996)209
- Martínez, J.R., see Stashenko, E.E. 779(1997)360
- Martínez, L., see Tadeo, J.L. 754(1996)347
- Martínez, R., see Pastor, A. 789(1997)279
- Martínez, R., see Stashenko, E.E. 752(1996)217
- Martínez, S., see Castillo, G. 782(1997)137
- Martínez, S., see Castillo, G. 795(1998)399
- Martínez Vidal, J.L., Egea González, F.J., Glass, C.R., Martínez Galera, M. and Castro Cano, M.L.
Analysis of lindane, α - and β -endosulfan and endosulfan sulfate in greenhouse air by gas chromatography 765(1997)99
- Martínez Vidal, J.L., see Garrido Frenich, A. 778(1997)183
- Martínez Vidal, J.L., see Martínez Galera, M. 778(1997)139
- Martínez Vidal, J.L., see Martínez Galera, M. 799(1998)149
- Martini, D. and Iacazio, G.
Enantiomeric separation of various lipoxygenase derived monohydroxy polyunsaturated fatty acid methyl esters by high-performance liquid chromatography 790(1997)235
- Martins, S., see Rivasseau, C. 799(1998)155
- Marty, J.-L., see Lacorte, S. 777(1997)99
- Maruška, A. and Pyell, U.
Capillary electrochromatography: normal-phase mode using silica gel and cellulose-based packing materials 782(1997)167
- Márutoiu, C., see Coman, V. 779(1997)321
- Maruyama, T., see Toida, T. 787(1997)266
- Masár, M., see Kaniansky, D. 772(1997)103
- Masár, M., see Kaniansky, D. 772(1997)327
- Masár, M., see Kaniansky, D. 792(1997)483
- Mascart, G., see Kümmeler, K. 774(1997)281
- Mascher, E., see Mulugeta, E. 798(1998)83
- Maspoch, S., see Blanco, M. 793(1998)165
- Maspoch, S., see Blanco, M. 799(1998)301
- Masqué, N., Galià, M., Marcé, R.M. and Borrull, F.
Chemically modified polymeric resin used as sorbent in a solid-phase extraction process to determine phenolic compounds in water 771(1997)55
- Masqué, N., Marcé, R.M. and Borrull, F.
Comparison of different sorbents for on-line solid-phase extraction of pesticides and phenolic compounds from natural water followed by liquid chromatography 793(1998)257
- Massaro, S., see Tavares, M.F.M. 772(1997)171
- Massart, D.L., see Vander Heyden, Y. 756(1996)89
- Massolini, G., see De Lorenzi, E. 790(1997)47

- Masson, P., Hilbert, G. and Plenet, D.
Ion chromatography methods for the simultaneous determination of mineral anions in plant sap 752(1996)298
- Masucci, J.A., see Caldwell, G.W. 800(1998)161
- Masumoto, S., see Moriyama, H. 798(1998)125
- Matallo, M.B., see Sánchez-Rasero, F. 799(1998)355
- Mateo, J.J., Gentilini, N., Huerta, T., Jiménez, M. and Di Stefano, R.
Fractionation of glycoside precursors of aroma in grapes and wine 778(1997)219
- Mateo, R., see Jiménez, M. 778(1997)363
- Mateo Castro, R., Doménech Carbó, M.T., Peris Martínez, V., Gimeno Adelantado, J.V. and Bosch Reig, F.
Study of binding media in works of art by gas chromatographic analysis of amino acids and fatty acids derivatized with ethyl chloroformate 778(1997)373
- Mateus, A., see Stashenko, E.E. 752(1996)209
- Mathew, J., see Noll, R.J. 799(1998)259
- Mathiasson, L., see Berg, H. 785(1997)345
- Mathiasson, L., see Knutsson, M. 754(1996)197
- Matisová, E., Kakalíková, L., Leško, J. and de Zeeuw, J.
Application of porous carbon for solid-phase extraction of dicarboxyimide fungicide residues from wines in combination with high-resolution capillary gas chromatography and gas chromatography-mass spectrometry 754(1996)445
- Matsumoto, K., see Suzuki, T. 786(1997)269
- Matsumura, S., see Kataoka, H. 758(1997)167
- Matsuno, T., see Honda, F. 775(1997)13
- Matsushima, Y., see Kanazawa, H. 763(1997)23
- Matsushima, Y., see Kanazawa, H. 797(1998)227
- Mattheij, R.M.M., see Martens, J.H.P.A. 772(1997)49
- Matthijs, G. and Schacht, E.
Dextran-coated silica and its behavior in high-performance size-exclusion chromatography 755(1996)1
- Mattras, H., see Pugniere, M. 767(1997)69
- Matucha, M., see Kubátová, A. 752(1996)197
- Matuszewski, B., see Woolf, E. 762(1997)311
- Matysiak, J., see Niewiadomy, A. 791(1997)237
- Matyska, M.T., see Akapo, S.O. 773(1997)53
- Matyska, M.T., see Pesek, J.J. 763(1997)307
- Matyska, M.T., see Pesek, J.J. 781(1997)423
- Matyska, M.T., see Pesek, J.J. 786(1997)219
- Maurino, V., see Angelino, S. 793(1998)307
- Mauskar, L., see Pesek, J.J. 763(1997)307
- Mawhinney, T.P., see Chance, D.L. 771(1997)191
- Mawhinney, T.P., see Chance, D.L. 793(1998)91
- Maxwell, R.J., see Eng, G.Y. 799(1998)349
- Mayer, B.X. and Lorbeer, E.
Triacylglycerol mixture for testing capillary columns for high-temperature gas chromatography 758(1997)235
- Mayer, D.L. and Fritz, J.S.
Silicalite as a sorbent for solid-phase extraction 771(1997)45
- Mayer, D.L. and Fritz, J.S.
Semi-micro solid-phase extraction of organic compounds from aqueous and biological samples 773(1997)189
- Mayer, S., see Schurig, V. 755(1996)299
- Mays, J., see Creasy, W.R. 774(1997)253
- Mazaleyrat, J.-P., see Péter, A. 790(1997)41
- Mazeas, L., see Bøwadt, S. 785(1997)205
- Mazgajska, M., see Chilmonczyk, Z. 788(1997)81
- Mazur, H., Kosakowska, A. and Pazdro, K.
Determination of indole-3-acetic acid in the Gulf of Gdańsk by high-performance liquid chromatography of its 4-methyl-7-methoxycoumarin derivative 766(1997)261
- Mazzotti, M., see Francotte, E. 796(1998)239
- Mazzotti, M., Storti, G. and Morbidelli, M.
Optimal operation of simulated moving bed units for nonlinear chromatographic separations 769(1997)3
- Mazzotti, M., Storti, G. and Morbidelli, M.
Supercritical fluid simulated moving bed chromatography 786(1997)309
- Mågård, M., see Berg, H. 785(1997)345
- McCalley, D.V.
Comparative evaluation of bonded-silica reversed-phase columns for high-performance liquid chromatography using strongly basic compounds and alternative organic modifiers buffered at acid pH 769(1997)169
- McCalley, D.V.
Influence of sample mass on the performance of reversed-phase columns in the analysis of strongly basic compounds by high-performance liquid chromatography 793(1998)31
- McCarron, P., see Rice, A. 772(1997)305
- McClean, S., see Smyth, W.F. 772(1997)161
- McClure, P.C., see Kimata, K. 786(1997)237
- McComb, M.E., Krutchinsky, A.N., Ens, W., Standing, K.G. and Perreault, H.
Sensitive high-resolution analysis of biological molecules by capillary zone electrophoresis coupled with reflecting time-of-flight mass spectrometry 800(1998)1
- McCormick, A.V., see Griffith, C.M. 776(1997)179
- McCormick, A.V., see Li, J. 791(1997)45
- McCormick, A.V., see Reeder, D.H. 760(1997)71
- McCracken, R.J. and Kennedy, D.G.
Determination of furazolidone in animal feeds using liquid chromatography with UV and thermospray mass spectrometric detection 771(1997)349
- McCreath, G.E., see Nash, D.C. 758(1997)53
- McCreath, G.E., Owen, R.O., Nash, D.C. and Chase, H.A.
Preparation and use of ion-exchange chromatographic supports based on perfluoropolymers 773(1997)73
- McCullagh, M., see Moyano, E. 777(1997)167
- McDonald, M.S., see Crozier, A. 761(1997)315
- McGrath, G., see Smyth, W.F. 772(1997)161
- McGuffin, V.L. and Chen, S.-H.
Molar enthalpy and molar volume of methylene and benzene homologues in reversed-phase liquid chromatography 762(1997)35
- McKeon, T.A., see Lin, J.-T. 782(1997)41
- McLaughlin, R.A. and Johnson, B.S.
Optimizing recoveries of two chlorotriazine herbicide metabolites and 11 pesticides from aqueous samples using solid-phase extraction and gas chromatography-mass spectrometry 790(1997)161
- McMillin, D.J. and Means, J.C.
Spatial and temporal trends of pesticide residues in water and particulates in the Mississippi River plume and the northwestern Gulf of Mexico 754(1996)169
- McNamara, P., see Hendershot, S. 762(1997)159

- McPherson, B., see Jordan, S.L. 755(1996)211
- McSweeney, C.C., see Glennon, J.D. 770(1997)85
- Means, J.C., see McMillin, D.J. 754(1996)169
- Mechref, Y. and El Rassi, Z.
Capillary electrophoresis of herbicides. II. Evaluation of alkylglucoside chiral surfactants in the enantiomeric separation of phenoxy acid herbicides 757(1997)263
- Mechref, Y., Ostrander, G.K. and El Rassi, Z.
Capillary electrophoresis of carboxylated carbohydrates. IV. Adjusting the separation selectivity of derivatized carboxylated carbohydrates by controlling the electrolyte ionic strength at subambient temperature and in the absence of electroosmotic flow 792(1997)75
- Medić-Šarić, M., Stanić, G., Maleš, Ž. and Šarić, S.
Application of numerical methods to thin-layer chromatographic investigation of the main components of chamomile (*Chamomilla recutita* (L.) Rauschert) essential oil 776(1997)355
- Medina-Hernández, M.J., see Argilés, F. 778(1997)67
- Medvedovici, A., Sandra, P., Toribio, L. and David, F.
Chiral packed column subcritical fluid chromatography on polysaccharide and macrocyclic antibiotic chiral stationary phases 785(1997)159
- Meier-Augenstein, W., Watt, P.W. and Langhans, C.-D.
Influence of gas chromatographic parameters on measurement of $^{13}\text{C}/^{12}\text{C}$ isotope ratios by gas–liquid chromatography–combustion isotope ratio mass spectrometry. I 752(1996)233
- Meiring, H.D., see Hogendoorn, E.A. 754(1996)49
- Mejanelle, P., Bleton, J., Goursaud, S. and Tchapla, A.
Identification of phenolic acids and inositol in balms and tissues from an Egyptian mummy 767(1997)177
- Mejuto, M.C., see Rodríguez, I. 774(1997)379
- Mejuto, M.C., see Rodríguez, I. 778(1997)279
- Mejuto, M.C., see Rodríguez, I. 786(1997)285
- Melchers, K., see Volz, J. 800(1998)29
- Melis, M., see Cabras, P. 761(1997)327
- Memon, A.A., see Khuhawar, M.Y. 766(1997)159
- Menacherry, S., see Hui, Y.-H. 762(1997)281
- Menagem, E., see Weissenberg, M. 757(1997)89
- Ménard, C., see Lawrence, J.F. 752(1996)147
- Mendoza, C.B., Dixon, S.A., Lods, M.M., Ma, M.G., Nguyen, K.T., Nutt, R.F., Tran, H.S. and Nolan, T.G.
Quantitation of an orally available thrombin inhibitor in rat, monkey and human plasma and in human urine by high-performance liquid chromatography and fluorescent post-column derivatization of arginine 762(1997)299
- Mensah, J.K., Lundanes, E., Greibrokk, T. and Holen, B.
Determination of diflubenzuron in apples by gas chromatography 765(1997)85
- Mentasti, E., see Bruzzoniti, M.C. 770(1997)13
- Mentasti, E., see Bruzzoniti, M.C. 770(1997)51
- Mentasti, E., see Sacchero, G. 799(1998)35
- Mentasti, E., see Sarzanini, C. 789(1997)301
- Mentasti, T., see Bellagamba, F. 791(1997)79
- Merás, I.D., Díaz, T.G., Cáceres, M.I.R. and López, F.S.
Determination of the chemotherapeutic quinolonic and cinolonic derivatives in urine by high-performance liquid chromatography with ultraviolet and fluorescence detection in series 787(1997)119
- Mercati, V., see Raffaelli, A. 777(1997)223
- Mercier, J.-P., Morin, P., Dreux, M. and Tambute, A.
Capillary electrophoresis separation of alkylphosphonic acid monoesters with indirect ultraviolet detection 779(1997)245
- Meringova, L., see Kasper, C. 798(1998)65
- Merino, M.T., Humanes, L., López-Ruiz, A., Diez, J. and Roldán, J.M.
High-performance liquid chromatography quantitation of limonin D-ring lactone hydrolase and limonoate dehydrogenase activities 760(1997)173
- Messana, I., see Castagnola, M. 792(1997)57
- Mester, Z. and Fodor, P.
High-performance liquid chromatography–hydride generation–atomic fluorescence spectroscopic determination of arsenic species in water 756(1996)292
- Mestres, M., Bustó, O. and Guasch, J.
Chromatographic analysis of volatile sulphur compounds in wines using the static headspace technique with flame photometric detection 773(1997)261
- Metting, H.J., see Sacchero, G. 799(1998)35
- Meurer, M., see Altenhöner, U. 769(1997)59
- Meurer, M., Altenhöner, U., Strube, J. and Schmidt-Traub, H.
Dynamic simulation of simulated moving bed chromatographic reactors 769(1997)71
- Meurer, M., see Strube, J. 769(1997)81
- Meybeck, A., see Bonté, F. 791(1997)231
- Meyer, G., see He, C. 776(1997)109
- Meyer, V.R.
Influence of leaks in the liquid chromatographic instrument on analytical results 767(1997)25
- Meyer, V.R.
Example of gradient elution in normal-phase liquid chromatography 768(1997)315
- Meys, M., see Londo, T. 798(1998)73
- Mhatre, R., see Qian, R.L. 787(1997)101
- Michotte, Y., see Boonkerd, S. 756(1996)279
- Mière, C., see Dugay, J. 795(1998)27
- Miggiano, D., see Cavoy, E. 769(1997)49
- Mihajlović, A., Agbaba, D., Živanov-Stakić, D., Ristić, P. and Đordjević, M.
High-performance liquid chromatographic assay of 8-hydroxyquinoline sulfate and its stability in immunobiological preparations 798(1998)173
- Mikšík, I., see Deyl, Z. 796(1998)181
- Mikšík, I., Gabriel, J. and Deyl, Z.
Microemulsion electrokinetic chromatography of diphenylhydrazones of dicarbonyl sugars 772(1997)297
- Mikšík, I., Novotná, J., Uhrová, M., Jelínková, D. and Deyl, Z.
Capillary electrophoresis of large cyanogen bromide peptides of fibre-forming collagens with special reference to cross-linking 772(1997)213
- Milandri, M., see Kümmerer, K. 774(1997)281
- Milani, R., see Conte, E. 765(1997)121
- Milbradt, R., see Bazzanella, A. 792(1997)143
- Miller, D.J., see Bøwadt, S. 785(1997)205
- Miller, D.J., see Yang, Yu. 800(1998)257
- Miller, J., see O'Keefe, P.W. 771(1997)169

- Millot, M.C., Sébille, B. and Mangin, C.
Enantiomeric properties of human albumin immobilized on porous silica supports coated with polymethacryloyl chloride 776(1997)37
- Millot, M.-C., see Taleb, N.L. 776(1997)45
- Mills, K.A., see Platzer, D.J. 793(1998)57
- Mills, M.J., Maltas, J. and Lough, W.J.
Assessment of injection volume limits when using on-column focusing with microbore liquid chromatography 759(1997)1
- Min, B.-R., see Martin, M. 788(1997)121
- Minakuchi, H., see Ishizuka, N. 797(1998)133
- Minakuchi, H., Nakanishi, K., Soga, N., Ishizuka, N. and Tanaka, N.
Effect of skeleton size on the performance of octadecylsilylated continuous porous silica columns in reversed-phase liquid chromatography 762(1997)135
- Minakuchi, H., Nakanishi, K., Soga, N., Ishizuka, N. and Tanaka, N.
Effect of domain size on the performance of octadecylsilylated continuous porous silica columns in reversed-phase liquid chromatography 797(1998)121
- Mincsovics, E., see Kátay, G. 764(1997)103
- Minelli, E.V., see Cabras, P. 761(1997)327
- Minero, C., see Angelino, S. 793(1998)307
- Mingalyov, P.G. and Fadeev, A.Yu.
Comment on the theory of protein adsorption on a biospecific rigid matrix 764(1997)21
- Mingalyov, P.G., Orishchenko, N.V. and Fadeev, A.Yu.
Study of correlations between fine structure of bonded layer and affinity properties of silicas with attached cyclic oligopeptides 777(1997)249
- Minguillón, C., see Franco, P. 791(1997)37
- Minguillón, C., see Franco, P. 793(1998)239
- Minguillón, C., see Franco, P. 796(1998)265
- Mion, L., see Vandenebeele, O. 795(1998)239
- Miracle, M., see Busto, O. 757(1997)311
- Miranda, M.A., see Climent, M.J. 761(1997)341
- Misiti, F., see Castagnola, M. 792(1997)57
- Miszczak, M., see Blądek, J. 754(1996)273
- Mitchell, N.S., Hagel, L. and Fernandez, E.J.
In situ analysis of protein chromatography and column efficiency using magnetic resonance imaging 779(1997)73
- Mitchell, R.C., see Abraham, M.H. 766(1997)35
- Mitchelson, K.R., see Cheng, J. 761(1997)297
- Mitchelson, K.R., see Cheng, J. 771(1997)389
- Mitobe, H., see Tanabe, A. 754(1996)159
- Mitsui, T., see Hida, M. 761(1997)332
- Miura, Y., Saitoh, A. and Koh, T.
Determination of sulfur oxyanions by ion chromatography on a silica ODS column with tetrapropylammonium salt as an ion-pairing reagent 770(1997)157
- Miwa, T., see Takeuchi, T. 755(1996)37
- Miwa, T., see Takeuchi, T. 789(1997)201
- Miyawa, J.H., Alasandro, M.S. and Riley, C.M.
Application of a modified central composite design to optimize the capillary electrochromatographic separation of related S-oxidation compounds 769(1997)145
- Miyazaki, M., see Kanazawa, H. 763(1997)23
- Mizuguchi, T., see Katsuragi, K. 781(1997)307
- Mizuishi, K., Takeuchi, M. and Hobo, T.
Trace analysis of tributyltin and triphenyltin compounds in sea water by gas chromatography-negative ion chemical ionization mass spectrometry 800(1998)267
- Moate, T.F. and Jenkins, J.J.
Gas chromatographic determination of airborne residues of azinphosmethyl and azinphosmethyl-oxon by cool on-column injection 775(1997)307
- Moberg, D.L., see Legendre Jr., B.L. 779(1997)185
- Möder, M., see Popp, P. 774(1997)203
- Moens, L., see De Smaele, T. 793(1998)99
- Mogilevskaya, A.D., see Demin, A.A. 760(1997)105
- Mohammad, A. and Chahar, J.P.S.
Thin-layer chromatographic separation, colorimetric determination and recovery of thiocyanate from photogenic waste, river and sea waters 774(1997)373
- Mohammad, A.A., see Bissell, M.G. 767(1997)217
- Mohammad, A.A., see Valbuena, G.A. 781(1997)467
- Moini, M., see Cao, P. 759(1997)111
- Moini, M., see Pan, M. 787(1997)288
- Mok, C.-S., see Lau, O.-W. 766(1997)270
- Molina, C., see Lacorte, S. 795(1998)13
- Molina, C., see Terreni, M. 754(1996)207
- Mollie, J.-P., see Verhelst, V. 770(1997)337
- Molnár, Á., see Krivácsy, Z. 781(1997)223
- Molnár-Perl, I.
Tryptophan analysis in peptides and proteins, mainly by liquid chromatography 763(1997)1
- Molnár-Perl, I. and Bozor, I.
Comparison of the stability and UV and fluorescence characteristics of the *o*-phthalidialdehyde/3-mercaptopropionic acid and *o*-phthalidialdehyde/N-acetyl-L-cysteine reagents and those of their amino acid derivatives 798(1998)37
- Moltó, J.C., see Valor, I. 767(1997)195
- Moltó, J.C., see Viana, E. 754(1996)437
- Momchilova, Sv., Nikolova-Damyanova, B. and Christie, W.W.
Silver ion high-performance liquid chromatography of isomeric *cis*- and *trans*-octadecenoic acids. Effect of the ester moiety and mobile phase composition 793(1998)275
- Monaco, H.L., see De Lorenzi, E. 790(1997)47
- Monaghan, J.M., Cook, K., Gara, D. and Crowther, D.
Determination of nitrite and nitrate in human serum 770(1997)143
- Moneti, G., see Raffaelli, A. 777(1997)223
- Montalbetti, L., see Rizzo, V. 798(1998)103
- Montesinos, R.M., see López, Z.K. 791(1997)99
- Montgomery, R.M., see Nair, L.M. 789(1997)127
- Montgomery, R.M., see Saari-Nordhaus, R. 782(1997)69
- Montijano, H., Borrego, F., Canales, I. and Tomás-Barberán, F.A.
Validated high-performance liquid chromatographic method for quantitation of neohesperidine dihydro-chalcone in foodstuffs 758(1997)163
- Montoya, A., see Jiménez-Carmona, M.M. 785(1997)329
- Moon, M.H., see Martin, M. 788(1997)121
- Moore, J.M., see Casale, J.F. 756(1996)185

- Moore, J.M., Casale, J.F. and Cooper, D.A.
Comparative determination of total isomeric truxillines in illicit, refined, South American cocaine hydrochloride using capillary gas chromatography-electron capture detection 756(1996)193
- Moore, J.M., see Tani, T.H. 786(1997)99
- Moorman, R., see Wang, I.-H. 766(1997)277
- Moraglio, G., see Baggiani, C. 786(1997)23
- Moral, O., see Nozal, M.^aJ. 778(1997)347
- Morali, G., see Conte, E. 765(1997)121
- Moratti, R., see Rizzo, V. 798(1998)103
- Mörbel, H., see Bazzanella, A. 792(1997)143
- Morbidielli, M., see Francotte, E. 796(1998)239
- Morbidielli, M., see Mazzotti, M. 769(1997)3
- Morbidielli, M., see Mazzotti, M. 786(1997)309
- Moreno Cordero, B., see García Sánchez, M. 766(1997)61
- Moretti, P., see Vezzani, S. 767(1997)115
- Moretti, V.M., see Bellagamba, F. 791(1997)79
- Morgan, D.G., Harbol, K.L. and Kittrinos, Jr, N.P.
Optimization of a supercritical fluid chromatograph-atmospheric pressure chemical ionization mass spectrometer interface using an ion trap and two quadrupole mass spectrometers 800(1998)39
- Morgan, E.D., see Johnson, S. 761(1997)53
- Morgan, E.D., see Wilson, I.D. 799(1998)333
- Morgillo, S., see Ferrari, R. 795(1998)371
- Mori, G., see Bocchi, C. 753(1996)157
- Mori, Y., Ueno, K. and Umeda, T.
Enantiomeric separations of primary amino compounds by non-aqueous capillary zone electrophoresis with a chiral crown ether 757(1997)328
- Morin, P., see Maman, O. 755(1996)89
- Morin, Ph., Archambault, J.C., André, P., Dreux, M. and Gaydou, E.
Separation of hydroxylated and methoxylated flavonoids by micellar electrokinetic capillary chromatography.
Determination of analyte partition coefficients between aqueous and sodium dodecyl sulfate micellar phases 791(1997)289
- Morin, Ph., Bellessort, D., Dreux, M., Troin, Y. and Gelas, J.
Chiral resolution of functionalized piperidine enantiomers by capillary electrophoresis with native, alkylated and anionic β-cyclodextrins 796(1998)375
- Morin, Ph., see Mercier, J.-P. 779(1997)245
- Morishima, Y., see Gao, J.Y. 766(1997)233
- Morishita, F., see Yaku, K. 773(1997)277
- Morishita, F., see Yaku, K. 785(1997)185
- Morita, H., see Ono, S. 752(1996)287
- Morita, S., see Okutani, T. 788(1997)113
- Moritz, R.L., Ritter, G., Catimel, B., Cohen, L.S., Welt, S., Old, L.J., Burgess, A.W., Nice, E.C. and Simpson, R.J.
Micro-sequencing strategies for the human A33 antigen, a novel surface glycoprotein of human gastrointestinal epithelium 798(1998)91
- Moritz, T., see Wingsle, G. 782(1997)95
- Moriyama, H., Yamasaki, H., Masumoto, S., Adachi, K., Katsura, N. and Onimaru, T.
Rapid determination of vitamins A and E in serum with surfactant as a diluent by column-switching high-performance liquid chromatography 798(1998)125
- Morkevičienė, M., see Liesienė, J. 764(1997)27
- Morley, J., Elrod Jr., L., Linton, C., Shaffer, D. and Krogh, K.S.
Determination of residual amines used in bulk drug synthesis by pre-column derivatization with 3,5-dinitrobenzoyl chloride and high-performance liquid chromatography 766(1997)77
- Morlock, G.E.
Analysis of pesticide residues in drinking water by planar chromatography 754(1996)423
- Morovján, G., Csokán, P., Makrankszki, L., Abdellah-Nagy, E.A. and Tóth, K.
Determination of fenbendazole, praziquantel and pyrantel pamoate in dog plasma by high-performance liquid chromatography 797(1998)237
- Morovján, G., Szakács, G. and Fekete, J.
Monitoring of selected metabolites and biotransformation products from fermentation broths by high-performance liquid chromatography 763(1997)165
- Moroz, E.M., see Zheivot, V.I. 786(1997)117
- Morris, J., see Griffith, C.M. 776(1997)179
- Morris, V.M., Hargreaves, C., Overall, K., Marriott, P.J. and Hughes, J.G.
Optimization of the capillary electrophoresis separation of ranitidine and related compounds 766(1997)245
- Morris, V.M., Hughes, J.G. and Marriott, P.J.
Examination of a new chromatographic function, based on an exponential resolution term, for use in optimization strategies: application to capillary gas chromatography separation of phenols 755(1996)235
- Morrissey, K., see Creasy, W.R. 774(1997)253
- Mortreuil, P., see Cottier, S. 771(1997)366
- Mosbach, K., see Ansell, R.J. 787(1997)55
- Mosbach, K., see Gustavsson, P.-E. 776(1997)197
- Moschonas, N. and Glavas, S.
Effect of addition of a graphitized carbon black trap to a glass beads trap on the cryoconcentration of some non-methane hydrocarbons in ambient air 790(1997)117
- Mosher, R.A., see Steinmann, L. 756(1996)219
- Moshnikov, S.A., see Danilov, A.V. 773(1997)103
- Motellier, S., Gurdale, K. and Pitsch, H.
Sulfur speciation by capillary electrophoresis with indirect spectrophotometric detection: In search of a suitable carrier electrolyte to maximize sensitivity 770(1997)311
- Motohase, Y., see Oguri, S. 787(1997)253
- Motohashi, N., Nagashima, H., Párkányi, C., Subrahmanyam, B. and Zhang, G.-w.
Official multiresidue methods of pesticide analysis in vegetables, fruits and soil (Review) 754(1996)333
- Motsegood, P.N., see Whited, B.L. 771(1997)89
- Mou, S., see Lu, H. 800(1998)247
- Mou, S.-f., see Chen, Q.-c. 771(1997)135
- Mou, S.-F., see Chen, Q.-C. 789(1997)403
- Mouly, P., Gaydou, E.M. and Auffray, A.
Simultaneous separation of flavanone glycosides and polymethoxylated flavones in citrus juices using liquid chromatography 800(1998)171
- Mounts, T.L., see Abidi, S.L. 773(1997)93
- Mounts, T.L., see Abidi, S.L. 782(1997)25
- Mourey, T.H., see Rao, B. 755(1996)27

- Moutounet, M., see Fulcrand, H. 752(1996)85
- Moyano, E., see Jáuregui, O. 787(1997)79
- Moyano, E., McCullagh, M., Galceran, M.T. and Games, D.E. Supercritical fluid chromatography-atmospheric pressure chemical ionisation mass spectrometry for the analysis of hydroxy polycyclic aromatic hydrocarbons 777(1997)167
- Moyano, E., see Pais, P. 775(1997)125
- Moyano, E., see Pais, P. 778(1997)207
- Much, H., see Czichocki, G. 791(1997)350
- Mudasir, Arai, M., Yoshioka, N. and Inoue, H. Reversed-phase high-performance liquid chromatography of iron(II) and copper(II) chelates with 4,7-diphenyl-1,10-phenanthroline disulfonate 799(1998)171
- Muddiman, D.C., Huang, B.M., Anderson, G.A., Rockwood, A., Hofstadler, S.A., Weir-Lipton, M.S., Proctor, A., Wu, Q. and Smith, R.D. Application of sequential paired covariance to liquid chromatography-mass spectrometry data. Enhancements in both the signal-to-noise ratio and the resolution of analyte peaks in the chromatogram 771(1997)1
- Muijselaar, P.G. Retention indices in micellar electrokinetic chromatography 780(1997)117
- Muijselaar, P.G., Claessens, H.A. and Cramers, C.A. Migration behaviour of micelle counterions in micellar electrokinetic chromatography: influence on micelle mobility, efficiency and selectivity 764(1997)127
- Muijselaar, P.G., Claessens, H.A. and Cramers, C.A. Migration behaviour of monovalent weak acids in micellar electrokinetic chromatography. mobility model versus retention model 765(1997)295
- Muijselaar, P.G., Otsuka, K. and Terabe, S. Micelles as pseudo-stationary phases in micellar electrokinetic chromatography 780(1997)41
- Muijselaar, P.G., Van Straten, M.A., Claessens, H.A. and Cramers, C.A. Determination of diffusion coefficients and separation numbers in micellar electrokinetic chromatography 766(1997)187
- Muijselaar, P.G., Verhelst, H.B., Claessens, H.A. and Cramers, C.A. Separation of hydrophobic compounds by electrokinetic chromatography with tetraalkylammonium ions 764(1997)323
- Mukai, T., see Horie, H. 758(1997)332
- Mukherjee, I. and Gopal, M. Chromatographic techniques in the analysis of organochlorine pesticide residues (Review) 754(1996)33
- Mulholland, M. and Hibbert, D.B. Linearity and the limitations of least squares calibration 762(1997)73
- Mulholland, M., see Hutabarat, L.S. 795(1998)377
- Mulkerrin, M., see Jacobson, F.S. 763(1997)31
- Müller, B., see Van Wickern, B. 786(1997)57
- Müller, I., see He, C. 776(1997)109
- Müller, L., Fattore, E. and Benfenati, E. Determination of aromatic amines by solid-phase microextraction and gas chromatography-mass spectrometry in water samples 791(1997)221
- Müller, L., see Ferrari, R. 795(1998)371
- Müller, L., see Oehme, M. 775(1997)275
- Müller, P.K., see Açıł, Y. 758(1997)313
- Mullin, J., see Wang, Z. 775(1997)251
- Mulugeta, E., Carnò, S., Becker, S., Hagman, A. and Mascher, E. Rapid reversed-phase high-performance liquid chromatography method for quantitation, at high pH, of the recombinant apolipo-protein A-IMilano in *Escherichia coli* fermentation broth 798(1998)83
- Mumford, C., see Levison, P.R. 760(1997)151
- Munaf, E., see Takeuchi, T. 755(1996)37
- Muramatsu, T., see Jinno, K. 754(1996)137
- Murata, H., see Oka, H. 791(1997)53
- Murayama, K., see Kurosu, Y. 752(1996)279
- Murayama, K., see Kurosu, Y. 771(1997)311
- Murdy, E.J., see Barden, T.J. 785(1997)251
- Murphy, D.M., see Tiller, P.R. 794(1998)15
- Murray, A., Sekowski, M., Spencer, D.I.R., Denton, G. and Price, M.R. Purification of monoclonal antibodies by epitope and mimotope affinity chromatography 782(1997)49
- Muschik, G.M., see Janini, G.M. 792(1997)125
- Musci, M., see Careri, M. 794(1998)253
- Musci, M., see Careri, M. 794(1998)263
- Mussche, P., see Pham Tuan, H. 791(1997)187
- Mustaeva, L.G., see Danilov, A.V. 773(1997)103
- Muth, J., see Piggee, C.A. 781(1997)367
- Mutti, D., see Sicbaldi, F. 765(1997)13
- Myers, K.R., see Hagen, S.R. 767(1997)53
- Myers, P., see Heaton, D.M. 753(1996)306
- Myers, P., see Lord, G.A. 768(1997)9
- Myers, P., see Zimina, T.M. 758(1997)191
- Myung, S.-W., Huh, S., Kim, J., Kim, Y., Kim, M., Kim, Y., Kim, W. and Kim, B. Gas chromatographic-mass spectrometric analysis of mercaptan odorants in liquefied petroleum gas and liquefied natural gas 791(1997)367

N

- Na, M.S., see Ho Hyun, M. 752(1996)77
- Nachtigall, D., Artelt, S. and Wünsch, G. Speciation of platinum-chloro complexes and their hydrolysis products by ion chromatography. Determination of platinum oxidation states 775(1997)197
- Nackerdien, Z.E., see Siles, B.A. 771(1997)319
- Nagai, S., see Watanabe, T. 793(1998)409
- Nagase, M., see Yasuhara, A. 774(1997)321
- Nagashima, H., see Motohashi, N. 754(1996)333
- Nagashima, H., see Okamoto, T. 800(1998)239
- Nagashima, M., see Takahashi, M. 775(1997)137

- Nagashima, T., see Katsuragi, K. 781(1997)307
 Nagatsuka, T., see Kanazawa, H. 763(1997)23
 Naglič, M. and Šmidovnik, A.
 Use of capillary gas chromatography for determining the hydrogenation level of edible oils 767(1997)335
 Nagpal, M.L., see Wunschel, D.S. 776(1997)205
 Naidu, R., see Baskaran, S. 787(1997)271
 Nair, L.M., see Saari-Nordhaus, R. 782(1997)69
 Nair, L.M., Saari-Nordhaus, R. and Montgomery, R.M.
 Applications of a new methacrylate-based anion stationary phase for the separation of inorganic anions 789(1997)127
 Nakagawa, K., see Tanaka, N. 781(1997)139
 Nakai, H., see Machida, Y. 757(1997)73
 Nakai, H., see Nishi, H. 757(1997)225
 Nakamura, H., see Ishimura, K. 769(1997)209
 Nakamura, K., see Machida, Y. 757(1997)73
 Nakamura, K., see Nishi, H. 757(1997)225
 Nakamura, S., Hashimoto, H. and Akiba, K.
 Enrichment separation of rare earth elements by high-speed countercurrent chromatography in a multilayer coiled column 789(1997)381
 Nakanishi, K., see Ishizuka, N. 797(1998)133
 Nakanishi, K., see Minakuchi, H. 762(1997)135
 Nakanishi, K., see Minakuchi, H. 797(1998)121
 Nakashima, K., see Kuroda, N. 798(1998)325
 Nakasugi, O., see Yasuhara, A. 774(1997)321
 Nakazato, K., see Ericson, C. 767(1997)33
 Nakazato, K., see Zeng, C.-M. 753(1996)227
 Nakazawa, H., see Watanabe, T. 796(1998)397
 Narang, P. and Colón, L.A.
 Sol-gel-derived fluorinated stationary phase for open tubular electrochromatography 773(1997)65
 Nardillo, A.M., see Gonzalez, F.R. 757(1997)97
 Nardillo, A.M., see Gonzalez, F.R. 757(1997)109
 Nardillo, A.M., see Gonzalez, F.R. 766(1997)147
 Nardillo, A.M., see Gonzalez, F.R. 779(1997)263
 Nardo, C., see Bryant, M.S. 777(1997)61
 Narsimha, R., see Husain, S. 777(1997)370
 Nasal, A., see Abraham, M.H. 766(1997)35
 Nascimento, R.F., Marques, J.C., Lima Neto, B.S., De Keukeleire, D. and Franco, D.W.
 Qualitative and quantitative high-performance liquid chromatographic analysis of aldehydes in Brazilian sugar cane spirits and other distilled alcoholic beverages 782(1997)13
 Nash, D.C. and Chase, H.A.
 Modification of polystyrenic matrices for the purification of proteins. II. Effect of the degree of glutaraldehyde-poly(vinyl alcohol) crosslinking on various dye ligand chromatography systems 776(1997)55
 Nash, D.C. and Chase, H.A.
 Modification of polystyrenic matrices for the purification of proteins. III. Effects of poly(vinyl alcohol) modification on the characteristics of protein adsorption on conventional and perfusion polystyrenic matrices 776(1997)65
 Nash, D.C., see McCreathe, G.E. 773(1997)73
 Nash, D.C., McCreathe, G.E. and Chase, H.A.
 Modification of polystyrenic matrices for the purification of proteins. Effect of the adsorption of poly(vinyl alcohol) on the characteristics of poly(styrene-divinylbenzene) beads for use in affinity chromatography 758(1997)53
 Nasuto, R., Kwietniewski, L. and Rózylo, J.K.
 Relationship between stationary and mobile phase composition and its influence on retention factors of aromatic hydrocarbons in reversed-phase high-performance liquid chromatography 762(1997)27
 Natishan, T.K. and Wu, Y.
 Residual solvents determination in the antibiotic L-749,345 by static headspace gas chromatography 800(1998)275
 Navarro, A., Caruel, H., Rigal, L. and Phemius, P.
 Continuous chromatographic separation process: simulated moving bed allowing simultaneous withdrawal of three fractions 770(1997)39
 Navarro-González, R., see Basiuk, V.A. 776(1997)255
 Navarro-Villoslada, F., see Rodríguez-Plasencia, F.J. 760(1997)314
 Nawrocki, J.
 The silanol group and its role in liquid chromatography 779(1997)29
 Nawrocki, J., Andrzejewski, P., Kronberg, L. and Jeleń, H.
 New derivatization method for determination of 3-chloro-4(dichloromethyl)-5-hydroxy-2(5H)-furanone in water 790(1997)242
 Ndagiijimana, M., see Trifirò, A. 770(1997)243
 Nedelkov, D. and Bieber, A.L.
 Detection of isoforms and isomers of rattlesnake myotoxins by capillary electrophoresis and matrix-assisted laser desorption time-of-flight mass spectrometry 781(1997)429
 Neeser, J.-R., see Cherkaoui, S. 790(1997)195
 Negishi, O. and Ozawa, T.
 Determination of hydroxycinnamic acids, hydroxybenzoic acids, hydroxybenzaldehydes, hydroxybenzyl alcohols and their glucosides by high-performance liquid chromatography 756(1996)129
 Negura, S., see Schurig, V. 755(1996)299
 Neilson, A.H., see Hynning, P.-. 774(1997)311
 Neitzel, P., see Ludwig, U. 763(1997)315
 Nelis, H.J., see Huo, J.-Z. 782(1997)63
 Nelson, B.C., see Da Costa, C.T. 799(1998)321
 Nelson, B.C., see Dalluge, J.J. 793(1998)265
 Nelson, B.C., Uden, P.C., Rockwell, G.F., Gorski, K.M. and Aguilera, Z.B.
 Determination of oxalate in parenteral nutrition solutions by capillary electrophoresis 771(1997)285
 Nembri, F., see Righetti, P.G. 772(1997)203
 Németh-Kiss, V., Forgács, E. and Cserháti, T.
 Anomalous retention behaviour of peptides on porous graphitized carbon column 776(1997)147
 Nerín, C., Batlle, R. and Cacho, J.
 Determination of pesticides in high-water-content samples by off-line supercritical fluid extraction-gas chromatography-electron-capture detection 795(1998)117
 Nerín, C., see Zufiaurre, R. 779(1997)299
 Nerrie, M., see Catimel, B. 776(1997)15
 Nertz, M., see Nouadje, G. 765(1997)337
 Nertz, M., see Zuriguel, V. 781(1997)233

- Nesterenko, P.N., see Elefterov, A.I. 769(1997)179
- Nesterenko, P.N. and Jones, P.
Single-column method of chelation ion chromatography for the analysis of trace metals in complex samples 770(1997)129
- Nesterenko, P.N., see Jones, P. 789(1997)413
- Nesterov, V.P., see Oshurkova, O.V. 752(1996)251
- Nestler, W., see Ludwig, U. 763(1997)315
- Netopilík, M.
Effect of local polydispersity in size exclusion chromatography with dual detection 793(1997)21
- Neubert, R., see Wolf, R. 766(1997)71
- Neubert, R.H.H., see Schwarz, M.A. 781(1997)377
- Newton, J.F., see Tiller, P.R. 771(1997)119
- Nguyen, A.-L., see Hilmi, A. 761(1997)259
- Nguyen, A.L., see Luong, J.H.T. 792(1997)431
- Nguyen, K.T., see Mendoza, C.B. 762(1997)299
- Ni, Z.-m., see Chen, Q.-c. 771(1997)135
- Ni, Z.-M., see Chen, Q.-C. 789(1997)403
- Nice, E.C., see Catimel, B. 776(1997)15
- Nice, E.C., see Moritz, R.L. 798(1998)91
- Nicoletti, I., see Corradini, C. 791(1997)343
- Nie, L., see Chen, K. 753(1996)171
- Niederreiter, K.S., see Uray, G. 799(1998)67
- Niegrelisz, Z., see Tolokán, A. 771(1997)35
- Niessen, W.M.A.
Advances in instrumentation in liquid chromatography–mass spectrometry and related liquid-introduction techniques 794(1998)407
- Niessen, W.M.A., see Hogenboom, A.C. 777(1997)81
- Niessen, W.M.A., see Hogenboom, A.C. 794(1998)201
- Niewiadomy, A., Žabińska, A., Matysiak, J. and Różyło, J.K.
Influence of modifier and molecular structure of some dihydroxythiobenzanilides on retention in reversed-phase high-performance thin-layer chromatography 791(1997)237
- Nikitin, Yu.S., see Lanin, S.N. 797(1998)3
- Nikolic, D., see van Breemen, R.B. 794(1998)245
- Nikolova-Damyanova, B., see Momchilova, Sv. 793(1998)275
- Nilsson, A., see Petersson, M. 769(1997)301
- Nilsson, C.L., Brodin, E. and Ekman, R.
Substance P and related peptides in porcine cortex: whole tissue and nuclear localization 800(1998)21
- Nilsson, K., see Gustavsson, P.-E. 776(1997)197
- Nilsson, S., see Petersson, M. 769(1997)301
- Nilsson, S., see Schweitz, L. 792(1997)401
- Nilsson, T., see Ferrari, R. 795(1998)371
- Nilvé, G., see Knutsson, M. 754(1996)197
- Ninci, F., see Scarpi, C. 796(1998)319
- Ning, J., Kong, F., Li, D. and Du, Y.
Preparation of monodisperse agglomerated pellicular anion-exchange resins compatible with high-performance liquid chromatography solvents for ion chromatography 793(1998)193
- Nishi, H.
Pharmaceutical applications of micelles in chromatography and electrophoresis 780(1997)243
- Nishi, H.
Enantioselectivity in chiral capillary electrophoresis with polysaccharides 792(1997)327
- Nishi, H., see Machida, Y. 757(1997)73
- Nishi, H., Nakamura, K., Nakai, H. and Sato, T.
Separation of enantiomers and isomers of amino compounds by capillary electrophoresis and high-performance liquid chromatography utilizing crown ethers 757(1997)225
- Nishijima, M., see Takahashi, M. 775(1997)137
- Nishikawa, M., see Yasuhara, A. 774(1997)321
- Nishikawa, T., Hayashi, Y., Suzuki, S., Kubo, H. and Ohtani, H.
On-column enantiomerization of 3-hydroxybenzodiazepines during chiral liquid chromatography with optical rotation detection 767(1997)93
- Nishikawa, T., Hayashi, Y., Suzuki, S., Kubo, H. and Ohtani, H.
Erratum to “On-column enantiomerization of 3-hydroxybenzodiazepines during chiral liquid chromatography with optical rotation detection”. [J. Chromatogr. A, 767 (1997) 93–100] 782(1997)296
- Nishimura, M., see Ando, K. 789(1997)43
- Nishimura, N., see Yaku, K. 773(1997)277
- Nishimura, N., see Yaku, K. 785(1997)185
- Nitowski, A.A., see Nitowski, A.J. 781(1997)541
- Nitowski, A.J., Nitowski, A.A., Lent, J.A., Bairley, D.W. and Van Valkenburg, D.
Capillary electrophoresis as a routine industrial tool for quantitative analytical testing. Determination of sodium dimethyldithiocarbamate in effluents 781(1997)541
- Nittler, M.P., Desai, R.A., Salikof, D.A., Kurtin, W.E. and Bushey, M.M.
Bile salt micellar electrokinetic chromatography of bilirubin and related compounds 779(1997)205
- Niwa, H., Yasui, T., Yuchi, A., Yamada, H. and Wada, H.
Use of 2-quinolylazo compounds for the reversed-phase high-performance liquid chromatographic separation of metal ions 789(1997)491
- Noblet, J.A., see Capangpangan, M.B. 753(1996)279
- Noij, Th.H.M., see Vreeken, R.J. 794(1998)187
- Nolan, T.G., see Mendoza, C.B. 762(1997)299
- Nolkranz, K., see Hogenboom, A.C. 759(1997)55
- Noll, R.J., Zorn, M.E., Mathew, J. and Sonzogni, W.C.
Interfering contaminants in carbon dioxide solvent used in the supercritical fluid extraction of polychlorinated biphenyls 799(1998)259
- Noll, R.J., Zorn, M.E. and Sonzogni, W.C.
Negative chromatographic peaks with oxygen doped electron capture detection of polychlorinated biphenyls 775(1997)368
- Noma, Y., see Yasuhara, A. 774(1997)321
- Nomeir, A.A., see Bryant, M.S. 777(1997)61
- Nomura, R., see Kuroda, N. 798(1998)325
- Nordin, J., Wikström, I., Bronner, U., Gustafsson, L.L. and Ericsson, Ö.
Liquid chromatography–tandem mass spectrometry applied to a study of the metabolism of pentamidine. Discussion of possibilities and problems 777(1997)73
- Nordström, A.-C., see Olsson, J.C. 755(1996)289
- Normanly, J., see Tam, Y.Y. 800(1998)101

- Nouadje, G., Siméon, N., Dedieu, F., Nertz, M., Puig, P. and Couderc, F.
Determination of twenty eight biogenic amines and amino acids during wine aging by micellar electrokinetic chromatography and laser-induced fluorescence detection 765(1997)337
- Nouadje, G., see Zuriguel, V. 781(1997)233
- Novella-Rodríguez, S., see Albalá-Hurtado, S. 778(1997)243
- Novič, M., Lečník, B., Hudník, V. and Pihlar, B.
Carbonate interferences by ion chromatographic determination of anions in mineral waters 764(1997)249
- Novotná, J., see Deyl, Z. 796(1998)181
- Novotná, J., see Mikšík, I. 772(1997)213
- Novotny, M.V., see Chmelík, J. 790(1997)93
- Novotny, M.V., see Plocek, J. 757(1997)215
- Nowack, B.
Determination of phosphonates in natural waters by ion-pair high-performance liquid chromatography 773(1997)139
- Nowakowska, J., see Zarzycki, P.K. 787(1997)227
- Nowakowski, R., Bielejewska, A., Duszczyk, K. and Sybilska, D.
Chiral discrimination by high-performance liquid chromatography with joint use of two cyclodextrin additives 782(1997)1
- Nozal, M^a.J., see Bernal, J.L. 778(1997)321
- Nozal, M^a.J., Bernal, J.L., Toribio, L., Marinero, P., Moral, O., Manzanas, L. and Rodriguez, E.
Determination of glutathione, cysteine and N-acetylcysteine in rabbit eye tissues using high-performance liquid chromatography and post-column derivatization with 5,5'-dithiobis(2-nitrobenzoic acid) 778(1997)347
- Nunes, G.S., Ribeiro, M.L., Polese, L. and Barceló, D.
Comparison of different clean-up procedures for the determination of N-methylcarbamate insecticides in vegetable matrices by high-performance liquid chromatography with UV detection 795(1998)43
- Nurok, D., see Frost, M.C. 788(1997)207
- Nutt, R.F., see Mendoza, C.B. 762(1997)299
- Nuyten, P., see Vander Heyden, Y. 756(1996)89
- Nuzillard, J.-M., see Spraul, M. 766(1997)255
- Nyberg, F., see Silberring, J. 777(1997)41
- Nyholm, L., see Wallenborg, S.R. 785(1997)121
- Nyholm, L.M., Sjöberg, P.J.R. and Markides, K.E.
High-temperature open tubular liquid chromatography coupled to atmospheric pressure chemical ionisation mass spectrometry 755(1996)153
- Næss, Ø. and Rasmussen, K.E.
Micellar electrokinetic chromatography of charged and neutral drugs in acidic running buffers containing a zwitterionic surfactant, sulfonic acids or sodium dodecyl sulphate. Separation of heroin, basic by-products and adulterants 760(1997)245
- Nyström, A. and Karlsson, A.
Enantiomeric resolution on Chiral-AGP with the aid of experimental design. Unusual effects of mobile phase pH and column temperature 763(1997)105
- Nyudo, M., see Tanaka, H. 762(1997)89

O

- Obi, H., see Sato, M. 789(1997)361
- O'Conner, S.R., see Ratto, J.J. 763(1997)337
- Oda, Y., see Hayase, S. 768(1997)295
- Oehme, M., Müller, L. and Karlsson, H.
High-resolution gas chromatographic test for the characterisation of enantioselective separation of organochlorine compounds. Application to *tert*-butyldimethylsilyl β-cyclodextrin 775(1997)275
- Oertel, R., Richter, K., Gramatté, T. and Kirch, W.
Determination of drugs in biological fluids by high-performance liquid chromatography with on-line sample processing 797(1998)203
- Oestreich, M., see Philipsen, H.J.A. 775(1997)157
- Ogawa, H., see Yanagida, K. 800(1998)187
- Ogawa, T., see Song, J.M. 765(1997)315
- Oguri, S., Watanabe, S. and Abe, S.
Determination of histamine and some other amines by high-performance capillary electrophoresis with on-line mode in-capillary derivatization 790(1997)177
- Oguri, S., Yokoi, K. and Motohase, Y.
Determination of amino acids by high-performance capillary electrophoresis with on-line mode in-capillary derivatization 787(1997)253
- Oh-Shin, Y.-S., Ko, M. and Shin, H.-S.
Simultaneous quantification of insecticides including carbaryl in drinking water by gas chromatography using dual electron-capture and nitrogen-phosphorus detection 769(1997)285
- Ohara, M., see Horimai, T. 760(1997)235
- Ohira, M., see Tanaka, H. 762(1997)89
- Ohkubo, A., Kanda, T., Ohtsu, Y. and Yamaguchi, M.
Synthesis and characterization of a strong cation exchanger based on polymer-coated silica for high-performance liquid chromatography 779(1997)113
- Ohlson, S., Bergström, M., Pahlsson, P. and Lundblad, A.
Use of monoclonal antibodies for weak affinity chromatography 758(1997)199
- Ohta, K., Sando, M., Tanaka, K. and Haddad, P.R.
Simultaneous determination of common mono- and divalent cations by ion chromatography with an unmodified silica gel column 752(1996)167
- Ohta, K., see Tanaka, K. 770(1997)211
- Ohta, K., Tanaka, K. and Haddad, P.R.
Ion-exclusion chromatography of benzenecarboxylic acids on an unmodified silica-gel column 782(1997)33
- Ohta, K., Tanaka, K., Paull, B. and Haddad, P.R.
Retention behavior of alkali, alkaline earth and transition metal cations in ion chromatography with an unmodified silica gel column 770(1997)219
- Ohta, T., see Ishimura, K. 769(1997)209
- Ohtani, H., see Hida, M. 761(1997)332
- Ohtani, H., see Nishikawa, T. 767(1997)93

- Ohtani, H., see Nishikawa, T. 782(1997)296
- Ohtsu, Y., see Ohkubo, A. 779(1997)113
- Ohwaki, M., Fujii, Y. and Hasegawa, M.
Flow-rate dependence of the height equivalent to a theoretical plate in nitrogen isotope separation by displacement chromatography 793(1998)223
- Oka, H., Iwaya, M., Harada, K.-i., Murata, H., Suzuki, M., Ikai, Y., Hayakawa, J. and Ito, Y.
Effect of foaming power and foam stability on continuous concentration with foam counter-current chromatography 791(1997)53
- Okada, T.
Nonaqueous anion-exchange chromatography. I. Role of solvation in anion-exchange resin 758(1997)19
- Okada, T.
Nonaqueous anion-exchange chromatography. II. Changing anion-exchange selectivity by resin surface complex formation of crown ethers 758(1997)29
- Okada, T.
Non-aqueous capillary electrophoretic separation of Brønsted acids as heteroconjugated anions 771(1997)275
- Okada, T.
Micellar chromatography of inorganic compounds 780(1997)343
- Okada, T.
Chromatographic ion-exchange and change-partner reactions. New mechanisms concerning ion-ion interactions of inorganic compounds in Sephadex G-15 columns 789(1997)21
- Okada, T.
Ultrasonic effects on ion-exchange chromatographic retention 793(1998)365
- Okamoto, T., Isozaki, A. and Nagashima, H.
Studies on elution conditions for the determination of anions by suppressed ion-interaction chromatography using a graphitized carbon column 800(1998)239
- Okamoto, Y., see Chankvetadze, B. 773(1997)331
- Okamoto, Y., see Chankvetadze, B. 787(1997)67
- O'Keefe, D.O.
Process clearance of dithiothreitol monitored by reversed-phase high-performance liquid chromatography with fluorescence detection. Assay development and validation 775(1997)151
- O'Keefe, P.W., Miller, J., Smith, R., Connor, S., Clayton, W. and Storm, R.
Separation of extracts from biological tissues into polycyclic aromatic hydrocarbon, polychlorinated biphenyl and polychlorinated dibenzo-*p*-dioxin/polychlorinated dibenzofuran fractions prior to analysis 771(1997)169
- O'Kennedy, R., see Bogan, D.P. 772(1997)321
- Okorodudu, A.O., see Bissell, M.G. 767(1997)217
- Okorodudu, A.O., see Valbuena, G.A. 781(1997)467
- Okruszek, A., see Kotyński, A. 773(1997)285
- Okuda, Y., see Yokoyama, T. 755(1996)43
- Okumura, T., see Yasuhara, A. 774(1997)321
- Okutani, T., Tsukada, Y., Sakuragawa, A., Yamaji, T. and Morita, S.
Multi-element trace analysis by reversed-phase high-performance liquid chromatography followed by on-line column enrichment as 2-(5-nitro-2-pyridylazo)-5-[N-propyl-N-(3-sulphopropyl)amino] phenol chelates 788(1997)113
- Old, L.J., see Catimel, B. 776(1997)15
- Old, L.J., see Moritz, R.L. 798(1998)91
- Oldenburg, K.E., Xi, X. and Sweedler, J.V.
High resolution multichannel fluorescence detection for capillary electrophoresis. Application to multicomponent analysis 788(1997)173
- Olesiak, M., see Kotyński, A. 773(1997)285
- Olesik, S.V., see Yuan, H. 764(1997)265
- Olesik, S.V., see Yuan, H. 785(1997)35
- Oliás, J.M., see Chaves, N. 799(1998)111
- Olie, K., see Rozemeijer, M.J.C. 755(1996)57
- Olie, K., see Rozemeijer, M.J.C. 761(1997)219
- Olivero, J., see Payares, P. 771(1997)213
- Oliveros, L., see Franco, P. 791(1997)37
- Oliveros, L., see Franco, P. 793(1998)239
- Oliveros, L., see Franco, P. 796(1998)265
- Olmo, A.S., see de Barreda Jr., D.G. 795(1998)125
- Olšauskaitė, V., see Padarauskas, A. 800(1998)369
- Olsen, B.A. and Argentine, M.D.
Investigation of response factor ruggedness for the determination of drug impurities using high-performance liquid chromatography with ultraviolet detection 762(1997)227
- Olsen, K., see Bakalyar, S.R. 762(1997)167
- Olsen, O.L., see Petersen, P.V. 757(1997)65
- Olson, C.V., see Reifsnyder, D.H. 753(1996)73
- Ollsson, J.C., Andersson, P.E., Karlberg, B. and Nordström, A.-C.
Determination of plant indoles by capillary electrophoresis with amperometric detection 755(1996)289
- Ollsson, J.C., Dyremark, A. and Karlberg, B.
Determination of heterocyclic aromatic amines by micellar electrokinetic chromatography with amperometric detection 765(1997)329
- Omichi, K., see Yanagida, K. 800(1998)187
- Omil, M.M., see Leão, J.M. 798(1998)131
- Ondi, S., see Ary, K. 797(1998)221
- Ondi, S., see Róna, K. 797(1998)265
- Ong, C.N., see Lee, B.L. 763(1997)221
- Ong, H.Y., see Lee, B.L. 763(1997)221
- Onimaru, T., see Moriyyama, H. 798(1998)125
- Önnerfjord, P., Eremin, S.A., Emnéus, J. and Marko-Varga, G.
High sample throughput flow immunoassay utilising restricted access columns for the separation of bound and free label 800(1998)219
- Ono, I., see Iwase, H. 771(1997)127
- Ono, S., Inoue, Y., Watanabe, N., Yoshimura, T., Morita, H., Shiroishi, A., Takakura, M. and Shimasaki, C.
pH-Dependent elution behaviour of meleme in high-performance cation-exchange chromatography 752(1996)287
- Ono, Y., see Yasuhara, A. 774(1997)321
- Onor, M., see Betti, M. 779(1997)147
- Onuska, F.I., see Kaniansky, D. 772(1997)327

- Oosterkamp, A.J., Irth, H., Tjaden, U.R. and van der Greef, J.
Theoretical concepts of on-line liquid chromatographic–biochemical detection systems. II. Detection systems based on labelled affinity proteins 787(1997)37
- Oosterkamp, A.J., Irth, H., Villaverde Herraiz, M.T., Tjaden, U.R. and van der Greef, J.
Theoretical concepts of on-line liquid chromatographic–biochemical detection systems. I. Detection systems based on labelled ligands 787(1997)27
- Orishchenko, N.V., see Mingalyov, P.G. 777(1997)249
- Ortaggi, G., see Battinelli, L. 753(1996)47
- Orte, J.C., see Bermejo, R. 778(1997)441
- Oscarsson, S., see Berna, N. 764(1997)193
- Oscarsson, S., see Berna, P.P. 800(1998)151
- Oshima, Y., see Tanaka, M. 800(1998)377
- Oshurkova, O.V., Gorshkov, A.I. and Nesterov, V.P.
Isotachophoretic crystallization of ionogenic substances in electrolyte solutions 752(1996)251
- Osman, A., see Dimov, N. 773(1997)368
- Östman, C., see Becker, G. 775(1997)295
- Östman, C., see Carlsson, H. 790(1997)73
- Ostrander, G.K., see Mechref, Y. 792(1997)75
- Oswald, T.M., see Ward, T.J. 792(1997)309
- Otero, R., Santiago-Silva, M. and Grimalt, J.O.
Hexachlorocyclohexanes in human blood serum 778(1997)87
- Otim, O., see Singhal, R. 756(1996)263
- Otsuka, K., see Muijselaar, P.G. 780(1997)41
- Otterbach, A., see Wenclawiak, B. 799(1998)265
- Otterbach, A., see Wenclawiak, B.W. 785(1997)263
- Ottosson, C.-H., see Hulthe, G. 777(1997)155
- Ou, K., see Yan, J.X. 764(1997)201
- Ou, Q., see Kang, J. 795(1998)394
- Obrahim, H., Richard, J.-M., Cantin-Esnault, D., Seigle-Murandi, F. and Trécourt, F.
Novel methods for identification and quantification of the mushroom nephrotoxin orellanine. Thin-layer chromatography and electrophoresis screening of mushrooms with electron spin resonance determination of the toxin 758(1997)145
- Overall, K., see Morris, V.M. 766(1997)245
- Ovesen, S.V., see Petersen, P.V. 757(1997)65
- Owen, R.O. and Chase, H.A.
Direct purification of lysozyme using continuous counter-current expanded bed adsorption 757(1997)41
- Owen, R.O., see McCreathe, G.E. 773(1997)73
- Owens, P.K., Fell, A.F., Coleman, M.W. and Berridge, J.C.
Screening of cyclodextrins by nuclear magnetic resonance for the design of chiral capillary electrophoresis separations 797(1998)149
- Owens, P.K., Fell, A.F., Coleman, M.W. and Berridge, J.C.
Effect of charged and uncharged chiral additives on the resolution of amlodipine enantiomers in liquid chromatography and capillary electrophoresis 797(1998)187
- Oxley, F.J.R., see Branch, S.K. 758(1997)277
- Oxspring, D., see Smyth, W.F. 772(1997)161
- Ozaki, H. and Terabe, S.
On-line micellar electrokinetic chromatography–mass spectrometry with a high-molecular-mass surfactant 794(1998)317
- Ozawa, T., see Negishi, O. 756(1996)129
- Özdural, A., see Denizli, A. 793(1998)47
- P**
- Pacáková, V., see Jiskra, J. 761(1997)285
- Pacáková, V. and Štulík, K.
Capillary electrophoresis of inorganic anions and its comparison with ion chromatography 789(1997)169
- Pacáková, V., Štulík, K. and Jiskra, J.
High-performance separations in the determination of triazine herbicides and their residues (Review) 754(1996)17
- Pacáková, V., Štulík, K., Vlasáková, V. and Březinová, A.
Capillary electrophoresis of cytokinins and cytokinin ribosides 764(1997)331
- Pace, R., see Fuzzati, N. 777(1997)233
- Packer, N.H., see Yan, J.X. 764(1997)201
- Padarauskas, A., Olšauskaité, V. and Schwedt, G.
Simultaneous separation of inorganic anions and cations by capillary zone electrophoresis 800(1998)369
- Padarauskas, A. and Schwedt, G.
Capillary electrophoresis in metal analysis. Investigations of multi-elemental separation of metal chelates with aminopolycarboxylic acids 773(1997)351
- Padiglioni, P., see Desiderio, C. 781(1997)503
- Padiglioni, P., Polcaro, C.M., Marchese, S., Sinibaldi, M. and Flieger, M.
Enantiomeric separations of halogen-substituted 2-aryloxypropionic acids by high-performance liquid chromatography on a terguride-based chiral stationary phase 756(1996)119
- Page, B.D. and Lacroix, G.
Application of solid-phase microextraction to the headspace gas chromatographic analysis of semi-volatile organochlorine contaminants in aqueous matrices 757(1997)173
- Page, B.D., see Sen, N.P. 788(1997)131
- Pais, L.S., Loureiro, J.M. and Rodrigues, A.E.
Modeling, simulation and operation of a simulated moving bed for continuous chromatographic separation of 1,1'-bi-2-naphthol enantiomers 769(1997)25
- Pais, P., Moyano, E., Puignou, L. and Galceran, M.T.
Liquid chromatography–electrospray mass spectrometry with in-source fragmentation for the identification and quantification of fourteen mutagenic amines in beef extracts 775(1997)125

- Pais, P., Moyano, E., Puignou, L. and Galceran, M.T.
Liquid chromatography-atmospheric-pressure chemical ionization mass spectrometry as a routine method for the analysis of mutagenic amines in beef extracts
778(1997)207
- Pak, C., Marriott, P.J., Carpenter, P.D. and Amiet, R.G.
Enantiomeric separation of propranolol and selected metabolites by using capillary electrophoresis with hydroxypropyl- β -cyclodextrin as chiral selector
793(1998)357
- Pala, A., see Battinelli, L. 753(1996)47
- Palamareva, M. and Kozekov, I.
Chromatographic behaviour of diastereoisomers. XIII.
Adsorptivity of esters of Z- and E-2,3-diphenylpropenoic acids and similar compounds on silica in terms of the Snyder theory
758(1997)135
- Palcic, M.M., see Le, X.C. 781(1997)515
- Palleschi, L., see Draisici, R. 777(1997)201
- Palleschi, L., see Draisici, R. 798(1998)109
- Palmer, C.P.
Micelle polymers, polymer surfactants and dendrimers as pseudo-stationary phases in micellar electrokinetic chromatography
780(1997)75
- Palmer, C.P. and Tanaka, N.
Selectivity of polymeric and polymer-supported pseudo-stationary phases in micellar electrokinetic chromatography
792(1997)105
- Palomino, O.M., see Gómez-Serranillos, P. 778(1997)421
- Pan, L., Chong, J.M. and Pawliszyn, J.
Determination of amines in air and water using derivatization combined with solid-phase microextraction
773(1997)249
- Pan, M., Mabry, T.J., Cao, P. and Moini, M.
Identification of nonprotein amino acids from cycad seeds as N-ethoxycarbonyl ethyl ester derivatives by positive chemical-ionization gas chromatography-mass spectrometry
787(1997)288
- Panaye, A., see Havel, J. 793(1998)317
- Pantsar-Kallio, M. and Manninen, P.K.G.
Simultaneous determination of toxic arsenic and chromium species in water samples by ion chromatography-inductively coupled plasma mass spectrometry
779(1997)139
- Papaefstathiou, I. and Luque de Castro, M.D.
Hyphenated pervaporation-solid-phase preconcentration-gas chromatography for the determination of volatile organic compounds in solid samples
779(1997)352
- Papageorgiou, V.P., Bakola-Christianopoulou, M.N., Apazidou, K.K. and Psarros, E.E.
Gas chromatographic-mass spectroscopic analysis of the acidic triterpenic fraction of mastic gum
769(1997)263
- Papeo, G., see Fuzzati, N. 777(1997)233
- Papoff, P., Ceccarini, A., Lanza, F. and Fanelli, N.
Enhancing the quality of information obtained by a comparison between experimental and deconvolved peak parameters in ion chromatography
789(1997)51
- Paré, J.R.J., see Llompart, M.P. 757(1997)153
- Paré, J.R.J., see Llompart, M.P. 774(1997)243
- Pareja, A.G., see Sánchez, F.G. 754(1996)97
- Parewijck, B., see Keymeulen, R. 765(1997)247
- Park, J., see Yoo, Y.S. 763(1997)285
- Park, J.H., Lee, Y.K., Weon, Y.C., Tan, L.C., Li, J., Li, L., Evans, J.F. and Carr, P.W.
Revisionist look at solvophobic driving forces in reversed-phase liquid chromatography. IV. Partitioning vs. adsorption mechanism on various types of polymeric bonded phases
767(1997)1
- Park, J.H., see Pyo, D. 796(1998)347
- Park, J.H., Yoon, M.H., Ryu, Y.K., Kim, B.E., Ryu, J.W. and Jang, M.D.
Characterization of some normal-phase liquid chromatographic stationary phases based on linear solvation energy relationships
796(1998)249
- Párkányi, C., see Motohashi, N. 754(1996)333
- Parkin, K.L., see Chang, Q.-I. 779(1997)337
- Parkins, C.S., see Stratford, M.R.L. 770(1997)151
- Parrilla, P., see Garrido Frenich, A. 778(1997)183
- Parrilla Vázquez, P., see Martínez Galera, M. 799(1998)149
- Parth, M., see Gorbunov, A. 798(1998)187
- Paschke, A., see Popp, P. 774(1997)203
- Pastor, A., Alcácer, E., Forcada, C., Garcerá, M.D. and Martínez, R.
Determination of organic and inorganic anions in insect haemolymph and midgut contents by ion chromatography
789(1997)279
- Patapoff, T.W., see Tani, T.H. 786(1997)99
- Patel, D.K., see Dear, G.J. 794(1998)27
- Patel, K.B., see Everett, S.A. 770(1997)273
- Pathirana, N.D., see Levison, P.R. 760(1997)151
- Patterson, D.G., see Jiménez, B. 792(1997)411
- Patterson, Jr., D.G., see Kimata, K. 786(1997)237
- Patterson Jr., D.G., see Tanaka, N. 781(1997)139
- Patwardhan, A.V. and Ataa, M.M.
Site accessibility and the pH dependence of the saturation capacity of a highly cross-linked matrix. Immobilized metal affinity chromatography of bovine serum albumin on Chelating Superose
767(1997)11
- Patwardhan, A.V., Goud, G.N., Koepsel, R.R. and Ataa, M.M.
Selection of optimum affinity tags from a phage-displayed peptide library. Application to immobilized copper(II) affinity chromatography
787(1997)391
- Paull, B., see Fagan, P.A. 770(1997)175
- Paull, B., see Huang, Q. 770(1997)3
- Paull, B., see Huang, Q. 777(1997)384
- Paull, B., see Macka, M. 767(1997)303
- Paull, B., see Macka, M. 793(1998)177
- Paull, B., Macka, M. and Haddad, P.R.
Determination of calcium and magnesium in water samples by high-performance liquid chromatography on a graphitic stationary phase with a mobile phase containing o-cresolphthalein complexone
789(1997)329
- Paull, B., see Ohta, K. 770(1997)219
- Pawliszyn, J., see Eisert, R. 776(1997)293
- Pawliszyn, J., see Jinno, K. 754(1996)137
- Pawliszyn, J., see Pan, L. 773(1997)249
- Payares, P., Díaz, D., Olivero, J., Vivas, R. and Gómez, I.
Prediction of the gas chromatographic relative retention times of flavonoids from molecular structure
771(1997)213
- Pazdro, K., see Mazur, H. 766(1997)261

- Pålsson, P., see Ohlson, S. 758(1997)199
 Peart, T.E., see Lee, H.-B. 785(1997)385
 Peisker, K., see Dunkel, R. 777(1997)355
 Peisker, K., see Dunkel, R. 791(1997)371
 Peldszus, S., Huck, P.M. and Andrews, S.A.
 Quantitative determination of oxalate and other organic acids in drinking water at low $\mu\text{g/l}$ concentrations 793(1998)198
 Pelejero, C., see Villanueva, J. 757(1997)145
 Pelizzetti, E., see Angelino, S. 793(1998)307
 Pelosi, P., see Di Muccio, A. 754(1996)497
 Pelosi, P., see Di Muccio, A. 765(1997)39
 Pelosi, P., see Di Muccio, A. 765(1997)51
 Pelosi, P., see Di Muccio, A. 765(1997)61
 Peña, A., see Sánchez-Rasero, F. 799(1998)355
 Pena, A.L.S. and Silveira, M.I.N.
 Determination of chlorophenoxy herbicides in waters by capillary gas chromatography with ion trap detection 758(1997)324
 Peña, E.M., see Havel, J. 793(1998)317
 Peñalver, S., see Aguilar, C. 795(1998)105
 Peng, X. and Chen, D.D.Y.
 Variance contributed by pressure induced injection in capillary electrophoresis 767(1997)205
 Penke, B., see Volz, J. 800(1998)29
 Penmetsa, K.V., Leidy, R.B. and Shea, D.
 Analysis of primisulfuron and triasulfuron in water and soil samples by micellar electrokinetic capillary chromatography 766(1997)225
 Penmetsa, K.V., Leidy, R.B. and Shea, D.
 Enantiomeric and isomeric separation of herbicides using cyclodextrin-modified capillary zone electrophoresis 790(1997)225
 Pentchuk, J., see Ivask, J. 770(1997)125
 Peñuela, G.A. and Barceló, D.
 Comparative degradation kinetics of alachlor in water by photocatalysis with FeCl_3 , TiO_2 and photolysis, studied by solid-phase disk extraction followed by gas chromatographic techniques 754(1996)187
 Peñuela, G.A. and Barceló, D.
 Application of C_{18} disks followed by gas chromatography techniques to degradation kinetics, stability and monitoring of endosulfan in water 795(1998)93
 Pépin, G., see Gaillard, Y. 762(1997)251
 Pépin, G., see Gaillard, Y. 763(1997)149
 Pereira, M.A., see Tao, L. 793(1998)71
 Pereiro, I.R., Wasik, A. and Łobiński, R.
 Characterization of multicapillary gas chromatography-microwave-induced plasma atomic emission spectrometry for the expeditious analysis for organometallic compounds 795(1998)359
 Perez, A., see Yongxin, Z. 773(1997)147
 Pérez-Arribas, L.V., see Rodríguez-Plasencia, F.J. 760(1997)314
 Pérez-Coello, M.S., Sanz, J. and Cabezudo, M.D.
 Analysis of volatile components of oak wood by solvent extraction and direct thermal desorption-gas chromatography-mass spectrometry 778(1997)427
 Perez, G., see Glöd, B.K. 760(1997)292
 Pérez, J.A., see Espartero, A.G. 778(1997)355
 Perez-Martinez, G., see Dauneau, P. 775(1997)225
 Pérez-Maseda, C., see Blanco, M. 793(1998)165
 Pérez-Maseda, C., see Blanco, M. 799(1998)301
 Pérez Pavón, J.L., see Carabias Martínez, R. 754(1996)85
 Pérez Pavón, J.L., see García Sánchez, M. 766(1997)61
 Pérez, R.A., Sánchez-Brunete, C. and Tadeo, J.L.
 Determination of thiazopyr residues in soil and plants by gas chromatography with nitrogen-phosphorus detection and confirmation by gas chromatography-mass spectrometry 778(1997)193
 Pérez, R.A., see Tadeo, J.L. 754(1996)347
 Pérez-Rodríguez, M.-L., see Recio, I. 768(1997)47
 Pergantis, S.A., Cullen, W.R., Chow, D.T. and Eigendorf, G.K.
 Liquid chromatography and mass spectrometry for the speciation of arsenic animal feed additives 764(1997)211
 Periago, J.F., see Prado, C. 778(1997)255
 Periago, J.F., Zambudio, A. and Prado, C.
 Evaluation of environmental levels of aromatic hydrocarbons in gasoline service stations by gas chromatography 778(1997)263
 Peris, C., see de Barreda Jr., D.G. 795(1998)125
 Peris Martínez, V., see Mateo Castro, R. 778(1997)373
 Perkins, T.W., see Lightfoot, E.N. 760(1997)139
 Perkins, T.W., Mak, D.S., Root, T.W. and Lightfoot, E.N.
 Protein retention in hydrophobic interaction chromatography: modeling variation with buffer ionic strength and column hydrophobicity 766(1997)1
 Perović, Đ., see Švob Troje, Z. 775(1997)101
 Perreault, H., see McComb, M.E. 800(1998)1
 Perret, D., see D'Ascenzo, G. 800(1998)109
 Perrett, D., see Hows, M.E.P. 768(1997)97
 Perrett, D., see James, I.T. 798(1998)159
 Perrett, D., see Taylor, M.R. 768(1997)67
 Perrin, S.R., see Welch, C.J. 758(1997)93
 Persson-Stubberud, K. and Åström, O.
 Separation of ibuprofen, codeine phosphate, their degradation products and impurities by capillary electrophoresis. I. Method development and optimization with fractional factorial design 798(1998)307
 Pesek, J.J., see Akapo, S.O. 773(1997)53
 Pesek, J.J. and Matyska, M.T.
 Determination of aspartame by high-performance capillary electrophoresis 781(1997)423
 Pesek, J.J., Matyska, M.T. and Mauskar, L.
 Separation of proteins and peptides by capillary electrochromatography in diol- and octadecyl-modified etched capillaries 763(1997)307
 Pesek, J.J., Matyska, M.T., Williamsen, E.J., Evanchic, M., Hazari, V., Konjuh, K., Takhar, S. and Tranchina, R.
 Synthesis and characterization of alkyl bonded phases from a silica hydride via hydrosilation with free radical initiation 786(1997)219
 Péter, A., see Török, G. 797(1998)177
 Péter, A., Török, G. and Armstrong, D.W.
 High-performance liquid chromatographic separation of enantiomers of unusual amino acids on a teicoplanin chiral stationary phase 793(1998)283

- Péter, A., Török, G., Csomós, P., Péter, M., Bernáth, G. and Fülöp, F.
High-performance liquid chromatographic methods for separation of enantiomers of alicyclic β -amino acids 761(1997)103
- Péter, A., Török, G., Mazaleyrat, J.-P. and Wakselman, M.
High-performance liquid chromatographic separation of enantiomers of 1,1'-binaphthyl-substituted α -aminoisobutyric acid 790(1997)41
- Péter, A., Török, G., Tóth, G., Van Den Nest, W., Laus, G. and Tourwé, D.
Chromatographic methods for monitoring the optical isomers of unusual aromatic amino acids 797(1998)165
- Péter, M., see Péter, A. 761(1997)103
- Peterlongo, F., see Fuzzati, N. 777(1997)233
- Petersen, J.R., see Bissell, M.G. 767(1997)217
- Petersen, J.R., see Valbuena, G.A. 781(1997)467
- Petersen, P.V., Ekelund, J., Lars Olsen, .O. and Ovesen, S.V.
Chiral separations of β -blocking drug substances using the Pirkle-type α -Burke 1 chiral stationary phase 757(1997)65
- Petersson, G., see Barrefors, G. 753(1996)151
- Petersson, M., Walhagen, K., Nilsson, A., Wahlund, K.-G. and Nilsson, S.
Separation of a bioactive cyclic peptide and its oligomeric forms by micellar electrokinetic chromatography 769(1997)301
- Petránek, L., see Jandera, P. 791(1997)1
- Petro, M., Svec, F. and Fréchet, J.M.J.
Molded continuous poly(styrene-co-divinylbenzene) rod as a separation medium for the very fast separation of polymers. Comparison of the chromatographic properties of the monolithic rod with columns packed with porous and non-porous beads in high-performance liquid chromatography of polystyrenes 752(1996)59
- Petrović, M., Kaštelan-Macan, M., Andrašić, S. and Bokić, L.
Application of a colour analyzer in quantitative thin-layer chromatography 771(1997)251
- Petrovičová, B., see Gelsomino, A. 782(1997)105
- Petrushewska-Tozi, L., Ristov, T. and Kavrakovski, Z.
Development of the isotachophoretic method for determinaton of aldonic acids produced after alkaline oxidation of hexose with palladium(II) chloride 757(1997)324
- Pezzin, S.H., see Collins, C.H. 789(1997)469
- Pfaff, J.D., see Creed, J.T. 753(1996)261
- Pham Tuan, H., Janssen, H.-G. and Cramers, C.A.
Novel preconcentration technique for on-line coupling to high-speed narrow-bore capillary gas chromatography: sample enrichment by equilibrium (ab)sorption. I. Principles and theoretical aspects 791(1997)177
- Pham Tuan, H., Janssen, H.-G., Cramers, C.A., Mussche, P., Lips, J., Wilson, N. and Handley, A.
Novel preconcentration technique for on-line coupling to high-speed narrow-bore capillary gas chromatography: sample enrichment by equilibrium (ab)sorption. II. Coupling to a portable micro gas chromatograph 791(1997)187
- Phemius, P., see Navarro, A. 770(1997)39
- Philipp, W., see Wyss, R. 797(1998)211
- Philipsen, H.J.A., Claessens, H.A., Lind, H., Klumperman, B. and German, A.L.
Study on the retention behaviour of low-molar-mass polystyrenes and polyesters in reversed-phase liquid chromatography by evaluation of thermodynamic parameters 790(1997)101
- Philipsen, H.J.A., de Cooker, M.R., Claessens, H.A., Klumperman, B. and German, A.L.
Characterization of low-molar-mass polymers by gradient polymer elution chromatography. II. Solubility effects in the analysis of polyester resins under reversed-phase conditions 761(1997)147
- Philipsen, H.J.A., Oestreich, M., Klumperman, B. and German, A.L.
Characterization of low-molar-mass polymers by gradient polymer elution chromatography. III. Behaviour of crystalline polyesters under reversed-phase conditions 775(1997)157
- Hipps, C., see Bakalyar, S.R. 762(1997)167
- Piccolo, O., see Ferretti, R. 795(1998)289
- Pichon, V., Charpak, M. and Hennion, M.-C.
Multiresidue analysis of pesticides using new laminar extraction disks and liquid chromatography and application to the French priority list 795(1998)83
- Pichon, V., see Ferrer, I. 777(1997)91
- Pichon, V., see Lawrence, J.F. 752(1996)147
- Picó, Y., see Torres, C.M. 754(1996)301
- Picó, Y., see Torres, C.M. 778(1997)127
- Piechowski, M., see Dabek-Złotorzynska, E. 770(1997)349
- Piera, E., Erra, P. and Infante, M.R.
Analysis of cationic surfactants by capillary electrophoresis 757(1997)275
- Pieroni, E., see Iuliano, A. 786(1997)355
- Pietrzyk, D.J., Chen, S. and Chanthawat, B.
Enhanced capillary zone electrophoretic separation of dinitrophenyl-amino acid derivatives through control of electroosmotic flow by the buffer cation 775(1997)327
- Pietrzyk, R.A., see Chen, Yu.-m. 763(1997)187
- Piggee, C.A., Muth, J., Carrilho, E. and Karger, B.L.
Capillary electrophoresis for the detection of known point mutations by single-nucleotide primer extension and laser-induced fluorescence detection 781(1997)367
- Pihlar, B., see Novič, M. 764(1997)249
- Pinguet, P., see Bonté, F. 791(1997)231
- Pinto, N.G., see Raje, P. 760(1997)89
- Pinto, N.G., see Raje, P. 796(1998)141
- Pinzón, M.H., see Stashenko, E.E. 752(1996)217
- Piotrowski, E.G., see Eng, G.Y. 799(1998)349
- Pirisi, F.M., Angioni, A., Cabras, P., Garau, V.L., Sanjust di Teulada, M.T., Karim dos Santos, M. and Bandino, G.
Phenolic compounds in virgin olive oils. I. Low-wavelength quantitative determination of complex phenols by high-performance liquid chromatography under isocratic elution 768(1997)207
- Pirisi, F.M., see Cabras, P. 761(1997)327
- Pirkle, W.H., Brice, L.J. and Terfloth, G.J.
Liquid and sub critical CO_2 separations of enantiomers on a broadly applicable polysiloxane chiral stationary phase 753(1996)109

- Pirkle, W.H. and Gan, K.Z.
Facile and predictable means of separating the enantiomers of 5-arylhydantoins 790(1997)65
- Pirkle, W.H. and Koscho, M.E.
Predictable chromatographic separations of enantiomers: aryl allenic acids and their derivatives 761(1997)65
- Pirkle, W.H. and Spence, P.L.
Enantiodifferentiation of aryl-substituted heterocycles: a mechanistic study using γ -lactones 775(1997)81
- Pirkle, W.H., see Wolf, C. 782(1997)175
- Pirkle, W.H., see Wolf, C. 785(1997)173
- Pirkle, W.H., see Wolf, C. 799(1998)177
- Pirogov, A.V. and Havel, J.
Determination of platinum, palladium, osmium, iridium, rhodium and gold as chloro complexes by capillary zone electrophoresis 772(1997)347
- Piškin, E., see Denizli, A. 758(1997)217
- Piškin, E., see Denizli, A. 773(1997)169
- Pitsch, H., see Motellier, S. 770(1997)311
- Pithard, V., see Komárek, K. 773(1997)219
- Pizarro, R.A., see Fernández, R.O. 771(1997)99
- Plass, M., see Valkó, K. 797(1998)41
- Platzer, D.J., Mills, K.A., Ciolkowski, E.L. and Ramstad, T.
Determination of impurities in α -cyclodextrin by gradient high-performance liquid chromatography with pulsed amperometric detection 793(1998)57
- Plavec, J., see Gladovič, N. 767(1997)63
- Pleasance, S., see Dear, G.J. 794(1998)27
- Pleil, J.D., see Bowyer, J.R. 787(1997)171
- Plenet, D., see Masson, P. 752(1996)298
- Plešek, J., see Grüner, B. 793(1998)249
- Plocek, J. and Novotny, M.V.
Capillary zone electrophoresis of oligosaccharides derivatized with N-(4-aminobenzoyl)-L-glutamic acid for ultraviolet absorbance detection 757(1997)215
- Plzák, Z., see Grüner, B. 789(1997)497
- Pocurull, E., see Aguilar, C. 795(1998)105
- Pocurull, E., see Bernal, J.L. 778(1997)321
- Pocurull, E., Marcé, R.M., Borrull, F., Bernal, J.L., Toribio, L. and Serina, M.L.
On-line solid-phase extraction coupled to supercritical fluid chromatography to determine phenol and nitrophenols in water 755(1996)67
- Podgornik, A., see Štrancar, A. 760(1997)117
- Poe, D.P.
Use of a thermally insulated column for improved speed, efficiency and resolution in packed-column supercritical fluid chromatography 785(1997)129
- Poe, D.P., Marquis, P.J., Tomlinson, T., Dohm, J. and He, J.
Supercritical fluid chromatograph for studies of retention and efficiency with a brief study of *n*-alkanes showing evidence of significant temperature drop with pressure drop 785(1997)135
- Pohl, C.A., see Rey, M.A. 789(1997)149
- Pohl, C.A., Stillian, J.R. and Jackson, P.E.
Factors controlling ion-exchange selectivity in suppressed ion chromatography 789(1997)29
- Pohl, C.A., see Toofan, M. 761(1997)163
- Pohl, C.A., see Toofan, M. 775(1997)109
- Pok, F.W., see Saleh, M.I. 763(1997)173
- Polášek, M., see Pospíšilová, M. 772(1997)277
- Polcaro, C.M., see Desiderio, C. 781(1997)503
- Polcaro, C.M., see Padiglioni, P. 756(1996)119
- Polese, L., see Nunes, G.S. 795(1998)43
- Polesello, S., see Valsecchi, S. 760(1997)326
- Polinina, E., see Fairman, B. 758(1997)85
- Pollet, B., see Cottier, S. 771(1997)366
- Polo-Díez, L.M., see Rodríguez-Plasencia, F.J. 760(1997)314
- Polster, J., Sauerwald, N., Feucht, W. and Treutter, D.
New methods for spectrometric peak purity analysis in chromatography 800(1998)121
- Pombo-Villar, E., see Richmond, R. 760(1997)303
- Pons, B., see Zufiaurre, R. 779(1997)299
- Poole, C.F. and Poole, S.K.
Interphase model for retention and selectivity in micellar electrokinetic chromatography 792(1997)89
- Poole, C.F., Poole, S.K. and Abraham, M.H.
Recommendations for the determination of selectivity in micellar electrokinetic chromatography 798(1998)207
- Poole, S.K., see Poole, C.F. 792(1997)89
- Poole, S.K., see Poole, C.F. 798(1998)207
- Poon, G.K.
Analysis of catechins in tea extracts by liquid chromatography-electrospray ionization mass spectrometry 794(1998)63
- Popescu, A., see Levin, S. 752(1996)131
- Popl, M., see Sýkora, D. 758(1997)37
- Popov, N.S., see Andreev, V.P. 772(1997)115
- Popović, D.A. and Leskovac, V.
Simple and rapid chromatographic method for the separation of major classes of ribosomal ribomononucleotides 769(1997)225
- Popp, P., Keil, P., Möder, M., Paschke, A. and Thuss, U.
Application of accelerated solvent extraction followed by gas chromatography, high-performance liquid chromatography and gas chromatography-mass spectrometry for the determination of polycyclic aromatic hydrocarbons, chlorinated pesticides and polychlorinated dibenzo-*p*-dioxins and dibenzofurans in solid wastes 774(1997)203
- Poppe, H.
Some reflections on speed and efficiency of modern chromatographic methods 778(1997)3
- Poppe, H., see Busch, M.H.A. 775(1997)313
- Poppe, H., see Busch, M.H.A. 777(1997)311
- Poppe, H., see Busch, M.H.A. 777(1997)329
- Poppe, H., see van Bruijnsvoort, M. 757(1997)203
- Poppe, H., see van den Bosch, S.E. 755(1996)165
- Poppe, H., see Venema, E. 765(1997)135
- Poppe, H., see Xu, X. 786(1997)333
- Porath, J., see Berna, P.P. 753(1996)57
- Porath, J., see Berna, P.P. 800(1998)151
- Porcar, I., Catalá, I., García, R., Abad, C. and Campos, A.
Macromolecules in ordered media VIII. High-performance size-exclusion chromatography as a technique for characterizing the interaction between polyanions and cationic liposomes 778(1997)53
- Porqueras, E., see Yongxin, Z. 773(1997)147
- Porta, C., see Rizzo, V. 798(1998)103
- Portela, M.J., see Ruiz de Erenchun, N. 763(1997)227

- Porter, M.D., see Ting, E.-Y. 793(1998)204
 Portillo, J.L., see Sabala, A. 778(1997)103
 Portillo, J.L., see Tharsis, N. 778(1997)95
 Pospíšilová, M., Polášek, M. and Procházka, J.
 Separation and determination of pharmaceutically important polyols in dosage forms by capillary isotachophoresis 772(1997)277
 Post, P.C., see Wynia, G.S. 773(1997)339
 Potgeter, H., see Knöchel, A. 786(1997)188
 Potocák, B., Maichel, B., Gas, B., Chiari, M. and Kenndler, E.
 Separation of neutral compounds by capillary electrokinetic chromatography with a replaceable charged linear polymer as pseudo-stationary phase 798(1998)269
 Pötter, W., Lamotte, S., Engelhardt, H. and Karst, U.
 Non-porous silica for ultrafast reversed-phase high-performance liquid chromatographic separation of aldehyde and ketone 2,4-dinitrophenylhydrazones 786(1997)47
 Poustka, J., see Hajšlová, J. 800(1998)283
 Poustka, J., see Kocourek, V. 800(1998)297
 Poveda, E., see Sánchez-Camazano, M. 754(1996)279
 Pozzetti, G.L., see Cardoso, C.A.L. 788(1997)204
 Poznyak, T.I., Kiseleva, E.V. and Turkina, T.I.
 Distribution of the total unsaturation in lipid components of plasma as a new differential diagnostic method in clinical analysis 777(1997)47
 Prachar, V., see Veningerová, M. 774(1997)333
 Prado, C., Ibarra, I. and Periago, J.F.
 Evaluation of styrene in air by thermal desorption-gas chromatography 778(1997)255
 Prado, C., see Periago, J.F. 778(1997)263
 Prashad, H., see Reifsnyder, D.H. 753(1996)73
 Prat, M.-D., see Abalos, M. 788(1997)1
 Predieri, G., see Careri, M. 789(1997)461
 Pregnolato, M., see Terreni, M. 754(1996)207
 Preston, B.P., see Chen, J. 781(1997)205
 Previdi, M.P., see Trifirò, A. 770(1997)243
 Previero, A., see Pugniere, M. 767(1997)69
 Price, M.R., see Murray, A. 782(1997)49
 Price, P., see Tiller, P.R. 771(1997)119
 Price, R., see Dean, J.R. 799(1998)343
 Price, S.M., see Sojo, L.E. 788(1997)141
 Prior, A., see Reissner, K. 763(1997)49
 Procházka, J., see Pospíšilová, M. 772(1997)277
 Procopio, J.R., see Da Silva, M.P. 761(1997)139
 Proctor, A., see Muddiman, D.C. 771(1997)1
 Prokai, L., Kim, H.-S., Zharikova, A., Roboz, J., Ma, L., Deng, L. and Simonsick Jr., W.J.
 Electrospray ionization mass spectrometric and liquid chromatographic-mass spectrometric studies on the metabolism of synthetic dynorphin A peptides in brain tissue in vitro and in vivo 800(1998)59
 Prokisch, J., Katz, S.A., Kovács, B. and Győri, Z.
 Speciation of chromium from industrial wastes and incinerated sludges 774(1997)363
 Pröll, T. and Küsters, E.
 Optimization strategy for simulated moving bed systems 800(1998)135
 Prošek, M., see Vovk, I. 768(1997)329
 Prošek, M., see Vovk, I. 779(1997)329
 Provost, L.R., see D'Agostino, P.A. 767(1997)77
 Prusík, Z., see Kašička, V. 772(1997)221
 Prusík, Z., see Kašička, V. 796(1998)211
 Przybylski, M., see Volz, J. 800(1998)29
 Przyjazny, A., see Biziuk, M. 754(1996)103
 Psarros, E.E., see Papageorgiou, V.P. 769(1997)263
 Puertas, M.A., see Stashenko, E.E. 752(1996)223
 Pugniere, M., Matras, H., Castro, B. and Previero, A.
 Adsorption liquid chromatography on silica for the chiral separation of amino acids and asymmetric amines derivatized with optically active N- α -9-Fmoc-amino acid-N-carboxyanhydrides 767(1997)69
 Puig, D. and Barceló, D.
 Determination of polar priority phenols at parts per trillion levels in water using on-line liquid-solid extraction followed by liquid chromatography with coulometric detection 778(1997)313
 Puig, D., see Castillo, M. 778(1997)301
 Puig, P., see Arellano, M. 765(1997)321
 Puig, P., see Nouadje, G. 765(1997)337
 Puig, Ph., see Arellano, M. 781(1997)497
 Puignou, L., Casal, J., Santos, F.J. and Galceran, M.T.
 Determination of heterocyclic aromatic amines by capillary zone electrophoresis in a meat extract 769(1997)293
 Puignou, L., see Galceran, M.T. 782(1997)289
 Puignou, L., see Pais, P. 775(1997)125
 Puignou, L., see Pais, P. 778(1997)207
 Puignou, L., see Ruiz-Calero, V. 775(1997)91
 Puiu, S., see Coman, V. 779(1997)321
 Pujar, N.S. and Zydney, A.L.
 Electrostatic effects on protein partitioning in size-exclusion chromatography and membrane ultrafiltration 796(1998)229
 Pulidori, F., see Remelli, M. 761(1997)79
 Purdy, W.C., see Spencer, B.J. 782(1997)227
 Pursch, M., see Strohschein, S. 765(1997)207
 Pyell, U., see Bütehorn, U. 772(1997)27
 Pyell, U., see Bütehorn, U. 792(1997)157
 Pyell, U., see Maruška, A. 782(1997)167
 Pyell, U., Rebscher, H. and Banholczer, A.
 Influence of sample plug width in capillary electrochromatography 779(1997)155
 Pyo, D., Kim, H. and Park, J.H.
 Modifier effects in open tubular capillary column supercritical fluid chromatography. Retention mechanisms from linear solvation energy relationships 796(1998)347
 Pyo, D., Li, W., L. Lee, M., Weckwerth, J.D. and Carr, P.W.
 Addition of methanol to the mobile phase in packed capillary column supercritical fluid chromatography. Retention mechanisms from linear solvation energy relationships 753(1996)291

Q

- Qian, M.G., see Wu, J.-T. 794(1998)377
 Qian, R.L., Mhatre, R. and Krull, I.S.
 Characterization of antigen–antibody complexes by size-exclusion chromatography coupled with low-angle light-scattering photometry and viscometry 787(1997)101
 Qu, Y., Arckens, L., Vandenbussche, E., Geeraerts, S. and Vandesande, F.
 Simultaneous determination of total and extracellular concentrations of the amino acid neurotransmitters in cat visual cortex by microbore liquid chromatography and electrochemical detection 798(1998)19
 Quaite-Randall, E., see Joachimiak, A. 773(1997)131
 Quayle, W.C., Jepson, I. and Fowlis, I.A.
 Simultaneous quantitation of sixteen organochlorine pesticides in drinking waters using automated solid-phase extraction, high-volume injection, high-resolution gas chromatography 773(1997)271
 Queiroz, J.A., see Diogo, M.M. 796(1998)177
 Quilliam, M.A., see Zhao, J.-Y. 781(1997)555
 Quiñones, I. and Guiochon, G.
 Extension of a Jovanovic–Freundlich isotherm model to multicomponent adsorption on heterogeneous surfaces 796(1998)15
 Quintanilla-López, J.E., see Lebrón-Aguilar, R. 760(1997)219
 Quintanilla-López, J.E., Lebrón-Aguilar, R. and García-Domínguez, J.A.
 The hold-up time in gas chromatography. II. Validation of the estimation based on the concept of a zero carbon atoms alkane 767(1997)127
 Quirino, J.P. and Terabe, S.
 On-line concentration of neutral analytes for micellar electrokinetic chromatography I. Normal stacking mode 781(1997)119
 Quirino, J.P. and Terabe, S.
 On-line concentration of neutral analytes for micellar electrokinetic chromatography. II. Reversed electrode polarity stacking mode 791(1997)255
 Quirino, J.P. and Terabe, S.
 On-line concentration of neutral analytes for micellar electrokinetic chromatography. IV. Field-enhanced sample injection 798(1998)251

R

- Rabenstein, A., see Rethmeier, J. 760(1997)295
 Račaitytė, K., see Liesienė, J. 764(1997)27
 Radko, S.P., Weiss, G.H. and Chrambach, A.
 Protein band spreading in capillary zone electrophoresis. Effects of sample zone length and presence of polymer 781(1997)277
 Radtke, D.R., see Barry, J.P. 800(1998)13
 Radu, G.L., see Ilie, V.A. 796(1998)259
 Rae, W.E., Wong, J.E. and Lucy, C.A.
 A simple means of generating pH gradients in capillary zone electrophoresis 781(1997)3
 Raffaelli, A., Moneti, G., Mercati, V. and Toja, E.
 Mass spectrometric characterization of flavonoids in extracts from *Passiflora incarnata* 777(1997)223
 Rafols, C., see Abraham, M.H. 752(1996)243
 Ràfols, C. and Barceló, D.
 Determination of mono- and disulphonated azo dyes by liquid chromatography–atmospheric pressure ionization mass spectrometry 777(1997)177
 Ragone, P., see Cardellicchio, N. 770(1997)185
 Raida, M., see Heine, G. 776(1997)117
 Raida, M., see Schrader, M. 776(1997)139
 Raith, K., see Schwarz, M.A. 781(1997)377
 Raith, K., see Wolf, R. 766(1997)71
 Raje, P. and Pinto, N.G.
 Combination of the steric mass action and non-ideal surface solution models for overload protein ion-exchange chromatography 760(1997)89
 Raje, P. and Pinto, N.G.
 Importance of heat of adsorption in modeling protein equilibria for overloaded chromatography 796(1998)141
 Ramírez, J., see Stashenko, E.E. 752(1996)217
 Ramnäs, O., see Barrefors, G. 753(1996)151
 Ramos, L., Hernandez, L.M. and Gonzalez, M.J.
 Elution pattern of planar chlorinated biphenyls and 2,3,7,8-polychlorinated dibenzo-*p*-dioxins/dibenzofurans on chromatographic adsorbents and factors affecting the mechanism of retention. Possibilities of selective separation of both families 759(1997)127
 Ramos, M., see Recio, I. 768(1997)47
 Rampal, S., Liu, M.-S. and Chen, F.-T.A.
 Characterization of TO-PRO-3 as an intercalator for double-stranded DNA analysis with red diode laser-induced fluorescence detection 781(1997)357
 Ramstad, T., see Platzer, D.J. 793(1998)57
 Ranta, V.-P., Urtti, A. and Auriola, S.
 Gradient high-performance liquid chromatographic analysis of enkephalin peptides, their metabolites and enzyme inhibitors using combined ultraviolet and electrochemical detection. I. Optimization of separation and detection 766(1997)85

- Rao, B., Balke, S.T., Mourey, T.H. and Schunk, T.C.
Methyl cyclohexane as a new eluting solvent for the size-exclusion chromatography of polyethylene and polypropylene at 90°C 755(1996)27
- Rao, L.V., see Valbuena, G.A. 781(1997)467
- Rao, R.N., see Husain, S. 777(1997)370
- Rapado-Martínez, I., García-Alvarez-Coque, M.C. and Villanueva-Camañas, R.M.
Liquid chromatographic procedure for the evaluation of β-blockers in pharmaceuticals using hybrid micellar mobile phases 765(1997)221
- Rashid, B.A., Aherne, G.W., Katmeh, M.F., Kwasowski, P. and Stevenson, D.
Determination of morphine in urine by solid-phase immunoextraction and high-performance liquid chromatography with electrochemical detection 797(1998)245
- Rashkovetsky, L.G., Lyubarskaya, Y.V., Foret, F., Hughes, D.E. and Karger, B.L.
Automated microanalysis using magnetic beads with commercial capillary electrophoretic instrumentation 781(1997)197
- Rasmussen, H.T., see Jordan, S.L. 755(1996)211
- Rasmussen, K.E., see Næss, Ø. 760(1997)245
- Raspor, P., see Štrancar, A. 760(1997)117
- Rathore, A.S. and Horváth, C.
Displacement chromatography with on-column isomerization 787(1997)1
- Rathore, A.S. and Horváth, Ch.
Cyclodextrin aided separation of peptides and proteins by capillary zone electrophoresis 796(1998)367
- Rathore, A.S. and Horváth, Cs.
Capillary electrochromatography: theories on electroosmotic flow in porous media 781(1997)185
- Ratto, J.J., O'Conner, S.R., Distler, A.R., Wu, G.-M., Hummel, D., Treuheit, M.J., Herman, A.C. and Davis, J.M.
Ethanol–sodium chloride–phosphate mobile phase for size-exclusion chromatography of poly(ethylene glycol) modified proteins 763(1997)337
- Raulin, F., see Aflalaye, A. 761(1997)195
- Ravel, C., see Berny, P. 769(1997)343
- Ray Neidlinger, T., see Jane Burri, B. 762(1997)201
- Read, R.W., see Black, R.M. 759(1997)79
- Read, R.W., see Black, R.M. 794(1998)233
- Rebouillon, P., see Sarrazin, L. 760(1997)285
- Rebscher, H., see Pyell, U. 779(1997)155
- Recio, I., Pérez-Rodríguez, M.-L., Ramos, M. and Amigo, L.
Capillary electrophoretic analysis of genetic variants of milk proteins from different species 768(1997)47
- Reddy, K.R., see Abler, J.K. 759(1997)139
- Redondo, M.J., see Ruiz, M.J. 776(1997)348
- Reed, R.H., see Colgan, S.T. 764(1997)233
- Reeder, D.H., Li, J., Carr, P.W., Flickinger, M.C. and McCormick, A.V.
Models for polybutadiene pore wall coatings in porous zirconia 760(1997)71
- Reeder, D.H., see Li, J. 791(1997)45
- Reepmeyer, J.C., see Tang, Y. 752(1996)93
- Reich, E. and Sneden, A.T.
Normal- and bonded-phase liquid chromatography with photodiode array detection of maytansinoids 763(1997)213
- Reich, S., see Schurig, V. 755(1996)299
- Reid, R.G., see Stead, D.A. 798(1998)259
- Reid, R.G., see Taylor, R.B. 798(1998)335
- Reifsnyder, D.H., Olson, C.V., Etcheverry, T., Prashad, H. and Builder, S.E.
Purification of insulin-like growth factor-I and related proteins using underivatized silica 753(1996)73
- Reijenga, J.C., see Ingelse, B.A. 772(1997)179
- Reijenga, J.C. and Ingelse, B.A.
Capillary zone electrophoretic separation of β-blockers using citrate buffer at low pH 776(1997)361
- Reijenga, J.C., see Ingelse, B.A. 791(1997)339
- Reijenga, J.C., Ingelse, B.A. and Everaerts, F.M.
Training software for chiral separations in capillary electrophoresis 772(1997)195
- Reijenga, J.C., Ingelse, B.A. and Everaerts, F.M.
Thermodynamics of chiral selectivity in capillary electrophoresis: separation of ibuprofen enantiomers with β-cyclodextrin 792(1997)371
- Reijenga, J.C., see Martens, J.H.P.A. 772(1997)49
- Reilly, D., see Jacobson, F.S. 763(1997)31
- Reinthalter, F., see Kümmeler, K. 774(1997)281
- Reissner, K., Prior, A., Wolfgang, J., Bart, H.J. and Byers, C.H.
Preparative desalting of bovine serum albumin by continuous annular chromatography 763(1997)49
- Rejtar, T. and Šlais, K.
Isotachophoretic focusing of strong electrolytes on the background of carrier ampholytes 798(1998)223
- Remberger, M., see Hynning, P.-. 774(1997)311
- Remelli, M., Fornasari, P. and Pulidor, F.
Study of retention, efficiency and selectivity in chiral ligand-exchange chromatography with a dynamically coated stationary phase 761(1997)79
- Renaud, B., see Bert, L. 755(1996)99
- Renault, J.-H., see Spraul, M. 766(1997)255
- Renault, J.-H., Thépenier, P., Zèches-Hanrot, M., Le Men-Olivier, L., Durand, A., Foucault, A. and Margraff, R.
Preparative separation of anthocyanins by gradient elution centrifugal partition chromatography 763(1997)345
- Reschiotto, C., see Trifirò, A. 770(1997)243
- Rethmeier, J., Rabenstein, A., Langer, M. and Fischer, U.
Detection of traces of oxidized and reduced sulfur compounds in small samples by combination of different high-performance liquid chromatography methods 760(1997)295
- Revelle, L.K., see Tang, Y. 752(1996)93
- Révész, G., see Hajós, P. 771(1997)23
- Révész, G., Hajós, P. and Csiszár, H.
Mixed-mode liquid chromatography of carboxylic acids and inorganic anions on a latex-based pellicular stationary phase 753(1996)253
- Revilla, A.L., Havel, J., Borovcová, J. and Vrchlabský, M.
Capillary zone electrophoresis of hydroxynaphthalene carboxylic acids. Purity monitoring of β-hydroxynaphthoic acid in industry 772(1997)397

- Rey, M.A., Riviello, J.M. and Pohl, C.A.
Column switching for difficult cation separations
789(1997)149
- Reyderman, L. and Stavchansky, S.
Determination of single-stranded oligodeoxynucleotides by capillary gel electrophoresis with laser induced fluorescence and on column derivatization 755(1996)271
- Reynolds, D., see Valkó, K. 797(1998)41
- Reznicek, G., Freiler, M., Schader, M. and Schmidt, U.
Determination of the content and the composition of the main saponins from *Solidago gigantea* AIT. using high-performance liquid chromatography 755(1996)133
- Reznikova, O.I., see Trubetskoj, O.A. 767(1997)285
- Ribeiro, M.L., see Nunes, G.S. 795(1998)43
- Ribela, M.T.C.P., see Dalmora, S. 782(1997)199
- Rice, A., Grimshaw, J., Trocha-Grimshaw, J., McCarron, P. and Wisdom, G.B.
Identification of α_1 -acid glycoprotein (orosomucoid) in human synovial fluid by capillary electrophoresis 772(1997)305
- Richard, J.-M., see Oubrahim, H. 758(1997)145
- Richards, M., see Huang, T.-L. 757(1997)247
- Richberg, P.C., see Kats, M. 766(1997)205
- Richert, P., see Francotte, E. 796(1998)239
- Richert, P., see Francotte, E.R. 769(1997)101
- Richling, E., Decker, C., Häring, D., Herderich, M. and Schreier, P.
Analysis of heterocyclic aromatic amines in wine by high-performance liquid chromatography-electrospray tandem mass spectrometry 791(1997)71
- Richmond, R.
Database of structures and their gas chromatography retention indices, tagged with individual search windows 758(1997)319
- Richmond, R. and Pombo-Villar, E.
Gas chromatography-mass spectrometry coupled with pseudo-Sadtler retention indices, for the identification of components in the essential oil of *Curcuma longa* L 760(1997)303
- Richter, J., see Strohschein, S. 765(1997)207
- Richter, K., see Oertel, R. 797(1998)203
- Richter, P., see Komárek, K. 800(1998)305
- Richter, R., see Schulz-Knappe, P. 776(1997)125
- Ricker, R.D., see Turula, V.E. 763(1997)91
- Riedel, W., see Cordis, G.A. 798(1998)117
- Rieder, G., see Klampfl, C.W. 770(1997)23
- Riekkola, M.-L., see Hartonen, K. 774(1997)229
- Riekkola, M.-L., see Hartonen, K. 785(1997)219
- Riekkola, M.-L., see Hyötyläinen, T. 771(1997)360
- Riekkola, M.-L., see Kulomaa, A. 781(1997)523
- Riekkola, M.-L., see Liang, H.-R. 798(1998)233
- Riekkola, M.-L., see Sirén, H. 767(1997)293
- Riekkola, M.-L., see Wiedmer, S.K. 781(1997)239
- Riekkola, M.-L., Wiedmer, S.K., Valkó, I.E. and Sirén, H.
Selectivity in capillary electrophoresis in the presence of micelles, chiral selectors and non-aqueous media 792(1997)13
- Rigal, L., see Navarro, A. 770(1997)39
- Righetti, P.G., see Bonvent, J.J. 756(1996)233
- Righetti, P.G., see Capelli, L. 791(1997)313
- Righetti, P.G., see Conti, M. 757(1997)237
- Righetti, P.G., Conti, M. and Gelfi, C.
Study of haptoglobin-hemoglobin complexes by titration curves, capillary electrophoresis and capillary isoelectric focusing 767(1997)255
- Righetti, P.G. and Nembri, F.
Capillary electrophoresis of peptides in isoelectric buffers 772(1997)203
- Righetti, P.G., see Simò-Alfonso, E. 756(1996)255
- Righetti, P.G., see Stoyanov, A.V. 790(1997)169
- Righetti, P.G., see Stoyanov, A.V. 799(1998)275
- Righetti, P.G., see Zhukov, M.Yu. 766(1997)171
- Riley, C.M., see Miyawa, J.H. 769(1997)145
- Rimmer, D.A., see Johnson, P.D. 765(1997)3
- Rimmer, D.A., Johnson, P.D. and Brown, R.H.
Determination of phenoxy acid herbicides in vegetation, utilising high-resolution gel permeation chromatographic clean-up and methylation with trimethylsilyldiazomethane prior to gas chromatographic analysis with mass-selective detection 755(1996)245
- Ríos, A., see Arce, L. 791(1997)279
- Ríos, J.J., see Chaves, N. 799(1998)111
- Riquet, A.M., see Cottier, S. 771(1997)366
- Rissler, K.
Separation of polyester oligomers by gradient high-performance liquid chromatography 786(1997)85
- Rissler, K., see Fuchsleger, U. 777(1997)193
- Ristić, P., see Mihajlović, A. 798(1998)173
- Ristov, T., see Petrushevská-Tozi, L. 757(1997)324
- Ritter, C., see Gilliard, J.A. 758(1997)1
- Ritter, C., see Gilliard, J.A. 786(1997)1
- Ritter, G., see Catimel, B. 776(1997)15
- Ritter, G., see Moritz, R.L. 798(1998)91
- Riva, S., see Chiari, M. 781(1997)347
- Rivasseau, C., Martins, S. and Hennion, M.-C.
Determination of some physicochemical parameters of microcystins (cyanobacterial toxins) and trace level analysis in environmental samples using liquid chromatography 799(1998)155
- Rivera, J., see Abad, E. 786(1997)125
- Rivera, J.F.L., see Collins, C.H. 789(1997)469
- Rivera, J.M., see Bernal, J.L. 754(1996)145
- Rivera, J.M., see Bernal, J.L. 754(1996)507
- Rivera, J.M.^a, see Bernal, J.L. 778(1997)111
- Rivera, J.M.^a, see Jiménez, J.J. 778(1997)289
- Rivero-Urgell, M., see Rodríguez-Palmero, M. 778(1997)435
- Rivero-Urgell, M., see Rodríguez-Palmero, M. 793(1998)435
- Riviello, J., see Cardellinio, N. 770(1997)185
- Riviello, J.M., see Lu, H. 800(1998)247
- Riviello, J.M., see Rey, M.A. 789(1997)149
- Rivier, L., see Sadeghipour, F. 761(1997)71
- Rizzi, A., see Cladrowa-Runge, S. 759(1997)157
- Rizzi, A., see Cladrowa-Runge, S. 759(1997)167
- Rizzi, A., see Linnemayr, K. 791(1997)299
- Rizzo, V., Montalbetti, L., Rozza, A.L., Bolzani, W., Porta, C., Balduzzi, G., Scoglio, E. and Moratti, R.
Nitrite/nitrate balance during photoinduced cerebral ischemia in the rat determined by high-performance liquid chromatography with UV and electrochemical detection 798(1998)103

- Robert, F., see Bert, L. 755(1996)99
 Roberts, D.J., see Ellis, L.A. 774(1997)3
 Robichaud, M., see Griffith, C.M. 776(1997)179
 Robinson, M.L., see Frame, L.A. 798(1998)243
 Roboz, J., see Prokai, L. 800(1998)59
 Rocca, J.L., see Albert, M. 757(1997)281
 Rocca, J.L., see Albert, M. 757(1997)291
 Rocca, J.L., see Debusschère, L. 779(1997)227
 Rockwell, G.F., see Nelson, B.C. 771(1997)285
 Rockwood, A., see Muddiman, D.C. 771(1997)1
 Rockwood, A.L., see Lazar, I.M. 791(1997)269
 Roden, C., see James, K.J. 777(1997)213
 Rodrigues, A.E., see Pais, L.S. 769(1997)25
 Rodríguez-Delgado, M.A., see Cifuentes, A. 778(1997)389
 Rodríguez-Díaz, R., Zhu, M. and Wehr, T.
 Strategies to improve performance of capillary isoelectric focusing 772(1997)145
 Rodriguez, E., see Nozal, M^a.J. 778(1997)347
 Rodríguez Gonzalo, E., see Carabias Martínez, R. 754(1996)85
 Rodríguez, I., Mejuto, M.C., Bollaín, M.H. and Cela, R.
 Evaluation of two solid-phase extraction procedures for the preconcentration of chlorophenols in drinking water 786(1997)285
 Rodríguez, I., Santamarina, M., Bollaín, M.H., Mejuto, M.C. and Cela, R.
 Speciation of organotin compounds in marine biomaterials after basic leaching in a non-focused microwave extractor equipped with pressurized vessels 774(1997)379
 Rodríguez, I., Turnes, M.I., Bollaín, M.H., Mejuto, M.C. and Cela, R.
 Determination of phenolic pollutants in drinking water by capillary electrophoresis in the sample stacking mode 778(1997)279
 Rodriguez, I., Zhang, Y., Lee, H.K. and Li, S.F.Y.
 Conventional capillary electrophoresis in comparison with short-capillary capillary electrophoresis and microfabricated glass chip capillary electrophoresis for the analysis of fluorescein isothiocyanate anti-human immunoglobulin G 781(1997)287
 Rodriguez, P.A., see Maeno, S. 791(1997)151
 Rodriguez, S., see Wolfender, J.-L. 794(1998)299
 Rodríguez-Palmero, M., Lopez-Sabater, M.C., Castellote-Bargallo, A.I., De La Torre-Boronat, M.C. and Rivero-Urgell, M.
 Comparison of two methods for the determination of fatty acid profiles in plasma and erythrocytes 778(1997)435
 Rodríguez-Palmero, M., Lopez-Sabater, M.C., Castellote-Bargallo, A.I., De La Torre-Boronat, M.C. and Rivero-Urgell, M.
 Erratum to "Comparison of two methods for the determination of fatty acid profiles in plasma and erythrocytes" [J. Chromatogr. A, 778 (1997) 435–440] 793(1998)435
 Rodríguez-Plasencia, F.J., Navarro-Villoslada, F., Pérez-Arribas, L.V., León-González, M.E. and Polo-Díez, L.M.
 Preconcentration of triazine herbicides from water by an ion chromatography column and determination by gas chromatography-mass spectrometry 760(1997)314
 Rodríguez-Vázquez, J.A., see Leão, J.M. 798(1998)131
 Roeraade, J., see Hult, E.L. 757(1997)255
 Roets, E., see Adams, E. 766(1997)133
 Roets, E., see Liu, L. 764(1997)43
 Roets, E., see Yongxin, Z. 773(1997)147
 Roets, E., see Zhu, Y. 781(1997)417
 Roets, E., see Zhu, Y. 792(1997)83
 Rogstad, A., see Aase, B. 764(1997)223
 Rohde, E., see Vogt, C. 781(1997)391
 Rohde, E., see Wittrisch, H. 781(1997)407
 Roig-Navarro, A., see Serrano, R. 778(1997)151
 Rojas-Hernández, A., see Havel, J. 793(1998)317
 Rokushika, S. and Yamamoto, F.M.
 Retention behavior of nitrite on a reversed-phase column with an acidic aqueous eluent containing alcohol as a modifier 789(1997)207
 Roldán, J.M., see Merino, M.T. 760(1997)173
 Rollag, J.G. and Hage, D.S.
 Non-linear elution effects in split-peak chromatography II. Role of ligand heterogeneity in solute binding to columns with adsorption-limited kinetics 795(1998)185
 Rollag, J.G., Liu, T. and Hage, D.S.
 Optimization of post-column chemiluminescent detection for low-molecular-mass conjugates of acridinium esters 765(1997)145
 Romele, L., see Achilli, M. 770(1997)29
 Romero, E., see Sánchez-Rasero, F. 799(1998)355
 Róna, K., see Ary, K. 797(1998)221
 Róna, K., Ary, K., Ondi, S. and Gachályi, B.
 Validated liquid chromatographic method for the determination of N-3-(2,2,5,5-tetramethyl-3-pirrolin-3-carboxamido)propylphthalimide hydrochloride, a novel antiarrhythmic agent in human plasma 797(1998)265
 Roos, N., Ganzler, K., Szemán, J. and Fanali, S.
 Systematic approach to cost- and time-effective method development with a starter kit for chiral separations by capillary electrophoresis 782(1997)257
 Roos, N., see Szemán, J. 763(1997)139
 Roose, P. and Brinkman, U.A.Th.
 Determination of volatile organic compounds in marine biota 799(1998)233
 Root, T.W., see Lightfoot, E.N. 760(1997)139
 Root, T.W., see Lode, F.G. 796(1998)3
 Root, T.W., see Perkins, T.W. 766(1997)1
 Roques, C., see Arellano, M. 781(1997)497
 Rosen, R.T., see Zrybko, C.L. 767(1997)43
 Rosenberg, E., see Silgoner, I. 768(1997)259
 Rosenfeld, A., see Lode, F.G. 796(1998)3
 Roses, M., see Abraham, M.H. 752(1996)243
 Ross, G.A., see Soga, T. 767(1997)223
 Ross, L., see Brown, P. 754(1996)463
 Rossetti, D.V., see Castagnola, M. 792(1997)57
 Rossi, D.T., see Kagel, J.R. 763(1997)129
 Rossi, M., see Frassanito, R. 795(1998)53
 Rostkowski, A., see Blądek, J. 754(1996)273
 Rotilio, D., see Frassanito, R. 795(1998)53
 Roubani-Kalantzopoulou, F., see Abatzoglou, Ch. 775(1997)211
 Roubani-Kalantzopoulou, F., see Katsanos, N.A. 795(1998)133
 Roubani-Kalantzopoulou, F., see Zahariou-Rakanta, H. 776(1997)275
 Rouchaud, J.-C., see Sandier, A. 776(1997)93

- Roulet, R., see Lederer, M. 769(1997)325
- Roussel, C. and Suteu, C.
Investigation into the chiral recognition mechanism of N-arylthiazolin-2(thi)one atropisomers on Chiracel OJ by factorial design and lipophilicity approaches 761(1997)129
- Row, K.H.
Comparison of retention models for the dependence of retention factors on mobile phase composition in reversed-phase high-performance liquid chromatography 797(1998)23
- Rowland, A.P., see Woods, C. 789(1997)287
- Rozemeijer, M.J.C., Green, N., Jiménez, B., Adrichem, M.A., Olie, K. and de Voogt, P.
Integrating gel permeation chromatography clean-up in the analysis of metabolites of polychlorinated biphenyls, dibenzo-*p*-dioxins and dibenzofurans extracted from a microsomal assay. A comparison of different mobile phases 755(1996)57
- Rozemeijer, M.J.C., Olie, K. and de Voogt, P.
Procedures for analysing phenolic metabolites of polychlorinated dibenzofurans, -dibenzo-*p*-dioxins and -biphenyls extracted from a microsomal assay: optimising solid-phase adsorption clean-up and derivatisation methods 761(1997)219
- Rozing, G.P., see Wolf, C. 782(1997)175
- Rózyto, J.K., see Nasuto, R. 762(1997)27
- Rózyto, J.K., see Niewiadomy, A. 791(1997)237
- Rozza, A.L., see Rizzo, V. 798(1998)103
- Ru, M., see Vidyasankar, S. 775(1997)51
- Ruana, J., see Urbe, I. 778(1997)337
- Rubiolo, P., see Bicchi, C. 779(1997)315
- Rudolph, A., see Van der Hoeven, R.A.M. 762(1997)193
- Rueda, E.L., see de Barreda Jr., D.G. 795(1998)125
- Ruiz, M.J., Redondo, M.J. and Font, G.
Solid-phase extraction disks for determining pesticides from soil leachates 776(1997)348
- Ruiz-Calero, V., Puignou, L., Galceran, M.T. and Diez, M.
Coupling high-performance size exclusion and ion chromatography for the analysis of low-molecular-mass heparin 775(1997)91
- Ruiz de Erenchun, N., Goicolea, M.A., Gomez de Balugera, Z., Portela, M.J. and Barrio, R.J.
Determination of herbicides by reductive amperometric detection in liquid chromatography 763(1997)227
- Runnels, P.L., see Weldon, M.K. 758(1997)293
- Rupčić, J., Blagović, B. and Marić, V.
Cell lipids of the *Candida lipolytica* yeast grown on methanol 755(1996)75
- Russon, L.M., see Whittal, R.M. 794(1998)367
- Ruterborries, K., see Surapaneni, S. 761(1997)249
- Rüttinger, H.-H., see Dunkel, R. 777(1997)355
- Rüttinger, H.-H., see Schwarz, M.A. 781(1997)377
- Rykowska, I., see Wasiak, W. 773(1997)209
- Ryu, J.W., see Park, J.H. 796(1998)249
- Ryu, Y.K., see Park, J.H. 796(1998)249
- S**
- Saari-Nordhaus, R. and Anderson, Jr, J.M.
Electrochemically regenerated ion suppressors, new suppressors for ion chromatography 782(1997)75
- Saari-Nordhaus, R., see Nair, L.M. 789(1997)127
- Saari-Nordhaus, R., Nair, L.M., Montgomery, R.M. and Anderson, Jr, J.M.
Electro-elution ion chromatography: controlling sample retention by electrochemically generating or modifying the mobile phase 782(1997)69
- Sabala, A., Portillo, J.L., Broto-Puig, F. and Comellas, L.
Development of a new high-performance liquid chromatography method to analyse N-methylcarbamate insecticides by a simple post-column derivatization system and fluorescence detection 778(1997)103
- Saccani, G., see Trifirò, A. 770(1997)243
- Sacchero, G., Bruzzoniti, M.C., Sarzanini, C., Mentasti, E., Metting, H.J. and Coenegracht, P.M.J.
Comparison of prediction power between theoretical and neural-network models in ion-interaction chromatography 799(1998)35
- Sacher, F., Lenz, S. and Brauch, H.-J.
Analysis of primary and secondary aliphatic amines in waste water and surface water by gas chromatography–mass spectrometry after derivatization with 2,4-dinitrofluorobenzene or benzenesulfonyl chloride 764(1997)85
- Sadeghipour, F., Giroud, C., Rivier, L. and Veuthey, J.-L.
Rapid determination of amphetamines by high-performance liquid chromatography with UV detection 761(1997)71
- Sadeghipour, F. and Veuthey, J.-L.
Sensitive and selective determination of methylenedioxylated amphetamines by high-performance liquid chromatography with fluorimetric detection 787(1997)137
- Sadler, B.R., Chae, K., Ishaq, K.S. and Korach, K.S.
Separation of indenestrol A and B isomers and enantiomers by high-performance liquid chromatography 799(1998)117
- Sadio, S.
Adaptation of the internal standard method to a pesticide residues study in/on plants 765(1997)115
- Sáenz, M.T., see García, M.D. 767(1997)340
- Šafařík, I., see Tříška, J. 793(1998)403
- Šafaříková, M., see Tříška, J. 793(1998)403
- Safni, see Takeuchi, T. 789(1997)201
- Sagara, K., see Suto, K. 786(1997)366
- Sagara, K., see Suto, K. 786(1997)371
- Sagrado, S., see Argilés, F. 778(1997)67

- Saim, N., Dean, J.R., Abdullah, Md.P. and Zakaria, Z.
Extraction of polycyclic aromatic hydrocarbons from contaminated soil using Soxhlet extraction, pressurised and atmospheric microwave-assisted extraction, supercritical fluid extraction and accelerated solvent extraction 791(1997)361
- Saito, K., see Kiyohara, S. 758(1997)209
- Saito, K., see Kubota, N. 782(1997)159
- Saito, M., see Chankvetadze, B. 773(1997)331
- Saito, Y., see Jinno, K. 754(1996)137
- Saitoh, A., see Miura, Y. 770(1997)157
- Saitoh, K., see Katsuta, S. 780(1997)165
- Saiz-Jimenez, C., see Trubetskoy, O.A. 767(1997)285
- Sajiki, J. and Kakimi, H.
Identification of eicosanoids in the red algae, *Gracilaria asiatica*, using high-performance liquid chromatography and electrospray ionization mass spectrometry 795(1998)227
- Sajonz, P., see Yun, T. 760(1997)3
- Sajonz, P., Zhong, G. and Guiochon, G.
Extension of the shock layer theory to the case of a linear dependence of the axial dispersion and the mass transfer coefficients on the concentration 786(1997)195
- Sakai, M., see Tanabe, A. 754(1996)159
- Sakai, T., see Yamanaka, M. 789(1997)259
- Sakairi, M. and Kato, Y.
Multi-atmospheric pressure ionisation interface for liquid chromatography–mass spectrometry 794(1998)391
- Sakuragawa, A., see Okutani, T. 788(1997)113
- Sakurai, H., see Hamai, S. 800(1998)327
- Salau, J.S., Honing, M., Tauler, R. and Barceló, D.
Resolution and quantitative determination of coeluted pesticide mixtures in liquid chromatography–thermospray mass spectrometry by multivariate curve resolution 795(1998)3
- Salau, J.S., see Lacorte, S. 795(1998)71
- Saleh, M.I. and Pok, F.W.
Separation of primary and secondary amines as their sulfonamide derivatives by reversed-phase high-performance liquid chromatography 763(1997)173
- Salen, G., see Batta, A.K. 766(1997)286
- Salih, B., see Denizli, A. 758(1997)217
- Salih, B., see Denizli, A. 773(1997)169
- Salih, B., see Denizli, A. 793(1998)47
- Salikof, D.A., see Nittler, M.P. 779(1997)205
- Salimi-Moosavi, H. and Cassidy, R.M.
Selectivity control in the non-aqueous capillary electrophoretic separation of amino acids 790(1997)185
- Salinas, F., see Galeano Díaz, T. 764(1997)243
- Salmon, C.P., see Knize, M.G. 763(1997)179
- Salvador, A., Herbreteau, B., Lafosse, M. and Dreux, M.
Subcritical fluid chromatography of monosaccharides and polyols using silica and trimethylsilyl columns 785(1997)195
- Salvadori, P., see Iuliano, A. 786(1997)355
- Salvayre, R., see Zuriguel, V. 781(1997)233
- Samczyński, Z. and Dybczyński, R.
Some examples of the use of amphoteric ion-exchange resins for inorganic separations 789(1997)157
- Samperi, R., see Zanette, M. 756(1996)159
- Samsonov, G.V., see Demin, A.A. 760(1997)105
- Sanagi, M.M., Hung, W.P. and Yasir, S.M.
Supercritical fluid extraction of pyrazines in roasted cocoa beans. Effect of pod storage period 785(1997)361
- Sanchez, F., see Herráiz, T. 765(1997)265
- Sánchez, F.G., Díaz, A.N. and Pareja, A.G.
Enantiomeric resolution of pyrethroids by high-performance liquid chromatography with diode-laser polarimetric detection 754(1996)97
- Sanchez, J.-C., see Yan, J.X. 764(1997)201
- Sánchez, M.J., see Cifuentes, A. 778(1997)389
- Sánchez-Brunete, C., see Pérez, R.A. 778(1997)193
- Sánchez-Brunete, C., see Tadeo, J.L. 754(1996)347
- Sánchez-Camazano, M., see Sánchez-Martín, M.J. 754(1996)295
- Sánchez-Camazano, M., Sánchez-Martín, M.J., Poveda, E. and Iglesias-Jiménez, E.
Study of the effect of exogenous organic matter on the mobility of pesticides in soils using soil thin-layer chromatography 754(1996)279
- Sánchez-Martín, M.J., Delgado-Pascual, R., Iglesias-Jiménez, E. and Sánchez-Camazano, M.
Determination of linuron in aqueous soil extracts by high-performance liquid chromatography 754(1996)295
- Sánchez-Martín, M.J., see Sánchez-Camazano, M. 754(1996)279
- Sánchez-Rasero, F., Matallo, M.B., Dios, G., Romero, E. and Peña, A.
Simultaneous determination and enantiomeric resolution of mecoprop and dichlorprop in soil samples by high-performance liquid chromatography and gas chromatography–mass spectrometry 799(1998)355
- Sancho, J.V., see Hernández, F. 778(1997)171
- Sancho, J.V., Hidalgo, C. and Hernández, F.
Direct determination of bromacil and diuron residues in environmental water samples by coupled-column liquid chromatography and large-volume injection 761(1997)322
- Sander, L.C., see Bell, C.M. 753(1996)37
- Sander, L.C., see Bell, C.M. 757(1997)29
- Sander, L.C., see Dalluge, J.J. 793(1998)265
- Sander, L.C., see Johnson, C. 753(1996)201
- Sander, L.C., see Williams, K.L. 785(1997)149
- Sander, L.C., see Zhu, P.L. 756(1996)21
- Sander, L.C., see Zhu, P.L. 756(1996)63
- Sandier, A., Amiel, C., Sébille, B., Rouchaud, J.-C., Fedoroff, M. and Soltes, L.
Chromatographic method involving inductively coupled plasma atomic emission spectrometric detection for the study of metal–protein complexes 776(1997)93
- Sando, M., see Ohta, K. 752(1996)167
- Sandra, P., see De Smaele, T. 793(1998)99
- Sandra, P., see Krupčík, J. 779(1997)253
- Sandra, P., see Medvedovici, A. 785(1997)159
- Sänger-van de Griend, C.E., Gröningsson, K. and Arvidsson, T.
Enantiomeric separation of a tetrapeptide with cyclodextrin. Extension of the model for chiral capillary electrophoresis by complex formation of one enantiomer molecule with more than one chiral selector molecules 782(1997)271
- Sanghi, S.K., see van Bruijnsvoort, M. 757(1997)203
- Sanjust di Teulada, M.T., see Pirisi, F.M. 768(1997)207

- Santamarina, M., see Rodríguez, I. 774(1997)379
 Santiago-Silva, M., see Berdié, L. 778(1997)23
 Santiago-Silva, M., see Otero, R. 778(1997)87
 Santuste, J.M., see García-Domínguez, J.A. 787(1997)145
 Santos, F.J., see Puignou, L. 769(1997)293
 Santos, F.J., Sarrión, M.N. and Galceran, M.T.
 Analysis of chlorobenzenes in soils by headspace solid-phase microextraction and gas chromatography-ion trap mass spectrometry 771(1997)181
 Sanz, E., see Cifuentes, A. 778(1997)389
 Sanz, J., see Pérez-Coello, M.S. 778(1997)427
 Sappa, E., see Careri, M. 789(1997)461
 Sarfert, F.T. and Etzel, M.R.
 Mass transfer limitations in protein separations using ion-exchange membranes 764(1997)3
 Sarg, B., see Lindner, H. 782(1997)55
 Šarić, S., see Medić-Šarić, M. 776(1997)355
 Sarker, M., see Guiochon, G. 762(1997)83
 Sarmini, K. and Kenndler, E.
 Influence of organic solvents on the separation selectivity in capillary electrophoresis 792(1997)3
 Sarra, A., see Sicbaldi, F. 765(1997)13
 Sarra, A., see Sicbaldi, F. 765(1997)23
 Sarrazin, L., Arnoux, A. and Rebouillon, P.
 High-performance liquid chromatographic analysis of a linear alkylbenzenesulfonate and its environmental biodegradation metabolites 760(1997)285
 Sarrión, M.N., see Santos, F.J. 771(1997)181
 Sarzanini, C., see Bruzzoniti, M.C. 770(1997)13
 Sarzanini, C., see Bruzzoniti, M.C. 770(1997)51
 Sarzanini, C. and Mentasti, E.
 Determination and speciation of metals by liquid chromatography 789(1997)301
 Sarzanini, C., see Sacchero, G. 799(1998)35
 Sass, J.O. and Endres, W.
 Quantitation of total homocysteine in human plasma by derivatization to its N(O,S)-propoxycarbonyl propyl ester and gas chromatography-mass spectrometry analysis 776(1997)342
 Sato, H., Yaeda, T. and Hishioka, Y.
 Separation and detection of vanadate, tungstate, molybdate and chromate ions 789(1997)267
 Sato, M., Yoshimura, H., Shimmura, T., Obi, H., Hatakeyama, S.-i., Kaneko, E., Hoshino, H. and Yotsuyanagi, T.
 Fluorometric determination of serum and urinary aluminium with 8-quinolinol by kinetic-differentiation-mode micellar chromatography 789(1997)361
 Sato, T., see Gao, J.Y. 766(1997)233
 Sato, T., see Machida, Y. 757(1997)73
 Sato, T., see Nishi, H. 757(1997)225
 Sato, T., see Yaku, K. 773(1997)277
 Sato, T., see Yaku, K. 785(1997)185
 Satou, Y., see Kurosu, Y. 771(1997)311
 Satzger, R.D., see Lin, L.A. 762(1997)275
 Sauerwald, N., see Polster, J. 800(1998)121
 Saulnier, J., see Vessillier, S. 776(1997)133
 Saunois, A., see Bonté, F. 791(1997)231
 Sauter, T., see Schmeer, K. 777(1997)67
 Saz, J.M., see Benito, I. 778(1997)77
 Sázelová, P., see Kašička, V. 772(1997)221
 Sázelová, P., see Kašička, V. 796(1998)211
 Scalia, S., Callegari, R. and Villani, S.
 Determination of glycolic acid in cosmetic products by solid-phase extraction and reversed-phase ion-pair high-performance liquid chromatography 795(1998)219
 Scarpi, C., Ninci, F., Centini, M. and Anselmi, C.
 High-performance liquid chromatography determination of direct and temporary dyes in natural hair colourings 796(1998)319
 Schacht, E., see Matthijs, G. 755(1996)1
 Schachterle, S. and Feigel, C.
 Pesticide residue analysis in fresh produce by gas chromatography-tandem mass spectrometry 754(1996)411
 Schader, M., see Reznicek, G. 755(1996)133
 Schaefer, W.H., see Tiller, P.R. 794(1998)15
 Schaeffler, I., see Weissenberg, M. 757(1997)89
 Schäfer, K.P., see Volz, J. 800(1998)29
 Schaupp, C., see Hahn, R. 795(1998)277
 Schilling, A.B., see van Breemen, R.B. 794(1998)245
 Schirm, B., see Kunkel, A. 768(1997)17
 Schlaggenhaufen, C., see Goessler, W. 789(1997)233
 Schlitt, H.
 Impinger sampling coupled to high-performance liquid chromatography by a modified autoinjector interface 762(1997)187
 Schlotterbeck, G., see Strohschein, S. 765(1997)207
 Schlunk, R., see Koppenhoefer, B. 793(1998)153
 Schmeer, K., Sauter, T. and Schmid, J.
 Rapid pharmacokinetic screening of salbutamol in plasma samples by column-switching high-performance liquid chromatography-electrospray mass spectrometry 777(1997)67
 Schmid, H.R., see Liebich, H.M. 763(1997)193
 Schmid, J., see Schmeer, K. 777(1997)67
 Schmid, M.G., see Gübitz, G. 792(1997)179
 Schmid, M.G., see Jira, T. 761(1997)269
 Schmidt-Traub, H., see Altenhöner, U. 769(1997)59
 Schmidt-Traub, H., see Meurer, M. 769(1997)71
 Schmidt-Traub, H., see Strube, J. 769(1997)81
 Schmidt, U., see Reznicek, G. 755(1996)133
 Schmidt, U., see Svoboda, L. 767(1997)107
 Schmitt, Ph., Garrison, A.W., Freitag, D. and Kettrup, A.
 Application of cyclodextrin-modified micellar electrokinetic chromatography to the separations of selected neutral pesticides and their enantiomers 792(1997)419
 Schmitz, O. and Gäb, S.
 Separation of isomeric hydroperoxides of unsaturated fatty acids by capillary electrophoresis 767(1997)249
 Schmitz, O. and Gäb, S.
 Separation of unsaturated fatty acids and related isomeric hydroperoxides by micellar electrokinetic chromatography 781(1997)215
 Schneider, G.M., see Kautz, C.B. 776(1997)305
 Schneider, M., see Liu, Y.-M. 800(1998)345
 Schneiderman, M.A., Sharma, A.K. and Locke, D.C.
 Determination of vitamin A palmitate in cereal products using supercritical fluid extraction and liquid chromatography with electrochemical detection 765(1997)215

- Schnierle, P. and Hauser, P.C.
Prevention of peak overlap in the capillary electrophoretic separation of inorganic cations by use of a positively charged coated capillary 779(1997)347
- Schoonmakers, P., see Vander Heyden, Y. 756(1996)89
- Schofield, J. and Asaf, M.
Analysis of sulphonated phthalocyanine dyes by capillary electrophoresis 770(1997)345
- Scholten, A.B., Claessens, H.A., de Haan, J.W. and Cramers, C.A.
Chromatographic activity of residual silanols of alkylsilane derivatized silica surfaces 759(1997)37
- Schouten, Y., see Veraart, J.R. 768(1997)307
- Schrader, M., Jürgens, M., Hess, R., Schulz-Knappe, P., Raida, M. and Forssmann, W.-G.
Matrix-assisted laser desorption/ionisation mass spectrometry guided purification of human guanylin from blood ultrafiltrate 776(1997)139
- Schrader, M., see Schulz-Knappe, P. 776(1997)125
- Schreier, P., see Richling, E. 791(1997)71
- Schröder, H.F.
Analysis of polar organic pollutants in the Elbe river by flow injection analysis and high-performance liquid chromatography with tandem mass spectrometry 777(1997)127
- Schuhmacher, M., see Volz, J. 800(1998)29
- Schulte, G., see Chankvetadze, B. 798(1998)315
- Schulte, G., Chankvetadze, B. and Blaschke, G.
Enantioseparation in capillary electrophoresis using 2-hydroxypropyltrimethylammonium salt of β -cyclodextrin as a chiral selector 771(1997)259
- Schulte, G., see Fanali, S. 800(1998)69
- Schulte, G., Heitmeier, S., Chankvetadze, B. and Blaschke, G.
Chiral capillary electrophoresis-electrospray mass spectrometry coupling with charged cyclodextrin derivatives as chiral selectors 800(1998)77
- Schulte, M., Ditz, R., Devant, R.M., Kinkel, J.N. and Charton, F.
Comparison of the specific productivity of different chiral stationary phases used for simulated moving-bed chromatography 769(1997)93
- Schulte, M., see Seebach, D. 796(1998)299
- Schulte, M., see Strube, J. 769(1997)81
- Schulz-Knappe, P., see Schrader, M. 776(1997)139
- Schulz-Knappe, P., Schrader, M., Ständker, L., Richter, R., Hess, R., Jürgens, M. and Forssmann, W.-G.
Peptide bank generated by large-scale preparation of circulating human peptides 776(1997)125
- Schulz, P., see Josić, D. 796(1998)289
- Schulz, P.M., see Hahn, R. 795(1998)277
- Schunk, T.C., see Rao, B. 755(1996)27
- Schurig, V., see Grosenick, H. 761(1997)181
- Schurig, V., see Gross, B. 791(1997)65
- Schurig, V., see Hofstetter, H. 764(1997)35
- Schurig, V. and Juza, M.
Approach to the thermodynamics of enantiomer separation by gas chromatography. Enantioselectivity between the chiral inhalation anesthetics enflurane, isoflurane and desflurane and a diluted γ -cyclodextrin derivative 757(1997)119
- Schurig, V., see Juza, M. 769(1997)119
- Schurig, V., Negura, S., Mayer, S. and Reich, S.
Enantiomer separation on a Chirasil-Dex-polymer-coated stationary phase by conventional and micro-packed high-performance liquid chromatography 755(1996)299
- Schurig, V., see Vetter, W. 774(1997)143
- Schuster, A., Bernhardt, G., Eibler, E., Buschauer, A. and Hesselink, W.
Chiral separation of 3-phenyl-3-(2-pyridyl)propylamines, and analogous guanidines and guanidine-N-carboxylic acid esters with high-performance liquid chromatography and capillary zone electrophoresis 793(1998)77
- Schütz, S., Vedder, H., Düring, R.-A., Weissbecker, B. and Hummel, H.E.
Analysis of the herbicide clopyralid in cultivated soils 754(1996)265
- Schwartz, J., see Tiller, P.R. 771(1997)119
- Schwartz, J.-J., see Huebert, N.D. 762(1997)293
- Schwarz, B.C.E., see Bayents, J.C. 779(1997)165
- Schwarz, M.A., Raith, K., Rüttiger, H.H., Dongowski, G. and Neubert, R.H.H.
Investigation of the interactions between drugs and mixed bile salt/lecithin micelles. A characterization by micellar affinity capillary electrophoresis (MACE). Part III 781(1997)377
- Schwarz, U., see Chen, Y. 772(1997)129
- Schwedt, G., see Padarauskas, A. 773(1997)351
- Schwedt, G., see Padarauskas, A. 800(1998)369
- Schweitz, L., Andersson, L.I. and Nilsson, S.
Capillary electrochromatography with molecular imprint-based selectivity for enantiomer separation of local anaesthetics 792(1997)401
- Schwinn, H., see Josić, D. 796(1998)289
- Schwinn, H., see Štrancar, A. 760(1997)117
- Scoble, J.A. and Scopes, R.K.
Assay for determining the number of reactive groups on gels used in affinity chromatography and its application to the optimisation of the epichlorohydrin and divinylsulfone activation reactions 752(1996)67
- Scoble, J.A. and Scopes, R.K.
Ligand structure of the divinylsulfone-based T-gel 787(1997)47
- Scoglio, E., see Rizzo, V. 798(1998)103
- Scopes, R.K., see Scoble, J.A. 752(1996)67
- Scopes, R.K., see Scoble, J.A. 787(1997)47
- Scott, A.M., see Catimel, B. 776(1997)15
- Scott, P.M., Weber, D. and Kanhere, S.R.
Gas chromatography-mass spectrometry of *Alternaria* mycotoxins 765(1997)255
- Seaman, S.W., see Sen, N.P. 788(1997)131
- Sébille, B., see Millot, M.C. 776(1997)37
- Sébille, B., see Sandier, A. 776(1997)93
- Sébille, B., see Taleb, N.L. 776(1997)45
- Seebach, D., Hoffmann, M., Sting, A.R., Kinkel, J.N., Schulte, M. and Küsters, E.
Chromatographic resolution of synthetically useful chiral glycine derivatives by high-performance liquid chromatography 796(1998)299

- Sega, G.A., Tomkins, B.A. and Griest, W.H.
Analysis of methylphosphonic acid, ethyl methylphosphonic acid and isopropyl methylphosphonic acid at low microgram per liter levels in groundwater 790(1997)143
- Segonds, C., see Fabre, H. 772(1997)265
- Seidel-Morgenstern, A., see Heuer, C. 752(1996)19
- Seigle-Murandi, F., see Oubrahim, H. 758(1997)145
- Sekowski, M., see Murray, A. 782(1997)49
- Sellergren, B., see Dauwe, C. 753(1996)191
- Semchuk, P.D., see D'Agostino, P.A. 800(1998)89
- Semenova, O.P., see Timerbaev, A.R. 756(1996)300
- Sen, N.P., Seaman, S.W. and Page, B.D.
Rapid semi-quantitative estimation of N-nitrosodibutylamine and N-nitrosodibenzylamine in smoked hams by solid-phase microextraction followed by gas chromatography-thermal energy analysis 788(1997)131
- Senso, A., see Franco, P. 796(1998)265
- Sepaniak, M.J., see Aguilar, M. 778(1997)201
- Sequeda, L.G., see Stashenko, E.E. 779(1997)360
- Sereda, T.J., Mant, C.T. and Hodges, R.S.
Use of sodium perchlorate at low pH for peptide separations by reversed-phase liquid chromatography.
Influence of perchlorate ion on apparent hydrophilicity of positively charged amino acid side-chains 776(1997)153
- Serfass, R.E., see Liang, Y. 800(1998)51
- Serna, M.L., see Pocurull, E. 755(1996)67
- Serna, M^a.L., see Bernal, J.L. 778(1997)321
- Serpé, L., see Draisici, R. 777(1997)201
- Serra, C., see Aguilar, M. 778(1997)201
- Serrano, R., López, F.J., Roig-Navarro, A. and Hernández, F.
Automated sample clean-up and fractionation of chlorpyrifos, chlorpyrifos-methyl and metabolites in mussels using normal-phase liquid chromatography 778(1997)151
- Servant, R.E., see Gautier, E.A. 770(1997)75
- Seubert, A. and Klingenberg, A.
Sulfoacylated macroporous polystyrene-divinylbenzene: a new type of cation exchanger for the analysis of multivalent metal cations 782(1997)149
- Ševčík, J.G.K., see Kubáťová, A. 752(1996)197
- Seymour, M., see Creaser, C.S. 794(1998)37
- Shaffer, D., see Morley, J. 766(1997)77
- Shahgholi, M., see Wunschel, D.S. 776(1997)205
- Shainoff, J.R., see Liu, Y. 753(1996)63
- Sharma, A.K., see Schneiderman, M.A. 765(1997)215
- Sharma, J.L., see Buldini, P.L. 789(1997)549
- Sharma, O.P., Sharma, S. and Dawra, R.K.
Reversed-phase high-performance liquid chromatographic separation and quantification of lantadenes using isocratic systems 786(1997)181
- Sharma, S., see Sharma, O.P. 786(1997)181
- Sharpe, A.D., see Adachi, T. 763(1997)57
- Shaw, K., see Brown, P. 754(1996)463
- Shaw, P.N., see Wan, Q.-H. 765(1997)187
- Shaw, P.N., see Wan, Q.-H. 786(1997)249
- Shea, D., see Penmetsa, K.V. 766(1997)225
- Shea, D., see Penmetsa, K.V. 790(1997)225
- Sheldrick, W.S., see Siebert, A.F.M. 761(1997)115
- Shelton, C.M., Koch, J.T., Desai, N. and Wheeler, J.F.
Enhanced selectivity for capillary zone electrophoresis using ion-pair agents 792(1997)455
- Shen, X. and Giese, R.W.
Hydrazide as a ligand moiety in immobilized metal ion affinity chromatography. Separation of BO-IMI and BODIPY-hydrazide 777(1997)261
- Shen, Y. and Lee, M.L.
High speed solvating gas chromatography using packed capillaries containing sub-5 µm particles 778(1997)31
- Sherlock, I.R., see James, K.J. 798(1998)147
- Sheu, S.-J., see Chu, C.-Y. 756(1996)137
- Sheu, S.-J., see Chuang, W.-C. 755(1996)19
- Sheu, S.-J., see Lee, M.-C. 755(1996)113
- Sheu, S.-J., see Wu, H.-K. 753(1996)139
- Shi, H., Taylor, L.T. and Fujinari, E.M.
Chemiluminescence nitrogen detection for packed-column supercritical fluid chromatography with methanol modified carbon dioxide 757(1997)183
- Shi, H., Taylor, L.T., Fujinari, E.M. and Yan, X.
Sulfur-selective chemiluminescence detection with packed column supercritical fluid chromatography 779(1997)307
- Shi, L., see Zhang, X.-S. 789(1997)485
- Shi, Yu.F., see Liang, F.T. 764(1997)143
- Shibamoto, T., see Stashenko, E.E. 752(1996)209
- Shibusawa, Y., Hagiwara, Y., Chao, Z., Ma, Y. and Y. Ito,
Application of high-speed counter-current chromatography to the separation of coumarin and related compounds 759(1997)47
- Shigeoka, S., see Takahashi, M. 775(1997)137
- Shihabi, Z.K., see Friedberg, M.A. 781(1997)35
- Shihabi, Z.K., see Friedberg, M.A. 781(1997)491
- Shijo, Y., see Uehara, N. 789(1997)395
- Shima, M., see Toida, T. 787(1997)266
- Shimasaki, C., see Ono, S. 752(1996)287
- Shimmura, T., see Sato, M. 789(1997)361
- Shin, H.-S., see Oh-Shin, Y.-S. 769(1997)285
- Shindo, N., see Kurosu, Y. 752(1996)279
- Shindo, N., see Kurosu, Y. 771(1997)311
- Shiraishi, H., see Yasuhara, A. 774(1997)321
- Shiroishi, A., see Ono, S. 752(1996)287
- Shisa, Y., see Kurosu, Y. 752(1996)279
- Shisa, Y., see Kurosu, Y. 771(1997)311
- Shneine, J., see Hollender, J. 776(1997)233
- Shipgun, O.A., see Elefterov, A.I. 769(1997)179
- Shipgun, O.A., see Krokhin, O.V. 772(1997)339
- Shipgun, O.A., see Krokhin, O.V. 776(1997)329
- Shushan, B., see Zeng, L. 794(1998)3
- Shyu, Y.-Y., see Wu, H.-L. 769(1997)201
- Sicbaldi, F., Sarra, A. and Copeta, G.L.
Diatomaceous earth-assisted extraction for the multiresidue determination of pesticides 765(1997)23
- Sicbaldi, F., Sarra, A., Mutti, D. and Bo, P.F.
Use of gas-liquid chromatography with electron-capture and thermionic-sensitive detection for the quantitation and identification of pesticide residues 765(1997)13
- Sidamonidze, S., see Chankvetadze, B. 787(1997)67

- Siebert, A.F.M., Fröhling, C.D.W. and Sheldrick, W.S.
Reversed-phase liquid chromatographic separation of platinum(II) complexes of methionine- and histidine-containing peptides using perfluorinated carboxylic acids as ion-pairing reagents 761(1997)115
- Sierzchata, A., see Kotyński, A. 773(1997)285
- Sigouin, L., see Wang, Z. 775(1997)251
- Silberring, J. and Nyberg, F.
Rapid analysis of endogenous LVV-hemorphin-7 in cerebrospinal fluid by size-exclusion chromatography and electrospray ionization mass spectrometry 777(1997)41
- Siles, B.A., Nackerdien, Z.E. and Bruce Collier, G.
Analysis of DNA fragmentation using a dynamic size-sieving polymer solution in capillary electrophoresis 771(1997)319
- Silgoner, I., Rosenberg, E. and Grasserbauer, M.
Determination of volatile organic compounds in water by purge-and-trap gas chromatography coupled to atomic emission detection 768(1997)259
- Silva, T.P., see Borges, C. 770(1997)195
- Silveira, M.I.N., see Pena, A.L.S. 758(1997)324
- Simal Lozano, J., see García Falcón 753(1996)207
- Simat, T., see Van Wickern, B. 786(1997)57
- Siméon, N., see Nouadje, G. 765(1997)337
- Siméon, N., see Zuriguel, V. 781(1997)233
- Simmonds, M.S.J., see Stevenson, P.C. 766(1997)267
- Simo, R., see Sola, I. 778(1997)329
- Simò-Alfonso, E., Gelfi, C., Lucisano, M. and Righetti, P.G.
Performance of a series of novel N-substituted acrylamides in capillary electrophoresis of DNA fragments 756(1996)255
- Simonetti, M.S., see Damiani, P. 758(1997)109
- Simonsick Jr., W.J., see Prokai, L. 800(1998)59
- Simpson, G.I.C. and Jackson, Y.A.
Predictive strategies for determining retention indices of some allylic alcohols and their esters by gas chromatography 766(1997)141
- Simpson, J., see Sun, C. 800(1998)231
- Simpson, R.J., see Moritz, R.L. 798(1998)91
- Šimuničová, E., see Kaniansky, D. 772(1997)103
- Singh, R.P., Smesko, S.A. and Abbas, N.M.
Ion chromatographic characterization of toxic solutions: analysis and ion chemistry of biological liquids (Review) 774(1997)21
- Singh, S.B. and Kulshrestha, G.
Gas chromatographic analysis of polychlorinated dibenzo-*p*-dioxins and dibenzofurans 774(1997)97
- Singhal, R., Xian, J. and Otim, O.
Application of spherical and other polymers in capillary zone electrophoresis: separation of antiviral drugs and deoxyribonucleoside phosphates by different principles 756(1996)263
- Sinibaldi, M., see Padiglioni, P. 756(1996)119
- Sippy, A., see Biemer, T.A. 771(1997)355
- Sirén, H., see Kulomaa, A. 781(1997)523
- Sirén, H., Määttänen, A. and Riekkola, M.-L.
Determination of small anions by capillary electrophoresis using indirect UV detection with sulphonated nitrosonaphthol dyes 767(1997)293
- Sirén, H., see Riekkola, M.-L. 792(1997)13
- Sirén, H., see Wiedmer, S.K. 781(1997)239
- Siuzdak, G., see Kriwacki, R.W. 777(1997)23
- Sjöberg, P.J.R. and Markides, K.E.
New supercritical fluid chromatography interface probe for electrospray and atmospheric pressure chemical ionization mass spectrometry 785(1997)101
- Sjöberg, P.J.R., see Nyholm, L.M. 755(1996)153
- Skačáni, I., see Krupčík, J. 779(1997)253
- Skeen, J.T., see Dindal, A.B. 793(1998)397
- Škrbić, B.D.
Unified retention concept – statistical treatment of Kováts retention index 764(1997)257
- Skulberg, O.M., see James, K.J. 798(1998)147
- Škvarenina, S., see Komárek, K. 773(1997)219
- Skvortsov, A., see Gorbunov, A. 798(1998)187
- Skvortsov, A., see Trathnigg, B. 761(1997)21
- Skvortsov, A., see Trathnigg, B. 791(1997)21
- Šlais, K.
Separation power of isotachophoresis (displacement electrophoresis) with continuous pH and conductivity gradients 764(1997)309
- Šlais, K., see Horká, M. 791(1997)163
- Šlais, K., see Rejtar, T. 798(1998)223
- Šlais, K., see Šťastná, M. 768(1997)283
- Slater, G.W. and Treurniet, J.R.
Exactly solvable Ogston model of gel electrophoresis. III. Percolation and sieving through two-dimensional gels 772(1997)39
- Šlejkovec, Z., see van Elteren, J.T. 789(1997)339
- Slobodník, J., Louter, A.J.H., Vreuls, J.J., Liška, I. and Brinkman, U.A.Th.
Monitoring of organic micropollutants in surface water by automated on-line trace-enrichment liquid and gas chromatographic systems with ultraviolet diode-array and mass spectrometric detection 768(1997)239
- Small, G.J., see Zamzow, D. 781(1997)73
- Smart, N., see Lin, Y. 793(1998)107
- Smedsgaard, J.
Micro-scale extraction procedure for standardized screening of fungal metabolite production in cultures 760(1997)264
- Smesko, S.A., see Singh, R.P. 774(1997)21
- Smetana, I., see Yang, S.S. 754(1996)3
- Šmidovník, A., see Naglič, M. 767(1997)335
- Smit, H.C., see Kuldvee, R. 789(1997)247
- Smith, D.W., see Guan-Sajonz, H. 773(1997)33
- Smith, R., see O'Keefe, P.W. 771(1997)169
- Smith, R.D., see Muddiman, D.C. 771(1997)1
- Smith, R.M. and Burgess, R.J.
Superheated water as an eluent for reversed-phase high-performance liquid chromatography 785(1997)49
- Smith, R.M., Chienthavorn, O., Danks, N. and Wilson, I.D.
Fluorescence detection in packed-column supercritical fluid chromatographic separations 798(1998)203
- Smith, R.M., see Jain, A. 760(1997)319
- Smith, R.M. and Ma, L.
Chiral supercritical fluid chromatography of phenylpropanols and related compounds 785(1997)179
- Smith, R.M., see Zimina, T.M. 758(1997)191
- Smith, S.D., see Maeno, S. 791(1997)151

- Smith, S.H., Jordan, S.L., Taylor, L.T., Dwyer, J. and Willis, J.
Packed column supercritical fluid chromatography–mobile phase elimination Fourier transform infrared spectrometry employing modified fluids 764(1997)295
- Smyth, W.F., Harland, G.B., McClean, S., McGrath, G. and Oxspring, D.
Effect of on-capillary large volume sample stacking on limits of detection in the capillary zone electrophoretic determination of selected drugs, dyes and metal chelates 772(1997)161
- Snavely, K. and Subramanian, B.
Automatic gas chromatographic retention time matching applied to synthetic petroleum (Fischer-Tropsch) products, using HP Chemstation software 791(1997)197
- Sneden, A.T., see Reich, E. 763(1997)213
- Sng, M.T., Lee, F.K. and Lakso, H.
Solid-phase microextraction of organophosphorus pesticides from water 759(1997)225
- Snijders, H., Janssen, H.-G. and Cramers, C.
Optimization of temperature-programmed gas chromatographic separations. II. Off-line Simplex optimization and column selection 756(1996)175
- Snyder, D.S., see Hagen, S.R. 767(1997)53
- Snyder, L.R., see Dolan, J.W. 799(1998)21
- Snyder, L.R., see Zhu, P.L. 756(1996)21
- Snyder, L.R., see Zhu, P.L. 756(1996)41
- Snyder, L.R., see Zhu, P.L. 756(1996)51
- Snyder, L.R., see Zhu, P.L. 756(1996)63
- Snyder, L.R. and Bij, K.
Editorial 799(1998)IX
- Sobera, M., see Hetpet, J. 776(1997)337
- Soga, N., see Ishizuka, N. 797(1998)133
- Soga, N., see Minakuchi, H. 762(1997)135
- Soga, N., see Minakuchi, H. 797(1998)121
- Soga, T. and Ross, G.A.
Capillary electrophoretic determination of inorganic and organic anions using 2,6-pyridinedicarboxylic acid: effect of electrolyte's complexing ability 767(1997)223
- Sojo, L.E.
Study of the feasibility of the use of activated carbon membranes for the on-line cleanup of vegetable extracts in the determination of N-methylcarbamate pesticides by liquid chromatography 788(1997)87
- Sojo, L.E., Brocke, A., Fillion, J. and Price, S.M.
Application of activated carbon membranes for on-line cleanup of vegetable and fruit extracts in the determination of pesticide multiresidues by gas chromatography with mass selective detection 788(1997)141
- Sola, I., Ausio, X., Simo, R., Grimalt, J.O. and Ginebreda, A.
Quantitation of volatile sulphur compounds in polluted waters 778(1997)329
- Soltes, L., see Sandier, A. 776(1997)93
- Somsen, G.W., Jagt, I., Gooijer, C., Velthorst, N.H., Brinkman, U.A.Th. and Visser, T.
Identification of herbicides in river water using on-line trace enrichment combined with column liquid chromatography–Fourier-transform infrared spectrometry 756(1996)145
- Song, D. and Zhang, S.
Rapid determination of 1,4-dioxane in water by solid-phase extraction and gas chromatography–mass spectrometry 787(1997)283
- Song, J.M., Inoue, T., Kawazumi, H. and Ogawa, T.
Highly sensitive detection using laser two-photon excited fluorescence in capillary electrophoresis 765(1997)315
- Song, L., Xu, Z., Kang, J. and Cheng, J.
Analysis of environmental pollutants by capillary electrophoresis with emphasis on micellar electrokinetic chromatography 780(1997)297
- Sonzogni, W.C., see Noll, R.J. 775(1997)368
- Sonzogni, W.C., see Noll, R.J. 799(1998)259
- Soper, S.A., see Legendre Jr., B.L. 779(1997)185
- Sorgeloos, P., see Huo, J.-Z. 782(1997)63
- Soro, S., see Battinelli, L. 753(1996)47
- Soulard, M.-H., see Chassaing, C. 786(1997)13
- Souza, S.R., Tavares, M.F.M. and De Carvalho, L.R.F.
Systematic approach to the separation of mono- and hydroxycarboxylic acids in environmental samples by ion chromatography and capillary electrophoresis 796(1998)335
- Sozio, R., see Tiller, P.R. 794(1998)15
- Spagnoli, M., see Cartoni, G.P. 782(1997)219
- Spalding, R.F., see Cai, Z. 753(1996)243
- Špánik, I., see Krupčík, J. 779(1997)253
- Sparidans, R.W., den Hartigh, J., Beijnen, J.H. and Vermeij, P.
Derivatization of pamidronate and other amino(bis)phosphonates with different isothiocyanates prior to ion-pair liquid chromatography 782(1997)211
- Speksnijder, P., see Hogenboom, A.C. 777(1997)81
- Speksnijder, P., see Vreeken, R.J. 794(1998)187
- Spence, P.L., see Pirkle, W.H. 775(1997)81
- Spence, P.L., see Wolf, C. 782(1997)175
- Spencer, B.J. and Purdy, W.C.
Comparison of the separation of fat-soluble vitamins using β-cyclodextrins in high-performance liquid chromatography and micellar electrokinetic chromatography 782(1997)227
- Spencer, D.I.R., see Murray, A. 782(1997)49
- Spitaler, M.M., see Uray, G. 799(1998)67
- Spitzer, V., see Aichholz, R. 787(1997)181
- Spotti, E., see Trifirò, A. 770(1997)243
- Spraul, M., see Braumann, U. 761(1997)336
- Spraul, M., Braumann, U., Renault, J.-H., Thépenier, P. and Nuzillard, J.-M.
Nuclear magnetic resonance monitoring of centrifugal partition chromatography in pH-zone-refining mode 766(1997)255
- Spruce, B., see Bakalyar, S.R. 762(1997)167
- Stack, M.A., see James, K.J. 798(1998)147
- Ståhlberg, J., see Hägglund, I. 761(1997)3
- Ståhlberg, J., see Ståhlberg, O. 776(1997)311
- Ståhlberg, O. and Ståhlberg, J.
Theoretical aspects on the regulation of electroosmotic flow in capillary electrophoresis by adding charged amphiphiles 776(1997)311
- Stan, H.-J., see Dubey, J.K. 765(1997)31
- Standing, K.G., see McComb, M.E. 800(1998)1
- Ständker, L., see Schulz-Knappe, P. 776(1997)125
- Staněk, V., see Fischer, J. 772(1997)385

- Stanić, G., see Medić-Šarić, M. 776(1997)355
- Stanley, B.J., Foster, C.R. and Guiochon, G.
On the reproducibility of column performance in liquid chromatography and the role of the packing density 761(1997)41
- Stanley, B.J., see Guiochon, G. 762(1997)83
- Stanley, P., see Hynning, P.-. 774(1997)311
- Stashenko, E.E., Ferreira, M.C., Sequeda, L.G., Martínez, J.R. and Wong, J.W.
Comparison of extraction methods and detection systems in the gas chromatographic analysis of volatile carbonyl compounds 779(1997)360
- Stashenko, E.E., Martínez, R., Pinzón, M.H. and Ramírez, J.
Changes in chemical composition of catalytically hydrogenated orange oil (*Citrus sinensis*) 752(1996)217
- Stashenko, E.E., Puertas, M.A. and Combariza, M.Y.
Volatile secondary metabolites from *Spilanthes americana* obtained by simultaneous steam distillation-solvent extraction and supercritical fluid extraction 752(1996)223
- Stashenko, E.E., Wong, J.W., Martínez, J.R., Mateus, A. and Shibamoto, T.
High-resolution gas chromatography-nitrogen-phosphorous detection of saturated volatile aldehydes derivatized with 2-hydrazinobenzothiazole 752(1996)209
- Šťastná, M. and Šlais, K.
Displacement electrophoresis of ampholytes in a continuous pH gradient moving in a capillary with a non-constant cross-section 768(1997)283
- Stavchansky, S., see Reyderman, L. 755(1996)271
- Ståhlberg, J., see Hägglund, I. 761(1997)13
- Stead, D.A., Reid, R.G. and Taylor, R.B.
Capillary electrochromatography of steroids. Increased sensitivity by on-line concentration and comparison with high-performance liquid chromatography 798(1998)259
- Stearns, S.D., see Wentworth, W.E. 795(1998)319
- Steen, R.J.C.A., Leonards, P.E.G., Brinkman, U.A.Th. and Cofino, W.P.
Ultra-trace-level determination of the antifouling agent Irgarol 1051 by gas chromatography with tandem mass spectrometric detection 766(1997)153
- Stefani, R., Buzzi, M. and Grazzi, R.
Supercritical fluid extraction of pesticide residues in fortified apple matrices 782(1997)123
- Stehlik, G., see Gmeiner, G. 767(1997)163
- Steijger, O.M., Kamminga, D.A., Brummelhuis, A. and Lingeman, H.
Liquid chromatography with luminol-based electrochemiluminescence detection. Determination of histamine 799(1998)57
- Steinhart, H., see Van Wickern, B. 786(1997)57
- Steinhilber, W., see Volz, J. 800(1998)29
- Steinmann, L., Mosher, R.A. and Thormann, W.
Characterization and impact of the temporal behavior of the electroosmotic flow in capillary isoelectric focusing with electroosmotic zone displacement 756(1996)219
- Stenhammar, G., see Hulte, G. 777(1997)141
- Stenhammar, G., see Hulte, G. 777(1997)155
- Stensiö, K.-E., see Bodén, L. 788(1997)195
- Stephanou, E.G., see Gogou, A.I. 799(1998)215
- Sterin, M., see Levin, S. 752(1996)131
- Sternberg, R., see Aflalaye, A. 761(1997)195
- Štětina, J., see Čurda, L. 772(1997)231
- Stevenson, D., see Rashid, B.A. 797(1998)245
- Stevenson, P.C., Kite, G.C. and Simmonds, M.S.J.
Piperolic acid methyl esters as artefacts from the ion-exchange chromatography of *Inga punctata* foliar extracts 766(1997)267
- Stewart, G.C., see Wunschel, D.S. 776(1997)205
- Sticha, C.M., see Liu, Y.-M. 800(1998)345
- Stillian, J.R., see Pohl, C.A. 789(1997)29
- Stillian, J.R., see Toofan, M. 761(1997)163
- Stillian, J.R., see Toofan, M. 775(1997)109
- Sting, A.R., see Seebach, D. 796(1998)299
- Stöckigt, D., see Belder, D. 752(1996)271
- Stöckigt, D., see Unger, M. 767(1997)263
- Stöckigt, D., see Unger, M. 786(1997)384
- Stöckigt, J., see Unger, M. 767(1997)263
- Stöckigt, J., see Unger, M. 786(1997)384
- Stöckigt, J., see Unger, M. 791(1997)323
- Stöckl, D., see Thienpont, L.M. 789(1997)557
- Stöckl, D., see Van Nuwenborg, J.E. 770(1997)137
- Stoppini, L., see Bert, L. 755(1996)99
- Storm, R., see O'Keefe, P.W. 771(1997)169
- Storti, G., see Mazzotti, M. 769(1997)3
- Storti, G., see Mazzotti, M. 786(1997)309
- Stover, F.S.
Capillary electrophoresis of longer-chain polyphosphates 769(1997)349
- Stoyanov, A.V., see Capelli, L. 791(1997)313
- Stoyanov, A.V. and Righetti, P.G.
Fundamental properties of isoelectric buffers for capillary zone electrophoresis 790(1997)169
- Stoyanov, A.V. and Righetti, P.G.
Properties of buffer systems with charges immobilized on a gel matrix and their potential use in capillary electrophoresis 799(1998)275
- Štrancar, A., Barut, M., Podgornik, A., Koselj, P., Schwinn, H., Raspor, P. and Josić, D.
Application of compact porous tubes for preparative isolation of clotting factor VIII from human plasma 760(1997)117
- Stratford, M.R.L., Dennis, M.F., Cochrane, R., Parkins, C.S. and Everett, S.A.
The role of nitric oxide in cancer. Improved methods for measurement of nitrite and nitrate by high-performance ion chromatography 770(1997)151
- Stratford, M.R.L., see Everett, S.A. 770(1997)273
- Streater, M., see Levison, P.R. 760(1997)151
- Strege, M.A. and Lagu, A.L.
Micellar electrokinetic chromatography of proteins 780(1997)285
- Strickmann, D., see Fanali, S. 800(1998)69
- Stringham, R.W., see Blackwell, J.A. 796(1998)355
- Strohschein, S., see Braumann, U. 761(1997)336
- Strohschein, S., Schlotterbeck, G., Richter, J., Pursch, M., Tseng, L.-H., Händel, H. and Albert, K.
Comparison of the separation of *cis/trans* isomers of tretinoin with different stationary phases by liquid chromatography-nuclear magnetic resonance coupling 765(1997)207

- Strong, J.C. and Frey, D.D.
Experimental and numerical studies of the chromatofocusing of dilute proteins using retained pH gradients formed on a strong-base anion-exchange column 769(1997)129
- Strube, J., see Altenhöner, U. 769(1997)59
- Strube, J., Altenhöner, U., Meurer, M., Schmidt-Traub, H. and Schulte, M.
Dynamic simulation of simulated moving-bed chromatographic processes for the optimization of chiral separations 769(1997)81
- Strube, J., see Meurer, M. 769(1997)71
- Stuff, J.R., see Creasy, W.R. 774(1997)253
- Štulík, K., see Jiskra, J. 761(1997)285
- Štulík, K., see Pacáková, V. 754(1996)17
- Štulík, K., see Pacáková, V. 764(1997)331
- Štulík, K., see Pacáková, V. 789(1997)169
- Su, W., see Harwood, J.J. 788(1997)105
- Subra, P. and Vega, A.
Retention of some components in supercritical fluid chromatography and application to bergamot peel oil fractionation 771(1997)241
- Subrahmanyam, B., see Motohashi, N. 754(1996)333
- Subramaniam, B., see Shavely, K. 791(1997)197
- Subramanian, V., see Wang, I.-H. 766(1997)277
- Sudo, Y.
Optimization of end-capping of octadecyl-silylated silica gels by high-temperature silylation 757(1997)21
- Suffet, I.H. (Mel), see Capangpangan, M.B. 753(1996)279
- Suffet, I.H.(Mel), see Capangpangan, M.B. 782(1997)247
- Sugita, K., see Kiyohara, S. 758(1997)209
- Sugita, K., see Kubota, N. 782(1997)159
- Sugo, T., see Kiyohara, S. 758(1997)209
- Sugo, T., see Kubota, N. 782(1997)159
- Suh, M.J., Kim, Y.S. and Yoo, Y.S.
Application of capillary electrophoresis to determination of enzyme activity and other properties of phosphatidylinositol-specific phospholipase C 781(1997)263
- Suh, M.J., see Yoo, Y.S. 763(1997)285
- Sun, C., Baird, M., Anderson, H.A. and Brydon, D.L.
Separation and determination of oligomers and homologues of aliphatic alcohol ethoxylates in textile lubricants and lubricant emulsion by high-performance liquid chromatography 771(1997)145
- Sun, C., Baird, M. and Simpson, J.
Determination of poly(ethylene glycol)s by both normal-phase and reversed-phase modes of high-performance liquid chromatography 800(1998)231
- Sun, S.-W. and Chen, L.-Y.
Optimization of capillary electrophoretic separation of quinolone antibacterials using the overlapping resolution mapping scheme 766(1997)215
- Sun, S.-W., Lee, S.-S., Chen, L.-Y. and Chen, C.-K.
Separation of aporphine alkaloids by micellar electrokinetic chromatography 767(1997)277
- Sun, S.-W., Lee, S.-S., Wu, A.-C. and Chen, C.-K.
Determination of bisbenzylisoquinoline alkaloids by high-performance liquid chromatography 799(1998)337
- Sun, Y., see Huang, A. 755(1996)138
- Suortti, T.
Coupled size-exclusion chromatography–anion-exchange chromatography in the analysis of poly- and oligosaccharides 763(1997)331
- Surapaneni, S., Ruterbories, K. and Lindstrom, T.
Chiral separation of neutral species by capillary electrophoresis. Evaluation of a theoretical model 761(1997)249
- Surrey, S., see Mansfield, E.S. 781(1997)295
- Susic, M. and Alongi, D.M.
Determination of terrestrial markers in marine environments by gas chromatography–mass-selective detection compared to high-performance liquid chromatography–fluorescence detection 758(1997)243
- Suteu, C., see Roussel, C. 761(1997)129
- Suto, K., Ito, Y., Sagara, K. and Itokawa, H.
Determination of magnolol and honokiol in Magnoliae Cortex using supercritical fluid chromatography on-line coupled with supercritical fluid extraction by on-column trapping 786(1997)366
- Suto, K., Kakimura, S., Ito, Y., Sagara, K., Iwasaki, H. and Itokawa, H.
Determination of berberine and palmatine in Phellodendri Cortex using ion-pair supercritical fluid chromatography on-line coupled with ion-pair supercritical fluid extraction by on-column trapping 786(1997)371
- Sutton, K., Sutton, R.M.C. and Caruso, J.A.
Inductively coupled plasma mass spectrometric detection for chromatography and capillary electrophoresis 789(1997)85
- Sutton, R.M.C., Hill, S.J. and Jones, P.
High-performance chelation ion chromatography for the determination of traces of bismuth in lead by means of a novel hypercrosslinked polystyrene resin 789(1997)389
- Sutton, R.M.C., see Sutton, K. 789(1997)85
- Suzuki, M., see Kobayashi, H. 772(1997)137
- Suzuki, M., see Oka, H. 791(1997)53
- Suzuki, S., see Nishikawa, T. 767(1997)93
- Suzuki, S., see Nishikawa, T. 782(1997)296
- Suzuki, T., Matsumoto, K., Tsunoda, K.-i. and Akaiwa, H.
Liquid chromatographic separation of metal-tetraphenylporphine complexes based on coordination interaction with immobilized neutral ligand in stationary phase 786(1997)269
- Suzuki, Y.
Determination of low-molecular-mass organic acids in fogwater by ion-exchange chromatography with automatic column switching 773(1997)123
- Svec, F., see Petro, M. 752(1996)59
- Svec, F., see Tennikov, M.B. 798(1998)55
- Svec, F., see Xie, S. 775(1997)65
- Svejgaard, A., see Heegaard, N.H.H. 781(1997)91
- Svendsen, I., see Houen, G. 799(1998)139
- Svensson, M., Joabsson, F., Linse, P. and Tjerneld, F.
Partitioning of hydrophobic amino acids and oligopeptides in aqueous two-phase system containing self-aggregating block copolymer. Effects of temperature, salts and surfactants 761(1997)91
- Svensson, O., see Dahllöf, I. 771(1997)163

- Švob Troje, Z., Fröbe, Z. and Perović, Đ.
Analysis of selected alkaloids and sugars in tobacco extract
775(1997)101
- Svoboda, L. and Schmidt, U.
Single-column ion chromatography of linear polyphosphates
767(1997)107
- Sweedler, J.V., see Liu, Y.-M. 800(1998)345
- Sweedler, J.V., see Oldenburg, K.E. 788(1997)173
- Sybilska, D., see Nowakowski, R. 782(1997)1
- Sýkora, D., Tesařová, E. and Popl, M.
Interactions of basic compounds in reversed-phase high-performance liquid chromatography. Influence of sorbent character, mobile phase composition, and pH on retention of basic compounds 758(1997)37
- Szakács, G., see Morovján, G. 763(1997)165
- Szczerba, T., see Welch, C.J. 758(1997)93
- Szeliga, J., see Ding, J. 781(1997)327
- Szemán, J., see Roos, N. 782(1997)257
- Szemán, J., Roos, N. and Csabai, K.
Ruggedness of enantiomeric separation by capillary electrophoresis and high-performance liquid chromatography with methylated cyclodextrins as chiral selectors 763(1997)139
- Szókán, G., see Kátay, G. 764(1997)103
- Szotáková, B., see Wsól, V. 797(1998)197
- T
- Taccheo Barbina, M., see De Paoli, M. 765(1997)127
- Tachon, P., see Cherkaoui, S. 790(1997)195
- Tadano, J., see Itoh, H. 754(1996)61
- Tadeo, J.L., see Pérez, R.A. 778(1997)193
- Tadeo, J.L., Sanchez-Brunete, C., García-Valcarcel, A.I., Martínez, L. and Pérez, R.A.
Determination of cereal herbicide residues in environmental samples by gas chromatography (Review) 754(1996)347
- Taga, A., see Honda, S. 791(1997)307
- Taga, A., see Honda, S. 792(1997)385
- Takács, J.M.
Unified system for the prediction of retention data in gas-liquid chromatography 799(1998)185
- Takahashi, M., Nagashima, M., Shigeoka, S., Nishijima, M. and Kamata, K.
Determination of atropine in pharmaceutical preparations by liquid chromatography with fluorescence detection 775(1997)137
- Takahashi, T., see Kanazawa, H. 797(1998)227
- Takahashi, Y., see Akama, Y. 789(1997)479
- Takakura, M., see Ono, S. 752(1996)287
- Takamura, K., see Fuse, T. 764(1997)177
- Takayanagi, H., see Adachi, T. 763(1997)57
- Takeda, S., see Fukushi, K. 759(1997)211
- Takeda, S., see Fukushi, K. 772(1997)313
- Takeda, S., Wakida, S.-i., Yamane, M., Higashi, K. and Terabe, S.
Effect of the polar groups of anionic surfactant on migration behavior in micellar electrokinetic chromatography 781(1997)11
- Takehira, H., see Haginaka, J. 773(1997)85
- Takehira, H., see Haginaka, J. 777(1997)241
- Takeuchi, M., see Mizuishi, K. 800(1998)267
- Takeuchi, T.
Micelles for signal enhancement and novel selectivity of dansyl amino acids 780(1997)219
- Takeuchi, T., Safni and Miwa, T.
Ion chromatography of anions on stationary phases modified with chondroitin sulfate 789(1997)201
- Takeuchi, T., Zein, R., Munaf, E. and Miwa, T.
Indirect photometric detection of inorganic anions in microcolumn ion chromatography using octadecylsilica immobilized with bovine serum albumin as stationary phase 755(1996)37
- Takhar, S., see Pesek, J.J. 786(1997)219
- Talavera, E.M., see Bermejo, R. 778(1997)441
- Taleb, N.L., Millot, M.-C. and Sebille, B.
Enantioselectivity properties of human serum albumin immobilized on anion-exchangers based on polyvinylimidazole-coated silica. Effect of protein loading on separation properties 776(1997)45
- Tallarico, C., see Frassanito, R. 795(1998)53
- Talmadge, K.W., Tan, A.K. and Zhu, M.
DNA fragment analysis by capillary polymer sieving electrophoresis using poly(acryloylaminoethoxyethanol)-coated capillaries 781(1997)335
- Tam, Y.Y. and Norman, J.
Determination of indole-3-pyruvic acid levels in *Arabidopsis thaliana* by gas chromatography-selected ion monitoring-mass spectrometry 800(1998)101
- Tamashiro, G.S., see Ting, K.-C. 754(1996)455
- Tambute, A., see Mercier, J.-P. 779(1997)245
- Tan, A.K., see Talmadge, K.W. 781(1997)335
- Tan, G.Z., see Chen, L.R. 789(1997)135
- Tan, L.C. and Carr, P.W.
Revisionist look at solvophobic driving forces in reversed-phase liquid chromatography. II. Partitioning vs. adsorption mechanism in monomeric alkyl bonded phase supports 775(1997)1
- Tan, L.C. and Carr, P.W.
Study of retention in reversed-phase liquid chromatography using linear solvation energy relationships. The mobile phase 799(1998)1
- Tan, L.C., Carr, P.W. and Abraham, M.H.
Study of retention in reversed-phase liquid chromatography using linear solvation energy relationships. I. The stationary phase 752(1996)1
- Tan, L.C., see Park, J.H. 767(1997)1
- Tanabe, A., Mitobe, H., Kawata, K. and Sakai, M.
Monitoring of herbicides in river water by gas chromatography-mass spectrometry and solid-phase extraction 754(1996)159

- Tanaka, H., Kamada, M., Nyudo, M. and Ohira, M.
Development of a novel octadecyl-bonded silica column
and evaluation of its reliability in chromatographic analysis
762(1997)89
- Tanaka, K., see Ohta, K. 752(1996)167
- Tanaka, K., see Ohta, K. 770(1997)219
- Tanaka, K., see Ohta, K. 782(1997)33
- Tanaka, K., Ohta, K. and Fritz, J.S.
Ion-exclusion chromatography of aliphatic carboxylic acids
on a cation-exchange resin by elution with polyvinyl
alcohol 770(1997)211
- Tanaka, M., see Harino, H. 755(1996)147
- Tanaka, M., Oshima, Y. and Tsuruta, H.
Novel quartz flow-cell as a post-column photochemical
reactor for high-performance liquid chromatography
800(1998)377
- Tanaka, N., see Ishizuka, N. 797(1998)133
- Tanaka, N., see Kimata, K. 786(1997)237
- Tanaka, N., see Minakuchi, H. 762(1997)135
- Tanaka, N., see Minakuchi, H. 797(1998)121
- Tanaka, N., Nakagawa, K., Iwasaki, H., Hosoya, K., Kimata,
K., Araki, T. and Patterson Jr., D.G.
Polyallylamine-supported pseudo-stationary phases for
electrokinetic chromatography. Effect of alkyl chain length
of the pseudo-stationary phase and methanol content of
aqueous buffer on the separation of hydrophobic
compounds 781(1997)139
- Tanaka, N., see Palmer, C.P. 792(1997)105
- Tanaka, S., see Akama, Y. 789(1997)479
- Tanaka, Y. and Terabe, S.
Enantiomer separation of acidic racemates by capillary
electrophoresis using cationic and amphoteric β -
cyclodextrins as chiral selectors 781(1997)151
- Tang, Q. and Lee, C.S.
Effects of electroosmotic flow on zone mobilization in
capillary isoelectric focusing 781(1997)113
- Tang, Y., Reepmeyer, J.C., Revelle, L.K. and Wilson, J.A.
Enantioseparation of 3-phenylacetylaminoo-2,6-
piperidinedione and related chiral compounds 752(1996)93
- Tangen, A., Lund, W. and Frederiksen, R.B.
Determination of Na^+ , K^+ , Mg^{2+} and Ca^{2+} in mixtures of
seawater and formation water by capillary electrophoresis
767(1997)311
- Tani, H., Kamidate, T. and Watanabe, H.
Micelle-mediated extraction 780(1997)229
- Tani, T.H., Moore, J.M. and Patafoff, T.W.
Single step method for the accurate concentration
determination of polysorbate 80 786(1997)99
- Tanyolaç, D., see Denizli, A. 793(1998)47
- Tao, L. and Pereira, M.A.
Quantification of carvone, cineole, perillaldehyde, perillyl
alcohol and sobrerol by isocratic high-performance liquid
chromatography 793(1998)71
- Tappa, R., see Bertoni, G. 767(1997)153
- Tarjányi, E., see Krivácsy, Z. 781(1997)223
- Tarling, G.A., see Cripps, G.C. 760(1997)309
- Tartari, G., see Valsecchi, S. 760(1997)326
- Taskinen, J., see Keski-Hynnialä, H. 794(1998)75
- Tauler, R., see Salau, J.S. 795(1998)3
- Tausch, H., see Gmeiner, G. 767(1997)163
- Tavares, M.F.M., Colombara, R. and Massaro, S.
Modified electroosmotic flow by cationic surfactant
additives in capillary electrophoresis. Evaluation of
electrolyte systems for anion analysis 772(1997)171
- Tavares, M.F.M., see Souza, S.R. 796(1998)335
- Taylor, G.E.
Determination of impurities in clodronic acid by anion-
exchange chromatography 770(1997)261
- Taylor, L.T., see Ashraf-Khorassani, M. 774(1997)37
- Taylor, L.T., see Combs, M.T. 785(1997)85
- Taylor, L.T., see Jordan, S.L. 755(1996)211
- Taylor, L.T., see Shi, H. 757(1997)183
- Taylor, L.T., see Shi, H. 779(1997)307
- Taylor, L.T., see Smith, S.H. 764(1997)295
- Taylor, M.R. and Teale, P.
Gradient capillary electrochromatography of drug mixtures
with UV and electrospray ionisation mass spectrometric
detection 768(1997)89
- Taylor, M.R., Westwood, S.A. and Perrett, D.
Direct monitoring of enzyme reactions using micellar
electrokinetic capillary chromatography. Optimisation of
drug glucuronide and sulfate conjugate hydrolysis
768(1997)67
- Taylor, R.B., see Stead, D.A. 798(1998)259
- Taylor, R.B., Toasaksiri, S. and Reid, R.G.
Determination of antibacterial quaternary ammonium
compounds in lozenges by capillary electrophoresis
798(1998)335
- Tazawa, T., see Zhao, J.-Y. 781(1997)555
- Tchapla, A., see Mejanelle, P. 767(1997)177
- Teale, P., see Taylor, M.R. 768(1997)89
- Tejeda, A., see López, Z.K. 791(1997)99
- Tekel', J. and Hatrík, Š.
Pesticide residue analyses in plant material by
chromatographic methods: clean-up procedures and
selective detectors (Review) 754(1996)397
- Tello, A.M. and García-Domínguez, J.A.
Specific retention volumes in gas chromatography from
low-quality capillary columns 793(1998)383
- Ten, A., see de Barreda Jr., D.G. 795(1998)125
- Ten Thije Boonkkamp, J.H.M., see Martens, J.H.P.A.
772(1997)49
- Tena, M.T. and Valcárcel, M.
Fiber optic-based interface for on-line selective photometric
determinations in solid samples by supercritical fluid
extraction 753(1996)299
- Tenberken, B. and Bächmann, K.
Analysis of individual raindrops by capillary zone
electrophoresis 755(1996)121
- Tenberken, B. and Bächmann, K.
Development of new methods for the analysis of single
cloud-, fog- and raindrops by capillary electrophoresis
775(1997)372
- Teng, H.-C., see Ling, Y.-C. 790(1997)153
- Tennant, L., see Kriwacki, R.W. 777(1997)23
- Tennikov, M.B., Gazdina, N.V., Tennikova, T.B. and Svec, F.
Effect of porous structure of macroporous polymer supports
on resolution in high-performance membrane
chromatography of proteins 798(1998)55
- Tennikova, T., see Kasper, C. 798(1998)65

- Tennikova, T.B., see Dubinina, N.I. 753(1996)217
 Tennikova, T.B., see Tennikov, M.B. 798(1998)55
 Terabe, S., see Muijselaar, P.G. 780(1997)41
 Terabe, S., see Ozaki, H. 794(1998)317
 Terabe, S., see Quirino, J.P. 781(1997)119
 Terabe, S., see Quirino, J.P. 791(1997)255
 Terabe, S., see Quirino, J.P. 798(1998)251
 Terabe, S., see Takeda, S. 781(1997)11
 Terabe, S., see Tanaka, Y. 781(1997)151
 Terabe, S., see Watanabe, T. 793(1998)409
 Terfloth, G.J., see Pirkle, W.H. 753(1996)109
 Terreni, M., Benfenati, E., Pagnolato, M., Bellini, A., Giavini, D., Bavetta, S.F., Molina, C. and Barceló, D.
 Synthesis and use of deuterated fenamiphos and its metabolites as internal standards for mass spectrometric analysis in water 754(1996)207
 Tesařová, E., see Sýkora, D. 758(1997)37
 Testereci, H.N., see Arica, M.Y. 799(1998)83
 Testini, G., see Castello, G. 787(1997)215
 Tewari, B.B.
 Electrophoretic studies on mixed complexes. Metal-methionine-penicillamine system 793(1998)220
 Tharsis, N., Portillo, J.L., Broto-Puig, F. and Comellas, L.
 Simplified reversed-phase conditions for the determination of benzimidazole fungicides in fruits by high-performance liquid chromatography with UV detection 778(1997)95
 Thede, R., see Katsanos, N.A. 795(1998)133
 Thépenier, P., see Renault, J.-H. 763(1997)345
 Thépenier, P., see Spraul, M. 766(1997)255
 Thibault, P., see Bateman, K.P. 794(1998)327
 Thibault, P., see Zhao, J.-Y. 781(1997)555
 Thiébaut, D., see Agnely, M. 790(1997)17
 Thiele, J.H., see Jarvis, G.N. 760(1997)271
 Thienpont, A., see Chassaing, C. 786(1997)13
 Thienpont, L.M., see Van Nuwenborg, J.E. 770(1997)137
 Thienpont, L.M., Van Nuwenborg, J.E. and Stöckl, D.
 Ion chromatography as reference method for serum cations 789(1997)557
 Thomas, R., see Harakuwe, A.H. 793(1998)187
 Thommes, J., Bader, A., Halfar, M., Karau, A. and Kula, M.-R.
 Isolation of monoclonal antibodies from cell containing hybridoma broth using a protein A coated adsorbent in expanded beds 752(1996)111
 Thompson, J.D., see Hagen, S.R. 767(1997)53
 Thompson, R., see Chen, L. 752(1996)101
 Thormann, W., see Caslavská, J. 772(1997)3
 Thormann, W., see Gebauer, P. 772(1997)63
 Thormann, W., see Steinmann, L. 756(1996)219
 Thormann, W., see Zhang, C.-X. 764(1997)157
 Thornton, M.J. and Fritz, J.S.
 Separation of inorganic anions in acidic solution by capillary electrophoresis 770(1997)301
 Thorsén, G., Engström, A. and Josefsson, B.
 Enantiomeric determination of amino compounds with high sensitivity using the chiral reagents (+)- and (-)-1-(9-anthryl)-2-propyl chloroformate 786(1997)347
 Thuss, U., see Popp, P. 774(1997)203
 Tian, X., see Jin, Q. 761(1997)169
 Tian, Y., see Chen, J. 795(1998)305
 Tiburtini, S., see Gelsomino, A. 782(1997)105
 Tichá, M., see Jiskra, J. 761(1997)285
 Tijssen, R., see Venema, E. 765(1997)135
 Tiller, P.R., Cunniff, J., Land, A.P., Schwartz, J., Jardine, I., Wakefield, M., Lopez, L., Newton, J.F., Burton, R.D., Folk, B.M., Buhrman, D.L., Price, P. and Wu, D.
 Drug quantitation on a benchtop liquid chromatography-tandem mass spectrometry system 771(1997)119
 Tiller, P.R., Land, A.P., Jardine, I., Murphy, D.M., Sozio, R., Ayrton, A. and Schaefer, W.H.
 Application of liquid chromatography-mass spectrometryⁿ analyses to the characterization of novel glyburide metabolites formed in vitro 794(1998)15
 Tilotta, D.C., see Current, R.W. 785(1997)269
 Timerbaev, A.R.
 Strategies for selectivity control in capillary electrophoresis of metal species 792(1997)495
 Timerbaev, A.R. and Fritz, J.S.
 Advanced possibilities on multi-element separation and detection of metal ions by capillary zone electrophoresis using precapillary complexation. I. Separation aspects 756(1996)300
 Timperio, A.M., see Zolla, L. 779(1997)131
 Ting, E.-Y. and Porter, M.D.
 Separations of benzodiazepines using electrochemically modulated liquid chromatography. Efficient separations from changes in the voltage applied to a porous graphitic carbon stationary phase 793(1998)204
 Ting, K.-C. and Tamashiro, G.S.
 Off-line high-performance liquid chromatography and solid-phase extraction clean-up for confirmation of pesticide residues in fresh produce by gas chromatography-mass spectrometry 754(1996)455
 Tjaden, U.R., see Buscher, B.A.P. 764(1997)135
 Tjaden, U.R., see Buscher, B.A.P. 777(1997)51
 Tjaden, U.R., see Buscher, B.A.P. 788(1997)165
 Tjaden, U.R., see Lamoree, M.H. 777(1997)31
 Tjaden, U.R., see Lutz, E.S.M. 755(1996)179
 Tjaden, U.R., see Lutz, E.S.M. 776(1997)169
 Tjaden, U.R., see Oosterkamp, A.J. 787(1997)27
 Tjaden, U.R., see Oosterkamp, A.J. 787(1997)37
 Tjaden, U.R., see van Bommel, M.R. 755(1996)205
 Tjaden, U.R., see Van der Hoeven, R.A.M. 762(1997)193
 Tjerneld, F., see Carlsson, M. 756(1996)107
 Tjerneld, F., see Lu, M. 766(1997)99
 Tjerneld, F., see Svensson, M. 761(1997)91
 Tjørnelund, J. and Hansen, S.H.
 Use of metal complexation in non-aqueous capillary electrophoresis systems for the separation and improved detection of tetracyclines 779(1997)235
 Tjørnelund, J., see Hansen, S.H. 792(1997)49
 Tjørnelund, J. and Hansen, S.H.
 Separation of neutral substances by non-aqueous capillary electrophoresis through interactions with cationic additives 792(1997)475
 Toasaksiri, S., see Taylor, R.B. 798(1998)335
 Togashi, K., see Honda, S. 791(1997)307
 Toida, T., Shima, M., Azumaya, S., Maruyama, T., Toyoda, H., Imanari, T. and Linhardt, R.J.
 Detection of glycosaminoglycans as a copper(II) complex in high-performance liquid chromatography 787(1997)266

- Toida, Y., see Kiyohara, S. 758(1997)209
 Toja, E., see Raffaelli, A. 777(1997)223
 Tollaksen, S., see Joachimiak, A. 773(1997)131
 Tolokán, A., Gödörházy, L., Horváth, V., Hrabécz-Pál, A., Niegrelisz, Z., Kocsi, E., Horvai, G., Klebovich, I. and Balogh-Nemes, K.
 Economic approach to robotic sample pretreatment in high-performance liquid chromatography 771(1997)35
 Tomás-Barberán, F.A., see Montijano, H. 758(1997)163
 Tomkins, B.A., see Sega, G.A. 790(1997)143
 Tomlinson, A.A.G., see Glöd, B.K. 760(1997)292
 Tomlinson, J.A., see Lin, L.A. 762(1997)275
 Tomlinson, T., see Poe, D.P. 785(1997)135
 Tonella, L., see Yan, J.X. 764(1997)201
 Tong, A., see Akama, Y. 789(1997)479
 Tong, S., see Lu, H. 800(1998)247
 Tong, W.G., see Wu, Z. 773(1997)291
 Toofan, M., Pohl, C.A., Stillian, J.R. and Jackson, P.E.
 Factors affecting the ion chromatographic preconcentration behaviour of inorganic anions and organic acids 775(1997)109
 Toofan, M., Stillian, J.R., Pohl, C.A. and Jackson, P.E.
 Preconcentration determination of inorganic anions and organic acids in power plant waters. Separation optimization through control of column capacity and selectivity 761(1997)163
 Toribio, L., see Bernal, J.L. 754(1996)145
 Toribio, L., see Bernal, J.L. 778(1997)321
 Toribio, L., see Bernal, J.L. 787(1997)129
 Toribio, L., see Medvedovici, A. 785(1997)159
 Toribio, L., see Nozal, M^a.J. 778(1997)347
 Toribio, L., see Pocurull, E. 755(1996)67
 Torimura, M., Kano, K., Ikeda, T., Goto, M. and Ueda, T.
 On-line electrochemical detection of carbohydrates coupled with the periodate oxidation 790(1997)1
 Török, G., see Péter, A. 761(1997)103
 Török, G., see Péter, A. 790(1997)41
 Török, G., see Péter, A. 793(1998)283
 Török, G., see Péter, A. 797(1998)165
 Török, G., Péter, A., Csomós, P., Kanerva, L.T. and Fülöp, F.
 High-performance liquid chromatographic methods for separation of the isomers of β-amino acids possessing bicyclo[2.2.1]heptane or heptene skeletons 797(1998)177
 Torrallardona, D. and Harris, C.I.
 Preparative isolation of nine indispensable amino acids from a single sample 778(1997)383
 Torre, M., see García, M.C. 758(1997)75
 Torres, C.M., Picó, Y. and Mañes, J.
 Determination of pesticide residues in fruit and vegetables (Review) 754(1996)301
 Torres, C.M., Picó, Y. and Mañes, J.
 Comparison of octadecylsilica and graphitized carbon black as materials for solid-phase extraction of fungicide and insecticide residues from fruit and vegetables 778(1997)127
 Torres, E., Cid, A., Fidalgo, P. and Abalde, J.
 Rapid assay for the analysis of class III metallothioneins by capillary zone electrophoresis in crude extracts of microalgal cells exposed to cadmium 775(1997)339
 Torres-Lapasió, J.R., Baeza-Baeza, J.J. and García-Alvarez-Coque, M.C.
 Description of the retention behaviour in micellar liquid chromatography as a function of pH, surfactant and modifier concentration 769(1997)155
 Torres-Lapasió, J.R., see García-Alvarez-Coque, M.C. 780(1997)129
 Torstensson, C., see Dahllöf, I. 771(1997)163
 Tóth, G., see Péter, A. 797(1998)165
 Tóth, G., see Volz, J. 800(1998)29
 Tóth, K., see Morovján, G. 797(1998)237
 Tourwé, D., see Péter, A. 797(1998)165
 Toyoda, H., see Toida, T. 787(1997)266
 Toyooka, T., see Liu, Y.-M. 800(1998)345
 Tran, H.S., see Mendoza, C.B. 762(1997)299
 Tranchina, R., see Pesek, J.J. 786(1997)219
 Trathnigg, B., Feichtenhofer, S. and Kollroser, M.
 Quantitation in liquid chromatography of polymers: size-exclusion chromatography with dual detection 786(1997)75
 Trathnigg, B., see Gorbunov, A. 798(1998)187
 Trathnigg, B. and Kollroser, M.
 Liquid chromatography of polyethers using universal detectors. V. Quantitative aspects in the analysis of low-molecular-mass poly(ethylene glycols) and their derivatives by reversed-phase high-performance liquid chromatography with an evaporative light scattering detector 768(1997)223
 Trathnigg, B., Kollroser, M., Gorbunov, A. and Skvortsov, A.
 Liquid adsorption chromatography of polyethers. Theory and experiment 761(1997)21
 Trathnigg, B., Maier, B., Gorbunov, A. and Skvortsov, A.
 Theory of liquid adsorption chromatography of macromolecules applied to polyethylene glycol and fatty alcohol ethoxylates 791(1997)21
 Trécourt, F., see Oubrahim, H. 758(1997)145
 Treiner, C., see Abraham, M.H. 752(1996)243
 Treuheit, M.J., see Lauren, S.L. 798(1998)47
 Treuheit, M.J., see Ratto, J.J. 763(1997)337
 Treurniet, J.R., see Slater, G.W. 772(1997)39
 Treutter, D., see Polster, J. 800(1998)121
 Trifirò, A., see Buldini, P.L. 789(1997)529
 Trifirò, A., Saccani, G., Gherardi, S., Vicini, E., Spotti, E., Previdi, M.P., Ndagijimana, M., Cavalli, S. and Reschiotto, C.
 Use of ion chromatography for monitoring microbial spoilage in the fruit juice industry 770(1997)243
 Tříška, J., Vrchotová, N., Šafařík, I. and Šafaříková, M.
 Thin-layer chromatographic separation of selected polycyclic aromatic hydrocarbons on copper phthalocyanine dye impregnated plates 793(1998)403
 Trocha-Grimshaw, J., see Rice, A. 772(1997)305
 Troin, Y., see Morin, Ph. 796(1998)375
 Trojanowicz, M., see Biesaga, M. 777(1997)375
 Trotta, F., see Baggiani, C. 786(1997)23
 Trubetskaya, O.E., see Trubetskoy, O.A. 767(1997)285
 Trubetskoy, O.A., Trubetskaya, O.E., Afanas'eva, G.V., Reznikova, O.I. and Saiz-Jimenez, C.
 Polyacrylamide gel electrophoresis of soil humic acid fractionated by size-exclusion chromatography and ultrafiltration 767(1997)285

- Trubig, J., see Zhou, L. 773(1997)311
- Tsai, T.H. and Chen, C.F.
Measurement and pharmacokinetic analysis of buspirone by means of brain microdialysis coupled to high-performance liquid chromatography with electrochemical detection 762(1997)269
- Tsegenidis, T., see Karamanos, N.K. 765(1997)169
- Tseng, L.-H., see Strohschein, S. 765(1997)207
- Tsuge, S., see Hida, M. 761(1997)332
- Tsuji, A., see Kurosu, Y. 787(1997)261
- Tsukada, Y., see Okutani, T. 788(1997)113
- Tsunoda, K.-i., see Suzuki, T. 786(1997)269
- Tsunoi, S., see Harino, H. 755(1996)147
- Tsuruta, H., see Tanaka, M. 800(1998)377
- Tudor, E.
Temperature dependence of the retention index for perfumery compounds on a SE-30 glass capillary column. I. Linear equations 779(1997)287
- Turati, E., see Chiari, M. 781(1997)347
- Turchetto, L., see Ferretti, R. 769(1997)231
- Turkina, T.I., see Poznyak, T.I. 777(1997)47
- Turnes, M.I., see Rodríguez, I. 778(1997)279
- Turula, V.E., Bishop, R.T., Ricker, R.D. and De Haseth, J.A.
Complete structure elucidation of a globular protein by particle beam liquid chromatography–Fourier transform infrared spectrometry and electrospray liquid chromatography–mass spectrometry. Sequence and conformation of β -lactoglobulin 763(1997)91
- Twohig, M., see James, K.J. 798(1998)147
- Tyczkowska, K.L., see Keever, J. 794(1998)57
- Tyihák, E., see Kátay, G. 764(1997)103
- Tyripcí, K., Janoszka, B. and Bodzek, D.
Application of planar chromatography to the analysis of polycyclic aromatic hydrocarbons and their derivatives in environmental samples (Review) 774(1997)111
- Tyson, J.F., see Bird, S.M. 789(1997)349
- Tzanakakis, G.N., see Karamanos, N.K. 765(1997)169
- Uhnák, J., see Veningerová, M. 774(1997)333
- Uhrová, M., see Bellini, S. 772(1997)91
- Uhrová, M., see Čurda, L. 772(1997)231
- Uhrová, M., see Mikšík, I. 772(1997)213
- Ulberth, F. and Gabernig, R.
Quantitative aspects of triglyceride analysis by gas–liquid chromatography using a short metal capillary column 773(1997)233
- Ulrich-Eberius, C., see Brüns, M. 779(1997)342
- Umeda, T., see Mori, Y. 757(1997)328
- Underberg, W.J.M., see Hoitink, M.A. 776(1997)319
- Unger, K., see Kurganov, A. 753(1996)177
- Unger, K., see Kurganov, A. 797(1998)57
- Unger, K.K., see Lüdtke, S. 786(1997)229
- Unger, M., Stöckigt, D., Belder, D. and Stöckigt, J.
General approach for the analysis of various alkaloid classes using capillary electrophoresis and capillary electrophoresis–mass spectrometry 767(1997)263
- Unger, M., Stöckigt, D., Belder, D. and Stöckigt, J.
Erratum to “General approach for the analysis of various alkaloid classes using capillary electrophoresis and capillary electrophoresis–mass–spectrometry”. [J. Chromatogr. A, 767 (1997) 263–276] 786(1997)384
- Unger, M. and Stöckigt, J.
Improved detection of alkaloids in crude extracts applying capillary electrophoresis with field amplified sample injection 791(1997)323
- Uray, G., Maier, N.M., Niederreiter, K.S. and Spitaler, M.M.
Diphenylethanediamine derivatives as chiral selectors. VIII. Influence of the second amido function on the high-performance liquid chromatographic enantioseparation characteristics of (*N*-3,5-dinitrobenzoyl)-diphenylethanediamine based chiral stationary phases 799(1998)67
- Urbaniak, W., see Wasiak, W. 757(1997)137
- Urbe, I. and Ruana, J.
Application of solid-phase extraction discs with a glass fiber matrix to fast determination of polycyclic aromatic hydrocarbons in water 778(1997)337
- Urtti, A., see Ranta, V.-P. 766(1997)85

U

- Uden, P.C., see Bird, S.M. 789(1997)349
- Uden, P.C., see Nelson, B.C. 771(1997)285
- Ueda, T., see Torimura, M. 790(1997)1
- Uehara, N., Jinno, K., Hashimoto, M. and Shijo, Y.
Selective fluorometric determination of indium(III) by high-performance liquid chromatography with 2-methyl-8-quinolinol based on a ligand-exchange reaction of silanol groups 789(1997)395
- Uehiro, T., see Yasuhara, A. 774(1997)321
- Uekama, K., see Ishimura, K. 769(1997)209
- Ueno, K., see Mori, Y. 757(1997)328

V

- Vaccher, C., Vaccher, M.-P. and Bonte, J.-P.
Chiral resolution of 4-substituted pyrrolidin-2-ones using high-performance liquid chromatography on cellulose and amylose chiral stationary phases 771(1997)343
- Vaccher, M.-P., see Vaccher, C. 771(1997)343
- Vagenina, I.V., see Danilov, A.V. 773(1997)103
- Vainer, M., see Mansfield, E.S. 781(1997)295
- Valančius, P., see Liesienė, J. 764(1997)27

- Valbuena, G.A., Rao, L.V., Petersen, J.R., Okorodudu, A.O., Bissell, M.G. and Mohammad, A.A.
Anionic–zwitterionic mixed micelles in the micellar electrokinetic separation of clinically relevant steroids on a fused-silica capillary 781(1997)467
- Valcárcel, M., see Arce, L. 791(1997)279
- Valcárcel, M., see Crespiñ, M.A. 757(1997)165
- Valcárcel, M., see Tena, M.T. 753(1996)299
- Valencia, J., see Cifuentes, A. 778(1997)389
- Valfrè, F., see Bellagamba, F. 791(1997)79
- Valkó, I.E., see Riekkola, M.-L. 792(1997)13
- Valkó, K., Plass, M., Bevan, C., Reynolds, D. and Abraham, M.H.
Relationships between the chromatographic hydrophobicity indices and solute descriptors obtained by using several reversed-phase, diol, nitrile, cyclodextrin and immobilised artificial membrane-bonded high-performance liquid chromatography columns 797(1998)41
- Valli, M., see Grimm, R. 768(1997)57
- Valor, I., Moltó, J.C., Apraiz, D. and Font, G.
Matrix effects on solid-phase microextraction of organophosphorus pesticides from water 767(1997)195
- Valsecchi, S., Tartari, G. and Polesello, S.
Determination of anions in rainwater by capillary electrophoresis with conductivity detection 760(1997)326
- Valverde-García, A., see Lehotay, S.J. 765(1997)69
- Valvo, L., Ciranni, E., Alimenti, R., Alimonti, S., Draisici, R., Giannetti, L. and Lucentini, L.
Development of a simple liquid chromatographic method with UV and mass spectrometric detection for the separation of substances related to amoxicillin sodium 797(1998)311
- Van Beuzekom, A.C., see van der Hoff, G.R. 754(1996)487
- Van Bommel, M.R., de Jong, A.P.J.M., Tjaden, U.R., Irth, H. and van der Greef, J.
On-line preconcentration and high-performance liquid chromatographic determination of polycyclic aromatic hydrocarbon–DNA adducts using copper phthalocyanine trisulfonic acid as a group-specific adsorbent 755(1996)205
- Van Breemen, R.B., Nikolic, D., Xu, X., Xiong, Y., van Lieshout, M., West, C.E. and Schilling, A.B.
Development of a method for quantitation of retinol and retinyl palmitate in human serum using high-performance liquid chromatography–atmospheric pressure chemical ionization–mass spectrometry 794(1998)245
- Van Bruijnsvoort, M., Sanghi, S.K., Poppe, H. and Kok, W.Th.
Determination of chlorophenols by micellar electrokinetic chromatography with electrochemical detection 757(1997)203
- Van Buel, M.J., van der Wielen, L.A.M. and Luyben, K.Ch.A.M.
Pressure drop in centrifugal partition chromatography 773(1997)1
- Van Buel, M.J., van der Wielen, L.A.M. and Luyben, K.Ch.A.M.
Modelling gradient elution in centrifugal partition chromatography 773(1997)13
- Van den Bos, G.A., see van Lieshout, M.P.M. 764(1997)73
- Van den Bosch, S.E., Heemstra, S., Kraak, J.C. and Poppe, H.
Experiences with packed capillary electrochromatography at ambient pressure 755(1996)165
- Van den Hoop, M.A.G.T. and van Staden, J.J.
Determination of phosphate in natural waters by capillary electrophoresis. Influence of solution composition on migration time and response 770(1997)321
- Van den Nest, W., see Péter, A. 797(1998)165
- Van der Eycken, J., see De Smaele, T. 793(1998)99
- Van der Greef, J., see Buscher, B.A.P. 764(1997)135
- Van der Greef, J., see Buscher, B.A.P. 777(1997)51
- Van der Greef, J., see Buscher, B.A.P. 788(1997)165
- Van der Greef, J., see Lamoree, M.H. 777(1997)31
- Van der Greef, J., see Lutz, E.S.M. 755(1996)179
- Van der Greef, J., see Lutz, E.S.M. 776(1997)169
- Van der Greef, J., see Oosterkamp, A.J. 787(1997)27
- Van der Greef, J., see Oosterkamp, A.J. 787(1997)37
- Van der Greef, J., see van Bommel, M.R. 755(1996)205
- van der Greef, J., see Van der Hoeven, R.A.M. 762(1997)193
- Van der Heijden, R., see Hermans-Lokkerbol, A. 752(1996)123
- Van der Hoeven, R.A.M., Hofte, A.J.P., Frenay, M., Irth, H., Tjaden, U.R., Van der Greef, J., Rudolph, A., Boos, K.-S., Marko Varga, G. and Edholm, L.E.
Liquid chromatography–mass spectrometry with on-line solid-phase extraction by a restricted-access C₁₈ precolumn for direct plasma and urine injection 762(1997)193
- Van der Hoff, G.R., van Beuzekom, A.C., Brinkman, U.A.Th., Baumann, R.A. and van Zoonen, P.
Determination of organochlorine compounds in fatty matrices. Application of rapid off-line normal-phase liquid chromatographic clean-up 754(1996)487
- Van der Schans, M.J., Kuypers, A.W.H.M., Kloosterman, A.D., Janssen, H.J.T. and Everaerts, F.M.
Comparison of resolution of double-stranded and single-stranded DNA in capillary electrophoresis 772(1997)255
- Van der Wal, S., see Klinkenberg, H. 794(1998)219
- Van der Wielen, L.A.M., see van Buel, M.J. 773(1997)1
- Van der Wielen, L.A.M., see van Buel, M.J. 773(1997)13
- Van Dongen, W., see Chauvaux, N. 775(1997)143
- Van Elteren, J.T., see Harms, A.V. 755(1996)219
- Van Elteren, J.T. and Šlejkovec, Z.
Ion-exchange separation of eight arsenic compounds by high-performance liquid chromatography–UV decomposition–hydride generation–atomic fluorescence spectrometry and stability tests for food treatment procedures 789(1997)339
- Van Heukelem, L., see Zhu, P.L. 756(1996)51
- Van Heukelem, L., see Zhu, P.L. 756(1996)63
- Van Langenhove, H., see Dewulf, J. 761(1997)205
- Van Langenhove, H., see Keymeulen, R. 765(1997)247
- Van Langenhove, H., see Keymeulen, R. 774(1997)213
- Van Lieshout, M., see van Breemen, R.B. 794(1998)245
- Van Lieshout, M.P.M., Janssen, H.-G., Cramers, C.A. and van den Bos, G.A.
Programmed-temperature vaporiser injector as a new analytical tool for combined thermal desorption–pyrolysis of solid samples. Application to geochemical analysis 764(1997)73

- Van Nuwenborg, J.E., Stöckl, D. and Thienpont, L.M.
Practical aspects of suppressed ion chromatography for cations in human serum 770(1997)137
- Van Nuwenborg, J.E., see Thienpont, L.M. 789(1997)557
- Van Oncelen, H.A., see Chauvaux, N. 775(1997)143
- Van Schepdael, A., see Zhu, Y. 781(1997)417
- Van Schepdael, A., see Zhu, Y. 792(1997)83
- Van Staden, J.J., see van den Hoop, M.A.G.T. 770(1997)321
- van Straten, M.A., see Kirkland, J.J. 762(1997)97
- van Straten, M.A., see Kirkland, J.J. 797(1998)111
- van Straten, M.A., see Muijselaar, P.G. 766(1997)187
- van Stroe-Bieze, S.A.M., see Mahabir-Jagessar Tewari, K. 771(1997)155
- Van Stroe-Biezen, S.A.M., see Mahabir-Jagessar Tewari, K. 786(1997)383
- Van Valkenburg, D., see Nitowski, A.J. 781(1997)541
- Van Wandelen, C. and Cohen, S.A.
Using quaternary high-performance liquid chromatography eluent systems for separating 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate-derivatized amino acid mixtures 763(1997)11
- Van Wickern, B., Müller, B., Simat, T. and Steinhart, H.
Determination of γ -radiation induced products in aqueous solutions of tryptophan and synthesis of 4-, 6- and 7-hydroxytryptophan 786(1997)57
- van Zoonen, P., see Font, N. 798(1998)179
- Van Zoonen, P., see Hogendoorn, E.A. 754(1996)49
- Van Zoonen, P., see van der Hoff, G.R. 754(1996)487
- Van Zoonen, P. and Barceló, D.
Foreword 795(1998)1
- Vanatta, L.E. and Coleman, D.E.
Calculation of detection limits for a single-laboratory ion-chromatographic method to determine parts-per-trillion ions in ultrapure water 770(1997)105
- Vandenabeele, O., Garrelly, L., Ghelfenstein, M., Commeyras, A. and Mion, L.
Use of 2-chloroethylnitrosourea, a new type of pre-column derivatizing agent for the measurement of biogenic amines, by high-performance liquid chromatography with ultraviolet detection 795(1998)239
- Vandenbussche, E., see Qu, Y. 798(1998)19
- Vander Heyden, Y., Hartmann, C., Massart, D.L., Hollands, A.M.J., Nuyten, P. and Schoenmakers, P.
Ruggedness testing of a size-exclusion chromatographic assay for low-molecular-mass polymers 756(1996)89
- Vandesande, F., see Qu, Y. 798(1998)19
- Vandyck, J., see De Smaele, T. 793(1998)99
- Vaněk, T., see Grüner, B. 793(1998)249
- Vanhoufte, K., see Esmans, E.L. 794(1998)109
- Vanký, P., see Karamanos, N.K. 765(1997)169
- Vanni, A., see Baggiani, C. 786(1997)23
- Vargas, G., Havel, J. and Hadašová, E.
Direct determination of procainamide and N-acetylprocainamide by capillary zone electrophoresis in pharmaceutical formulations and urine 772(1997)271
- Veciana-Nogués, M.T., see Albalá-Hurtado, S. 778(1997)235
- Veciana-Nogués, M.T., see Albalá-Hurtado, S. 778(1997)243
- Veciana-Nogués, M.T., see Albalá-Hurtado, S. 778(1997)247
- Vedder, H., see Schütz, S. 754(1996)265
- Vega, A., see Subra, P. 771(1997)241
- Veide, A., see Carlsson, M. 756(1996)107
- Veiga, J.P., see Borges, C. 770(1997)195
- Veijanen, A., see Villberg, K. 791(1997)213
- Velander, W.H., see Degener, A. 799(1998)125
- Velayudhan, A., see Kim, B. 796(1998)195
- Velthorst, N.H., see Kok, S.J. 771(1997)331
- Velthorst, N.H., see Somsen, G.W. 756(1996)145
- Venema, E., De Leeuw, P., Kraak, J.C., Poppe, H. and Tijssen, R.
Polymer characterization using on-line coupling of thermal field flow fractionation and hydrodynamic chromatography 765(1997)135
- Veningerová, M., Prachar, V., Kovačičová, J. and Uhnák, J.
Analytical methods for the determination of organochlorine compounds. Application to environmental samples in the Slovak Republic 774(1997)333
- Ventura, A., see Giraud, D. 777(1997)115
- Ventura, F., see Lacorte, S. 795(1998)71
- Ventura, F., see Martí, I. 786(1997)135
- Veraart, J.R., Schouten, Y., Gooijer, C. and Lingeman, H.
Evaluation of phytic acid as a buffer additive for the separation of proteins in capillary electrophoresis 768(1997)307
- Vérette, E., see Heems, D. 798(1998)9
- Vérette, E., see Mangani, F. 762(1997)235
- Vergori, F., see Di Muccio, A. 765(1997)39
- Vergori, F., see Di Muccio, A. 765(1997)51
- Vergori, F., see Di Muccio, A. 765(1997)61
- Verhasselt, A., see Yongxin, Z. 773(1997)147
- Verhelst, H.B., see Muijselaar, P.G. 764(1997)323
- Verhelst, V., Mollie, J.-P. and Campeol, F.
Capillary zone electrophoretic determination of ionic impurities in silicone products used for electronic applications 770(1997)337
- Verhoef, J., see Kümmeler, K. 774(1997)281
- Verma, K.K., see Jain, A. 760(1997)319
- Vermeij, P., see Sparidans, R.W. 782(1997)211
- Vermillion-Salsbury, R., see Hardcastle, J.E. 763(1997)199
- Vermillion-Salsbury, R., see Jano, I. 762(1997)63
- Vermillion, W.D. and Crenshaw, M.D.
In-line respeciation: an ion-exchange ion chromatographic method applied to the separation of degradation products of chemical warfare nerve agents in soil 770(1997)253
- Verpoorte, R., see Hermans-Lokkerbol, A. 752(1996)123
- Verpoorte, R., see Hermans-Lokkerbol, A.C.J. 771(1997)71
- Vervoort, R.J.M., Derkxen, M.W.J. and Debets, A.J.J.
Monitoring of new silica-based reversed-phase stationary phases for the liquid chromatographic analysis of basic pharmaceuticals using principal components analysis 765(1997)157
- Vessillier, S., Bernillon, J., Saulnier, J. and Wallach, J.
Capillary electrophoresis in the assay of the hydrolysis of glycine-containing peptides by a protease from *Pseudomonas aeruginosa* 776(1997)133
- Vetter, W., Klobes, U., Luckas, B. and Hottinger, G.
Enantiomer separation of selected atropisomeric polychlorinated biphenyls including PCB 144 on *tert*-butyldimethylsilylated β -cyclodextrin 769(1997)247

- Vetter, W., Luckas, B. and Buijten, J.
Elution order of the 209 polychlorinated biphenyls on a high-temperature capillary column 799(1998)249
- Vetter, W. and Schurig, V.
Enantioselective determination of chiral organochlorine compounds in biota by gas chromatography on modified cyclodextrins (Review) 774(1997)143
- Veuthey, J.-L., see Cherkaoui, S. 790(1997)195
- Veuthey, J.-L., see Kohler, M. 785(1997)353
- Veuthey, J.-L., see Sadeghipour, F. 761(1997)71
- Veuthey, J.-L., see Sadeghipour, F. 787(1997)137
- Vezzani, S., see Castello, G. 779(1997)275
- Vezzani, S., Moretti, P. and Castello, G.
Automatic prediction of retention times in multi-linear programmed temperature analyses 767(1997)115
- Viana, E., Moltó, J.C. and Font, G.
Optimization of a matrix solid-phase dispersion method for the analysis of pesticide residues in vegetables 754(1996)437
- Viana, M., see Barbas, C. 778(1997)415
- Vicini, E., see Trifirò, A. 770(1997)243
- Vickers, T.J., see Doyle, C.A. 779(1997)91
- Vidal-Carou, M.C., see Albalá-Hurtado, S. 778(1997)235
- Vidal-Madjar, C., see Aflalaye, A. 761(1997)195
- Vidyasankar, S., Ru, M. and Arnold, F.H.
Molecularly imprinted ligand-exchange adsorbents for the chiral separation of underivatized amino acids 775(1997)51
- Vieites, J.M., see González, J.C. 793(1998)63
- Viel, G.T., Yang, Q., Lundahl, P., Ensing, K. and de Zeeuw, R.A.
Size-exclusion chromatographic reconstitution of the bovine brain benzodiazepine receptor. Effects of lipid environment on the binding characteristics 776(1997)101
- Vieytes, M.R., see González, J.C. 793(1998)63
- Vigh, G., see Williams, B.A. 777(1997)295
- Vigh, G., see Williams, R.L. 763(1997)253
- Vigh, Gy., see Williams, R.L. 781(1997)107
- Viglio, S., see Grimm, R. 768(1997)57
- Vikskø-Nielsen, A. and Blennow, A.
Isolation of starch branching enzyme I from potato using γ -cyclodextrin affinity chromatography 800(1998)382
- Vila, M.G., see de Barreda Jr., D.G. 795(1998)125
- Vilanova, R., see Berdié, L. 778(1997)23
- Vilas Boas, L.F., see Bronze, M.R. 768(1997)143
- Vilegas, W., see Cardoso, C.A.L. 788(1997)204
- Villani, S., see Scalia, S. 795(1998)219
- Villanueva-Cañadas, R.M., see Rapado-Martínez, I. 765(1997)221
- Villanueva, J., Pelejero, C. and Grimalt, J.O.
Clean-up procedures for the unbiased estimation of C_{37} alkenone sea surface temperatures and terrigenous *n*-alkane inputs in paleoceanography 757(1997)145
- Villar, A., see Gómez-Serranillos, P. 778(1997)421
- Villarrubia, A.I., see Gómez-Serranillos, P. 778(1997)421
- Villaverde Herraiz, M.T., see Oosterkamp, A.J. 787(1997)27
- Villberg, K., Veijanen, A., Gustafsson, I. and Wickström, K.
Analysis of odour and taste problems in high-density polyethene 791(1997)213
- Vincenti, M., see Angelino, S. 793(1998)307
- Vindevogel, J., see Boonkerd, S. 756(1996)279
- Visser, T., see Somsen, G.W. 756(1996)145
- Vissers, J.P.C., Claessens, H.A. and Cramers, C.A.
Microcolumn liquid chromatography: instrumentation, detection and applications 779(1997)1
- Vitale, A., see Chiari, M. 781(1997)347
- Viu-Marco, A., see Gallart, M. 776(1997)283
- Vivas, R., see Payares, P. 771(1997)213
- Vivileccchia, R.V., see Huang, W.X. 781(1997)129
- Vlasáková, V., see Pacáková, V. 764(1997)331
- Voelkel, A. and Fall, J.
Inverse gas chromatography for the examination of fractions separated from oil vacuum distillation residues 768(1997)271
- Voelkel, A. and Kopeczyński, T.
Inverse gas chromatography in the examination of organic compounds. Polarity and solubility parameters of isoquinoline derivatives 795(1998)349
- Vogt, C., see Heinig, K. 781(1997)17
- Vogt, C., see Kiessig, S. 781(1997)475
- Vogt, C., Vogt, J., Becker, A. and Rohde, E.
Separation, comparison and identification of fountain pen inks by capillary electrophoresis with UV-visible and fluorescence detection and by proton-induced X-ray emission 781(1997)391
- Vogt, C., see Wittrisch, H. 781(1997)407
- Vogt, J., see Vogt, C. 781(1997)391
- Vogt, J., see Wittrisch, H. 781(1997)407
- Vogt, S. and Freitag, R.
Comparison of anion-exchange and hydroxyapatite displacement chromatography for the isolation of whey proteins 760(1997)125
- Vogt, S., see Luellau, E. 796(1998)165
- Vogt, W., see Bazzanella, A. 792(1997)143
- Vohlídal, J., see Kabátek, Z. 786(1997)209
- Volante, M., see Ferrari, R. 795(1998)371
- Volgger, D., Zemann, A.J., Bonn, G.K. and Antal, Jr, M.J.
High-speed separation of carboxylic acids by co-electroosmotic capillary electrophoresis with direct and indirect UV detection 758(1997)263
- Volmer, D.A.
Investigation of photochemical behavior of pesticides in a photolysis reactor coupled on-line with a liquid chromatography-electrospray ionization tandem mass spectrometry system. Application to trace and confirmatory analyses in food samples 794(1998)129
- Volz, J., Bosch, F.U., Wunderlin, M., Schuhmacher, M., Melchers, K., Bensch, K., Steinhilber, W., Schäfer, K.P., Tóth, G., Penke, B. and Przybylski, M.
Molecular characterization of metal-binding polypeptide domains by electrospray ionization mass spectrometry and metal chelate affinity chromatography 800(1998)29
- Von Stockar, U., see Luellau, E. 796(1998)165
- Vossmann, K., Klein, E. and Weber, N.
Reaction of fatty acid amides and ethanolamides with trimethylsulfonium hydroxide 773(1997)239
- Votavová, H., see Grüner, B. 793(1998)249
- Vouros, P., see Apruzzese, W.A. 794(1998)97
- Vouros, P., see Ding, J. 781(1997)327
- Vovk, I., see Gibkes, J. 786(1997)163

- Vovk, I. and Prošek, M.
Quantitative evaluation of chromatograms from totally illuminated thin-layer chromatographic plates
768(1997)329
- Vovk, I. and Prošek, M.
Reproducibility of densitometric and image analysing quantitative evaluation of thin-layer chromatograms
779(1997)329
- Voyksner, R.D., see Keever, J. 794(1998)57
- Vraná, A., see Křivánková, L. 772(1997)283
- Vrchlabský, M., see Revilla, A.L. 772(1997)397
- Vrchotová, N., see Tříška, J. 793(1998)403
- Vreeken, R.J., see Hogenboom, A.C. 777(1997)81
- Vreeken, R.J., Speksnijder, P., Bobeldijk-Pastorova, I. and Noij, Th.H.M.
Selective analysis of the herbicides glyphosate and aminomethylphosphonic acid in water by on-line solid-phase extraction-high-performance liquid chromatography-electrospray ionization mass spectrometry 794(1998)187
- Vreuls, J.J., see Hogenboom, A.C. 759(1997)55
- Vreuls, J.J., see Lacorte, S. 795(1998)71
- Vreuls, J.J., see Slobodník, J. 768(1997)239
- Vrkočová, P., see Koutek, B. 759(1997)91
- Vulfson, E.N., see Brüggemann, O. 781(1997)43
- Vuorela, H., see Kaukonen, A.M. 797(1998)271
- Vuorela, H., see Liang, H.-R. 798(1998)233
- Vuorela, P., see Kaukonen, A.M. 797(1998)271
- Vuorela, P., see Liang, H.-R. 798(1998)233
- W**
- Wada, H., see Niwa, H. 789(1997)491
- Waeghe, T.J., see Zhu, P.L. 756(1996)21
- Waeghe, T.J., see Zhu, P.L. 756(1996)51
- Wagner, K.A., see Jezorek, J.R. 776(1997)221
- Wahlund, K.-G., see Petersson, M. 769(1997)301
- Wahlund, K.-G., see Wittgren, B. 760(1997)205
- Wahlund, K.-G., see Wittgren, B. 791(1997)135
- Wai, C.M., see Lin, Y. 793(1998)107
- Wai, C.M. and Wang, S.
Supercritical fluid extraction: metals as complexes (Review)
785(1997)369
- Wajcman, H., see Capelli, L. 791(1997)313
- Wakefield, M., see Tiller, P.R. 771(1997)119
- Wakida, S.-i., see Fukushi, K. 759(1997)211
- Wakida, S.-i., see Fukushi, K. 772(1997)313
- Wakida, S.-i., see Takeda, S. 781(1997)11
- Wakselman, M., see Péter, A. 790(1997)41
- Walhagen, K., see Petersson, M. 769(1997)301
- Walker, A., see Glennon, J.D. 770(1997)85
- Walker, E.B., see Walker, J.C. 781(1997)481
- Walker, E.B., see Zaugg, S.E. 781(1997)487
- Walker, J.C., Zaugg, S.E. and Walker, E.B.
Analysis of beverages by capillary electrophoresis
781(1997)481
- Wallach, J., see Vessillier, S. 776(1997)133
- Wallenborg, S.R., Markides, K.E. and Nyholm, L.
Oxidative and reductive amperometric detection of phenolic and nitroaromatic compounds in packed capillary column supercritical fluid chromatography (Review) 785(1997)121
- Walters, R.R., see Hsu, C.-Y.L. 762(1997)243
- Wan, H. and Blomberg, L.G.
Enantiomeric and diastereomeric separation of di- and tripeptides by capillary electrophoresis 758(1997)303
- Wan, H. and Blomberg, L.G.
Enantiomeric separation of small chiral peptides by capillary electrophoresis 792(1997)393
- Wan, H.B. and Wong, M.K.
Minimization of solvent consumption in pesticide residue analysis (Review) 754(1996)43
- Wan, Q.-H.
Capillary electrochromatography: effect of electrolyte concentration on electroosmotic flow and column efficiency 782(1997)181
- Wan, Q.-H., Shaw, P.N., Davies, M.C. and Barrett, D.A.
Chiral chromatography of amino acids on porous graphitic carbon coated with a series of N-substituted L-phenylalanine selectors. Effect of the anchor molecule on enantioselectivity 765(1997)187
- Wan, Q.-H., Shaw, P.N., Davies, M.C. and Barrett, D.A.
Role of alkyl and aryl substituents in chiral ligand exchange chromatography of amino acids. Study using porous graphitic carbon coated with N-substituted-L-proline selectors 786(1997)249
- Wang, C.-C. and Beale, S.C.
Preparation of linear polyacrylamide gel step gradients for capillary electrophoresis 756(1996)245
- Wang, D.-Z., see Lin, C.-E. 775(1997)349
- Wang, D.-Z., see Lin, C.-E. 776(1997)362
- Wang, F., see Jin, Q. 761(1997)169
- Wang, F.C.-Yu.
Interface between pyrolyzer and gas chromatograph. A different configuration of pyrolysis-gas chromatography 786(1997)107
- Wang, F.-L., see Chen, Y. 772(1997)129
- Wang, I.-H., Subramanian, V., Moorman, R., Burleson, J. and Ko, J.
Direct determination of pyrethrins in pyrethrum extracts by reversed-phase high-performance liquid chromatography with diode-array detection 766(1997)277
- Wang, J., see Billiot, E. 773(1997)321
- Wang, J., see Douce, D.S. 786(1997)275
- Wang, L., see Chen, J. 795(1998)305
- Wang, P. and Lee, H.K.
Recent applications of high-performance liquid chromatography to the analysis of metal complexes 789(1997)437
- Wang, P., Li, S.F.Y. and Lee, H.K.
Simultaneous determination of monofluorophosphate and fluoride in toothpaste by capillary electrophoresis 765(1997)353

- Wang, Q.S., see Gao, R.Y. 763(1997)125
 Wang, S., see Bryant, M.S. 777(1997)61
 Wang, S., see Wai, C.M. 785(1997)369
 Wang, S.-W., see Lin, C.-E. 792(1997)37
 Wang, T.
 High-performance liquid chromatographic separation of β -methyl ADC-13 enolphosphate diphenyl ester and its α -methyl diastereomer 762(1997)327
 Wang, T. and Li, S.F.Y.
 Separation of ribonucleotides by capillary electrophoresis with multifunctional electrophoretic media of phosphate ammonium salts 779(1997)215
 Wang, T. and Li, S.F.Y.
 Development of a capillary electrophoresis method with indirect photometric detection for the determination of anions related to anticaries 781(1997)457
 Wang, T. and Li, S.F.Y.
 Erratum to "Separation of ribonucleotides by capillary electrophoresis with multifunctional electrophoretic media of phosphate ammonium salts" [J. Chromatogr. A, 779 (1997) 215–225] 795(1998)400
 Wang, Y. and Dubin, P.L.
 Observation of Ficoll charge using size-exclusion chromatography 800(1998)181
 Wang, Y., see Jin, W. 769(1997)307
 Wang, Y.-H., see Chen, Z.-M. 754(1996)367
 Wang, Z. and Fingas, M.
 Developments in the analysis of petroleum hydrocarbons in oils, petroleum products and oil-spill-related environmental samples by gas chromatography (Review) 774(1997)51
 Wang, Z., Fingas, M., Landriault, M., Sigouin, L., Feng, Y. and Mullin, J.
 Using systematic and comparative analytical data to identify the source of an unknown oil on contaminated birds 775(1997)251
 Wang, Z.-G., see Liang, H. 763(1997)237
 Ward, T.J. and Oswald, T.M.
 Enantioselectivity in capillary electrophoresis using the macrocyclic antibiotics 792(1997)309
 Wardencki, W.
 Problems with the determination of environmental sulphur compounds by gas chromatography 793(1998)1
 Wardman, P., see Everett, S.A. 770(1997)273
 Warner, I.M., see Billiot, E. 773(1997)321
 Warzecha, L., see Bodzek, D. 774(1997)177
 Wasiaik, W. and Rykowska, I.
 Chemically bonded chelates as selective complexing sorbents for gas chromatography. VI. Modification of silica with NiCl_2 and CoCl_2 via β -diketonate groups 773(1997)209
 Wasiaik, W. and Urbaniak, W.
 Chemically bonded chelates as selective complexing sorbents for gas chromatography v. Silica chemically modified by Cu(II) complexes via amino groups 757(1997)137
 Wasik, A., see Pereiro, I.R. 795(1998)359
 Watanabe, H., see Tani, H. 780(1997)229
 Watanabe, K., see Kubota, N. 782(1997)159
 Watanabe, N., see Ono, S. 752(1996)287
 Watanabe, S., see Oguri, S. 790(1997)177
 Watanabe, T., Idehara, T., Yoshimura, Y. and Nakazawa, H.
 Simultaneous determination of chlorine dioxide and hypochlorite in water by high-performance liquid chromatography 796(1998)397
 Watanabe, T., Yamamoto, A., Nagai, S. and Terabe, S.
 Micellar electrokinetic chromatography as an alternative to high-performance liquid chromatography for separation and determination of phenolic compounds in Japanese spirituous liquor 793(1998)409
 Watarai, H.
 Microemulsions in separation sciences 780(1997)93
 Waterworth, J.P.
 Validation of ion chromatographic methods for the trace analysis of ions in pharmacopoeial grades of water 770(1997)99
 Watson, N.D., see Cheng, J. 771(1997)389
 Watt, P.W., see Meier-Augenstein, W. 752(1996)233
 Wätzig, H., see Degenhardt, M. 768(1997)113
 Wätzig, H., see Kaupp, S. 781(1997)55
 Wätzig, H., see Kunkel, A. 768(1997)17
 Wätzig, H., see Kunkel, A. 768(1997)125
 Wätzig, H., see Kunkel, A. 781(1997)445
 Webb, K., see White, S. 794(1998)211
 Webb, L.W., see Lane, J.R. 787(1997)111
 Weber, D., see Scott, P.M. 765(1997)255
 Weber, N., see Vosmann, K. 773(1997)239
 Weckwerth, J.D., see Pyo, D. 753(1996)291
 Wehr, T., see Rodriguez-Diaz, R. 772(1997)145
 Wei, H. and Li, S.F.Y.
 Capillary electrophoretic analysis of cyclodextrins with dynamic fluorescence labeling and detection 800(1998)333
 Weir-Lipton, M.S., see Muddiman, D.C. 771(1997)1
 Weiss, G.H., see Radko, S.P. 781(1997)277
 Weiss, M., Manneberg, M., Juranville, J.-F., Lahm, H.-W. and Fountoulakis, M.
 Effect of the hydrolysis method on the determination of the amino acid composition of proteins 795(1998)263
 Weissbecker, B., see Schütz, S. 754(1996)265
 Weissenberg, M., Schaeffler, I., Menagem, E., Barzilai, M. and Levy, A.
 Isocratic non-aqueous reversed-phase high-performance liquid chromatographic separation of capsanthin and capsorubin in red peppers (*Capsicum annuum* L.), paprika and oleoresin 757(1997)89
 Welch, C.J., Szczera, T. and Perrin, S.R.
 Some recent high-performance liquid chromatography separations of the enantiomers of pharmaceuticals and other compounds using the Whelk-O 1 chiral stationary phase 758(1997)93
 Weldon, M.K., Arrington, C.M., Runnels, P.L. and Wheeler, J.F.
 Selectivity enhancement for free zone capillary electrophoresis using conventional ion-pairing agents as complexing additives 758(1997)293
 Wells, R.J., see Barden, T.J. 785(1997)251
 Wells, R.J., see Cheung, J. 771(1997)203
 Welsch, T., see Kolb, S. 792(1997)151
 Welt, S., see Catimel, B. 776(1997)15
 Welt, S., see Moritz, R.L. 798(1998)91

- Wen, R., Liang, J., Zhou, S. and Zhai, Z.
Measurement of trace phosphorus in dichlorosilane by
high-temperature hydrogen reduction gas chromatography
757(1997)319
- Wen, Y., see Zhang, H. 787(1997)161
- Wenclawiak, B., Otterbach, A. and Krappe, M.
Capillary supercritical fluid chromatography of pyrethrins
and pyrethroids with positive pressure and negative
temperature gradients 799(1998)265
- Wenclawiak, B.W., Krappe, M. and Otterbach, A.
In situ transesterification of the natural pyrethrins to methyl
esters by heterogeneous catalysis using a supercritical fluid
extraction system and detection by gas chromatography–
mass spectrometry 785(1997)263
- Wennerström, O., see Hulthe, G. 777(1997)155
- Wentworth, W.E., Helias, N., Zlatkis, A., Chen, E.C.M. and
Stearns, S.D.
Multiple detector responses for gas chromatography peak
identification 795(1998)319
- Weon, Y.C., see Park, J.H. 767(1997)1
- Werner, G., see Heinig, K. 781(1997)17
- West, C.E., see van Breemen, R.B. 794(1998)245
- Westwood, S.A., see Taylor, M.R. 768(1997)67
- Whang, C.-W., see Lee, Y.-T. 771(1997)379
- Wheals, B., see Fairman, B. 758(1997)85
- Wheat, T.E., Lilley, K.A. and Banks, J.F.
Capillary electrophoresis with electrospray mass
spectrometry detection for low-molecular-mass compounds
781(1997)99
- Wheeler, J.F., see Shelton, C.M. 792(1997)455
- Wheeler, J.F., see Weldon, M.K. 758(1997)293
- Whitaker, K.W., see Aguilar, M. 778(1997)201
- Whitcombe, M.J., see Brüggemann, O. 781(1997)43
- White, E.L., see Chu, I. 755(1996)281
- White, R., see Caldwell, G.W. 800(1998)161
- White, R.L., see Bateman, K.P. 794(1998)327
- White, S., Catterick, T., Fairman, B. and Webb, K.
Speciation of organo-tin compounds using liquid
chromatography–atmospheric pressure ionisation mass
spectrometry and liquid chromatography–inductively
coupled plasma mass spectrometry as complementary
techniques 794(1998)211
- White, W.S., see Liang, Y. 800(1998)51
- Whited, B.L., Motsegood, P.N. and Baur, J.E.
Separation of cyclic nitroxide free radicals and their redox
forms with dual microelectrochemical detection
771(1997)89
- Whitehead, P.
Ultra-pure water for ion chromatography 770(1997)115
- Whitson, P.A., see Chen, Yu.-m. 763(1997)187
- Whittal, R.M., Russon, L.M. and Li, L.
Development of liquid chromatography–mass spectrometry
using continuous-flow matrix-assisted laser desorption
ionization time-of-flight mass spectrometry 794(1998)367
- Whynot, D.M., Hartwick, R.A. and Bane, S.
Capillary isoelectric focusing with anionic coated
capillaries 767(1997)231
- Wickström, K., see Villberg, K. 791(1997)213
- Wieczorek, P., see Dzygiel, P. 793(1998)414
- Wiedmer, M., see Biedermann, M. 764(1997)65
- Wiedmer, S.K., see Riekkola, M.-L. 792(1997)13
- Wiedmer, S.K., Sirén, H., Riekkola, M.-L. and Jumppanen, J.H.
Comparison of capillary electrophoresis systems for the
reliable identification of some carboxylic acids using the
marker technique 781(1997)239
- Wiergowski, M., see Biziuk, M. 754(1996)103
- Wierzbowska, M., see Zarzycki, P.K. 787(1997)227
- Wikström, I., see Nordin, J. 777(1997)73
- Wilkins, M.R., see Yan, J.X. 764(1997)201
- Williams, B., see Creasy, W.R. 774(1997)253
- Williams, B.A. and Vigh, G.
Dry look at the CHARM (charged resolving agent
migration) model of enantiomer separations by capillary
electrophoresis 777(1997)295
- Williams, D.C., see Legendre Jr., B.L. 779(1997)185
- Williams, K.L., see Corthals, G.L. 773(1997)299
- Williams, K.L. and Sander, L.C.
Enantiomer separations on chiral stationary phases in
supercritical fluid chromatography (Review) 785(1997)149
- Williams, K.L., see Yan, J.X. 764(1997)201
- Williams, R.L., Childs, B., Dose, E.V., Guiochon, G. and Vigh,
Gy.
Peak shape distortions during capillary electrophoretic
separations of multicomponent samples in two co-ion
buffers 781(1997)107
- Williams, R.L. and Vigh, G.
N-(Polyethyleneglycol monomethyl ether)-N-
methylnorpholinium-based background electrolytes in
capillary electrophoresis 763(1997)253
- Williams Ulfelder, K., see Guttmann, A. 781(1997)547
- Williamsen, E.J., see Pesek, J.J. 786(1997)219
- Willis, J., see Smith, S.H. 764(1997)295
- Wils, E.R.J., see Kientz, C.E. 757(1997)51
- Wilson, I.D., Morgan, E.D., Lafont, R. and Wright, B.
High-performance liquid chromatography coupled to
nuclear magnetic resonance spectroscopy. Application to
the ecdysteroids of *Silene otites* 799(1998)333
- Wilson, I.D., see Smith, R.M. 798(1998)203
- Wilson, J.A., see Tang, Y. 752(1996)93
- Wilson, N., see Pham Tuan, H. 791(1997)187
- Winchenne, J.J., see Gokana, A. 791(1997)109
- Windahl, K.L. and Cardwell, T.J.
Lability of zinc dialkyldithiophosphates under reversed-
phase hplc conditions 765(1997)181
- Windhorst, G., see Wynia, G.S. 773(1997)339
- Windmöller, C.C., see Collins, C.H. 789(1997)469
- Wingsle, G. and Moritz, T.
Analysis of ascorbate and dehydroascorbate in plant
extracts by high-resolution selected ion monitoring gas
chromatography–mass spectrometry 782(1997)95
- Winneke, G., see Bucholski, K.A. 754(1996)479
- Wisdom, G.B., see Rice, A. 772(1997)305
- Wise, S.A., see Bell, C.M. 753(1996)37
- Wise, S.A., see Bell, C.M. 757(1997)29
- Witkiewicz, Z., see Grajek, H. 782(1997)87
- Wittgren, B. and Wahlund, K.-G.
Fast molecular mass and size characterization of
polysaccharides using asymmetrical flow field-flow
fractionation–multiangle light scattering 760(1997)205

- Wittgren, B. and Wahlund, K.-G.
Effects of flow-rates and sample concentration on the molar mass characterisation of modified celluloses using asymmetrical flow field-flow fractionation–multi-angle light scattering 791(1997)135
- Wittrisch, H., Conradi, S., Rohde, E., Vogt, J. and Vogt, C.
Characterization of metal complexes of pharmaceutical interest by capillary electrophoresis with element sensitive detection 781(1997)407
- Wixforth, A., see Liebich, H.M. 763(1997)193
- Wolf, C. and Pirkle, W.H.
Enantioseparations by subcritical fluid chromatography at cryogenic temperatures 785(1997)173
- Wolf, C. and Pirkle, W.H.
Synthesis and evaluation of a copolymeric chiral stationary phase 799(1998)177
- Wolf, C., Spence, P.L., Pirkle, W.H., Derrico, E.M., Cavender, D.M. and Rozing, G.P.
Enantioseparations by electrochromatography with packed capillaries 782(1997)175
- Wolf, R., Raith, K. and Neubert, R.
Separation and quantitation of glycolipids as penetration modifiers in human skin using high-performance liquid chromatography–mass spectrometry with electrospray ionization 766(1997)71
- Wolfender, J.-L., Rodriguez, S. and Hostettmann, K.
Liquid chromatography coupled to mass spectrometry and nuclear magnetic resonance spectroscopy for the screening of plant constituents 794(1998)299
- Wolfgang, J., see Reissner, K. 763(1997)49
- Wong, B., see Lawrence, J.F. 755(1996)227
- Wong, J.E., see Rae, W.E. 781(1997)3
- Wong, J.W., see Stashenko, E.E. 752(1996)209
- Wong, J.W., see Stashenko, E.E. 779(1997)360
- Wong, M.K., see Wan, H.B. 754(1996)43
- Wong, M.R., see Jane Burri, B. 762(1997)201
- Wong, P.-Y., see Jacobson, F.S. 763(1997)31
- Wong, S.C., see Jacobson, F.S. 763(1997)31
- Wood, W.D., see Chen, S.X. 800(1998)207
- Woodruff, C.L., see Lin, J.-T. 782(1997)41
- Woods, C. and Rowland, A.P.
Applications of anion chromatography in terrestrial environmental research 789(1997)287
- Woolf, E., Haddix, H.M. and Matuszewski, B.
Determination of an in vivo metabolite of a human immunodeficiency virus protease inhibitor in human plasma by high-performance liquid chromatography with tandem mass spectrometry 762(1997)311
- Wren, S.A.C.
Mobility measurements on dansylated amino acids 768(1997)153
- Wright, B., see Wilson, I.D. 799(1998)333
- Wright, P.E., see Kriwacki, R.W. 777(1997)23
- Wróbel, K., see Wróbel, K. 773(1997)163
- Wróbel, K. and Wróbel, K.
Determination of aspartame and phenylalanine in diet soft drinks by high-performance liquid chromatography with direct spectrofluorimetric detection 773(1997)163
- Wroński, M.
Fingerprint of anions involving pK_a , mobility and concentration established by using capillary isotachophoresis 772(1997)19
- Wsól, V., Szotáková, B., Kvásnicková, E. and Fell, A.F.
High-performance liquid chromatography study of stereospecific microsomal enzymes catalysing the reduction of a potential cytostatic drug, oracin Interspecies comparison 797(1998)197
- Wu, A.-C., see Sun, S.-W. 799(1998)337
- Wu, C.-Y., see Zhou, X.-C. 753(1996)269
- Wu, D., see Tiller, P.R. 771(1997)119
- Wu, G.-M., see Ratto, J.J. 763(1997)337
- Wu, H., see Lin, Y. 793(1998)107
- Wu, H.-K. and Sheu, S.-J.
Capillary electrophoretic determination of the constituents of *Paeoniae Radix* 753(1996)139
- Wu, H.-L., see Chen, S.-H. 799(1998)93
- Wu, H.-L., Shyu, Y.-Y., Kou, H.-S., Chen, S.-H., Wu, M. and Wu, S.-S.
Chemically removable derivatization reagent for liquid chromatography: 2-(2-naphthoxy)ethyl 2-[1-(4-benzyl)piperazyl]ethanesulfonate 769(1997)201
- Wu, J., see Kriwacki, R.W. 777(1997)23
- Wu, J.-T., Qian, M.G., Li, M.X., Zheng, K., Huang, P. and Lubman, D.M.
On-line analysis by capillary separations interfaced to an ion trap storage/reflection time-of-flight mass spectrometer 794(1998)377
- Wu, M., see Wu, H.-L. 769(1997)201
- Wu, Q., see Muddiman, D.C. 771(1997)1
- Wu, S.-M., see Chen, S.-H. 799(1998)93
- Wu, S.-S., see Wu, H.-L. 769(1997)201
- Wu, Y., see Natishan, T.K. 800(1998)275
- Wu, Z. and Tong, W.G.
Sensitive absorbance detection method for capillary electrophoresis based on laser wave-mixing 773(1997)291
- Wunderlin, M., see Volz, J. 800(1998)29
- Wünsch, G., see Nachtigall, D. 775(1997)197
- Wunschel, D.S., Fox, K.F., Fox, A., Nagpal, M.L., Kim, K., Stewart, G.C. and Shahgholi, M.
Quantitative analysis of neutral and acidic sugars in whole bacterial cell hydrolysates using high-performance anion-exchange liquid chromatography–electrospray ionization tandem mass spectrometry 776(1997)205
- Wydick, J.E., see Chen, S.X. 800(1998)207
- Wynia, G.S., Windhorst, G., Post, P.C. and Maris, F.A.
Development and validation of a capillary electrophoresis method within a pharmaceutical quality control environment and comparison with high-performance liquid chromatography 773(1997)339
- Wyss, R., Bucheli, F. and Philipp, W.
Determination of several N-methyl-D-aspartate receptor blockers in plasma and brain by a selective high-performance liquid chromatographic method with column switching 797(1998)211

X

Xi, X., see Oldenburg, K.E. 788(1997)173

Xian, J., see Singhal, R. 756(1996)263

Xie, S., Svec, F. and Fréchet, J.M.J.

Rigid porous polyacrylamide-based monolithic columns containing butyl methacrylate as a separation medium for the rapid hydrophobic interaction chromatography of proteins 775(1997)65

Xiong, Y., see van Breemen, R.B. 794(1998)245

Xu, C.-G., see Liang, H. 763(1997)237

Xu, D.-K., see Lin, H. 760(1997)227

Xu, G., see Liebich, H.M. 793(1998)341

Xu, L., Magiera, D., Abushamaa, H., Kugabalaosoriar, S. and Giese, R.W.

Ketone electrophores and an olefin-release group electrophore-labeled DNA oligomer. Detection via electron capture 764(1997)95

Xu, X., Kok, W.Th. and Poppe, H.

Noise and baseline disturbances in indirect UV detection in capillary electrophoresis 786(1997)333

Xu, X., see van Breemen, R.B. 794(1998)245

Xu, Y.Q., see Liu, X. 789(1997)569

Xu, Z., see Song, L. 780(1997)297

Y

Yaeda, T., see Sato, H. 789(1997)267

Yagoubi, N., see El Mansouri, H. 771(1997)111

Yaguchi, M., see Bateman, K.P. 794(1998)327

Yaku, K., Aoe, K., Nishimura, N., Sato, T. and Morishita, F. Retention behavior of synthetic corticosteroids in packed-column supercritical fluid chromatography 773(1997)277

Yaku, K., Aoe, K., Nishimura, N., Sato, T. and Morishita, F. Chiral resolution of four optical isomers of diltiazem hydrochloride on Chiralcel columns by packed-column supercritical fluid chromatography 785(1997)185

Yamada, H., see Niwa, H. 789(1997)491

Yamaguchi, M., see Ohkubo, A. 779(1997)113

Yamaji, T., see Okutani, T. 788(1997)113

Yamamoto, A., see Ando, K. 789(1997)43

Yamamoto, A., see Watanabe, T. 793(1998)409

Yamamoto, F.M., see Rokushika, S. 789(1997)207

Yamamoto, S., see Kaltenbrunner, O. 760(1997)41

Yamamoto, T., see Yasuhara, A. 774(1997)321

Yamanaka, M., Sakai, T., Kumagai, H. and Inoue, Y. Specific determination of bromate and iodate in ozonized water by ion chromatography with postcolumn derivatization and inductively-coupled plasma mass spectrometry 789(1997)259

Yamane, M., see Fukushi, K. 772(1997)313

Yamane, M., see Takeda, S. 781(1997)11

Yamasaki, H., see Moriyama, H. 798(1998)125

Yan, H., see Zhou, X.-C. 753(1996)269

Yan, J.X., Packer, N.H., Tonella, L., Ou, K., Wilkins, M.R., Sanchez, J.-C., Gooley, A.A., Hochstrasser, D.F. and Williams, K.L.

High sample throughput phosphoamino acid analysis of proteins separated by one- and two-dimensional gel electrophoresis 764(1997)201

Yan, X., see Shi, H. 779(1997)307

Yan, Y., see Chen, Q.-C. 789(1997)403

Yan, Y., see Lu, H. 800(1998)247

Yanagida, K., Ogawa, H., Omichi, K. and Hase, S.

Introduction of a new scale into reversed-phase high-performance liquid chromatography of pyridylamino sugar chains for structural assignment 800(1998)187

Yanagisawa, A., see Kobayashi, H. 772(1997)137

Yang, C.-L., see Liu, C.-Y. 773(1997)199

Yang, G. and Hu, Z.

Comments on a general theory of ion-exchange chromatographic separation processes 755(1996)308

Yang, G.S., see Gao, R.Y. 763(1997)125

Yang, H.Z., see Gao, R.Y. 763(1997)125

Yang, J. and Griffiths, P.R.

Separation and identification of sulfonilamides by capillary supercritical fluid chromatography-Fourier transform infrared spectroscopy 785(1997)111

Yang, J. and Hage, D.S.

Effect of mobile phase composition on the binding kinetics of chiral solutes on a protein-based high-performance liquid chromatography column. Interactions of D- and L-tryptophan with immobilized human serum albumin 766(1997)15

Yang, L. and Lee, C.S.

Micellar electrokinetic chromatography-mass spectrometry 780(1997)207

Yang, Q., see Viel, G.T. 776(1997)101

Yang, S.S., Goldsmith, A.I. and Smetana, I.

Recent advances in the residue analysis of N-methylcarbamate pesticides (Review) 754(1996)3

Yang, T.C., see Jen, J.-F. 796(1998)283

Yang, W., see Gao, J. 789(1997)195

Yang, W., see Jin, Q. 761(1997)169

Yang, Y.-J., see Jen, J.-F. 791(1997)357

Yang, Yu., Miller, D.J. and Hawthorne, S.B.

Solid-phase microextraction of polychlorinated biphenyls 800(1998)257

Yang, Z.-y., see Chen, Q.-c. 771(1997)135

Yao, L., see Liang, Y. 800(1998)51

Yao, S., see Chen, K. 753(1996)171

Yap, M.G.S., see Chong Loh, K. 760(1997)165

Yasaka, Y., see Harino, H. 755(1996)147

Yashima, E., see Chankvetadze, B. 773(1997)331

Yashima, E., see Chankvetadze, B. 787(1997)67

- Yasin, M., Baugh, P.J., Bonwick, G.A., Davies, D.H., Hancock, P. and Leinoudi, M.
Analytical method development for the determination of synthetic pyrethroid insecticides in soil by gas chromatography-mass spectrometry operated in negative-ion chemical-ionization mode 754(1996)235
- Yasir, S.M., see Sanagi, M.M. 785(1997)361
- Yasuhara, A., Shiraishi, H., Nishikawa, M., Yamamoto, T., Uehiro, T., Nakasugi, O., Okumura, T., Kenmotsu, K., Fukui, H., Nagase, M., Ono, Y., Kawagoshi, Y., Baba, K. and Noma, Y.
Determination of organic components in leachates from hazardous waste disposal sites in Japan by gas chromatography-mass spectrometry 774(1997)321
- Yasui, T., see Niwa, H. 789(1997)491
- Yavaraski, T.P., see Kibbey, T.C.G. 752(1996)155
- Ye, L., see Co, A.C. 770(1997)69
- Yen, C.-H., see Chen, S.-H. 799(1998)93
- Yeung, E.S., see Kim, Y. 781(1997)315
- Yeung, E.S., see Zhang, N. 768(1997)135
- Yi Ting, C., see Huang, S.-D. 769(1997)239
- Yokoi, K., see Oguri, S. 787(1997)253
- Yokoyama, T., Okuda, Y., Kohara, K. and Zenki, M.
Elution delay of fluoride by chromatography of anions on silica gels coated with crown ether dyes 755(1996)43
- Yongxin, Z., Verhasselt, A., Roets, E., Perez, A., Porqueras, E. and Hoogmartens, J.
Evaluation of liquid chromatography methods for the analysis of benzylpenicillin and its related substances 773(1997)147
- Yoo, Y.S., Han, Y.S., Suh, M.J. and Park, J.
Analysis of phosphopeptides by capillary electrophoresis and matrix-assisted laser-desorption ionization-time-of-flight mass spectrometry 763(1997)285
- Yoo, Y.S., see Suh, M.J. 781(1997)263
- Yoon, M.H., see Park, J.H. 796(1998)249
- Yoshikawa, Y., see Kojima, M. 789(1997)273
- Yoshimura, H., see Sato, M. 789(1997)361
- Yoshimura, T., see Ono, S. 752(1996)287
- Yoshimura, Y., see Watanabe, T. 796(1998)397
- Yoshioka, J., see Harino, H. 755(1996)147
- Yoshioka, N., see Mudasir 799(1998)171
- Yotsuyanagi, T., see Krokhin, O.V. 772(1997)339
- Yotsuyanagi, T., see Krokhin, O.V. 776(1997)329
- Yotsuyanagi, T., see Sato, M. 789(1997)361
- You, L.-F., see Zhang, X.-S. 789(1997)485
- Young, D.-S., see Chuang, W.-C. 755(1996)19
- Yu, A., see Jin, Q. 761(1997)169
- Yu, H.
New approach to determining each component of a two-component overlapping peak by single-column anion ion chromatography 769(1997)333
- Yu, T. and Chen, Yi-H.
Resolution studies on counter-current chromatography using supercritical fluid carbon dioxide 790(1997)31
- Yuan, H. and Olesik, S.V.
Supercritical fluid and enhanced-fluidity liquid extraction of phenolics from river sediment 764(1997)265
- Yuan, H. and Olesik, S.V.
Comparison of enhanced-fluidity and elevated temperature mobile phases for high-performance size-exclusion chromatography 785(1997)35
- Yuan, Q.S., see Lightfoot, E.N. 760(1997)139
- Yuan, Q.S., see Lode, F.G. 796(1998)3
- Yuchi, A., see Niwa, H. 789(1997)491
- Yun, T., Bensetiti, Z., Zhong, G. and Guiochon, G.
Effect of column efficiency on the internal concentration profiles and the performance of a simulated moving-bed unit in the case of a linear isotherm 758(1997)175
- Yun, T. and Guiochon, G.
Visualization of the heterogeneity of column beds 760(1997)17
- Yun, T., see Guiochon, G. 762(1997)83
- Yun, T., Sajonz, P., Bensetiti, Z. and Guiochon, G.
Influence of the heat of adsorption on elution band profiles in nonlinear liquid chromatography 760(1997)3
- Yung, K., see Zeng, L. 794(1998)3

Z

- Žabińska, A., see Niewiadomy, A. 791(1997)237
- Zahariou-Rakanta, H., Kalantzopoulos, A. and Roubani-Kalantzopoulou, F.
Chromatographic study of the influence of nitrogen dioxide on the reactions between volatile hydrocarbons and inorganic pigments 776(1997)275
- Zaikovskii, V.I., see Zhevivot, V.I. 786(1997)117
- Zakaria, Z., see Saim, N. 791(1997)361
- Zambudio, A., see Periago, J.F. 778(1997)263
- Zamzow, D., Lin, C.-H., Small, G.J. and Jankowiak, R.
Application of capillary electrophoresis-fluorescence line-narrowing spectroscopy for on-line spectral characterization of closely related analytes 781(1997)73
- Zanaboni, G., see Grimm, R. 768(1997)57
- Zanette, M., Marcomini, A., Marchiori, E. and Samperi, R.
High-performance liquid chromatographic-fluorescence determination of aliphatic alcohol polyethoxylates and poly(ethylene glycol)s in aqueous samples 756(1996)159
- Zanitti, L., see Ferretti, R. 795(1998)289
- Zapardiel, A., see Espartero, A.G. 778(1997)355
- Zarzycki, P.K., Nowakowska, J., Chmielewska, A., Wierzbowska, M. and Lamparczyk, H.
Thermodynamic study of the retention behaviour of selected macrocycles using reversed-phase high-performance thin-layer chromatography plates and methanol-water mobile phases 787(1997)227
- Zaugg, S.E., Cefalo, D. and Walker, E.B.
Capillary electrophoretic analysis of salicin in *Salix* spp 781(1997)487

- Zaugg, S.E., see Walker, J.C. 781(1997)481
- Zavitsanos, A.P., see Alebic-Kolbah, T. 759(1997)65
- Zavitsanos, A.P. and Alebic-Kolbah, T.
Enantioselective determination of terazosin in human plasma by normal phase high-performance liquid chromatography-electrospray mass spectrometry 794(1998)45
- Zdrahal, Z.
Determination of 4-nitrocatechol in biodegradation samples by gas chromatography-mass spectrometry 793(1998)214
- Zéches-Hanrot, M., see Renault, J.-H. 763(1997)345
- Zein, R., see Takeuchi, T. 755(1996)37
- Zelenská, V., see Kaniansky, D. 772(1997)103
- Zemann, A.J.
Sub-minute separations of organic and inorganic anions with co-electroosmotic capillary electrophoresis 787(1997)243
- Zemann, A.J., see Volgger, D. 758(1997)263
- Zeng, C.-M., Liao, J.-L., Nakazato, K. and Hjertén, S.
Hydrophobic-interaction chromatography of proteins on continuous beds derivatized with isopropyl groups 753(1996)227
- Zeng, C.-M., see Lu, L. 776(1997)81
- Zeng, L., Burton, L., Yung, K., Shushan, B. and Kassel, D.B.
Automated analytical/preparative high-performance liquid chromatography-mass spectrometry system for the rapid characterization and purification of compound libraries 794(1998)3
- Zenki, M., see Yokoyama, T. 755(1996)43
- Zgórka, G., Dragan, T., Głowniak, K. and Basiura, E.
Determination of furanochromones and pyranocoumarins in drugs and *Ammi visnaga* fruits by combined solid-phase extraction-high-performance liquid chromatography and thin-layer chromatography-high-performance liquid chromatography 797(1998)305
- Zhang, C.-X. and Thormann, W.
Separation of free and glucuronidated opioids by capillary electrophoresis in aqueous, binary and micellar media 764(1997)157
- Zhang, G.-w., see Motohashi, N. 754(1996)333
- Zhang, H., Dai, R., Ling, Y., Wen, Y., Zhang, S., Fu, R. and Gu, J.
Resorcarenine derivative used as a new stationary phase for capillary gas chromatography 787(1997)161
- Zhang, L., see Chen, J. 795(1998)305
- Zhang, L., see Ma, Z. 766(1997)282
- Zhang, L., see Zhang, X.-S. 789(1997)485
- Zhang, M., see Chen, P. 773(1997)365
- Zhang, N. and Yeung, E.S.
Simultaneous separation and genetic typing of four short tandem repeat loci by capillary electrophoresis 768(1997)135
- Zhang, S., see Song, D. 787(1997)283
- Zhang, S., see Zhang, H. 787(1997)161
- Zhang, X.-S., Shi, L., Zhang, L., You, L.-F. and Lin, C.-S.
Ion-pair reversed-phase high-performance liquid chromatographic separation and determination of ruthenium, rhodium, cobalt and copper as chelates with 1-(2-pyridylazo)-2-naphthol-6-sulfonic acid 789(1997)485
- Zhang, Y., see Le, X.C. 781(1997)515
- Zhang, Y., see Rodriguez, I. 781(1997)287
- Zhao, J.-Y., Thibault, P., Tazawa, T. and Quilliam, M.A.
Analysis of tetramine in sea snails by capillary electrophoresis-tandem mass spectrometry 781(1997)555
- Zhao, K., see Hardcastle, J.E. 763(1997)199
- Zhao, K., see Jano, I. 762(1997)63
- Zharikova, A., see Prokai, L. 800(1998)59
- Zhou, Z., see Wen, R. 757(1997)319
- Zheivot, V.I., Moroz, E.M., Zaikovskii, V.I., Chesnokov, V.V. and Gavrilov, V.Yu.
Intermolecular interactions in adsorbate-carbon systems of various nano- and adsorption textures 786(1997)117
- Zhelev, N.Z., Barratt, M.J. and Mahadevan, L.C.
Use of reversed-phase high-performance liquid chromatography on polystyrene-divinylbenzene columns for the rapid separation and purification of acid-soluble nuclear proteins 763(1997)65
- Zheng, K., see Wu, J.-T. 794(1998)377
- Zhigis, L.S., see Ivanov, A.E. 776(1997)75
- Zhong, G., see Sajonz, P. 786(1997)195
- Zhong, G., see Yun, T. 758(1997)175
- Zhou, L. and Dovletoglou, A.
Practical capillary electrophoresis method for the quantitation of the acetate counter-ion in a novel antifungal lipopeptide 763(1997)279
- Zhou, L., Trubig, J., Dovletoglou, A. and Locke, D.C.
Enantiomeric separation of the novel growth hormone secretagogue MK-0677 by capillary zone electrophoresis 773(1997)311
- Zhou, S. and Hamburger, M.
Application of liquid chromatography-atmospheric pressure ionization mass spectrometry in natural product analysis.
Evaluation and optimization of electrospray and heated nebulizer interfaces 755(1996)189
- Zhou, S., see Wen, R. 757(1997)319
- Zhou, W., see Jing, P. 752(1996)189
- Zhou, X.-C., Yan, H., Chen, Y.-Y., Wu, C.-Y. and Lu, X.-R.
Chiral crown ether-anchored polysiloxanes as capillary gas chromatography stationary phases 753(1996)269
- Zhu, J.Y., see Chai, X.S. 799(1998)207
- Zhu, M., see Rodriguez-Diaz, R. 772(1997)145
- Zhu, M., see Talmadge, K.W. 781(1997)335
- Zhu, P.L., Dolan, J.W. and Snyder, L.R.
Combined use of temperature and solvent strength in reversed-phase gradient elution. II. Comparing selectivity for different samples and systems 756(1996)41
- Zhu, P.L., Dolan, J.W., Snyder, L.R., Djordjevic, N.M., Hill, D.W., Lin, J.-T., Sander, L.C. and Van Heukelem, L.
Combined use of temperature and solvent strength in reversed-phase gradient elution. IV. Selectivity for neutral (non-ionized) samples as a function of sample type and other separation conditions 756(1996)63
- Zhu, P.L., Dolan, J.W., Snyder, L.R., Hill, D.W., Van Heukelem, L. and Waeghe, T.J.
Combined use of temperature and solvent strength in reversed-phase gradient elution. III. Selectivity for ionizable samples as a function of sample type and pH 756(1996)51

- Zhu, P.L., Snyder, L.R., Dolan, J.W., Djordjevic, N.M., Hill, D.W., Sander, L.C. and Waeghe, T.J.
Combined use of temperature and solvent strength in reversed-phase gradient elution. I. Predicting separation as a function of temperature and gradient conditions 756(1996)21
- Zhu, S., see Clifford, A.A. 785(1997)395
- Zhu, T., see Huang, A. 755(1996)138
- Zhu, X., see Desiderio, D.M. 794(1998)85
- Zhu, X., see Huang, J. 793(1998)209
- Zhu, X., see Koppenhoefer, B. 793(1998)153
- Zhu, Y., Dalle, J., Van Schepdael, A., Roets, E. and Hoogmartens, J.
Analysis of benzylpenicillin by capillary electrophoresis 792(1997)83
- Zhu, Y., Van Schepdael, A., Roets, E. and Hoogmartens, J.
Micellar electrokinetic capillary chromatography for the separation of phenoxymethylpenicillin and related substances 781(1997)417
- Zhukov, M.Yu., Ermakov, S.V. and Righetti, P.G.
Simplified mathematical model of irreversible sample adsorption in capillary zone electrophoresis 766(1997)171
- Zimina, T.M., Smith, R.M. and Myers, P.
Comparison of ODS-modified silica gels as stationary phases for electrochromatography in packed capillaries 758(1997)191
- Zimmerman, M.J., see Chen, J. 781(1997)205
- Živanov-Stakić, D., see Mihajlović, A. 798(1998)173
- Zlatkis, A., see Wentworth, W.E. 795(1998)319
- Zolla, L., Bianchetti, M., Timperio, A.M. and Corradini, D.
Rapid resolution by reversed-phase high-performance liquid chromatography of the thylakoid membrane proteins of the photosystem II light-harvesting complex 779(1997)131
- Zoorob, G.K. and Caruso, J.A.
Speciation of chromium dyes by high-performance liquid chromatography with inductively coupled plasma mass spectrometric detection 773(1997)157
- Zorn, M.E., see Noll, R.J. 775(1997)368
- Zorn, M.E., see Noll, R.J. 799(1998)259
- Zrybko, C.L., Fukuda, E.K. and Rosen, R.T.
Determination of glucosinolates in domestic and wild mustard by high-performance liquid chromatography with confirmation by electrospray mass spectrometry and photodiode-array detection 767(1997)43
- Zubov, V.P., see Ivanov, A.E. 776(1997)75
- Zufiaurre, R., Pons, B. and Nerín, C.
Speciation of trimethyllead in rainwater by gas chromatography–mass spectrometry after ethylation with sodium tetraethylborate. Comparison with other alkylation methods 779(1997)299
- Zupančič-Kralj, L., see Gladovič, N. 767(1997)63
- Zuriguel, V., Caussé, E., Bounéry, J.D., Nouadje, G., Siméon, N., Nertz, M., Salvayre, R. and Couderc, F.
Short chain fatty acids analysis by capillary electrophoresis and indirect UV detection or laser-induced fluorescence 781(1997)233
- Zydney, A.L., see Pujar, N.S. 796(1998)229