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Původní vědecké práce v mezinárodních časopisech s recenzním řízením

H. Cardy;C. Larrieu;M. Chaillet;J. Ollivier 1993 ABINITIO CI STUDY OF THE LASER-RADIATION EFFECT ON PYROLYSIS OF 1,2-DICHLOROETHANE Chemical Physics 169 3 305-315
S. L. Phan;K. J. Cendak;P. E. Hoggard 2001 A kinetic study of the photolysis of tris(2,4-pentanedionato)cobalt(III) and bis(2,4-pentanedionato)cobalt(II) in chloroform Inorganic Reaction Mechanisms 3 2 137-146
G. Tarjan;S. Nyiredy;M. Gyor;E. R. Lombosi;T. S. Lombosi;M. V. Budahegyi;S. Y. Meszaros;J. M. Takacs 1989 13TH ANNIVERSARY OF THE RETENTION INDEX ACCORDING TO KOVATS IN GAS-LIQUID CHROMATOGRAPHY Journal of Chromatography 472 1 1-92

K. D. Altria;H. Fabre 1995 APPROACHES TO OPTIMIZATION OF PRECISION IN CAPILLARY ELECTROPHORESIS Chromatographia 40 5-6 313-320
K. D. Altria;P. Frake;J. Gill;T. Haddgett;M. A. Kelly;D. R. Rudd 1995 VALIDATED CAPILLARY ELECTROPHORESIS METHOD FOR THE ASSAY OF A RANGE OF BASIC DRUGS Journal of Pharmaceutical and Biomedical Analysis 13 8 951-957
K. D. Altria;P. Harkin;M. G. Hindson 1996 Quantitative determination of tryptophan enantiomers by capillary electrophoresis Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 686 1 103-110
A. L. Crego;A. Gonzalez;M. L. Marina 1996 Electrochromatography Critical Reviews in Analytical Chemistry 26 4 261-304
A. L. Crego;M. L. Marina;J. L. Lavandera 2001 Optimization of the separation of a group of antifungals by capillary zone electrophoresis Journal of Chromatography A 917 1-2 337-345
A. L. Crego;J. Martinez;M. L. Marina 2000 Effects of injected volume and applied voltage on column efficiency in capillary electrophromatography with open tubular columns of 10 µm i.d Hrc-Journal of High Resolution Chromatography 23 5 373-378
R. Dadoc;C. Yan;R. N. Zare;D. S. Anex;D. J. Rackstraw;G. A. Hux 1997 Advances toward the routine use of capillary electrophromatography Le Gc-Magazine of Separation Science 15 7 630
R. Dadoc;R. N. Zare;C. Yan;D. S. Anex 1998 Advances in capillary electrophromatography: Rapid and high-efficiency separations of PAHs Analytical Chemistry 70 22 4787-4792
C. E. Evans 1997 Direct on-line injection in capillary electrophoresis Analytical Chemistry 69 15 2952-2954

C. W. Huck; G. K. Bonn 2001 Capillary-electrochromatographic methods for the separation of p-nitrophenyl and 1-phenyl-3-methyl-5-pyrazolone derivatized mono- and oligosaccharides Journal of Carbohydrate Chemistry 20 1 1-16


L. D. Rothman 1996 Column liquid chromatography: Equipment and instrumentation Analytical Chemistry 68 12 R587-R598

J. Schneede; P. M. Ueland 1995 APPLICATION OF CAPILLARY ELECTROPHORESIS WITH LASER-INDUCED FLUORESCENCE DETECTION FOR ROUTINE DETERMINATION OF METHYLMALONIC ACID IN HUMAN SERUM Analytical Chemistry 67 5 812-819

J. N. vanderMoolen; H. F. M. Boelens; H. Poppe; H. C. Smit 1996 Origin and correction of bias caused by sample injection and detection in capillary zone electrophoresis Journal of Chromatography A 744 1-2 103-113

Y. Xu 1995 CAPILLARY ELECTROPHORESIS Analytical Chemistry 67 12 R463-R473


K. D. Altria; S. M. Bryant; B. J. Clark; M. A. Kelly 1997 The care and maintenance of CE capillaries Lc Gc North America 15 1 34

K. D. Altria; S. M. Bryant; T. A. Hadgett 1997 Validated capillary electrophoresis method for the analysis of a range of acidic drugs and excipients Journal of Pharmaceutical and Biomedical Analysis 15 8 1091-1101

K. D. Altria; N. G. Clayton; R. C. Harden; J. V. Makwana; M. J. Portsmouth 1995 INTER-COMPANY CROSS VALIDATION EXERCISE ON CAPILLARY ELECTROPHORESIS - QUANTITATIVE-DETERMINATION OF DRUG COUNTERION LEVEL Chromatographia 40 1-2 47-50

K. D. Altria; P. Frake; I. Gill; T. Hadgett; M. A. Kelly; D. R. Rudd 1995 VALIDATED CAPILLARY ELECTROPHORESIS METHOD FOR THE ASSAY OF A RANGE OF BASIC DRUGS Journal of Pharmaceutical and Biomedical Analysis 13 8 951-957


K. D. Altria; P. Harkin; M. G. Hindson 1996 Quantitative determination of tryptophan enantiomers by capillary electrophoresis Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 686 1 103-110

K. D. Altria; R. McLean 1998 Development and optimisation of a generic micellar electrokinetic capillary chromatography method to support analysis of a wide range of pharmaceuticals and excipients Journal of Pharmaceutical and Biomedical Analysis 18 4-5 807-813

K. D. Altria; T. Wood; R. Kitscha; A. Roberts mcintosh 1995 VALIDATION OF A CAPILLARY ELECTROPHORESIS METHOD FOR THE DETERMINATION OF POTASSIUM COUNTERION LEVELS IN AN ACIDIC DRUG SALT Journal of Pharmaceutical and Biomedical Analysis 13 1 33-38

K. Altria; T. Kelly; B. Clark 1996 CE methods and buffer preparation Lc Gc North America 14 5 398

A. Cifuentes; P. Canalejas; A. Ortega; J. C. Diez-Masa 1998 Treatments of fused-silica capillaries and their influence on the electrophoretic characteristics of these columns before and after coating Journal of Chromatography A 823 1-2 561-571 OCT 26-29, 1997

D. Corradini 1997 Buffer additives other than the surfactant sodium dodecyl sulfate for protein separations by capillary electrophoresis Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 699 1-2 221-256

C. Dell’Aquila 2002 Separation of tricyclic antidepressants by capillary zone electrophoresis with N,N,N’,N’-tetramethyl-1,3-butane diamine (TMBD) as an effective electrolyte additive Journal of Pharmaceutical and Biomedical Analysis 30 2 341-350

V. Guryca; V. Pacakova; M. Tlusta’kova; K. Stulik; J. Michalek 2004 Topographical properties of polymer films deposited in capillaries for electrophoretic separations of large organic molecules Journal of Separation Science 27 13 1121-1129

V. Kasicka 1997 Theoretical bases and separation principles of capillary electromigration methods Chemicke Listy 91 5 320-329

S. Kaupp; R. Steffen; H. Watzig 1996 Characterisation of inner surface and adsorption phenomena in fused-silica capillary electrophoresis capillaries Journal of Chromatography A 744 1-2 93-101
M. A. Kelly; K. D. Altria; B. J. Clark 1997 Approaches used in the reduction of buffer electrolysis effects for routine capillary electrophoresis procedures in pharmaceutical analysis Journal of Chromatography A 768 1 73-80

J. J. B. Nevado; C. G. Cabanillas; A. M. C. Salcedo 1999 Method development and validation for the simultaneous determination of dyes in foodstuffs by capillary zone electrophoresis Analytica Chimica Acta 378 1-3 63-71


M. M. Robson; M. G. Cikalo; P. Myers; M. R. Euerby; K. D. Bartle 1997 Capillary electrochromatography: A review Journal of Microcolumn Separations 9 5 357-372

G. A. Ross 1997 Instrumental validation in capillary electrophoresis and checkpoints for method validation Accreditation and Quality Assurance 2 6 275-284

H. H. Ruttinger; B. Drager 2001 Pulsed amperometric detection of calystegines separated by capillary electrophoresis Journal of Chromatography A 925 1-2 291-296

J. P. Schaeper; M. J. Sepaniak 2000 Parameters affecting reproducibility in capillary electrophoresis Electrophoresis 21 7 1421-1429

R. Stevenson 1996 Separations solutions American Laboratory 28 2 61

H. Stutz; H. Malissa 1999 Determination of regularly distributed plant protectants in raw and drinking waters, using a multiresidue method with cyclodextrin-modified micellar electrokinetic chromatography Journal of AOAC International 82 6 1510-1522

J. R. Veraart; C. Gooijer; H. Lingeman 1997 Thermostating in capillary electrophoresis Chromatographia 44 3-4 129-134

H. Watzig; S. Kaupp; M. Graf 2003 Inner surface properties of capillaries for electrophoresis Trac-Trends in Analytical Chemistry 22 9 589-604

R. Weinberger; U. D. Neue 1997 Separations solutions - Chiral recognition American Laboratory 29 16 P17


L. A. Colon; Y. Guo; A. Fermier 1997 Capillary electrochromatography Analytical Chemistry 69 15 A461-A467


R. Dadoo; C. Yan; R. N. Zare; D. S. Anex; D. J. Rakestraw; G. A. Hux 1997 Advances toward the routine use of capillary electrophromatography Le Gc-Magazine of Separation Science 15 7 630

R. Dadoo; R. N. Zare; C. Yan; D. S. Anex 1998 Advances in capillary electrophromatography: Rapid and high-efficiency separations of PAHs Analytical Chemistry 70 22 4787-4792

R. Freitag; F. Hilbrig 2007 Theory and practical understanding of the migration behavior of proteins and peptides, in CE and related techniques Electrophoresis 28 13 2125-2144

C. Fujimoto 1999 Packing materials and separation efficiencies in capillary electrophromatography Trac-Trends in Analytical Chemistry 18 4 291-301


J. Jiskra; H. A. Claessens; C. A. Cramers 2003 Separation of basic central nervous system drugs by capillary electrophromatography Journal of Separation Science 26 1-2 43-52

J. Jiskra; H. A. Claessens; C. A. Cramers 2003 Stationary and mobile phases in capillary electrophromatography (CEC) Journal of Separation Science 26 15-16 1305-1330

J. Jiskra; C. A. Cramers; M. Byelik; H. A. Claessens 1999 Chromatographic properties of reversed-phase stationary phases under pressure- and electro-driven conditions Journal of Chromatography A 862 2 121-135

J. Jiskra; T. Jiang; H. A. Claessens; C. A. Cramers 2000 Chromatographic properties of reversed phase stationary phases under pressure and electro driven conditions. Effect of buffer composition Journal of Microcolumn Separations 12 10 530-540

J. T. Lim; R. N. Zare; C. G. Bailey; D. J. Rakestraw; C. Yan 2000 Separation of related opiate compounds using capillary electrophromatography Electrophoresis 21 4 737-742

V. Lopez-Avila; J. Benedicto; C. Yan 1999 Determination of sulfonyl urea herbicides by capillary electrochromatography Journal of Chromatographic Science 37 5 165-170

V. Lopez-Avila; J. Benedicto; C. Yan 1997 Determination of selected heterocyclic compounds containing nitrogen, oxygen, and sulfur by capillary electrophromatography Hrc-Journal of High Resolution Chromatography 20 11 615-618

A. P. McKeown; M. R. Euerby; M. Johnson; M. Koeberle; H. Lomax; H. Ritchie; P. Ross 2000 An evaluation of unbonded silica stationary phases for the separation of basic analytes using capillary electrophromatography Chromatographia 52 11-12 777-786

A. P. McKeown; M. R. Euerby; H. Lomax 2002 Assessment of silica-based reversed-phase materials for the analysis of a range of basic analytes by capillary electrophromatography Journal of Separation Science 25 15-17 1257-1268

J. C. Medina; N. J. Wu; M. L. Lee 2001 Comparison of empirical peak capacities for high efficiency capillary chromatographic techniques Analytical Chemistry 73 6 1301-1306


J. H. Miyawa; M. S. Alasandro 1998 Capillary electrochromatography separations Lc Gc North America 16 1 36-41


F. Moffatt; P. A. Cooper; K. M. Jessop 1999 Comparison of capillary electrophromatography with high-performance liquid chromatography for the analysis of pinimicarb and related compounds Journal of Chromatography A 855 1 215-226

U. Pyell 1997 Micellar electrokinetic chromatography and capillary electrophromatography - Miniaturized separation techniques Nachrichten Aus Chemie Technik Und Laboratorium 45 1 33-36

U. Pyell 2000 Advances in column technology and instrumentation in capillary electrophromatography Journal of Chromatography A 892 1-2 257-278


A. S. Rathore 2002 Theory of electroosmotic flow, retention and separation efficiency in capillary electrophromatography Electrophoresis 23 22-23 3827-3846

M. M. Robson; M. G. Cikalo; P. Myers; M. R. Euerby; K. D. Bartle 1997 Capillary electrochromatography: A review Journal of Microcolumn Separations 9 5 357-372

F. Steiner; B. Scherer 2005 Separation of small peptides by electrophorometry on silica-based reversed phases and hydrophobic anion exchange phases Electrophoresis 26 10 1996-2004

S. Suzuki; M. Yamamoto; Y. Kuwahara; K. Makiuira; S. Honda 1998 Separation of 1-phenyl-3-methyl-5-pyrazolone derivatives of monosaccharides by capillary electrophorometry Electrophoresis 19 15 2682-2688

W. Wei; G. A. Luo; C. Yan 2001 Calculation of retention factors for charged solutes in capillary electrophromatography Journal of Separation Science 24 3 203-207

W. Wei; Y. M. Wang; G. A. Luo; R. J. Wang; Y. H. Guan; C. Yan 1998 Retention prediction based on the solvatochromic comparison method in reversed-phase capillary electrophromatography Journal of Liquid Chromatography & Related Technologies 21 10 1433-1443

M. L. Ye; H. F. Zou; Z. Liu; Y. Ni 2000 Separation of acidic compounds by strong anion-exchange capillary electrophromatography Journal of Chromatography A 887 1-2 223-231


J. Cvacka; F. Opek; J. Barek; J. Zima 2000 An amperometric detector with a platinum tubular electrode for high performance liquid chromatography Electroanalysis 12 1 39-43
F. M. Matysik 2000 End-column electrochemical detection for capillary electrophoresis Electroanalysis 12 17 1349-1355

O. Nordstrom; P. Molander; T. Greibrokk; R. Blomhoff; E. Lundanes 2001 Evaluation of temperature programming for gradient elution in packed capillary liquid chromatography coupled to electrochemical detection Journal of Microcolumn Separations 13 5 179-185

E. Sahlin; A. ter Halle; K. Schaerer; J. Horn; M. Then; S. G. Weber 2003 Miniaturized electrochemical flow cells Analytical Chemistry 75 4 1031-1036

J. P. C. Vissers 1999 Recent developments in microcolumn liquid chromatography Journal of Chromatography A 856 1-2 117-143

T. Y. You; X. R. Yang; E. K. Wang 1999 Applications of microelectrodes in capillary electrophoresis electrochemical detection Electroanalysis 11 7 459-464


K. Altria; A. Marsh; C. Sanger-van de Griend 2006 Capillary electrophoresis for the analysis of small-molecule pharmaceuticals Electrophoresis 27 12 2263-2282

Z. Aydogmus 2008 Highly sensitive and selective spectrophotometric and spectrofluorimetric methods for the determination of ropinirole hydrochloride in tablets Spectrochimica Acta Part a-Molecular and Biomolecular Spectroscopy 70 1 69-78

S. M. C. Buckenmaier; D. V. McCalley; M. R. Euerby 2003 Determination of pK(a) values of organic bases in aqueous acetonitrile solutions using capillary electrophoresis Journal of Chromatography A 1004 1-2 71-79

G. A. Caliaro; C. A. Herbots 2001 Determination of pK(a) values of basic new drug substances by CE Journal of Pharmaceutical and Biomedical Analysis 26 3 427-434

B. Jancic-Stojanovic; A. Malenovic; D. Ivanovic; T. Rakic; M. Medenica 2009 Chemometrical evaluation of ropinirole and its impurity’s chromatographic behavior Journal of Chromatography A 1216 8 1263-1269

Z. J. Jia 2005 Physicochemical profiling by capillary electrophoresis Current Pharmaceutical Analysis 1 1 41-56

A. Jouyban; E. Kenndler 2008 Impurity analysis of pharmaceuticals using capillary electromigration methods Electrophoresis 29 17 3531-3551

J. M. Miller; A. C. Blackburn; Y. Shi; A. J. Melzak; O. Y. Ando 2002 Semi-empirical relationships between effective mobility, charge, and molecular weight of pharmaceuticals by pressure-assisted capillary electrophoresis: Applications in drug discovery Electrophoresis 23 17 2833-2841

B. L. Milman 2005 Literature-based generation of hypotheses on chemical composition using database co-occurrence of chemical compounds Journal of Chemical Information and Modeling 45 5 1153-1158

A. Onal 2006 Method development and validation of a rapid determination of ropinirole in tablets by LC-UV Chromatographia 64 7-8 459-461

A. Onal; S. Caglar 2007 Spectrophotometric determination of dopaminergic drugs used for Parkinson's disease, cabergoline and ropinirole, in pharmaceutical preparations Chemical & Pharmaceutical Bulletin 55 4 629-631

E. Ornskov; A. Linusson; S. Folestad 2003 Determination of dissociation constants of labile drug compounds by capillary electrophoresis Journal of Pharmaceutical and Biomedical Analysis 33 3 379-391

S. K. Poole; S. Patel; K. Dehring; H. Workman; C. F. Poole 2004 Determination of acid dissociation constants by capillary electrophoresis Journal of Chromatography A 1037 1-2 445-454

B. Sahasrabuddhey; R. Naudyal; H. Acharya; S. Khyade; P. K. Luthra; P. B. Deshpande 2007 Isolation and characterization of some potential impurities in ropinirole hydrochloride Journal of Pharmaceutical and Biomedical Analysis 43 4 1587-1593

A. L. Simplicij; F. Gilmer; N. Frankish; H. Sheridan; J. J. Walsh; J. M. Clancy 2004 Ionisation characteristics and elimination rates of some aminoisindanones determined by capillary electrophoresis Journal of Chromatography A 1045 1-2 233-238

A. Slampova; P. Bocek 2008 Statistical data processing of mobility curves of univalent weak bases Electrophoresis 29 2 538-541

A. Slampova; P. Bocek 2008 Statistical evaluation of mobility curves of univalent weak acids Electrophoresis 29 5 1196-1199

T. J. Cheng; Y. F. Huang; Y. C. Ma 2001 Urinary thiodiglycolic acid levels for vinyl chloride monomer-exposed polyvinyl chloride workers Journal of Occupational and Environmental Medicine 43 11 934-938

Z. Dlaskova; T. Navratil; M. Heyrovsky; D. Pelclova; L. Novotny 2003 Voltammetric determination of thiodiglycolic acid in urine Analytical and Bioanalytical Chemistry 375 1 164-168

T. Navratil; E. Kohlikova; M. Petr; H. Heyrovsky; D. Pelclova; S. Pristouplilova; T. I. Pristouplil; Z. Senholdova 2009 Contribution to explanation of the effect of supplemented creatine in human metabolism Food Chemistry 112 2 500-506

T. Navratil; E. Kohlikova; M. Petr; D. Pelclova; M. Heyrovsky; K. Pristouplilova 2010 Supplemented Creatine Induces Changes in Human Metabolism of Thiocompounds and One- and Two-Carbon Units Physiological Research 59 3 431-442

T. Navratil; M. Petr; Z. Senholdova; H. Heyrovsky; K. Pristouplilova; T. I. Pristouplil; D. Pelclova 2004 Excretion of thiodiglycolic acid in urine affected by some victuals and cetirizine Analytical Letters 37 6 1093-1102

K. Pristouplilova; T. I. Pristouplil; T. Navratil; M. Heyrovsky; Z. Senholdova; D. Pelclova 2005 Daily rhythm of urinary excretion of thiodiglycolic acid (TDGA) in humans under different health conditions and treatment Analytical Letters 38 4 613-627


Z. Aydogmus 2008 Highly sensitive and selective spectrophotometric and spectrofluorimetric methods for the determination of ropinirole hydrochloride in tablets Spectrochimica Acta Part A-Molecular and Biomolecular Spectroscopy 70 1 69-78

A. Azeem; Z. Iqbal; A. Ahmad; S. Khan; S. Talegaonkar 2008 Development and Validation of a Stability-Indicating Method for Determination of Ropinirole in the Bulk Drug and in Pharmaceutical Dosage Forms Acta Chromatographica 20 1 95-107

B. Jancic-Stojanovic; A. Malenovic; D. Ivanovic; T. Rakic; M. Medenica 2009 Chemometrical evaluation of ropinirole and its impurity's chromatographic behavior Journal of Chromatography A 1218 8 1263-1269


R. N. Rao; V. Nagaraju 2003 An overview of the recent trends in development of HPLC methods for determination of impurities in drugs Journal of Pharmaceutical and Biomedical Analysis 33 3 335-377

S. Sahasrabuddhey; R. Naundyl; A. Acharya; S. Khayde; P. K. Luthra; P. B. Deshpande 2007 Isolation and characterization of some potential impurities in ropinirole hydrochloride Journal of Pharmaceutical and Biomedical Analysis 43 4 1587-1593

Y. Shete; N. Pimpodkar; S. Nalawade; Y. V. Pore; B. S. Kuchekar 2009 Spectrophotometric Estimation of Ropinirole Hydrochloride in Tablets Indian Journal of Pharmaceutical Sciences 71 1 61-62

M. H. Shih; M. Y. Yeh 2003 Access to the syntheses of sydnonyl-substituted alpha,beta-unsaturated ketones and 1,3-dihydro-indol-2-ones by modified Knoevenagel reaction Tetrahedron 59 23 4103-4111


E. Klement; Z. Lipinszki; Z. Kupihar; A. Udvardy; K. F. Medzihradzsky 2010 Enrichment of O-GlcNAc Modified Proteins by the Periodate Oxidation-Hydrazide Resin Capture Approach Journal of Proteome Research 9 5 2200-2206

M. Pumera; J. Jelínek; J. Jindřich 2001 Determination of cyclodextrins and their derivatives by capillary electrophoresis with indirect UV and conductivity detection Fresenius Journal of Analytical Chemistry 369 7-8 666-669
M. Pumera; L. Rulisek 2006 Structures of inclusion complexes of halogenbenzoic acids and alpha-cyclodextrin based on AM1 calculations Journal of Molecular Modeling 12 6 799-803


K. M. Andersson; I. Hagglund 2002 Sample matrix influence on the choice of background electrolyte for the analysis of bases with capillary zone electrophoresis Journal of Chromatography A 979 1-2 11-25

S. S. Bahga; M. Bercovici; J. G. Santiago 2010 Ionic strength effects on electrophoretic focusing and separations Electrophoresis 31 5 910-919

J. L. Beckers; P. Bociek 2002 Multivalent weak electrolytes - risky background electrolytes for capillary zone electrophoresis Electrophoresis 23 12 1942-1946


J. L. Beckers; P. Bociek 2005 System zones in capillary zone electrophoresis: Moving boundaries caused by freely migrating hydrogen ions Electrophoresis 26 2 446-452

M. Bercovici; S. K. Lele; J. G. Santiago 2009 Open source simulation tool for electrophoretic stacking, focusing, and separation Journal of Chromatography A 1216 6 1008-1018

M. C. Breadmore; J. P. Quirino; W. Thorunn 2009 High-resolution computer simulations of EKC Electrophoresis 30 4 570-578

A. Chatterjee 2003 Generalized numerical formulations for multi-physics microfluidics-type applications Journal of Micromechanics and Microengineering 13 5 758-767

A. Chatterjee; D. Keating 2003 A generalized computational formulation and model for transport and stoichiometry of multivalent weak analytes in Capillary Electrophoresis techniques K. Bergman; B. Courtois; J. M. Karam; J. Korvink; K. Markus; B. Michel Dtip 2003: Design, Test, Integration and Packaging of Mem/Moems 2003 137-142


G. L. Erny; E. T. Bergstrom; D. M. Goodall; S. Grieb 2003 Effect of weak electrolytes on electromigration dispersion in capillary zone electrophoresis Analytical Chemistry 75 19 5197-5206

G. L. Erny; V. I. Esteves 2009 Robustness of the co-ion transfer ratio in capillary electrophoresis Journal of Separation Science 32 17 3007-3012

S. Furlanetto; S. Lanteri; S. Orlandini; R. Gotti; L. Giannini; S. Pinzauti 2007 Selection of background electrolyte for CZE analysis by a chemometric approach Part I. Separation of a mixture of acidic non-steroidal anti-inflammatory drugs Journal of Pharmaceutical and Biomedical Analysis 43 4 1388-1401

B. Gas 2009 Theory of electrophoresis: Fate of one equation Electrophoresis 30 S7-S15

B. Gas; V. Hruska; M. Dittmann; F. Bek; K. Witt 2007 Prediction and understanding system peaks in capillary zone electrophoresis Journal of Separation Science 30 10 1435-1445

B. Gas; M. Jaros; V. Hruska; I. Zuskova; M. Stedry 2005 PeakMaster - A freeware simulator of capillary zone electrophoresis Lc Gc Europe 18 5 282

B. Gas; E. Kendnitter 2002 Peak broadening in microchip electrophoresis: A discussion of the theoretical background Electrophoresis 23 22-23 3817-3826

B. Gas; E. Kendnitter 2004 System zones in capillary zone electrophoresis Electrophoresis 25 23-24 3901-3912

P. Gebauer; J. L. Beckers; P. Bociek 2002 Theory of system zones in capillary zone electrophoresis Electrophoresis 23 12 1779-1785


V. Hruska; B. Gas 2007 Kohlrausch regulating function and other conservation laws in electrophoresis Electrophoresis 28 1-2 3-14
Citační ohlas publikovaných prací

V. Hruska; M. Stedry; I. Zuskova; B. Gas 2004 Eigenmobilities in background electrolytes for capillary zone electrophoresis: IV. Computer program PeakMaster Electrophoresis 25 18-19 3080-3085

M. Jaros; K. Vcelakova; B. Gas 2002 Optimization of background electrolytes for capillary electrophoresis: II. Computer simulation and comparison with experiments Electrophoresis 23 16 2667-2677

C. Johns; M. C. Breadmore; M. Macka; M. Ryvolova; P. R. Haddad 2009 Recent significant developments in detection and method development for the determination of inorganic ions by CE Electrophoresis 30 S53-S56

A. Jouyban; M. Khoubnasabjafari; H. K. Chan; K. D. Altria; B. J. Clark 2003 Predicting electrophoretic mobility of beta-blockers in a water-methanol based electrolyte system Chromatographia 57 3-4 191-195

L. Krivankova; M. Brezkova; P. Gebauer; P. Bocek 2004 Importance of the counterion in optimization of a borate electrolyte system for analyses of anions in samples with complex matrices performed by capillary zone electrophoresis Electrophoresis 25 20 3406-3415

P. Kuban; C. Hauser 2004 Contactless conductivity detection in capillary electrophoresis: A review Electroanalysis 16 24 2009-2021

S. Lalwani; A. Chouai; L. M. Perez; Y. Santiago; S. Shaunak; E. E. Simanek 2009 Mimicking PAMAM Dendrimers with Amphoteric, Hybrid Triazine Dendrimers: A Comparison of Dispersity and Stability Macromolecules 42 17 6723-6732

S. Lalwani; E. Tutu; G. Vigh 2005 Isoelectric buffers, part 3: Determination of pK(a) and pI values of diamino sulfate carrier ampholytes by indirect UV-detection capillary electrophoresis Electrophoresis 26 13 2503-2510

S. Lalwani; E. Tutu; G. Vigh 2005 Synthesis and characterization of quaternary ammonium dicarboxylic acid isoelectric buffers and their use in pH-biased isoelectric trapping separations Electrophoresis 26 10 2047-2055

S. Lalwani; V. J. Venditto; A. Chouai; G. E. Rivera; S. Shaunak; E. E. Simanek 2009 Electrophoretic Behavior of Anionic Triazine and PAMAM Dendrimers: Methods for Improving Resolution and Assessing Purity Using Capillary Electrophoresis Macromolecules 42 8 3152-3161

S. Lalwani; G. Vigh 2005 A family of high-buffering capacity diamino sulfate isoelectric buffers for pH-biased isoelectric trapping separations Electrophoresis 26 1 3-9

M. Leceour-Lorin; R. Delepee; P. Morin 2009 Sensitivity improvement by using contactless conductivity rather than indirect UV detection for the determination of enantiomeric purity of amines by CE Electrophoresis 30 3 487-498


J. Muzikar; T. van de Goor; B. Gas; E. Kenndler 2002 Determination of electroosmotic flow mobility with a pressure-mediated dual-ion technique for capillary electrophoresis with conductivity detection using organic solvents Journal of Chromatography A 960 1-2 199-208

J. Muzikar; T. van de Goor; E. Kenndler 2002 The principle cause for lower plate numbers in capillary electrophoresis with most organic solvents Analytical Chemistry 74 2 434-439

R. Nehme; A. Lascaux; R. Delepee; B. Claude; P. Morin 2010 Capillary electrophoresis procedure for the simultaneous analysis and stoichiometry determination of a drug and its counter-ion by using dual-opposite end injection and contactless conductivity detection: Application to labetalol hydrochloride Analytica Chimica Acta 663 2 190-197

M. V. Piaggio; B. Peirotti; J. A. Deiber 2005 Effect of background electrolyte on the estimation of protein hydrodynamic radius and net charge through capillary zone electrophoresis Electrophoresis 26 17 3232-3246

M. V. Piaggio; B. Peirotti; J. A. Deiber 2007 Determination of the microenvironment-pH and charge and size characteristics of amino acids through their electrophoretic mobilities determined by CZE Electrophoresis 28 20 3658-3673

M. Piovezan; M. Villarreal; M. C. Bonoldi; M. A. L. de Oliveira; A. Micciche 2010 Development of a fast capillary electrophoresis method to determine inorganic cations in biodiesel samples Analytical Chimica Acta 673 2 200-205

S. P. Porras; M. L. Riekkola; E. Kenndler 2003 The principles of migration and dispersion in capillary zone electrophoresis in nonaqueous solvents Electrophoresis 24 10 1485-1498

W. D. Qin; S. F. Y. Li 2003 Determination of chlorophenoxy acid herbicides by capillary electrophoresis with integrated potential gradient detection Electrophoresis 24 12-13 2174-2179

H. Sellmeyer; H. Poppe 2002 Position and intensity of system (eigen) peaks in capillary zone electrophoresis Journal of Chromatography A 960 1-2 175-185
M. Stedry; M. Jaros; B. Gas 2002 Eigenmobilites in background electrolytes for capillary zone electrophoresis - I. System eigenpeaks and resonance in systems with strong electrolytes Journal of Chromatography A 960 1-2 187-198

M. Stedry; M. Jaros; V. Hruska; B. Gas 2004 Eigenmobilites in background electrolytes for capillary zone electrophoresis: III Linear theory of electromigration Electrophoresis 25 18-19 3071-3079

M. Stedry; M. Jaros; K. Vcelakova; B. Gas 2003 Eigenmobilites in background electrolytes for capillary zone electrophoresis: II. Eigenpeaks in univalent weak electrolytes Electrophoresis 24 3 536-547

I. Surowiec; I. Kaml; E. Kenndler 2004 Analysis of drying oils used as binding media for objects of art by capillary electrophoresis with indirect UV and conductivity detection Journal of Chromatography A 1024 1-2 245-254

W. Thormann; M. C. Breadmore; J. Caslavska; R. A. Mosher 2010 Dynamic computer simulations of electrophoresis: A versatile research and teaching tool Electrophoresis 31 5 726-754

W. Thormann; J. Caslavska; M. C. Breadmore; R. A. Mosher 2009 Dynamic computer simulations of electrophoresis: Three decades of active research Electrophoresis 30 S16-S26

A. R. Timerbaev 2002 Recent advances and trends in capillary electrophoresis of inorganic ions Electrophoresis 23 22-23 3884-3906

P. Tuma; E. Samcova; F. Duska 2008 Determination of ammonia, creatinine and inorganic cations in urine using CE with contactless conductivity detection Journal of Separation Science 31 12 2250-2264

P. Tuma; E. Samcova; V. Kvasnicova 2004 Improved detection limit for a direct determination of 8-hydroxy-2'-deoxyguanosine in untreated urine samples by capillary electrophoresis with optical detection Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 813 1-2 255-261

K. Vcelakova; I. Zuska; S. P. Porras; B. Gas; E. Kenndler 2005 Analyte and system eigenpeaks in nonaqueous capillary zone electrophoresis: Theoretical description and experimental confirmation with methanol as solvent Electrophoresis 26 2 463-472

A. Wainright; S. J. Williams; G. Ciambrone; Q. F. Xue; J. Wei; D. Harris 2002 Sample pre-concentration by isotachophoresis in microfluidic devices Journal of Chromatography A 979 1-2 69-80

A. J. Zemann 2001 Conductivity detection in capillary electrophoresis Trac-Trends in Analytical Chemistry 20 6-7 346-354

A. J. Zemann 2003 Capacitively coupled contactless conductivity detection in capillary electrophoresis Electrophoresis 24 12-13 2125-2137


M. A. Al-Ghobashy; M. A. K. Williams; D. R. K. Harding 2008 Factors affecting the performance of capillary isoelectric focusing in dynamically coated capillaries using polyethylene oxide polymer Analytical Letters 41 10 1914-1931

J. R. Catai; G. W. Somsen; G. J. de Jong 2004 Efficient and reproducible analysis of peptides by capillary electrophoresis using noncovalently bilayer-coated capillaries Electrophoresis 25 6 817-824


G. L. Erny; C. Elvira; J. San Roman; A. Cifuentes 2006 Capillary electrophoresis using copolymers of different composition as physical coatings: A comparative study Electrophoresis 27 5-6 1041-1049


R. B. Ma; H. J. Crabtree; C. J. Backhouse 2005 A rejuvenation method for poly(N,N-dimethylacrylamide)-coated glass microfluidic chips Electrophoresis 26 14 2692-2700

K. T. Myers; J. S. Pulido; R. M. Hatfield; C. A. McCannel; R. F. Dundervill; S. A. Shippy 2007 Sub-microlitre dialysis system to enable trace level peptide detection from volume-limited biological samples using MALDI-TOF-MS Analyst 132 10 1046-1052


J. Chen; Y. Song; P. Li 2007 Capillary high-performance liquid chromatography with mass spectrometry for simultaneous determination of major flavonoids, iridoid glucosides and saponins in Flos Lonicerae Journal of Chromatography A 1157 1-2 217-226

A. Greiderer; C. W. Huck; G. K. Bonn 2009 Monolithic poly(1,2-bis(p-vinylphenyl)ethane) capillary columns for simultaneous separation of low- and high-molecular-weight compounds Journal of Separation Science 32 15-16 2510-2520


A. Greiderer; L. Trojer; C. W. Huck; G. K. Bonn 2009 Influence of the polymerisation time on the porous and chromatographic properties of monolithic poly(1,2-bis(p-vinylphenyl))ethane capillary columns Journal of Chromatography A 1216 45 7747-7754

A. Greiderer; S. C. Ligon; C. W. Huck; G. K. Bonn 2009 Monolithic poly(1,2-bis(p-vinylphenyl)ethane) capillary columns for simultaneous separation of low- and high-molecular-weight compounds Journal of Separation Science 32 15-16 2510-2520

A. Greiderer; S. C. Ligon; C. W. Huck; G. K. Bonn 2009 Monolithic poly(1,2-bis(p-vinylphenyl)ethane) capillary columns for simultaneous separation of low- and high-molecular-weight compounds Journal of Separation Science 32 15-16 2510-2520

B. A. Grimes; R. Skudas; K. K. Unger; D. Lubda 2007 Pore structural characterization of monolithic silica columns by inverse size-exclusion chromatography Journal of Chromatography A 1144 1 14-29

C. Legido-Quigley; V. Melin; A. Manz; N. W. Smith 2003 Advances in capillary electrochromatography and micro-high performance liquid chromatography monolithic columns for separation science Electrophoresis 24 6 917-944

C. Legido-Quigley; V. Melin; N. W. Smith 2004 Study of short polystyrene monolith-fritted micro-liquid chromatography columns for analysis of neutral and basic compounds Journal of Chromatography A 1042 1-2 61-68

C. Legido-Quigley; N. W. Smith 2006 Short polystyrene monolith-fritted micro-liquid chromatography columns for rapid isotopic analysis of pharmaceuticals direct from plasma Analytical and Bioanalytical Chemistry 385 4 686-691

C. Legido-Quigley; N. W. Smith; D. Mallet 2002 Quantification of the sensitivity increase of a micro-high-performance liquid chromatography-electrospray ionization mass spectrometry system with decreasing column diameter Journal of Chromatography A 976 1-2 11-18

C. Legido-Quigley; N. W. Smith 2006 Short polystyrene monolith-fritted micro-liquid chromatography columns for rapid isotopic analysis of pharmaceuticals direct from plasma Analytical and Bioanalytical Chemistry 385 4 686-691
A. Messina; C. Desiderio; A. De Rossi; F. Bachetti; M. Sinibaldi 2005 Capillary electrochromatography on methacrylate based monolithic columns: Evaluation of column performance and separation of polyphenols Chromatographia 62 7-8 409-416


D. Moravcova; P. Jandera; J. Urban; J. Planeta 2004 Comparison of monolithic silica and poly(methacrylate) capillary columns for LC Journal of Separation Science 27 10-11 789-800

E. P. Nisterenko; N. P. Nisterenko; D. Connolly; F. Lacroix; B. Paull 2010 Micro-bore titanium housed polymer monoliths for reversed-phase liquid chromatography of small molecules Journal of Chromatography A 1217 2138-2146

I. Nischang; O. Bruggemann 2010 On the separation of small molecules by means of nano-liquid chromatography with methacrylate-based macroporous polymer monoliths Journal of Chromatography A 1217 33 5389-5397

L. Novakova; L. Matysova; D. Solichova; M. A. Koupparis; P. Solich 2004 Comparison of performance of C18 monolithic rod columns and conventional C18 particle-packed columns in liquid chromatographic determination of Estrogel and Ketoprofen gel Journal of Chromatography B - Analytical Technologies in the Biomedical and Life Sciences 813 1-2 191-197

A. Safarany; B. Beiler; K. Laszlo; F. Svec 2005 Control of pore formation in macroporous polymers synthesized by single-step gamma-radiation-initiated polymerization and cross-linking Polymer 46 9 2862-2871

D. Satinsky; P. Solich; P. Chocholous; R. Karlícek 2003 Monolithic columns - a new concept of separation in the sequential injection technique Analytica Chimica Acta 499 1-2 205-214

X. Shu; L. X. Chen; B. C. Yang; Y. F. Guan 2004 Preparation and characterization of long methacrylate monolithic column for capillary liquid chromatography Journal of Chromatography A 1052 1-2 205-209

A. M. Siouffi 2003 Silica gel-based monoliths prepared by the sol-gel method: facts and figures Journal of Chromatography A 1000 1-2 801-818

A. M. Siouffi 2006 About the C term in the van Deemter's equation of plate height in monoliths Journal of Chromatography A 1126 1-2 86-94

N. W. Smith; Z. Jiang 2008 Developments in the use and fabrication of organic monolithic phases for use with high-performance liquid chromatography and capillary electrochromatography Journal of Chromatography A 1184 1-2 416-440

F. Svec 2004 Monolithic Stationary Phases. Place of Birth: Prague Chemiecke Listy 98 5 232-238


Y. Ueki; T. Umemura; Y. Ishihata; T. Odake; H. Haraguchi; K. Tsunoda 2006 Preparation of low flow-resistant methacrylate-based monolithic stationary phases of different hydrophobicity and the application to rapid reversed-phase liquid chromatographic separation of alkylbenzenes at high flow rate and elevated temperature Journal of Chromatography A 1106 1-2 106-111


E. G. Vlakh; T. B. Tennikova 2009 Applications of polymethacrylate-based monoliths in high-performance liquid chromatography Journal of Chromatography A 1216 13 2637-2650


J. Zhao; Q. T. Yu; P. Li; P. Zhou; Y. J. Zhang; W. Wang 2008 Determination of nine active components in Radix Hedysari and Radix Astragali using capillary HPLC with diode array detection and MS detection Journal of Separation Science 31 2 255-261


Z. Y. Chen; S. Zeng; T. W. Yao 2007 Separation of beta-receptor blockers and analogs by Capillary Liquid Chromatography (CLC) and Pressurized Capillary Electrochromatography (pCEC) using a vancomycin chiral stationary phase column Pharmazie 62 8 585-592

S. Fanali; G. D’Orazio; M. G. Quaglia 2004 Separation of aryl propionic acids by capillary liquid chromatography Chromatographia 60 5239-5243

B. Kutnerová; J. Jelinek; M. Sticha; M. Nemcova 2004 Identification and purity control of thioacridine derivatives by gas and capillary liquid chromatography with mass spectrometric detection Analytical Letters 37 2 263-272


J. L. Beckers; P. Bocek 2005 System zones in capillary zone electrophoresis: Moving boundaries caused by freely migrating hydrogen ions Electrophoresis 26 2 446-452


J. Caslavska; W. Thormann 2006 ITP in dynamically double-coated fused-silica capillaries Electrophoresis 27 23 4618-4630

E. Dabek-Zlotorzynska; H. Chen; L. Y. Ding 2003 Recent advances in capillary electrophoresis and capillary electrochromatography of pollutants Electrophoresis 24 22-23 4128-4149

K. J. M. Francisco; C. L. da Silva 2009 A compact and high-resolution version of a capacitively coupled contactless conductivity detector Electrophoresis 30 19 3458-3464

B. Gas; M. Jaros; V. Hruska; L. Zuzkova; M. Stedry 2005 PeakMaster - A freeware simulator of capillary zone electrophoresis Lc Gc Europe 18 5 282

A. Ghaini; A. Mescher; J. Franzke; D. W. Agar 2010 Non-contact monitoring of multi-phase micro-capillary based on their dielectric properties of currents Chemie Ingenieur Technik 82 4 545-552

X. Y. Gong; P. C. Hauser 2006 Determination of different classes of amines with capillary zone electrophoresis and contactless conductivity detection Electrophoresis 27 2 468-473
S. M. Harrison; I. Kaml; V. Prokoratova; M. Mazanek; E. Kenndler 2005 Animal glues in mixtures of natural binding media used in artistic and historic objects: identification by capillary zone electrophoresis Analytical and Bioanalytical Chemistry 382 7 1520-1526

Z. Hoeraczkova; F. Opekar; K. Stulik 2005 Thinly insulated wire cells - A new device for sensitive contactless conductivity detection in flow analyses Electroanalysis 17 21 1924-1930

V. Hruska; M. Jaros; B. Gas 2006 Oscillating electrolytes Electrophoresis 27 3 513-518

V. Hruska; M. Jaros; B. Gas 2006 Simul 5 - Free dynamic simulator of electrophoresis Electrophoresis 27 5-6 984-991

V. Hruska; M. Stedry; K. Vcelakova; E. Tesarova; M. Jaros; B. Gas 2006 Eigenmobilities in background electrolytes for CZE. V. Intensity (amplitudes) of system peaks Electrophoresis 27 23 4610-4617

Z. Y. Huang; W. W. Jiang; X. M. Zhou; B. L. Wang; H. F. Ji; H. Q. Li 2009 A new method of capacitively coupled contactless conductivity detection based on series resonance Sensors and Actuators B-Chemical 143 1 239-245

M. Jaros; V. Hruska; M. Stedry; I. Zuskova; B. Gas 2004 Eigenmobilities in background electrolytes for capillary zone electrophoresis: IV. Computer program PeakMaster Electrophoresis 25 18-19 3080-3085

M. Jaros; T. Soga; T. van de Goor; B. Gas 2005 Conductivity detection in capillary zone electrophoresis: Inspection by PeakMaster Electroanalysis 26 10 1948-1953

C. Johns; M. C. Breadmore; M. Macka; M. Ryvolova; P. R. Haddad 2009 Recent significant developments in detection and method development for the determination of inorganic ions by CE Electrophoresis 30 S53-S67


K. Kalikova; V. Hruska; J. Svobodova; R. Chudoba; B. Gas; E. Tesarova 2009 Occurrence and behavior of system peaks in RP HPLC with solely aqueous mobile phases Journal of Separation Science 32 17 2864-2870

I. Kaml; K. Vcelakova; E. Kenndler 2004 Characterisation and identification of proteinaceous binding media (animal glues) from their amino acid profile by capillary electrophoresis Journal of Separation Science 27 3 161-166

V. Kasicka 2003 Recent advances in capillary electrophoresis and capillary electrochromatography of peptides Electrophoresis 24 22-23 4013-4046

P. Kuban; C. Hauser 2004 Contactless conductivity detection in capillary electrophoresis: A review Electroanalysis 16 24 2009-2021

P. Kuban; C. Hauser 2004 Fundamental aspects of contactless conductivity detection for capillary electrophoresis. Part I: Frequency behavior and cell geometry Electrochemistry 25 20 3387-3397

P. Kuban; C. Hauser 2005 Application of an external contactless conductivity detector for the analysis of beverages by microchip capillary electrophoresis Electroanalysis 26 16 3169-3178

P. Kuban; C. Hauser 2005 Effects of the cell geometry and operating parameters on the performance of an external contactless conductivity detector for microchip electrophoresis Lab on a Chip 5 4 407-415

P. Kuban; C. Hauser 2009 Ten years of axial capacitively coupled contactless conductivity detection for CZE - a review Electrophoresis 30 1 176-188

P. Kuban; D. Sterbova; V. Kuban 2006 Separation of phenolic acids by capillary electrophoresis with indirect contactless conductometric detection Electrophoresis 27 7 1368-1375

W. S. Law; P. Kuban; J. H. Zha; S. F. Y. Li; P. C. Hauser 2005 Determination of vitamin C and preservatives in beverages by conventional capillary electrophoresis and microchip electrophoresis with capacitively coupled contactless conductivity detection Electrophoresis 26 24 4648-4655

M. Macka; J. Hutchinson; A. Zemann; S. S. Zhang; R. Haddad 2003 Miniaturized movable contactless conductivity detection cell for capillary electrophoresis Electrophoresis 24 12-13 2144-2149

V. Maier; J. Petr; R. Knob; J. Horakova; J. Sevcik 2007 Electrokinetic partial filling technique as a powerful tool for enantiomeric separation of DL-lactic acid by CE with contactless conductivity detection Electrophoresis 28 11 1815-1822

M. Novotny; F. Opekar; K. Stulik 2005 The effects of the electrode system geometry on the properties of contactless conductivity detectors for capillary electrophoresis Electroanalysis 17 13 1181-1186

M. Novotny; F. Opekar; I. Jelinek 2005 Combined detector for capillary electrophoresis Chimicke Listy 99 2 132-136

M. Novotny; F. Opekar; I. Jelinek; K. Stulik 2004 Improved dual photometric-contactless conductometric detector for capillary electrophoresis Analytica Chimica Acta 525 1 17-21

F. Opekar; K. Stulik 2006 Renaissance of HF impedimetry in application to CE detection Electroanalysis 18 13-14 1282-1288
F. Opekar; K. Stulik 2010 Electrochemical Detection with Electrodes Outside the Test Solution - The Rebirth of Contactless Impedance Methods Chemické Listy 104 12 1148-1154

M.Petsch; B. X. Mayer-Helm; R. Saueremann; Chr. Joukhadar; E. Kenndler 2004 Capillary electrophoresis analysis of fosfomycin in biological fluids for clinical pharmacokinetic studies Electrophoresis 25 14 2292-2298

S. P. Porras; E. Kenndler 2004 Formamide as solvent for capillary zone electrophoresis Electrophoresis 25 17 2946-2958

M. Riesova; V. Hruska; E. Kenndler; B. Gas 2009 Electromigration Oscillations Occurring in Ternary Electrolyte Systems with Complex Eigenmobilities, as Predicted by Theory and Ascertained by Capillary Electrophoresis Journal of Physical Chemistry B 113 37 12439-12446

E. Samcova; P. Tuma 2006 Determination of proteinogenic amino acids in human plasma by capillary electrophoresis with contactless conductivity detection Electroanalysis 18 2 152-157

A. Schuchert-Shi; P. C. Hauser 2009 Peptic and tryptic digestion of peptides and proteins monitored by capillary electrophoresis with contactless conductivity detection AnalyticalBiochemistry 387 2 202-207

V. Soninova; V. Kasicka 2004 Determination of selected cations in mineral waters and infusion solutions of procaine by capillary electrophoresis with contactless conductivity detection Chemické Listy 98 4 191-196

V. Soninova; V. Kasicka 2006 Recent applications of conductivity detection in capillary and chip electrophoresis Journal of Separation Science 29 12 1743-1762

M. Stedry; M. Jaros; K. Vcelakova; B. Gas 2003 Eigenmobilities in background electrolytes for capillary zone electrophoresis: II. Eigenpeaks in univalent weak electrolytes Electrophoresis 24 3 536-547

X. Subirats; S. P. Porras; M. Roses; E. Kenndler 2005 Nitromethane as solvent in capillary electrophoresis Journal of Chromatography A 1079 1-2 246-253

I. Surowiec; I. Kaml; E. Kenndler 2004 Analysis of drying oils used as binding media for objects of art by capillary electrophoresis with indirect UV and conductivity detection Journal of Chromatography A 1024 1-2 245-254

J. Tanyanyiwa; K. Schweizer; P. C. Hauser 2003 High-voltage contactless conductivity detection of underivatized amino acids in capillary electrophoresis Electrophoresis 24 12-13 2119-2124


A. Schuchert-Shi; P. C. Hauser 2009 Peptic and tryptic digestion of peptides and proteins monitored by capillary electrophoresis with contactless conductivity detection AnalyticalBiochemistry 387 2 202-207

A. Schuchert-Shi; P. C. Hauser 2009 Peptic and tryptic digestion of peptides and proteins monitored by capillary electrophoresis with contactless conductivity detection AnalyticalBiochemistry 387 2 202-207

K. Vcelakova; I. Zuskova; E. Kenndler; B. Gas 2004 Determination of cationic and anionic compounds in human plasma by capillary electrophoresis with contactless conductivity detection Journal of Chromatography A 1079 1-2 246-253

I. Surowiec; I. Kaml; E. Kenndler 2004 Analysis of drying oils used as binding media for objects of art by capillary electrophoresis with indirect UV and conductivity detection Journal of Chromatography A 1024 1-2 245-254

J. Tanyanyiwa; K. Schweizer; P. C. Hauser 2003 High-voltage contactless conductivity detection of underivatized amino acids in capillary electrophoresis Electrophoresis 24 12-13 2119-2124

P. Tuma; E. Samcova; K. Stulik 2009 The Dependence of the Sensitivity and Reliability of Contactless Conductivity Detection on the Wall Thickness of Electrophoretic Fused-Silica Capillaries Electroanalysis 21 3-5 590-594

P. Tuma; E. Samcova; K. Stulik 2011 Determination of the spectrum of low molecular mass organic acids in urine by capillary electrophoresis with contactless conductivity and ultraviolet photometric detection-An efficient tool for monitoring of inborn metabolic disorders Analytica Chimica Acta 685 1 84-90

P. Tuma; M. Soukupova; E. Samcova; K. Stulik 2009 A determination of submicromolar concentrations of glycine in periaqueductal gray matter microdialyzates using capillary zone electrophoresis with contactless conductivity detection Electrophoresis 30 19 3436-3441

K. Vcelakova; I. Zuskova; E. Kenndler; B. Gas 2004 Determination of cationic mobilities and pK(a) values of 22 amino acids by capillary zone electrophoresis Electrophoresis 25 2 309-317
K. Vcelakova; I. Zuskova; S. P. Porras; B. Gas; E. Kenndler 2005 Analyte and system eigenpeaks in nonaqueous capillary zone electrophoresis: Theoretical description and experimental confirmation with methanol as solvent Electrophoresis 26 2 463-472

K. Vitkova; J. Petr; V. Maier; J. Znaleziona; J. Sevcik 2010 Study of electromigration effects on a pH boundary during the on-line electrokinetic preconcentration by capillary electrophoresis Electrophoresis 31 16 2771-2777

J. Wang; G. Chen; A. Muck 2009 Wall-jet conductivity detector for microchip capillary electrophoresis Talanta 78 1 207-211

W. Wang; L. Zhao; L. P. Jiang; R. Zhang; J. J. Zhu; H. Y. Chen 2008 EOF measurement by detection of a sampling zone with end-channel amperometry in microchip CE Electrophoresis 27 24 5132-5137

A. Wuersig; P. Kuban; S. Khaloo; P. C. Hauser 2006 Rapid electrophoretic separations in short capillaries using contactless conductivity detection and a sequential injection analysis manifold for hydrodynamic sample loading Analyst 131 8 944-949

A. J. Zemann 2003 Capacitively coupled contactless conductivity detection in capillary electrophoresis Electrophoresis 24 12-13 2125-2137

S. F. Zhang; L. Wang; Z. Dang 2006 A compact system of capacitively coupled contactless conductivity detection based on the square wave excitation signal for capillary electrophoresis Chinese Chemical Letters 17 9 1229-1232

S. Zhang; L. Wang; Z. Dang; T. Li; X. Liu; X. Huang; X. Deng; X. Tang 2007 Compact design for a square wave excitation contactless conductivity detector: Determination of metal cations in environmental water samples Instrumentation Science & Technology 35 3 275-2794

I. Zuskova; A. Novotna; K. Vcelakova; B. Gas 2006 Determination of limiting mobilities and dissociation constants of 21 amino acids by capillary zone electrophoresis at very low pH Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 841 1-2 129-134


E. M. Abad-Villar; P. Kuban; P. C. Hauser 2005 Determination of biochemical species on electrophoresis chips with an external contactless conductivity detector Electrophoresis 26 19 3609-3614

E. M. Abad-Villar; P. Kuban; P. C. Hauser 2006 Evaluation of the detection of biomolecules in capillary electrophoresis by contactless conductivity measurement Journal of Separation Science 29 7 1031-1037

S. Anouti; O. Vandenabeele-Trambouze; H. Cottet 2010 Heart-cutting 2D-CE with on-line preconcentration for the chiral analysis of native amino acids Electrophoresis 31 6 1029-1035

S. Anouti; O. Vandenabeele-Trambouze; D. Kovař; H. Cottet 2009 Heart-cutting 2-D CE using multiple detection points for chiral analysis of native amino acids Electrophoresis 30 1 1-10

D. Y. Boudko 2007 Bioanalytical profile of the L-arginine/nitric oxide pathway and its evaluation by capillary electrophoresis Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 851 1-2 186-210

S. Chiappin; G. Antonelli; R. Gatti; E. F. De Palo 2007 Saliva specimen: A new laboratory tool for diagnostic and basic investigation Clinica Chimica Acta 383 1-2 30-40

Y. M. Dong; X. G. Chen; Z. D. Hu 2006 Derivatization of hydrophobic amino acids in nonaqueous media and separation by nonaqueous capillary electrophoresis with laser-induced fluorescence detection Microchimica Acta 154 3-4 281-286

A. A. Elbashir; H. Y. Aboul-Enein 2010 Applications of capillary electrophoresis with capacitively coupled contactless conductivity detection (CE-(CD)-D-4) in pharmaceutical and biological analysis Biomedical Chromatography 24 10 1038-1044

K. J. M. Francisco; C. L. do Lago 2009 A compact and high-resolution version of a capacitively coupled contactless conductivity detector Electrophoresis 30 19 3458-3464

R. A. Frazier; A. Papadopouliou 2003 Recent advances in the application of capillary electrophoresis for food analysis Electrophoresis 24 22-23 4095-4105

B. Gas; V. Hruska; M. Dittmann; F. Bek; K. Witt 2007 Prediction and understanding system peaks in capillary zone electrophoresis Journal of Separation Science 30 10 1435-1445

I. Gluch; A. Urbanska; I. Zadrozna; K. Pawlak; M. Jarosz 2006 Identification of proteinaceous binding media used for paintings by capillary electrophoresis with electrospray MS detection Chemia Analityczna 51 2 195-210

X. Y. Gong; P. C. Hauser 2006 Determination of different classes of amines with capillary zone electrophoresis and contactless conductivity detection Electrophoresis 27 2 468-473

X. Y. Gong; P. Kuban; J. Tanyiwiwa; P. C. Hauser 2005 Separation of enantiomers in capillary electrophoresis with contactless conductivity detection Journal of Chromatography A 1082 2 230-234
J. Gorbatsova; M. Jaanus; M. Kaljurand 2009 Digital Microfluidic Sampler for a Portable Capillary Electropherograph Analytical Chemistry 81 20 8590-8595

S. M. Harrison; i. Kami; V. Prokoratova; M. Mazanek; E. Kenndler 2005 Animal glues in mixtures of natural binding media used in artistic and historic objects: identification by capillary zone electrophoresis Analytical and Bioanalytical Chemistry 382 7 1520-1526


I. Kami; K. Vcelakova; E. Kenndler 2004 Characterisation and identification of proteinaceous binding media (animal glues) from their amino acid profile by capillary zone electrophoresis Journal of Separation Science 27 3 161-166

V. Kasička 2003 Recent advances in capillary electrophoresis and capillary electrochromatography of peptides Electrophoresis 24 22-23 4013-4046

V. Kasička 2006 Recent developments in capillary electrophoresis and capillary electrochromatography of peptides Electrophoresis 27 1 142-175

C. W. Klampfl 2007 Determination of organic acids by CE and CEC methods Electrophoresis 28 19 3362-3378

P. Kubacak; P. Mikus; I. Valaskova; E. Havranek 2006 Simultaneous determination of essential basic amino acids in pharmaceuticals by capillary isoelectric focusing Electrophoresis 27 3 96-99


P. Kuban; P. C. Hauser 2004 Contactless conductivity detection in capillary electrophoresis: A review Electroanalysis 16 24 2009-2021

P. Kuban; P. C. Hauser 2004 Fundamental aspects of contactless conductivity detection for capillary electrophoresis. Part I: Frequency behavior and cell geometry Electrophoresis 25 20 3377-3397


P. Kuban; P. C. Hauser 2006 Application of gradient programs for the determination of underivatized amino acids and small peptides in reversed-phase high-performance liquid chromatography with contactless conductivity detection Journal of Chromatography A 1128 1-2 97-104

P. Kuban; P. C. Hauser 2009 Ten years of axial capacitively coupled contactless conductivity detection for CZE - a review Electrophoresis 30 1 176-188

W. S. Law; P. Kuban; L. L. Yuan; J. H. Zhao; S. F. Y. Li; P. C. Hauser 2006 Determination of tobramycin in human serum by capillary electrophoresis with contactless conductivity detection Electrophoresis 27 10 1932-1938

P. Li; S. P. Li; Y. T. Wang 2006 Optimization of CZE for analysis of phytochemical bioactive compounds Electrophoresis 27 23 4808-4819

T. Li; J. Yuan; Y. Yin; Z. W. Zhang; E. K. Wang 2006 Capillary electrophoresis with electrochemiluminescence detection for measurement of aspartate aminotransferase and alanine aminotransferase activities in biofluids Journal of Chromatography A 1134 1-2 311-316

D. K. Lloyd 2008 Capillary electrophoresis analysis of biofluids with a focus on less commonly analyzed matrices Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 866 1-2 154-166

T. D. Mai; H. V. Pham; P. C. Hauser 2009 Capillary electrochromatography with contactless conductivity detection for the determination of some inorganic and organic cations using monolithic octadecylsilica columns Analytica Chimica Acta 653 2 228-233

H. Muhlberger; W. Hwang; A. E. Guber; V. Saile; W. Hoffmann 2008 Polymer Lab-on-a-Chip system with electrical detection Ieee Sensors Journal 8 5-6 572-579

M. Petsch; B. X. Mayer-Helm; R. Sauermann; C. Joukhadar; E. Kenndler 2004 Capillary electrophoresis analysis of fosfomycin in biological fluids for clinical pharmacokinetic studies Electrophoresis 25 14 2292-2298

M. V. Piaggio; M. B. Peirotti; J. A. Deiber 2007 Determination of the microenvironment-pH and charge and size characteristics of amino acids through their electrophoretic mobilities determined by CZE Electrophoresis 28 20 3658-3673

E. Pobozy; W. Czarkowska; M. Trojanowicz 2006 Determination of amino acids in saliva using capillary electrophoresis with fluorimetric detection Journal of Biochemical and Biophysical Methods 67 1 37-47

A. Rainelli; P. C. Hauser 2005 Fast electrophoresis in conventional capillaries by employing a rapid injection device and contactless conductivity detection Analytical and Bioanalytical Chemistry 382 3 789-794

E. Samcova; P. Tuma 2006 Determination of proteinogenic amino acids in human plasma by capillary electrophoresis with contactless conductivity detection Electroanalysis 18 2 152-157

A. Schuchert-Shi; P. C. Hauser 2008 Monitoring the enzymatic conversion of urea to ammonium by conventional or microchip capillary electrophoresis with contactless conductivity detection Analytical Biochemistry 376 2 262-267

A. Schuchert-Shi; P. C. Hauser 2009 Peptic and tryptic digestion of peptides and proteins monitored by capillary electrophoresis with contactless conductivity detection Analytical Biochemistry 387 2 202-207

A. Schuchert-Shi; P. C. Hauser 2010 Following the Lipase Catalyzed Enantioselective Hydrolysis of Amino Acid Esters with Capillary Electrophoresis Using Contactless Conductivity Detection Chirality 22 3 331-335

V. Soninova; V. Kasicka 2006 Recent applications of conductivity detection in capillary and chip electrophoresis Journal of Separation Science 29 12 1743-1762

A. Sreedharan; A. Penaloz-Vazquez; M. C. Escobar; C. L. Bender; P. Rayas-Duarte 2009 Simple and Rapid Capillary Zone Electrophoresis Method for the Detection of Coronamic Acid, a Precursor to the Pseudomonas syringae Phytotoxin Coronatine Journal of Agricultural and Food Chemistry 57 22 10518-10523

H. W. Sun; L. Q. Li; M. Su 2008 Simultaneous determination of lidocaine, proline and lomefloxacin in human urine by CE with electrochemiluminescence detection Chromatographia 67 5-6 399-405

I. Surowiec 2008 Application of high-performance separation techniques in archaeometry Microchimica Acta 162 3-4 289-302


J. Tanyanyiwa; P. C. Hauser 2004 Capillary and microchip electrophoresis of basic drugs with contactless conductivity detection Electrophoresis 15 19 3010-3016

E. T. T. Tay; W. S. Law; P. S. C. Sim; H. Feng; J. H. Zhao; S. F. Y. Li 2007 Floating resistivity detector for microchip electrophoresis Electrophoresis 28 24 4620-4628

P. Tuma; K. Malkova; E. Samcova; K. Stulik 2010 Rapid monitoring of arrays of amino acids in clinical samples using capillary electrophoresis with contactless conductivity detection Journal of Separation Science 33 16 2394-2401

P. Tuma; F. Opekar; E. Samcova; K. Stulik 2008 A comparison of the properties of contactless conductivity and diode-array photometric detectors in analyses of low-molecular, biologically active substances by capillary electrophoresis in acetic acid solutions Electroanalysis 20 5 477-484

P. Tuma; E. Samcova 2007 Determination of free amino acids in biological fluids using capillary electrophoresis Chemické Listy 101 3 200-207

P. Tuma; E. Samcova; K. Andelova 2006 Determination of free amino acids and related compounds in amniotic fluid by capillary electrophoresis with contactless conductivity detection Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 839 1-2 12-18

P. Tuma; E. Samcova; P. Balinova 2005 Determination of 3-methylhistidine and 1-methylhistidine in untreated urine samples by capillary electrophoresis Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences 821 1 53-59

P. Tuma; E. Samcova; F. Duska 2008 Determination of ammonia, creatinine and inorganic cations in urine using CE with contactless conductivity detection Journal of Separation Science 31 12 2260-2264

P. Tuma; E. Samcova; F. Opekar; V. Jurka; K. Stulik 2007 Determination of 1-methylhistidine and 3-methylhistidine by capillary and chip electrophoresis with contactless conductivity detection Electrophoresis 28 13 2174-2180

P. Tuma; E. Samcova; F. Opekar; K. Stulik 2008 Determination of intact heparin by capillary electrophoresis with contactless conductivity detection in background electrolytes containing hydrophilic polymers Collection of Czechoslovak Chemical Communications 73 2 187-200

P. Tuma; E. Samcova; K. Stulik 2009 The Dependence of the Sensitivity and Reliability of Contactless Conductivity Detection on the Wall Thickness of Electrophoretic Fused-Silica Capillaries Electroanalysis 21 3-5 590-594

K. Vcelakova; I. Zuskova; E. Kenndler; B. Gas 2004 Determination of cationic mobilities and pK(a) values of 22 amino acids by capillary zone electrophoresis Electrophoresis 25 2 309-317

L. S. Wang; S. F. Zhang; D. Yang; X. Li; X. J. Huang; M. W. Xiao; Z. G. Chen 2007 Running buffers for determination of chromium(III)/(VI), cobalt(II) and zinc(II) in complex matrices by capillary electrophoresis with contactless conductivity detection Talanta 72 4 1342-1347

Z. J. Yang; W. D. Qin 2009 Separation of fluoroquinolones in acidic buffer by capillary electrophoresis with contactless conductivity detection Journal of Chromatography A 1216 27 5327-5332
A. J. Zemann 2003 Capacitively coupled contactless conductivity detection in capillary electrophoresis Electrophoresis 24 12-13 2125-2137

S. Zhang; L. Wang; Z. Dang; T. Li; X. Liu; X. Huang; X. Deng; X. Tang 2007 Compact design for a square wave excitation contactless conductivity detector: Determination of metal cations in environmental water samples Instrumentation Science & Technology 35 3 275-294


Y. S. Ding; K. Rogers 2010 Determination of haloacetic acids in water using solid-phase extraction/microchip capillary electrophoresis with capacitively coupled contactless conductivity detection Electrophoresis 31 15 2602-2607

X. Y. Gong; P. C. Hauser 2006 Determination of different classes of amines with capillary zone electrophoresis and contactless conductivity detection Electrophoresis 27 2 468-473

C. Johns; M. C. Breadmore; M. Macka; M. Ryvolova; P. R. Haddad 2009 Recent significant developments in detection and method development for the determination of inorganic ions by CE Electrophoresis 30 S53-S67

C. W. Klampfl 2007 Determination of organic acids by CE and CEC methods Electrophoresis 28 19 3362-3378

C. Liu; Y. Y. Mo; Z. G. Chen; X. Li; Q. L. Li; X. Zhou 2008 Dual fluorescence/contactless conductivity detection for microfluidic chip Analytica Chimica Acta 621 2 171-177

J. Petr; V. Maier; J. Horakova; J. Sevcik 2006 Simultaneous contactless conductivity detection and UV detection for the study of separation of tamsulosin enantiomers in discontinuous electrolyte systems by CE Electrophoresis 27 23 4735-4745

M. Petsch; B. X. Mayer-Helm; R. Sauermann; C. Joukhadar; E. Kenndler 2004 Capillary electrophoresis analysis of fosfomycin in biological fluids for clinical pharmacokinetic studies Electrophoresis 25 14 2292-2298


A. Schuchert-Shi; P. C. Hauser 2008 Monitoring the enzymatic conversion of urea to ammonium by conventional or microchip capillary electrophoresis with contactless conductivity detection Analytical Biochemistry 376 2 262-267

V. Soninova; V. Kasicka 2006 Recent applications of conductivity detection in capillary and chip electrophoresis Journal of Separation Science 29 12 1743-1762


J. Tanyanyiwa; P. C. Hauser 2004 Capillary and microchip electrophoresis of basic drugs with contactless conductivity detection Electrophoresis 25 17 3010-3016

S. Waseem; M. P. Abdullah 2010 Comparative Study of Sample Preparation Techniques Coupled to GC for the Analysis of Halogenated Acetic Acids (HAAs) Acids in Tap Water Journal of Chromatographic Science 48 3 188-193

A. J. Zemann 2003 Capacitively coupled contactless conductivity detection in capillary electrophoresis Electrophoresis 24 12-13 2125-2137


Z. L. Zhu; Y. X. Ge; R. H. Zhang; H. M. Ma; J. F. Zhao 2007 Rapid determination of HAAs formation potential by the reaction of humic acid with chlorine or chloramine in Chinese Universities 23 3 268-272

I. Nemcova; K. Nesmerak; B. Kafkova; J. Sejbal 2006 Physicochemical properties of 9-(alkylsulfanyl)- and 9-(arylsulfanyl) acridine derivatives and their interaction with (2-hydroxypropyl) cyclodextrins Collection of Czechoslovak Chemical Communications 71 2 179-189


H. Aoki; N. Tanaka; T. Kub; K. Hosoya 2009 Polymer-based monolithic columns in capillary format tailored by using controlled in situ polymerization Journal of Separation Science 32 3 341-358

V. Bernabe-Zafon; M. Beneito-Cambra; E. F. Simo-Alfonso; G. Ramis-Ramos; J. M. Herrero-Martinez 2009 Photo-polymerized lauryl methacrylate monolithic columns for CEC using lauryl peroxide as initiator Electrophoresis 30 21 3748-3756


C. P. Bisjak; S. H. Lubbad; L. Trojer; G. K. Bonn 2007 Novel monolithic poly(phenyl acrylate-co-1,4-phenylene diacrylate) capillary columns for biopolymer chromatography Journal of Chromatography A 1147 1 46-52

A. Canto-Mirapeix; J. M. Herrero-Martinez; D. Benavente; C. Mongay-Fernandez; E. F. Simo-Alfonso 2008 Peroxodisulfate as a chemical initiator for methacrylate-ester monolithic columns for capillary electrochromatography Electrophoresis 29 4 910-918

A. Canto-Mirapeix; J. M. Herrero-Martinez; C. Mongay-Fernandez; E. F. Simo-Alfonso 2008 Lauroyl peroxide as thermal initiator of lauryl methacrylate monolithic columns for CEC Electrophoresis 29 21 4399-4406

A. Canto-Mirapeix; J. M. Herrero-Martinez; C. Mongay-Fernandez; E. F. Simo-Alfonso 2008 Preparation and characterization of hexyl methacrylate monolithic columns for CEC Electrophoresis 29 18 3866-3874

J. Courtios; M. Szumski; E. Bystrom; A. Iwasiewicz; A. Shchukarev; K. Irgum 2006 A study of surface modification and anchoring techniques used in the preparation of monolithic microcolumns in fused silica capillaries Journal of Separation Science 29 1 14-24


Z. J. Jiang; N. W. Smith; D. P. Ferguson; M. R. Taylor 2007 Preparation and characterization of long alkyl chain methacrylate-based monolithic column for capillary electrophoresis Journal of Biochemical and Biophysical Methods 70 1 39-45

Y. Q. Lv; T. C. Hughes; X. J. Hao; N. K. Hart; S. W. Littler; X. Q. Zhang; T. W. Tan 2010 A Novel Route to Prepare Highly Reactive and Versatile Chromatographic Monoliths Macromolecular Rapid Communications 31 20 1785-1790


M. Motokawa; M. Ohira; H. Minakuchi; K. Nakanishi; N. Tanaka 2006 Performance of octadecylsilylated monolithic silica capillary columns of 530 μm inner diameter in HPLC Journal of Separation Science 29 16 2471-2477

E. P. Nesterenko; P. N. Nesterenko; D. Connolly; F. Lacroix; B. Paull 2010 Micro-bore titanium housed polymer monoliths for reversed-phase liquid chromatography of small molecules Journal of Chromatography A 1217 14 2138-2146


B. Schlemmer; R. Bandari; L. Rosenkranz; M. R. Buchmeiser 2009 Electron beam triggered, free radical polymerization-derived monolithic capillary columns for high-performance liquid chromatography Journal of Chromatography A 1216 13 2664-2670

X. Shu; L. X. Chen; B. C. Yang; Y. F. Guan 2004 Preparation and characterization of long methacrylate monolithic column for capillary liquid chromatography Journal of Chromatography A 1052 1-2 205-209


F. Svec 2009 CEC: Selected developments that caught my eye since the year 2000 Electrophoresis 30 S68-S82


F. Svec;L. Geiser 2006 Monolithic stationary phases for HPLC and sample preparation Lc Gc North America 24 4 22-27


D. Sykora;E. Tesarova;M. Vosmanska;M. Zvolankova 2007 Modern stationary phases for RP-HPLC Chemieke Listy 101 3 190-199

I. Tanret;D. Mangelings;Y. V. Heyden 2008 Influence of the polymerization-mixture composition for monolithic methacrylate-based columns on the electrochromatographic performance of drug molecules Journal of Pharmaceutical and Biomedical Analysis 48 2 264-277

L. Trojer;S. H. Lubbad;C. P. Bisjak;W. Wieder;G. K. Bonn 2007 Comparison between monolithic conventional size, microbore and capillary poly(p-methylstyrene-co-1,2-bis(p-vinylphenyl)ethane) high-performance liquid chromatography columns - Synthesis, application, long-term stability and reproducibility Journal of Chromatography A 1146 2 216-224

T. Unemura;Y. Ueki;K. Tsunoda;A. Katakai;M. Tamada;H. Haraguchi 2006 Preparation and characterization of methacrylate-based semi-micro monoliths for high-throughput bioanalysis Analytical and Bioanalytical Chemistry 386 3 566-571


E. G. Vlakh;T. B. Tennikova 2009 Applications of polymethylacrylate-based monoliths in high-performance liquid chromatography Journal of Chromatography A 1216 13 2637-2650


Y. Huang;J. P. Duan;X. Y. Jiang;H. Q. Chen;G. N. Chen 2005 Separation and determination of enkephalin-related peptides using capillary electrophoresis Journal of Separation Science 28 18 2534-2539

J. M. Saz;M. L. Marina 2008 Application of micro- and nano-HPLC to the determination and characterization of bioactive and biomarker peptides Journal of Separation Science 31 3 446-458


C. P. Bisjak;S. H. Lubbad;L. Trojer;G. K. Bonn 2007 Novel monolithic poly(phenyl acrylate-co-1,4-phenylene diacrylate) capillary columns for biopolymer chromatography Journal of Chromatography A 1147 1 46-52

J. Courtot;M. Szumski;E. Bystrom;A. Iwasiewicz;A. Schukarev;K. Irgum 2006 A study of surface modification and anchoring techniques used in the preparation of monolithic microcolumns in fused silica capillaries Journal of Separation Science 29 1 14-24

A. M. Faria;C. B. G. Bottoli;Icsf Jardim;C. H. Collins 2006 Monolithic stationary phases for chromatographic separations Quimica Nova 29 2 300-309

C. Y. Gu;J. He;J. P. Jia;N. H. Fang;S. A. Shamsi 2009 Surfactant-bound monolithic columns for CEC Electrophoresis 30 22 3814-3827

C. Y. Gu;J. He;J. P. Jia;N. H. Fang;R. Simmons;S. A. Shamsi 2010 Surfactant-bound monolithic columns for separation of proteins in capillary high performance liquid chromatography Journal of Chromatography A 1217 4 530-539
C. Y. Gu; L. Lin; X. D. Chen; J. P. Jia; D. Wu; N. H. Fang 2007 Analysis of microcystins by capillary high performance liquid chromatography using a polymethylacrylate-based monolithic column Journal of Separation Science 30 17 2866-2873


P. Jandera; J. Urban; D. Moravcova 2006 Polymethacrylate and hybrid interparticle monolithic columns for fast separations of proteins by capillary liquid chromatography Journal of Chromatography A 1109 1 60-73

Z. J. Jiang; N. W. Smith; D. Ferguson; M. R. Taylor 2007 Preparation and characterization of long alkyl chain methacrylate-based monolithic column for capillary chromatography Journal of Biochemical and Biophysical Methods 70 1 39-45

J. K. Liu; C. F. Chen; C. W. Tsao; C. C. Chang; C. C. Chu; D. L. Devoe 2009 Polymer Microchips Integrating Solid-Phase Extraction and High-Performance Liquid Chromatography Using Reversed-Phase Polymeric Monolects Monoliths Analytical Chemistry 81 7 2545-2554

M. H. Lu; Q. Feng; M. Lu; Z. W. Cai; L. Zhang; G. N. Chen 2009 Preparation and evaluation of the highly cross-linked poly(1-hexadecane-co-trimethylolpropane trimethacrylate) monolithic column for capillary electrochromatography Electrophoresis 30 20 3540-3547

Y. Q. Lv; T. C. Hughes; X. J. Hao; N. K. Hart; S. W. Littler; X. Q. Zhang; T. W. Tan 2010 A Novel Route to Prepare Highly Reactive and Versatile Chromatographic Monoliths Macromolecular Rapid Communications 31 20 1785-1790

K. Ohyama; Y. Fukahori; K. Nakashima; T. Sueyoshi; N. Kishikawa; N. Kuroda 2010 Adamantyl-functionalized polymer monolith for capillary electrophoresis Journal of Chromatography A 1217 9 1501-1505

K. Ohyama; T. Sueyoshi; N. Kishikawa; K. Nakashima; N. Kuroda 2010 Study on the Timing of Degassing for Reproducible Preparation of Polymer-Based Monolithic Columns Chromatographia 71 9-10 971-973

K. C. Saunders; A. Ghanem; W. B. Hon; E. F. Hilder; P. R. Haddad 2009 Separation and sample pre-treatment in bioanalysis using monolithic phases: A review Analytica Chimica Acta 652 1-2 22-31

A. M. Siouffi 2006 About the C term in the van Deemter's equation of plate height in monoliths Journal of Chromatography A 1126 1-2 86-94

N. W. Smith; Z. Jiang 2008 Developments in the use and fabrication of organic monolithic phases for use with high-performance liquid chromatography and capillary electrophoresis Journal of Chromatography A 1184 1-2 416-440

J. Spross; A. Sinz 2009 Immobilized monolithic enzyme reactors for application in proteomics and pharmaceuticals Analytical and Bioanalytical Chemistry 395 6 1583-1588

I. Tanret; D. Mangelings; Y. V. Heyden 2008 Influence of the polymerization-mixture composition for monolithic methacrylate-based columns on the electrochromatographic performance of drug molecules Journal of Pharmaceutical and Biomedical Analysis 48 2 264-277

M. Turson; M. Zhou; P. Jiang; X. C. Dong 2011 Monolithic poly(ethylhexyl methacrylate-co-ethylene dimethacrylate) column with restricted access layers prepared via reversible addition-fragmentation chain transfer polymerization Journal of Separation Science 34 2 127-134

Y. Ueki; T. Umemura; Y. Iwashita; T. Odake; H. Haraguchi; K. Tsunoda 2006 Preparation of low flow-resistant methacrylate-based monolithic stationary phases of different hydrophobicity and the application to rapid reversed-phase liquid chromatographic separation of alkylibenzenes at high flow rate and elevated temperature Journal of Chromatography A 1106 1-2 106-111

T. Umemura; Y. Ueki; K. Tsunoda; A. Katakai; M. Tamada; H. Haraguchi 2006 Preparation and characterization of methacrylate-based semi-micro monoliths for high-throughput bioanalysis Analytical and Bioanalytical Chemistry 386 3 566-571


J. Urban; P. Jandera 2008 Polymethacrylate monolithic columns for capillary liquid chromatography Journal of Separation Science 31 14 2521-2540


E. G. Vlakh; T. B. Tennikova 2007 Preparation of methacrylate monoliths Journal of Separation Science 30 17 2801-2813
Applications of polymethacrylate-based monoliths in high-performance liquid chromatography

Journal of Chromatography A 1216 13 2637-2650

Capillary electrochromatography column behavior of butyl and lauryl acrylate porous polymer monoliths
Journal of Chromatography A 1078 1-2 171-180

Monolithic poly(glycidyl methacrylate-co-divinylbenzene) capillary columns functionalized to strong anion exchangers for nucleotide and oligonucleotide separation
Journal of Separation Science 29 16 2478-2484


Impact of ancient metal smelting on arsenic pollution in the Pecora River Valley, Southern Tuscany, Italy Applied Geochemistry 23 5 1241-1259

Leaching and microbial treatment of a soil contaminated by sulphide ore ashes and aromatic hydrocarbons Applied Microbiology and Biotechnology 74 5 1135-1144

The leaching behaviour of lead metallurgical slag in high-molecular-weight (HMW) organic solutions Mineralogical Magazine 69 5 737-747

Leaching of APC residues from secondary Pb metallurgy using single extraction tests: the mineralogical and the geochemical approach Journal of Hazardous Materials 121 1-3 149-157

Cadmium, lead and zinc leaching from smelter fly ash in simple organic acids-Simulators of rhizospheric soil solutions Journal of Hazardous Materials 121 1-3 149-157

Rapid outdoor non-destructive detection of organic minerals using a portable Raman spectrometer Journal of Raman Spectroscopy 40 11 1645-1651

The MINERALOGY AND WEATHERING OF SLAG PRODUCED BY THE SMELTING OF LATERITIC Ni ORES, SZKLARY, SOUTHWESTERN POLAND Canadian Mineralogist 47 3 557-572

Leaching of a zinc concentrate in H2SO4 solutions containing H2O2 and complexing agents Minerals Engineering 21 1 23-30

The smelting of lateritic Ni ores, Southwestern Poland Canadian Mineralogist 47 3 557-572

Leaching of lead metallurgical slags and pollutant mobility far from equilibrium conditions Applied Geochemistry 23 12 3699-3711

Multimetallic contamination from Zn-ore smelter: solid speciation and potential mobility in riverine floodbank soils of the upper Lot River (SW France) European Journal of Mineralogy 22 5 679-691

J. Agustian; A. H. Kamaruddin; S. Bhatia 2010 Single enantiomeric beta-blockers The existing technologies Process Biochemistry 45 10 1587-1604

S. Fanali; Z. Aturki; G. D'Orazio; A. Rocco 2007 Separation of basic compounds of pharmaceutical interest by using nano-liquid chromatography coupled with mass spectrometry Journal of Chromatography A 1150 1-2 252-258

G. Felix; A. Berthod 2007 Commercial chiral stationary phases for the separations of clinical racemic drugs - Part I: From alimentary tract to cardiovascular system drugs Separation and Purification Reviews 36 3-4 285-481

G. Felix; A. Berthod 2008 Commercial chiral stationary phases for the separations of clinical racemic drugs - Part II: From dermatologicals to sensory organ and various drugs Separation and Purification Reviews 37 1-2 1-227

I. Ilisz; R. Berkecz; A. Peter 2009 Retention mechanism of high-performance liquid chromatographic enantioseparation on macrocyclic glycopeptide-based chiral stationary phases Journal of Chromatography A 1216 10 1845-1860


N. Rosales-Conrado; M. E. Leon-Gonzalez; L. V. Perez-Arribas; L. M. Polo-Diez; G. Dorazio; S. Fanali 2008 Multivariate optimization approach for chiral resolution of chlorophenoxy acid herbicides using teicoplanin as chiral selector in capillary LC Chromatographia 67 7-8 527-533

A. Rousseau; P. Chiap; R. Ivanyi; J. Crommen; M. Fillet; A. C. Servais 2008 Validation of a nonaqueous capillary electrophoretic method for the enantiomeric purity determination of R-flurbiprofen using a single-isomer amino cyclodextrin derivative Journal of Chromatography A 1204 2 219-225


R. I. S. van Staden; N. S. Nhlapo; J. F. van Staden; H. Y. Aboul-Enein 2010 Enantioanalysis of (S)-Butaclamol Using Vancomycin and Teicoplanin as Chiral Selectors Combinatorial Chemistry & High Throughput Screening 13 8 690-693


B. Wenzel; S. Fischer; P. Brust; J. Steinbach 2010 Enantioseparation of vesamicol and novel vesamicol analogs by high-performance liquid chromatography on different chiral stationary phases Journal of Chromatography A 1217 24 3855-3862

J. C. Ye; W. Y. Yu; G. S. Chen; Z. R. Shen; G. W. Yao 2007 Investigation of beta-CD-derivatized erythromycin as chiral selector in CE Electrophoresis 28 15 2566-2572


V. P. Choudhari; A. P. G. Nikalje 2009 Stability-Indicating HPTLC Method for the Determination of Tamsulosin in Pharmaceutical Dosage Forms Chromatographia 69 11-12 1463-1467


R. J. Dai; X. Y. Nie; H. Li; M. K. Saeed; W. Deng; G. W. Yao 2007 Investigation of beta-CD-derivatized erythromycin as chiral selector in CE Electrophoresis 28 15 2566-2572
R. K. Gilpin; C. S. Gilpin 2007 Pharmaceuticals and related drugs Analytical Chemistry 79 12 4275-4293

K. A. Khaled; J. P. Foley 2007 Review of aqueous chiral electrokinetic chromatography (EKC) with an emphasis on chiral microemulsion EKC Electrophoresis 28 15 2503-2526

G. B. Kasawar; M. N. Farooqui 2009 Stability indicating HPLC method for the determination of chiral purity of r-(-)-5-2-amino propyl -2-methoxy benzene sulfonamide Indian Journal of Pharmaceutical Sciences 71 5 533-537

P. H. Long; T. Q. Trung; W. Oh; K. H. Kim 2006 Chiral purity test of bevantolol by capillary electrophoresis and high performance liquid chromatography Archives of Pharmacal Research 29 9 808-813

D. B. Patel; N. J. Patel 2010 Validated Reversed-Phase High-Performance Liquid Chromatographic and High-Performance Thin-Layer Chromatographic Methods for Simultaneous Analysis of Tamsulosin Hydrochloride and Dutasteride in Pharmaceutical Dosage Forms Acta Chromatographica 22 3 419-431

J. Petr; V. Maier; J. Horakova; J. Sevcik 2006 Simultaneous contactless conductivity detection and UV detection for the study of separation of tamsulosin enantiomers in discontinuous electrolyte systems by CE Electrophoresis 27 23 4735-4745

R. N. Rao; Manik Talluri; A. N. Raju; D. D. Shinde; G. S. Ramanjaneyulu 2008 Development of a validated RP-LC/ESI-MS-MS method for separation, identification and determination of related substances of tamsulosin in bulk drugs and formulations Journal of Pharmaceutical and Biomedical Analysis 46 1 94-103

H. L. Zhang; H. Shao; A. Youmei; Z. Z. Zhang 2008 Optimized conditions of enantioseparation of beta-blockers by CZE using carboxymethyl-beta-cyclodextrin as chiral selector Chromatographia 68 7-8 653-658


J. Znaleziona; J. Petr; R. Knob; V. Maier; J. Sevcik 2008 Dynamic coating agents in CE Chromatographia 67 S5-S12


M. T. G. de Oliveira; S. B. A. Rolim; P. C. de Mello-Farias; A. Meneguzzi; C. Lutckmeier 2008 Industrial pollution of environmental compartments in the Sinos River Valley, RS, Brazil: Geochemical-biogeochemical characterization and remote sensing Water Air and Soil Pollution 192 1-4 183-198

V. Ettler; M. Mihaljevic; M. Matura; M. Skalova; O. Sebek; P. Bezdicak 2008 Temporal variation of trace elements in waters polluted by municipal solid waste landfill leachate Bulletin of Environmental Contamination and Toxicology 80 3 274-279

M. Matura; V. Ettler; J. Jezek; M. Mihaljevic; O. Sebek; V. Sykora; M. Klementova 2010 Association of trace elements with colloidal fractions in leachates from closed and active municipal solid waste landfills Journal of Hazardous Materials 183 1-3 541-548

Z. Peh; R. Sajn; J. Halamic; L. Galovic 2008 Multiple discriminant analysis of the Drava River alluvial plain sediments Environmental Geology 55 7 1519-1535

P. Pereira; X. Ubeda 2010 SPATIAL DISTRIBUTION OF HEAVY METALS RELEASED FROM ASHES AFTER A WILDFIRE Journal of Environmental Engineering and Landscape Management 18 1 13-22

R. Perez-Lopez; J. Castillo; D.quispe; J. M. Nieto 2010 Neutralization of acid mine drainage using the final product from CO2 emissions capture with alkaline paper mill waste Journal of Hazardous Materials 177 1-3 762-772

R. Perez-Lopez; G. Montes-Hernandez; J. M. Nieto; F. Renard; L. Charlet 2008 Carbonation of alkaline paper mill waste to reduce CO2 greenhouse gas emissions into the atmosphere Applied Geochemistry 23 8 2292-2300

L. Strnad; V. Ettler; M. Mihaljevic; J. Hladil; V. Chrastash 2009 Determination of Trace Elements in Calcite Using Solution and Laser Ablation ICP-MS: Calibration to NIST SRM Glass and USGS MACS Carbonate, and Application to Real Landfill Calcite Geostandards and Geoanalytical Research 33 3 347-355

X. Ubeda; P. Pereira; L. Outeiro; D. A. Martin 2008 EFFECTS OF FIRE TEMPERATURE ON THE PHYSICAL AND CHEMICAL CHARACTERISTICS OF THE ASH FROM TWO PLOTS OF CORK OAK (QUERCUS SUBER) Land Degradation & Development 20 6 589-608

Z. Y. Chen; S. Zeng; T. W. Yao 2007 Separation of beta-receptor blockers and analogs by Capillary Liquid Chromatography (CLC) and Pressurized Capillary Electrochromatography (pCEC) using a vancomycin chiral stationary phase column Pharmazie 62 8 585-592

X. L. Dong; R. A. Wu; J. Dong; M. H. Wu; Y. Zou 2009 Recent progress of polar stationary phases in CEC and capillary liquid chromatography Electrophoresis 30 1 141-154

G. Felix; A. Berthod 2008 Commercial chiral stationary phases for the separations of clinical racemic drugs - Part II: From dermatologicals to sensory organ and various drugs Separation and Purification Reviews 37 1 2-1227

A. Ghassempour; R. Alizadeh; N. M. Najafi; A. Karami; A. Rompp; B. Spengler; H. Y. Aboul-Enein 2008 Crystalline degradation products of vancomycin as chiral stationary phase in microcolumn liquid chromatography Journal of Separation Science 31 13 2339-2345

E. Pfitter; M. G. Schmid 2010 Enantioseparation of dansyl amino acids by HPLC on a monolithic column dynamically coated with a vancomycin derivative Biomedical Chromatography 24 11 1213-1219

T. J. Ward; B. A. Baker 2008 Chiral separations Analytical Chemistry 80 12 4363-4372

J. C. Ye; W. Y. Yu; G. S. Chen; Z. R. Shen; S. Zeng 2010 Enantiomeric separation of 2-arylpropionic acid nonsteroidal anti-inflammatory drugs by HPLC with hydroxypropyl-beta-cyclodextrin as chiral mobile phase additive Biomedical Chromatography 24 8 799-807


R. Bakry; C. W. Huck; G. K. Bonn 2009 Recent Applications of Organic Monoliths in Capillary Liquid Chromatographic Separation of Biomolecules Journal of Chromatographic Science 47 6 418-431

B. Dejaegher; Y. V. Heyden 2010 HILIC methods in pharmaceutical analysis Journal of Separation Science 33 6-7 698-715

B. Dejaegher; D. Mangelings; Y. V. Heyden 2008 Method development for HILIC assays Journal of Separation Science 31 9 1438-1448

X. L. Dong; R. A. Wu; J. Dong; M. H. Wu; Y. Zou 2009 Recent progress of polar stationary phases in CEC and capillary liquid chromatography Electrophoresis 30 1 141-154

R. N. Easter; K. K. Kroning; J. A. Caruso; P. A. Limbach 2010 Separation and identification of oligonucleotides by hydrophilic interaction liquid chromatography (HILIC)-inductively coupled plasma mass spectrometry (ICPMS) Analyst 135 10 2560-2565

L. Q. Fan; Y. P. Zhang; N. Chen; W. J. Gong; L. B. Qu; K. P. Lee 2010 Rapid Preparation and Characterization of Methacrylate-Based Monoliths for Chromatographic and Electrophoretic Separation Journal of Chromatographic Science 48 5 399-405

P. Jandera 2008 Stationary phases for hydrophilic interaction chromatography, their characterization and implementation into multidimensional chromatography concepts Journal of Separation Science 31 9 1421-1437

Z. J. Jiang; N. W. Smith; D. Ferguson; M. R. Taylor 2009 Novel highly hydrophilic zwitterionic monolithic column for hydrophilic interaction chromatography Journal of Separation Science 32 15-16 2544-2555

A. Y. Kanatyeva; A. A. Kurganov; E. N. Viktorova; A. A. Korolev 2008 Monolithic stationary phases in liquid and gas chromatography Uspekhi Khimii 77 4 393-400

T. Kubo; F. Watanabe; N. Kimura; K. Kaya; K. Hosoya 2009 Novel Polymer Monolithic Column for Hydrophilic Compounds Chromatographia 70 3-4 527-532

J. Lin; X. C. Lin; Z. G. Xie 2009 Preparation of a mixed-mode hydrophilic interaction/anion-exchange polymeric monolithic stationary phase for capillary liquid chromatography of polar analytes Journal of Chromatography A 1216 5 801-806

J. Lin; X. C. Lin; Z. H. Xie 2009 Capillary liquid chromatography using a hydrophilic/cation-exchange monolithic column with a dynamically modified cationic surfactant Journal of Chromatography A 1216 45 7729-7734

V. Skerikova; P. Jandera 2010 Effects of the operation parameters on Hydrophilic Interaction Liquid Chromatography separation of phenolic acids on zwitterionic monolithic capillary columns Journal of Chromatography A 1217 51 7981-7989

J. Urban; P. Jandera 2008 Polymethacrylate monolithic columns for capillary liquid chromatography Journal of Separation Science 31 14 2521-2540

J. Urban; V. Skerikova; P. Jandera; R. Kubickova; M. Pospisilova 2009 Preparation and characterization of polymethacrylate monolithic capillary columns with dual hydrophilic interaction reversed-phase retention mechanism for polar compounds Journal of Separation Science 32 15-16 2530-2543

J. Vacek; L. Onofrejova; B. Klejduš; V. Kuban 2009 Application of Hydrophilic Interaction Liquid Chromatography in Separation of Polar Compounds Chemiecke Listy 103 5 381-385

E. G. Vlakh; T. B. Tennikova 2009 Applications of polymethacrylate-based monoliths in high-performance liquid chromatography Journal of Chromatography A 1216 13 2637-2650

Y. Wang; X. Lu; G. W. Xu 2008 Simultaneous separation of hydrophilic and hydrophobic compounds by using an online HILIC-RPLC system with two detectors Journal of Separation Science 31 9 1564-1572

R. Wu; L. G. Hu; F. J. Wang; M. L. Ye; H. Zou 2008 Recent development of monolithic stationary phases with emphasis on microscale chromatographic separation Journal of Chromatography A 1184 1-2 369-392

H. Zhang; Z. M. Guo; F. F. Zhang; Q. Xu; M. Liang 2008 HILIC for separation of co-eluted flavonoids under RP-HPLC mode Journal of Separation Science 31 9 1623-1627


S. El Deeb; M. Abu Iriban; R. Gust 2011 MEKC as a powerful growing analytical technique Electrophoresis 32 1 166-183

M. Silva 2009 Micellar electrokinetic chromatography: Methodological and instrumental advances focused on practical aspects Electrophoresis 30 1 50-64


B. L. Ackermann; M. J. Berna; J. A. Eckstein; L. W. Ott; A. K. Chaudhary 2008 Current Applications of Liquid Chromatography/Mass Spectrometry in Pharmaceutical Discovery After a Decade of Innovation Annual Review of Analytical Chemistry 1 357-396

I. Ali; H. Y. Aboul-Enein; V. K. Gupta 2009 Microchip-Based Nano Chromatography and Nano Capillary Electrophoresis in Genomics and Proteomics Chromatographia 69 S13-S22

H. Y. Bai; S. L. Lin; S. A. Chan; M. R. Fuh 2010 Characterization and evaluation of two-dimensional microfluidic chip-HPLC coupled to tandem mass spectrometry for quantitative analysis of 7-aminoflunitrazepam in human urine Analyst 135 10 2737-2742

J. Ellis; E. Del Castillo; M. M. Bayon; R. Grimm; J. F. Clark; G. Pyne-Geithman; S. Wilbur; J. A. Caruso 2008 A preliminary study of metalloproteins in CSF by CapLC-ICPMS and nanoLC-CHIP/ITMS Journal of Proteome Research 7 9 3747-3754

J. Ellis; R. Grimm; J. F. Clark; G. Pyne-Geithman; S. Wilbur; J. A. Caruso 2008 Studying Protein Phosphorylation in Low MW CSF Fractions with capLC-ICPMS and nanoLC-CHIP-ITMS for Identification of Phosphoproteins Journal of Proteome Research 7 11 4736-4742

M. Keller; R. Hettich 2009 Environmental Proteomics: a Paradigm Shift in Characterizing Microbial Activities at the Molecular Level Microbiology and Molecular Biology Reviews 73 1 62


P. Liuni; T. Rob; D. J. Wilson 2010 A microfluidic reactor for rapid, low-pressure proteolysis with on-chip electrospray ionization Rapid Communications in Mass Spectrometry 24 3 315-320

S. Ray; H. Chandra; S. Srivastava 2010 Nanotechniques in proteomics: Current status, promises and challenges Biosensors & Bioelectronics 25 11 2389-2401


38. Míka, J., Opekar, F., Coufal, P., Štulík, K.: A thin-layer contactless conductivity cell for
J. L. Felhofer; L. Blanes; C. D. Garcia 2010 Recent developments in instrumentation for capillary electrophoresis and microchip-capillary electrophoresis Electrophoresis 31 15 2469-2486

P. Kuban; P. C. Hauser 2011 Capacitively coupled contactless conductivity detection for microseparation techniques - recent developments Electrophoresis 32 1 30-42

F. Opekar; K. Stulik 2010 Electrochemical Detection with Electrodes Outside the Test Solution - The Rebirth of Contactless Impedance Methods Chemische Liste 104 12 1148-1154


P. Sun; D. W. Armstrong 2010 Ionic liquids in analytical chemistry Analytica Chimica Acta 661 1 1-16


Původní vědecké práce v národních časopisech s recenzním řízením


F. Svec 2004 Monolithic Stationary Phases. Place of Birth: Prague Chemicke Liste 98 5 232-238

K. Nesmerak;I. Nemec;M. Sticha;I. Nemcova;V. Horka 2002 Structure-property relationships of thioacridines; Their electrochemical oxidation as a model of metabolic degradation Analytical Letters 35 10 1617-1629


J. Barek;K. Peckova;V. Vyskocil 2009 Where Modern Electroanalytical Methods Verge Fifty Years after Nobel Prize for Polarography Chemicke Listy 103 11 889-893

P. Kuban;P. C. Hauser 2009 Ten years of axial capacitively coupled contactless conductivity detection for CZE - a review Electrophoresis 30 1 176-188

F. Opekar;K. Stulik 2010 Electrochemical Detection with Electrodes Outside the Test Solution - The Rebirth of Contactless Impedance Methods Chemicke Listy 104 12 1148-1154


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