

CHROMATOGRAPHIA

An International Journal
for Rapid Communication in
Chromatography, Electrophoresis,
and Associated Techniques

Scientific Editors

- E. R. Adlard, Burton, UK
T. A. Berger, Englewood, FL, USA
H. Lingeman, Amsterdam, The Netherlands
G. Massolini, Pavia, Italy
G. K. E. Scriba, Jena, Germany
R. M. Smith, Loughborough, UK



Springer

Chromatographia

An International Journal for Rapid Communication in Chromatography, Electrophoresis, and Associated Techniques

Volume 75 · Numbers 23–24 · December 2012

EDITORIAL

Happy Birthday! 85th Birthday of Edward R. Adlard
S. Pauly · P. Russkamp 1345

ORIGINALS

Column Liquid Chromatography

Preparation of Regioselectively Modified Amylose Derivatives and Their Applications in Chiral HPLC
B. Sun · X. Li · Z. Jin · L. Tian · F. Wang · G. Liu · S. Tang · F. Pan 1347

Chiral Separation of Ketoprofen on a Chirobiotic T Column and Its Chiral Recognition Mechanisms
X. He · R. Lin · H. He · M. Sun · D. Xiao 1355

Chiral Determination of Salbutamol, Salmeterol and Atenolol by Two-Dimensional LC-LC: Application to Urine Samples
Y. Yang · N. Rosales-Conrado · V. Guillén-Casla · M.E. León-González · L.V. Pérez-Arribas · L.M. Polo-Díez 1365

Coupled Turbulent Flow Chromatography: LC-MS/MS Method for the Analysis of Pesticide Residues in Grapes, Baby Food and Wheat Flour Matrices
L. Hollosi · K. Mittendorf · H.Z. Senyuva 1377

Preliminary Screening and Analysis of Biomembrane Permeable Compounds in Herbal Medicines: Hollow Fiber Liposome Microscreening Combined with HPLC
X. Chen · X. Zhang · J. Tian · X.H. Bai 1395

A Simple and Sensitive LC-MS/MS Method for Simultaneous Determination of Temsirolimus and Its Major Metabolite in Human Whole Blood
X. Zhang · A. Louie · X. Li · R. Shi · R.K. Kelley · Y. Huang 1405

Pharmacokinetics and Tissue Distribution Study of Tryptanthrin in Rats by RP-HPLC with DAD Detector
J. Li · S. Miao · Y. Xie · J. Wang · W. Cao · L. Bi · S. Wang 1415

Gas Chromatography
Role of Counteranions in Sol-Gel-Derived Alkoxy-Functionalized Ionic-Liquid-Based Organic-Inorganic Hybrid Coatings for SPME
J. Shu · C. Li · M. Liu · H. Liu · X. Feng · W. Tan · F. Liu 1421

Extraction of the Volatile and Semivolatile Compounds in Seeds of *Cuminum cyminum* L. Using Hydrodistillation Followed by Headspace-Ionic Liquid-Based Single-Drop Microextraction
J. Yang · H. Wei · C. Yu · Y. Shi · H. Zhang 1435

SHORT COMMUNICATION

Thin Layer Chromatography
An Improved Method to Resolve Plant Saponins and Sugars by TLC
P. Krishnamurthy · C. Tsukamoto · S.H. Yang · J.D. Lee · G. Chung 1445

Comment

Comments on: A Comparative Study of Diamine-Modified and Amine-Modified Silica Nanoparticles as Pseudo-Stationary Phases for CE Separation by Li-Juan Hui and Yong Ma
P. Russkamp 1451

BOOK REVIEW

Jim Mellon and Al Chalabi: Cracking the Code
K. Jones 1453

Further articles can be found at www.springerlink.com

Abstracted/Indexer in Academic OneFile, AGRICOLA, Analytical Abstracts, ASFA, CAB Abstracts, CAB International, CAS, Chemical Abstracts Service (CAS), ChemWeb, Chimica, Elsevier Biobase, EMBASE, Food Science and Technology Abstracts, Gale, GeoRef, Global Health, Google Scholar, IBIDS, INIS Atomindex, International Bibliography of Periodical Literature (IBZ), Mass Spectrometry Bulletin, OCLC, PASCAL, Proquest, SCOPUS, Summon by Serial Solutions, VINITI - Russian Academy of Science

Instructions for Authors for *Chromatographia* are available at www.springer.com/10337