

Bibliography of analytical methods

(4 weeks journals. Search completed at 12th. Dec. 2007)

1. Reviews

Escuderos ME, Uceda M, Sanchez S, Jimenez A// Instituto Andaluz Investigacion & Formacion Agraria Pesquera Alimentaria, Centro de Investigacion & Formacion Agraria Venta Llano, Estacion Olivicultura Elaiotecnica, Ctra Bailen-Motril km 18.5, ES-23620 Mengibar, Jaen, Spain
Eur J Lipid Sci Technol 2007 **109** (5) 536

Instrumental technique evolution for olive oil sensory analysis

Hercegova A, Domotorova M, Matisova E*// *Slovak Tech Univ, Fac Chem & Food Technology, Inst Anal Chem, Radlinskeho 9, SK-81237 Bratislava, Slovakia

J Chromatogr A 2007 **1153** (1-2) 54

Sample preparation methods in the analysis of pesticide residues in baby food with subsequent chromatographic determination

Mendiola JA, Herrero M, Cifuentes A, Ibanez E*// *Inst Fermentaciones Ind - Consejo Superior Investigaciones Cientificas, Juan Cierva 3, ES-28006 Madrid, Spain

J Chromatogr A 2007 **1152** (1-2) 234

Use of compressed fluids for sample preparation: Food applications

Nelson BC// NIST, Div Anal Chem, 100 Bureau Dr, Stop 8392, Gaithersburg, Md 20899, USA

Curr Anal Chem 2007 **3** (3) 219

The expanding role of mass spectrometry in folate research

Otteneder H// Louvecienner Weg 4, DE-88709 Meersburg, Germany

Dtsch Lebensm Rundsch 2007 **103** (6) 262

Assessment of analytical results in chemical food analysis (German, English Abstract)

Pohanka M, Jun D, Kuca K*// *University Defence, Faculty Military Health Science, Centre Advanced Studies, CZ-50001 Kralove, Czech Republic
Drug Chem Toxicol 2007 **30** (3) 253

Mycotoxin assays using biosensor technology: A review

Ridgway K, Lalljie SPD, Smith RM// Unilever Research Laboratories Colworth House, Safety Environment Assurance Centre, Sharnbrook, Beds MK44 1LQ, England

J Chromatogr A 2007 **1153** (1-2) 36

Sample preparation techniques for the determination of trace residues and contaminants in foods

Samanidou VF, Nikolaidou KI, Papadopyannis IN*// *Aristotle University Thessaloniki, Department Chem, Anal Chem Lab, GR-54124 Thessaloniki, Greece

Sep Purif Rev 2007 **36** (1) 1

Advances in chromatographic analysis of tetracyclines in foodstuffs of animal origin - A review

Srogi K// Institute Chemical Processing Coal, Zamkowa 1, PL-41803 Zabrze, Poland
Anal Lett 2007 **40** (9) 1647

Overview of analytical methodologies for dioxin analysis

Tombelli S, Minunni M, Mascini M*// *Univ Florence, Dipt Chim, Via della Lastruccia 3, IT-50019 Sesto Fiorentino, Italy

Biomol Eng 2007 **24** (2) 191

Aptamers-based assays for diagnostics, environmental and food analysis

3. Amino acids, proteins & enzymes

Alhaj OA, Kanekanian AD, Peters AC// Univ Cardiff Wales, Cardiff Sch Hlth Sci, Inst Cardiff, Food Res & Consultancy Unit, Cardiff, Wales

Br Food J 2007 **109** (6) 469

Investigation on whey proteins profile of commercially available milk-based probiotics health drinks using fast protein liquid chromatography (FPLC)

Czerwenka C, Maier I, Potocnik N, Pittner F, Lindner W// Univ Vienna, Inst Anal Chem & Food Chem, Wahringer Str 38, AT-1090 Vienna, Austria
Anal Chem 2007 **79** (14) 5165

Absolute quantitation of β -lactoglobulin by protein liquid chromatography-mass spectrometry and its application to different milk products

Gokmen V, Serpen A, Atli A, Koksel H*// *Hacettepe Univ, Dept Food Engn, TR-06800 Ankara, Turkey

Cereal Chem 2007 **84** (3) 290

A practical spectrophotometric approach for the determination of lipoxygenase activity of durum wheat

Heras JM, Marina ML, Garcia MC*// *Univ Alcala, Fac Quim, Dept Quim Analitica, Ctra Madrid-Barcelona km 33.600, ES-28871 Madrid, Spain

J Chromatogr A 2007 **1153** (1-2) 97

Development of a perfusion ion-exchange chromatography method for the separation of soybean proteins and its application to cultivar characterization

Kuipers BJH, Gruppen H*// *Univ Wageningen, Dept Agrotechnol & Food Sci, Food Chem Lab, POB 8129, NL-6700 EV Wageningen, The Netherlands

J Agric Food Chem 2007 **55** (14) 5445

Prediction of molar extinction coefficients of proteins and peptides using UV absorption of the constituent amino acids at 214 nm to enable quantitative reverse phase high-performance liquid chromatography-mass spectrometry analysis

Montoya CA, Gomez AS, Lalles JP, Souffrant WB, Beebe S, Leterme P*// *Prairie Swine Ctr, PO Box 21057, 2105 8th St East, Saskatoon, Saskatchewan, Canada S7H 5N9

Food Chem 2008 **106** (3) 1225

In vitro and *in vivo* protein hydrolysis of beans (*Phaseolus vulgaris*) genetically modified to express different phaseolin types

Scholz E, Prieto-Linde ML, Gergely S, Salgo A, Johansson E*// *Swedish Univ Agric Sci, Dept Crop Sci, POB 44, SE-23053 Alnarp, Sweden

J Sci Food Agric 2007 **87** (8) 1523

Possibilities of using near infrared reflectance/transmittance spectroscopy for determination of polymeric protein in wheat

4. Carbohydrates

Lee JC, Yoon YH, Kim SM, Pyo BS, Hsieh FH, Kim HJ, Eun JB*// *Dongshin Univ, Biotechnol Industrialization Ctr, Naju 520 811, Jeonnam, South Korea

Food Sci Biotechnol 2007 **16** (3) 477

Rapid prediction of amylose content of polished rice by Fourier transform near-infrared spectroscopy

Li J, Chen ML, Zhu Y*// *Zhejiang Univ, Dept Chem, Xixi Campus, CN-310028 Zhengzhou, Peoples Rep China

J Chromatogr A 2007 **1155** (1) 50

Separation and determination of carbohydrates in drinks by ion chromatography with a self-regenerating suppressor and an evaporative light-scattering detector

As a service to subscribers of Food Chemistry, this bibliography contains newly published material in the field of analytical, nutritional and clinical methods. The bibliography is divided into fourteen sections: 1 Reviews; 2 General; 3 Amino acids, proteins & enzymes; 4 Carbohydrates; 5 Lipids; 6 Vitamins & co-factors; 7 Trace elements & minerals; 8 Drug, biocide & processing residues; 9 Toxins/Allergens; 10 Additives; 11 Flavours & aromas; 12 Organic acids; 13 Animal products; 14 Plant & microbial products. Within each section, articles are listed in alphabetical order with respect to the author. Where there are no papers to appear under a heading, it will be omitted.

Morales-Cid G, Simonet BM, Cardenas S, Valcarcel M*// *Univ Cordoba, Dept Anal Chem, Marie Curie Bldg, Campus Rabanales, ES-14071 Cordoba, Spain
Electrophoresis 2007 **28** (10) 1557

On-capillary sample cleanup method for the electrophoretic determination of carbohydrates in juice samples

Moro E, Majocchi R, Ballabio C, Molfino S, Restani P*// *State Univ Milan, Fac Pharm, Via Balzaretti 9, IT-20133 Milan, Italy
Am J Enol Viticult 2007 **58** (2) 279

A rapid and simple method for simultaneous determination of glycerol, fructose, and glucose in wine

Yang WY, Pang PF, Gao XJ, Cai QY*, Zeng KF, Grimes CA// *Hunan Univ, Dept Chem, State Key Lab Chemo/Biosensing & Chemometrics, CN-410082 Changsha, Peoples Rep China
Sensor Lett 2007 **5** (2) 405

Detection of lactose in milk samples using a wireless multi-enzyme biosensor

5. Lipids

Aldai N, Rolland DC, Kramer JKG, Dugan ER// Agric & Agri-Food Canada, Res Ctr, 6000 C&E Trail, Lacombe, Alberta, Canada T4L 1W1
Can J Anim Sci 2007 **87** (2) 181

Rapid determination of total CLA concentration in beef fat

Armenta S, Garrigues S, De la Guardia M*// *Univ Valencia, Dept Anal Chem, Edifici Jeroni Munoz, 50th Dr Moliner, ES-46100 Valencia, Spain
Anal Chim Acta 2007 **596** (2) 330

Determination of edible oil parameters by near infrared spectrometry

Corduneanu O, Garnett M, Brett AMO*// *Univ Coimbra, Fac Ciencias & Tecnol, Dept Quim, PT-3004-535 Coimbra, Portugal
Anal Lett 2007 **40** (9) 1763

Anodic oxidation of α -lipoic acid at a glassy carbon electrode and its determination in dietary supplements

Fernandez-Cabanias VM, Garrido-Varo A, Garcia Olmo J, De Pedro E, Dardenne P// Univ Seville, Escuela Univ Ingn Tecn Agric, Dept Ciencias Agroforestales, Ctra Utrera km 1, ES-41013 Seville, Spain
Chemometr Intell Lab Syst 2007 **87** (1) 104

Optimisation of the spectral pre-treatments used for Iberian pig fat NIR calibrations

Fournier V, Destaillets F, Hug B, Golay PA, Joffre F, Juaneda P, Semon E, Dionisi F, Lambelet P, Sebedio JL, Berdeaux O*// *INRA, UMR 1129 FLAVIC, 17 rue Sully, BP 86510, FR-21000 Dijon, France
J Chromatogr A 2007 **1154** (1-2) 353

Quantification of eicosapentaenoic and docosahexaenoic acid geometrical isomers formed during fish oil deodorization by gas-liquid chromatography

Gerde JA, Hardy CL, Hurburgh CR, White PJ*// *Iowa State Univ, Dept Food Sci & Human Nutr, 2312 Food Sci Bldg, Ames, Ia 50011, USA
J Am Oil Chem Soc 2007 **84** (6) 519

Rapid determination of degradation in frying oils with near-infrared spectroscopy

Ines B, Arduini F, Amine A, Gargouri M, Palleschi G*// *Univ Tor Vergata, Dipt Sci & Technol Chim, Via Ricerca Scientifica, IT-00133 Rome, Italy
Anal Chim Acta 2007 **594** (1) 1

Amperometric biosensor based on Prussian Blue-modified screen-printed electrode for lipase activity and triacylglycerol determination

Martinez-Vidal JL, Garrido-Frenich A, Escobar-Garcia MA, Romero-Gonzalez R*// *Univ Almeria, Dept Anal Chem, Res Grp Anal Chem Contaminants, ES-04071 Almeria, Spain
Chromatographia 2007 **65** (11-12) 695

LC-MS determination of sterols in olive oil

Molkentin J// Inst Chem & Technol Milch, Bundesforschungsanstalt Ernährung & Lebensmittel, Hermann Weigmann Str 1, DE-24103 Kiel, Germany
Eur J Lipid Sci Technol 2007 **109** (5) 505

Detection of foreign fat in milk fat from different continents by triacylglycerol analysis

Muik B, Lendl B, Molina-Diaz A, Valcarcel M, Ayora-Canada MJ*// *Univ Jaen, Dept Physiol & Anal Chem, Paraje Lagunillas s/n, ES-23071 Jaen, Spain
Anal Chim Acta 2007 **593** (1) 54

Two-dimensional correlation spectroscopy and multivariate curve resolution for the study of lipid oxidation in edible oils monitored by FTIR and FT-Raman spectroscopy

Pacetti D, Boselli E, Lucci P, Frega NG*// *Univ Politecn Marche, Dipt Sci Alimenti, Via Breccia Bianche, IT-60131 Ancona, Italy
J Chromatogr A 2007 **1150** (1-2) 241

Simultaneous analysis of glycolipids and phospholipids molecular species in avocado (*Persea americana* Mill) fruit

Parra A, Casero E*, Pariente F, Vazquez L, Lorenzo E// *Univ Autonoma Madrid, Dept Quim Analitica & Anal Instrumental, ES-28049 Madrid, Spain
Sensor Actuator B Chem 2007 **124** (1) 30

Cholesterol oxidase modified gold electrodes as bioanalytical devices

Perez-Marin D, Garrido-Varo A, De Pedro E, Guerrero-Ginel JE// Univ Cordoba, Dept Anim Prod, Campus Rabanales, Ctra Madrid-Cadiz km 396, ES-14071 Cordoba, Spain

Chemometr Intell Lab Syst 2007 **87** (2) 241

Chemometric utilities to achieve robustness in liquid NIRS calibrations: Application to pig fat analysis

Picariello G, Sacchi R, Addeo F*// *Univ Naples Federico II, Dipt Sci Alimenti, Parco Gussone, IT-80055 Portici, Italy
Eur J Lipid Sci Technol 2007 **109** (5) 511

One-step characterization of triacylglycerols from animal fat by MALDI-TOF MS

Prestes RA, Colnago LA*, Forato LA, Vizzotto L, Novotny EH, Carrilho E// *Embrapa Instrumentacao Agropecuaria, Rua 15 Novembro 1452, BR-13560-970 Sao Carlos, SP, Brazil
Anal Chim Acta 2007 **596** (2) 325

A rapid and automated low resolution NMR method to analyze oil quality in intact oilseeds

Sanchez CS, Gonzalez AMT, Garcia-Parrilla MC, Granados JJQ, De la Serrana HLG, Martinez MCL// Univ Granada, Fac Farm, Dept Nutr & Bromatol, Campus Cartuja s/n, ES-18071 Granada, Spain
Anal Chim Acta 2007 **593** (1) 103

Different radical scavenging tests in virgin olive oil and their relation to the total phenol content

Sherazi STH, Mahesar SA, Bhangar MI, Van de Voort FR, Sedman J// Univ Sindh, Natl Ctr Excellence Anal Chem, Jamshoro, Pakistan
J Agric Food Chem 2007 **55** (13) 4928

Rapid determination of free fatty acids in poultry feed lipid extracts by SB-ATR FTIR spectroscopy

Sorenson WR, Sullivan D// Covance Labs, 3301 Kinsman Blvd, Madison, WI 53704, USA
J AOAC Int 2007 **90** (3) 670

Determination of campesterol, stigmaterol, and β -sitosterol in saw palmetto raw materials and dietary supplements by gas chromatography: Collaborative study

6. Vitamins & co-factors

Burini G// Univ Perugia, Dept Internal Med, Sect Appl Biochem & Nutr Sci, IT-06126 Perugia, Italy
J Chromatogr A 2007 **1154** (1-2) 97

Development of a quantitative method for the analysis of total L-ascorbic acid in foods by high-performance liquid chromatography

Dainty JR, Bullock NR, Hart DJ, Hewson AT, Turner R, Finglas PM, Powers HJ*// *University Sheffield, Human Nutrition Unit, Sheffield, Sth Yorks S10 2TN, England
Am J Clin Nutr 2007 **85** (6) 1557

Quantification of the bioavailability of riboflavin from foods by use of stable-isotope labels and kinetic modeling

Gotor AA, Farkas E, Berger M, Labalette F, Centis S, Dayde J, Calmon A*// *Lab Agro-Physiol, 75 Voie du TOEC, BP 57611, FR-31076 Toulouse, France
Eur J Lipid Sci Technol 2007 **109** (5) 525

Determination of tocopherols and phytosterols in sunflower seeds by NIR spectrometry

Jakobsen J// Tech Univ Denmark, Nat Food Inst, Morkhoj Bygade 19, DK-2860 Soborg, Denmark
Food Chem 2008 **106** (3) 1209

Optimisation of the determination of thiamin, 2-(1-hydroxyethyl)thiamin, and riboflavin in food samples by use of HPLC

Jia L, Liu YL, Du YY, Xing D// Sth China Normal Univ, Inst Laser Life Sci, MoE Key Lab Laser Life Sci, Guangzhou, Peoples Rep China
J Chromatogr A 2007 **1154** (1-2) 416

Pressurized capillary electrochromatographic analysis of water-soluble vitamins by combining with on-line concentration technique

Jung M, Kim B*, Boo DW, So HY// *Korea Res Inst Stand & Sci, Div Metrol Qual Life, Taejon 305 600, South Korea
Bull Korean Chem Soc 2007 **28** (5) 745

Development of isotope dilution-liquid chromatography/tandem mass spectrometry as a candidate reference method for the determination of folic acid

Puoci F, Cirillo G, Curcio M, Iemma F, Spizzirri UG, Picci N// Univ Calabria, Dipt Sci Farmaceut, Edificio Polifunzionale, IT-87036 Cosenza, Italy
Anal Chim Acta 2007 **593** (2) 164

Molecularly imprinted solid phase extraction for the selective HPLC determination of α -tocopherol in bay leaves

Raghu V, Platel K, Srinivasan K*// *Cent Food Technol Res Inst, Dept Biochem & Nutr, IN-570020 Mysore, India
J Food Compos Anal 2007 **20** (6) 529

Comparison of ascorbic acid content of *Embilica officinalis* fruits determined by different analytical methods

Sharma R, Rajput YS, Dogra G, Tomar SK// Natl Dairy Res Inst, Div Dairy Chem, IN-132001 Karnal, Haryana, India
Milchwissenschaft 2007 **62** (2) 127
 Estimation of vitamin B₁₂ by ELISA and its status in milk

Tai A, Gohda E// Okayama Univ, Grad Sch Med Dent & Pharmaceut Sci, Dept Immunochem, Div Pharmaceut Sci, Okayama 700 8530, Japan
J Chromatogr B 2007 **853** (1-2) 214
 Determination of ascorbic acid and its related compounds in foods and beverages by hydrophilic interaction liquid chromatography

7. Trace elements & minerals

Amorim FAC, Bezerra MA*// *Univ Estadual Sudoeste Bahia, Lab Quim Anal, Campus Univ Jequeie, BR-45200-190 Jequeie, BA, Brazil
Microchim Acta 2007 **159** (1-2) 183
 Online preconcentration system for determining ultratrace amounts of Cd in vegetal samples using thermospray flame furnace atomic absorption spectrometry

Cernohorsky T, Krejcová A*, Pouzar M, Vavrusova L// *Univ Pardubice, Fac Chem Technol, Dept Environm Protection, nam Cs legii 565, CZ-53210 Pardubice, Czech Republic
Food Chem 2008 **106** (3) 1246
 Elemental analysis of flour-based ready-oven foods by slurry sampling inductively coupled plasma optical emission spectrometry

Frazzoli C, Cammarone R, Caroli S*// *Ist Super Sanita, Dept Food Safety & Vet Publ Hlth, Viale Regina Elena 299, IT-00161 Rome, Italy
Food Addit Contam 2007 **24** (5) 546
 Investigation of palladium and platinum levels in food by sector field inductively coupled plasma mass spectrometry

Gomez-Ariza JL, Bernal-Daza V, Villegas-Portero MJ// Univ Huelva, Fac Ciencias Expt, Dept Quim & Ciencia Materiales, Campus El Carmen, ES-21007 Huelva, Spain
Appl Organometal Chem 2007 **21** (6) 434
 First approach of a methodological set-up for selenomethionine chiral speciation in breast and formula milk using high-performance liquid chromatography coupled to atomic fluorescence spectroscopy

Julshamn K, Maage A, Norli HS, Grobecker KH, Jorhem L, Fecher P// NIFES - Natl Inst Nutr & Seafood Res, POB 2029 Nordnes, NO-5817 Bergen, Norway
J AOAC Int 2007 **90** (3) 844
 Determination of arsenic, cadmium, mercury, and lead by inductively coupled plasma/mass spectrometry in foods after pressure digestion: NMKL inter-laboratory study

Karadjova IB, Lampugnani L, D'Ulivo A, Onor M, Tsalev DL*// *Univ Sofia, Fac Chem, 1 James Bourchier Blvd, BG-1164 Sofia, Bulgaria
Anal Bioanal Chem 2007 **388** (4) 801
 Determination of lead in wine by hydride generation atomic fluorescence spectrometry in the presence of hexacyanoferrate(III)

Lemos VA, Dos Passos AS, Novaes GD, Santana DD, De Carvalho AL, Da Silva DG// Univ Estadual Sudoeste Bahia, LQA, NQA, Campus Jequeie, BR-45200-000 Jequeie, BA, Brazil
React Funct Polym 2007 **67** (6) 573
 Determination of cobalt, copper and nickel in food samples after pre-concentration on a new pyrocatechol-functionalized polyurethane foam sorbent

Pedrero Z, Elvira D, Camara C, Madrid Y*// *Univ Complutense Madrid, Dept Anal Chem, Ciudad Univ s/n, ES-28040 Madrid, Spain
Anal Chim Acta 2007 **596** (2) 251
 Selenium transformation studies during broccoli (*Brassica oleracea*) growing process by liquid chromatography-inductively coupled plasma mass spectrometry (LC-ICP-MS)

Santalad A, Burakham R, Srijaranai S*, Grudpan K// *Khon Kaen Univ, Fac Sci, Dept Chem, TH-40002 Khon Kaen, Thailand
Microchem J 2007 **86** (2) 209
 Field-amplified sample injection and in-capillary derivatization for capillary electrophoretic analysis of metal ions in local wines

Yu HY, Zhou Y, Fu XP, Xie LJ, Ying YB*// *Zhejiang Univ, Coll Biosystems Engn & Food Sci, CN-310029 Hangzhou, Peoples Rep China
Eur Food Res Technol 2007 **225** (3-4) 313
 Discrimination between Chinese rice wines of different geographical origins by NIRS and AAS

8. Drug, biocide & processing residues

Aguinaga N, Campillo N, Vinas P, Hernandez-Cordoba M*// *Univ Murcia, Fac Chem, Dept Anal Chem, ES-30071 Murcia, Spain
Anal Chim Acta 2007 **596** (2) 285
 Determination of 16 polycyclic aromatic hydrocarbons in milk and related products using solid-phase microextraction coupled to gas chromatography-mass spectrometry

Althaus RL, Berruga MI, Molina A, Beltran MC, Molina MP// Univ Politecn Valencia, Dept Ciencia Anim, Camino de Vera 14, ES-46071 Valencia, Spain
Milchwissenschaft 2007 **62** (2) 202
 BRT AiM® Inhibitor test for determining the occurrence of antibiotic residues in ewe milk

Amer MM, Shehata MA, Lotfy HM, Monir HH*// *Cairo Univ, Fac Pharm, Dept Anal Chem, Kasrel Aini St, EG-11562 Cairo, Egypt
Yakugaku Zasshi 2007 **127** (6) 993
 Determination of tetraconazole and diniconazole fungicide residues in tomatoes and green beans by capillary gas chromatography (Japanese, English Abstract)

Aulakh JS, Fekete A, Malik AK*, Mahajan RK, Schmitt-Kopplin P// *Punjab Univ, Dept Chem, Patiala, Punjab, India
J AOAC Int 2007 **90** (3) 834
 Capillary electrophoretic-ultraviolet method for the separation and estimation of zineb, maneb, and ferbam in food samples

Aysal P, Ambrus A, Lehotay SJ*, Cannavan A// *USDA/ARS, Eastern Reg Res Ctr, 600 East Mermaid Lane, Wyndmoor, Pa 19038, USA
J Environ Sci Health B 2007 **42** (5) 481
 Validation of an efficient method for the determination of pesticide residues in fruits and vegetables using ethyl acetate for extraction

Balinova A, Mladenova R, Shtereva D// Plant Protection Res Inst, Dept Toxicol, BG-2230 Kostinbrod, Bulgaria
J Chromatogr A 2007 **1150** (1-2) 136
 Solid-phase extraction on sorbents of different retention mechanisms followed by determination by gas chromatography-mass spectrometric and gas chromatography-electron capture detection of pesticide residues in crops

Barakat AA, Badawy HMA, Salama E, Attallah E*, Maatook G// *Cairo Univ, Fac Agric, Dept Econ Entomol & Pesticides, Cairo, Egypt
J Food Agric Environ 2007 **5** (2) 97
 Simple and rapid method of analysis for determination of pesticide residues in honey using dispersive solid phase extraction and GC determination

Berzas Nevado JJ, Rodriguez Martin-Doimeadios RC, Guzman Bernardo FJ*, Rodriguez Farinas N// *Univ Castilla La Mancha, Dept Anal Chem & Food Technol, ES-13071 Ciudad Real, Spain
Microchem J 2007 **86** (2) 183
 Development and validation of an analytical methodology for the determination of *p,p'*-DDT, *p,p'*-DDE and *p,p'*-DDD in fish oil pills

Bogialli S, Coradazzi C, Di Corcia A*, Lagana A, Sergi M// *Univ Roma La Sapienza, Dipt Chim, Piazza Aldo Moro 5, IT-00185 Rome, Italy
J AOAC Int 2007 **90** (3) 864
 A rapid method based on hot water extraction and liquid chromatography-tandem mass spectrometry for analyzing tetracycline antibiotic residues in cheese

Calbiani F, Careri M, Elviri L*, Mangia A, Zagnoni I// *Univ Parma, Dipt Chim Gen & Inorgan, Parco Area Scienze 17/A, IT-43100 Parma, Italy
Food Addit Contam 2007 **24** (8) 833
 Validation of an ion-pair liquid chromatography-electrospray-tandem mass spectrometry method for the determination of heterocyclic aromatic amines in meat-based infant foods

Campillo N, Penalver R, Hernandez-Cordoba M*// *Univ Murcia, Fac Chem, Dept Anal Chem, ES-30071 Murcia, Spain
Food Addit Contam 2007 **24** (7) 777
 A sensitive solid-phase microextraction/gas chromatography-based procedure for determining pentachlorophenol in food

Centi S, Silva E, Laschi S, Palchetti I, Mascini M// Univ Florence, Dipt Chim, Via Lastruccia 3, IT-50019 Sesto Fiorentino, FI, Italy
Anal Chim Acta 2007 **594** (1) 9
 Polychlorinated biphenyls (PCBs) detection in milk samples by an electrochemical magneto-immunosensor (EMI) coupled to solid-phase extraction (SPE) and disposable low-density arrays

Cho SK, El-Aty AMA, Park YS, Choi JH, Khay S, Kang CA, Park BJ, Kim SJ, Shim JH*// *Chonnam Natl Univ, Coll Agric & Life Sci, Inst Agric Sci & Technol, Nat Prod Chem Lab, Kwangju 500 757, South Korea
Biomed Chromatogr 2007 **21** (6) 602
 A multiresidue method for the analysis of pesticide residues in polished rice (*Oryza sativa* L.) using accelerated solvent extraction and gas chromatography and confirmation by mass spectrometry

Cooper KA, Samsonova JV, Plumpton L, Elliott CT, Kennedy DG*// *Agri Food & Bioscience Institute, Vet Sci Div, Stoney Rd, Belfast BT4 3SD, Northern Ireland
Anal Chim Acta 2007 **592** (1) 64
 Enzyme immunoassay for semicarbazide - The nitrofurantol metabolite and food contaminant

Diez R, Sarabia L, Ortiz MC*// *Univ Burgos, Fac Sci, Dept Chem, Pza Misael Banuelos s/n, ES-09001 Burgos, Spain
Anal Bioanal Chem 2007 **388** (4) 957
 Optimization of analytical conditions and validation of a fluorescence method for the determination of sulfadiazine in milk

- French AG, Bolanos PP, Martfnez Vidal JL// Univ Almeria, Dept Anal Chem, Anal Chem Pollutants Res Grp, ISO Certificate 9001, ES-04120 Almeria, Spain
J Chromatogr A 2007 **1153** (1-2) 194
Multiresidue analysis of pesticides in animal liver by gas chromatography using triple quadrupole tandem mass spectrometry
- Fromberg A, Hojgard A, Duedahl-Olesen L// Tech Univ Denmark, Natl Food Inst, Morkhøj Bygade 19, DK-2860 Soborg, Denmark
Food Addit Contam 2007 **24** (7) 758
Analysis of polycyclic aromatic hydrocarbons in vegetable oils combining gel permeation chromatography with solid-phase extraction clean-up
- Gao XF, Liu HY, Song ZH*, He XL, Dong FX// *NW Univ Xian, Dept Chem, CN-710069 Xian, Peoples Rep China
Spectroscopy 2007 **21** (2) 135
Rapid assay of picogram level of Sudan I in hot chilli sauce by flow injection chemiluminescence
- Gianni S, Armando F, Gabriella M, Massimo R, Sauro V, Sergio A// Univ Camerino, Dipt Sci Chim, Via S Agostino, IT-62032 Camerino, Italy
Food Control 2007 **18** (10) 1267
HPLC-MS validation of QualisaFood® biosensor kit for cost-effective control of acrylamide levels in Italian coffee
- Hassouan MK, Ballesteros O, Taoufiki J, Vilchez JL, Cabrera-Aguilera A, Navalon A*// *Univ Granada, Dept Anal Chem, Res Grp Anal Chem, Avda Fuentenuova s/n, ES-18071 Granada, Spain
J Chromatogr B 2007 **852** (1-2) 625
Multiresidue determination of quinolone antibacterials in eggs of laying hens by liquid chromatography with fluorescence detection
- He LM, Su YJ, Fang BH, Shen XG, Zeng ZL*, Liu YH// *Sth China Agric Univ, Dept Pharmacol & Toxicol, CN-510642 Guangzhou, Peoples Rep China
Anal Chim Acta 2007 **594** (1) 139
Determination of Sudan dye residues in eggs by liquid chromatography and gas chromatography-mass spectrometry
- Hernando MD, Suarez-Barcelona JM, Bueno MJM, Garcia-Reyes JF, Fernandez-Alba AR*// *Univ Almeria, Dept Anal Chem, ES-04120 Almeria, Spain
J Chromatogr A 2007 **1155** (1) 62
Fast separation liquid chromatography-tandem mass spectrometry for the confirmation and quantitative analysis of avermectin residues in food
- Hiemstra M, De Kok A// VWA-Food & Consumer Product Safety Authority, Chem Lab R&D, Pesticide Anal Grp, Hoogte Kadijk 401, NL-1018 BK Amsterdam, The Netherlands
J Chromatogr A 2007 **1154** (1-2) 3
Comprehensive multi-residue method for the target analysis of pesticides in crops using liquid chromatography-tandem mass spectrometry
- Huang ZQ, Li YJ, Chen B, Yao SZ*// *Hunan Univ, State Key Lab Chem Biol Sensing & Chemometrics, CN-410082 Changsha, Peoples Rep China
J Chromatogr B 2007 **853** (1-2) 154
Simultaneous determination of 102 pesticide residues in Chinese teas by gas chromatography-mass spectrometry
- Injac R, Kocevar N, Krefl S// Univ Ljubljana, Fac Pharm, Inst Pharmaceut Biol, Askerceva 7, SI-1000 Ljubljana, Slovenia
Anal Chim Acta 2007 **594** (1) 119
Precision of micellar electrokinetic capillary chromatography in the determination of seven antibiotics in pharmaceuticals and feedstuffs
- Janle E, Sojka J, Jackson GS, Lachcik P, Einstein JA, Santerre CR// Purdue Univ, Dept Food & Nutr, 700 West State St, West Lafayette, In 47907, USA
Nucl Instrum Methods Phys Res B 2007 **259** (1) 758
Measuring transfer of ¹⁴C-PCB from maternal diet to milk in a goat model using an accelerator mass spectrometer (AMS)
- Juan-García A, Font G, Pico Y*// *Univ Valencia, Fac Pharm, Lab Bromatol Toxicol, Av Vincent Andres Estelles s/n, ES-46100 Valencia, Spain
J Chromatogr A 2007 **1153** (1-2) 104
On-line preconcentration strategies for analyzing pesticides in fruits and vegetables by micellar electrokinetic chromatography
- Karbiwnyk CM, Carr LE, Turnipseed SB, Andersen WC, Miller KE// US/FDA, Anim Drugs Res Ctr, Denver, Co, USA
Anal Chim Acta 2007 **596** (2) 257
Determination of quinolone residues in shrimp using liquid chromatography with fluorescence detection and residue confirmation by mass spectrometry
- Kataoka H, Terada Y, Inoue R, Mitani K// Shujitsu Univ, Sch Pharm, 1-6-1 Nishigawara, Okayama 703 8516, Japan
J Chromatogr A 2007 **1155** (1) 100
Determination of isophorone in food samples by solid-phase microextraction coupled with gas chromatography-mass spectrometry
- Likas DT, Tsiropoulos NG*, Miliadis GE// *Univ Thessaly, Dept Agric Crop Prod & Rural Environm, Fytokou Str, Nea Ionia, Magnissias, Greece
J Chromatogr A 2007 **1150** (1-2) 208
Rapid gas chromatographic method for the determination of famoxadone, trifloxystrobin and fenhexamid residues in tomato, grape and wine samples
- Liu SF, Zhang X, Lin XC, Wu XP, Fu FF, Xie ZH*// *Fuzhou Univ, Dept Chem, MoE Key Lab Anal & Detect Technol Food Safety, CN-350002 Fuzhou, Peoples Rep China
Electrophoresis 2007 **28** (11) 1696
Development of a new method for analysis of Sudan dyes by pressurized CEC with amperometric detection
- Liu W, Zhang ZJ*, Liu ZQ// *Shaanxi Normal Univ, Key Lab Anal Chem Life Sci Shaanxi Province, CN-710062 Shaanxi, Peoples Rep China
Anal Chim Acta 2007 **592** (2) 187
Determination of β -lactam antibiotics in milk using micro-flow chemiluminescence system with on-line solid phase extraction
- Masawat P, Slater JM// Naresuan Univ, Fac Sci, Dept Chem, TH-65000 Phitsanulok, Thailand
Sensor Actuator B Chem 2007 **124** (1) 127
The determination of tetracycline residues in food using a disposable screen-printed gold electrode (SPGE)
- Miller RA, Reimschuessel R, Carson MC// US/FDA, Res Off, Ctr Vet Med, 8401 Muirkirk Rd, Laurel, Md 20708, USA
J Chromatogr B 2007 **852** (1-2) 655
Determination of oxytetracycline levels in rainbow trout serum on a biphenyl column using high-performance liquid chromatography
- Molina-Mayo C, Hernandez-Borges J, Borges-Miquel TM, Rodriguez-Delgado MA*// *Univ La Laguna, Dept Anal Chem Nutr & Food Sci, Avda Astrofisico Fco Sanchez s/n, ES-38071 Tenerife, Canary Islands, Spain
J Chromatogr A 2007 **1150** (1-2) 348
Determination of pesticides in wine using micellar electrokinetic chromatography with UV detection and sample stacking
- Moreno MJ, Plana E, Montoya A, Caputo P, Manclus JJ*// *Univ Politecn Valencia, Inst Invest & Innovacion Bioingn, Camino de Vera s/n, Edificio 7F, 5^a Planta, ES-46022 Valencia, Spain
Food Addit Contam 2007 **24** (7) 704
Application of a monoclonal-based immunoassay for the determination of imazalil in fruit juices
- Navickiene S, De Amarante OP, Brito NM, Gracioli LA, Ribeiro ML// Univ Estadual Paulista, Dept Quim Organ, CP 355, BR-14801-970 Araraquara, SP, Brazil
J Chromatogr Sci 2007 **45** (6) 340
Determination of benomyl residues in shiitake mushrooms (*Lentinula edodes*) by liquid chromatography with UV detection
- No HY, Kim YA, Lee YT, Lee HS*// *Kyungpook Natl Univ, Dept Food Sci & Nutr, Taegu 702 701, South Korea
Anal Chim Acta 2007 **594** (1) 37
Cholinesterase-based dipstick assay for the detection of organophosphate and carbamate pesticides
- Papaspyrou SD, Thomaidis NS*, Lampi EN, Lioupis A// *Univ Athens, Dept Chem, Anal Chem Lab, GR-15771 Athens, Greece
Appl Organometal Chem 2007 **21** (6) 412
Determination of migration of *n*-butyltins and *n*-octyltins to food simulants by gas chromatography-mass spectrometry
- Pardo O, Yusa V, Coscolla C, Leon N, Pastor A*// *Univ Valencia, Dept Anal Chem, Edifici Jeroni Munoz, ES-46100 Burjassot, Spain
Food Addit Contam 2007 **24** (7) 663
Determination of acrylamide in coffee and chocolate by pressurized fluid extraction and liquid chromatography-tandem mass spectrometry
- Park S, Kim B*, So HY, Kim YJ, Kim J// *Korea Res Inst Stand & Sci, Div Metrol Qual Life, Taejeon 305 600, South Korea
Bull Korean Chem Soc 2007 **28** (5) 737
Development of isotope dilution-liquid chromatography/tandem mass spectrometry as a candidate reference method for the determination of acrylamide in potato chips
- Pena A, Lino CM, Alonso R, Barcelo D// Univ Coimbra, Grp Bromatol, Ctr Pharmaceut Studies, Coimbra, Portugal
J Agric Food Chem 2007 **55** (13) 4973
Determination of tetracycline antibiotic residues in edible swine tissues by liquid chromatography with spectrofluorometric detection and confirmation by mass spectrometry
- Pikkemaat MG, Mulder PPI, Elferink JWA, De Cocq A, Nielen MWF, Van Egmond HJJ// RIKILT, POB 230, NL-6700 AE Wageningen, The Netherlands
Food Addit Contam 2007 **24** (8) 842
Improved microbial screening assay for the detection of quinolone residues in poultry and eggs
- Pirard C, Widart J*, Nguyen BK, Deleuze C, Heudt L, Haubruge E, De Pauw E, Focant JF// *Univ Liege, Mass Spectrometry Lab, CART, Allee Chimie 3, B6c Sart Tilman, BE-4000 Liege, Belgium
J Chromatogr A 2007 **1152** (1-2) 116
Development and validation of a multi-residue method for pesticide determination in honey using on-column liquid-liquid extraction and liquid chromatography-tandem mass spectrometry

- Ramos JJ, Dietz C, Gonzalez MJ*, Ramos L// *Inst Organ Chem - CSIC, Dept Instrumental Anal & Environ Chem, Juan de la Cierva 3, ES-28006 Madrid, Spain
J Chromatogr A 2007 **1152** (1-2) 254
Miniaturised selective pressurised liquid extraction of polychlorinated biphenyls from foodstuffs
- Raviolo MA, Rambla-Alegre M, Clausell-Tormos J, Capella-Peiro ME, Carda-Broch S, Esteve-Romero J*// *Univ Jaume I, QFA, Area Quim Anal, Campus Riu Sec, Castellon, Spain
Anal Chim Acta 2007 **593** (2) 152
Determination of sulfonamides in milk after precolumn derivatisation by micellar liquid chromatography
- Sergi M, Gentili A, Perret D, Marchese S, Materazzi S, Curini R// University Teramo, Dept Food Sci, Via Spagna 1, IT-64123 Mosciano Sant'Agelo, Teramo, Italy
Chromatographia 2007 **65** (11-12) 757
MSPD extraction of sulphonamides from meat followed by LC tandem MS determination
- Silva E, Mascini M, Centi S, Turner APF*// *Cranfield Univ, Cranfield Hlth, Silsoe MK45 4DT, England
Anal Lett 2007 **40** (7) 1371
Detection of polychlorinated biphenyls (PCBs) in milk using a disposable immunomagnetic electrochemical sensor
- Sugimoto N, Koike R, Furusho N, Tanno M, Yomota C, Sato K, Yamazaki T, Tanamoto K// Natl Inst Hlth Sci, 1-18-1 Kamiyoga, Setagaya ku, Tokyo 158 8501, Japan
Food Addit Contam 2007 **24** (8) 799
Quantitative nuclear magnetic resonance spectroscopic determination of the oxyethylene group content of polysorbates
- Tanuja P, Venugopal N, Sashidhar RB*// *Osmania Univ, Dept Biochem, IN-500007 Hyderabad, India
J AOAC Int 2007 **90** (3) 857
Development and evaluation of thin-layer chromatography-digital image-based analysis for the quantitation of the botanical pesticide azadirachtin in agricultural matrixes and commercial formulations: Comparison with ELISA
- Vail TM, Jones PR, Sparkman OD*// *Univ Pacific, Dept Chem, 3601 Pacific Ave, Stockton, Ca 95211, USA
J Anal Toxicol 2007 **31** (6) 304
Rapid and unambiguous identification of melamine in contaminated pet food based on mass spectrometry with four degrees of confirmation
- Varlet V, Serot T*, Monteau F, Le Bizet B, Prost C// *Ecole Nationale Ingenieurs Techniques Industries Agricoles & Alimentaires, LBAI, rue Gerardièrre, BP 82225, FR-44322 Nantes, France
Food Addit Contam 2007 **24** (7) 744
Determination of PAH profiles by GC-MS/MS in salmon processed by four cold-smoking techniques
- Xu H, Gu L, He J, Lin AQ, Tang DZ// Tianjin Entry Exit Inspect & Quarantine Bureau, CN-300201 Tianjin, Peoples Rep China
J Chromatogr B 2007 **852** (1-2) 529
Simultaneous determination of residual stilbenes and stilbene metabolites in animal tissue by liquid chromatography-tandem mass spectrometry
- Zhang Q, Sun Q, Hu B, Shen Q, Yang G, Liang X, Sun X, Liu F*// *Nanjing Agricultural University, College Plant Protection, Ministry Agriculture, Key Lab Monit & Management Plant Dis & Pests, CN-210095 Nanjing, Peoples Rep China
Food Chem 2008 **106** (3) 1278
Development of a sensitive ELISA for the analysis of the organophosphorous insecticide fenitrothion in fruit samples
- Zhang YT, Zhang ZJ*, Sun YH, Wei Y// *Shaanxi Normal University, College Chem & Materials Science, CN-710062 Xian, Shaanxi Province, Peoples Rep China
J Agric Food Chem 2007 **55** (13) 4949
Development of an analytical method for the determination of β_2 -agonist residues in animal tissues by high-performance liquid chromatography with on-line electrogenerated $[\text{Cu}(\text{HIO}_6)_2]^{5-}$ -luminol chemiluminescence detection
- Zhang YT, Zhang ZJ*, Song YH, Wei Y// *Shaanxi Normal University, College Chem & Materials Science, CN-710062 Xian, Shaanxi Province, Peoples Rep China
J Chromatogr A 2007 **1154** (1-2) 260
Detection of glucocorticoid residues in pig liver by high-performance liquid chromatography with on-line electrogenerated $[\text{Cu}(\text{HIO}_6)_2]^{5-}$ -luminol chemiluminescence detection
- Zhou JH, Shen JZ, Xue XF, Zhao J, Li Y, Zhang JZ, Zhang SX*// *China Agric Univ, Coll Vet Med, Dept Pharmacol & Toxicol, CN-100094 Beijing, Peoples Rep China
J AOAC Int 2007 **90** (3) 879
Simultaneous determination of nitroimidazole residues in honey samples by high-performance liquid chromatography with ultraviolet detection
- ## 9. Toxins/Allergens
- Borjesson T, Stenberg B, Schnurer J// Lantmannen, Grain Dept, SE-53187 Lidköping, Sweden
Cereal Chem 2007 **84** (3) 231
Near-infrared spectroscopy for estimation of ergosterol content in barley: A comparison between reflectance and transmittance techniques
- Brera C, Debegnach F, Minardi V, Pannunzi E, De Santis B, Miraglia M// Ist Super Sanita, Natl Ctr Food Qual & Risk Assessment, GMO & Mycotoxins Unit, IT-00161 Rome, Italy
J AOAC Int 2007 **90** (3) 765
Immunoaffinity column cleanup with liquid chromatography for determination of aflatoxin B₁ in corn samples: Interlaboratory study
- Cavaliere C, Foglia P, Guarino C, Nazzari M, Samperi R, Lagana A*// *La Sapienza Univ, Dept Chem, Box 34 Roma 62, Pzle Moro, IT-00185 Rome, Italy
Anal Chim Acta 2007 **596** (1) 141
Determination of aflatoxins in olive oil by liquid chromatography-tandem mass spectrometry
- Chung SWC, Kwong KP// Ctr Food Safety, Food & Environment Hyg Dept, Food Res Lab, 382 Nam Cheong St, Hong Kong, Peoples Rep China
J AOAC Int 2007 **90** (3) 773
Determination of ochratoxin A at parts-per-trillion levels in cereal products by immunoaffinity column cleanup and high-performance liquid chromatography/mass spectrometry
- De Borba BM, Rohrer JS// Dionex, 1228 Titan Way, Sunnyvale, Ca 94088, USA
J Chromatogr A 2007 **1155** (1) 22
Determination of biogenic amines in alcoholic beverages by ion chromatography with suppressed conductivity detection and integrated pulsed amperometric detection
- Ehlert A, Hupfer C, Engel KH, Busch U*// *Bayer Landesamt Gesundheit & Lebensmittelsicherheit, Veterinarstr 2, DE-85764 Oberschleissheim, Germany
Arch Lebensmittelhyg 2007 **58** (3) 91
Application of a novel PCR technique for the detection of allergens in food (German, English Abstract)
- He JW, Yang R, Zhou T*, Tsao R, Young JC, Zhu HH, Li XZ, Boland GJ// *Agric & Agri-Food Canada, Food Res Prog, 93 Stone Rd West, Guelph, Ontario, Canada N1G 5C9
J Chromatogr A 2007 **1151** (1-2) 187
Purification of deoxynivalenol from *Fusarium graminearum* rice culture and mouldy corn by high-speed counter-current chromatography
- Hennekinne JA, Ostyn A, Guillier F, Gohier M, Messio S, Dragacci S, Krys S, Lombard B// AFSSA, LERQAP, Toxins Organ Pollutants & Pesticides Unit, FR-94706 Maisons Alfort, France
J AOAC Int 2007 **90** (3) 756
Interlaboratory validation of the Vidas SET2 kit for detection of staphylococcal enterotoxins in milk products
- Hohensinner V, Maier I*, Pittner F// *Univ Vienna, Dept Biochem, Max F Perutz Labs, Dr Bohr Gasse 9, AT-1030 Vienna, Austria
J Biotechnol 2007 **130** (4) 385
A 'gold cluster-linked immunosorbent assay': Optical near-field biosensor chip for the detection of allergenic β -lactoglobulin in processed milk matrices
- Kos G, Lohninger H, Mizaikoff B, Krska R*// *Univ Nat Resources & Appl Life Sci, Dept Agrobiotechnol, Ctr Anal Chem, AT-3430 Tulln, Austria
Food Addit Contam 2007 **24** (7) 721
Optimisation of a sample preparation procedure for the screening of fungal infection and assessment of deoxynivalenol content in maize using mild-infrared attenuated total reflection spectroscopy
- Marks HS// US/FDA, Pacific Reg Lab, Bothell, Wa 98021, USA
J AOAC Int 2007 **90** (3) 879
Rapid gas chromatography/mass spectrometry determination and confirmation of patulin in apple juice
- Monaci L, Vatinno R, De Benedetto GE// Univ Bari, Dept Chem, Via E Orabona 4, IT-70125 Bari, Italy
Eur Food Res Technol 2007 **225** (3-4) 585
Fast detection of cyclopirozonic acid in cheese using Fourier transform mid-infrared ATR spectroscopy
- Pardo O, Yusa V, Leon N, Pastor A*// *Univ Valencia, Dept Anal Chem, Edifici Munoz, Dr Moliner 50, ES-46100 Valencia, Spain
J Chromatogr A 2007 **1154** (1-2) 287
Development of a pressurised liquid extraction and liquid chromatography with electrospray ionization-tandem mass spectrometry method for the determination of domoic acid in shellfish
- Proestos C, Loukatos P, Komaitis M*// *Agric Univ Athens, Dept Food Sci & Technol, Lab Food Chem, Iera Odos 75, GR-11855 Athens, Greece
Food Chem 2008 **106** (3) 1218
Determination of biogenic amines in wines by HPLC with precolumn dansylation and fluorimetric detection

Schmidt-Heydt M, Geisen R*// *Fed Res Ctr Nutr & Food, Haid Neu Str 9, DE-76131 Karlsruhe, Germany
Int J Food Microbiol 2007 **117** (2) 131
 A microarray for monitoring the production of mycotoxins in food

Suzuki T// Fisheries Res Agcy, Tohoku Natl Fisheries Res Inst, Shioyama, Miyagi 985 0001, Japan
Nippon Suisan Gakkaishi 2007 **73** (3) 425
 Development of analytical method for shellfish toxins and its application for the elucidation of toxification mechanism in bivalves (Japanese, English Abstract)

Tsao ZJ, Liao YC, Liu BH, Su CC, Yu FY*// *Chung Shan Med Univ, Dept Biomed Sci, Taichung, Taiwan
J Agric Food Chem 2007 **55** (13) 4921
 Development of a monoclonal antibody against domoic acid and its application in enzyme-linked immunosorbent assay and colloidal gold immunostrip

Whitaker TB, Slate AB, Hurley JM, Giesbrecht FG// Nth Carolina State Univ, Dept Stat, Box 8203, Raleigh, NC 27695, USA
J AOAC Int 2007 **90** (3) 778
 Sampling almonds for aflatoxin. Part II: Estimating risks associated with various sampling plan designs

10. Additives

Horie M, Ishikawa F, Oishi M, Shindo T, Yasui A, Ito K// Tokyo Metropolitan Inst Publ Hlth, Dept Food Safety, 3-24-1 Hyakunin cho, Shinjuku ku, Tokyo 169, Japan
J Chromatogr A 2007 **1154** (1-2) 423
 Rapid determination of cyclamate in foods by solid-phase extraction and capillary electrophoresis

Li YL, Liu ZF, Xie LS, Kong L, Liu SP// SW Univ, Sch Chem & Chem Engr, CN-400715 Chongqing, Peoples Rep China
Chin J Chem 2007 **25** (7) 947
 Determination of potassium ferrocyanide in foods by resonance Rayleigh scatter method with double-charged triaminotriphenylmethane dyes

11. Flavours & aromas

Camara JS, Marques JC, Perestrelo RM, Rodrigues F, Oliveira L, Andrade P, Caldeira M// Univ Madeira, Dept Quim, Ctr Quim Madeira, Campus Univ Penteada, PT-9000-390 Funchal, Portugal
J Chromatogr A 2007 **1150** (1-2) 198
 Comparative study of the whisky aroma profile based on headspace solid phase microextraction using different fibre coatings

Carlton WK, Gump B, Fugelsang K, Hasson AS*// *Calif State Univ Fresno, Dept Chem, 2555 East San Ramon Ave, Fresno, Ca 93740, USA
J Agric Food Chem 2007 **55** (14) 5620
 Monitoring acetaldehyde concentrations during micro-oxygenation of red wine by headspace solid-phase microextraction with on-fiber derivatization

Cynkar W, Cozzolino D*, Damberg B, Janik L, Gishen M// *Australian Wine Res Inst, Waite Rd, POB 197, Adelaide, SA 5064, Australia
Sensor Actuator B Chem 2007 **124** (1) 167
 Feasibility study on the use of a head space mass spectrometry electronic nose (MS e_nose) to monitor red wine spoilage induced by *Brettanomyces* yeast

Fedrizzi B, Versini G, Lavagnini I, Nicolini G, Magno F*// *Univ Padua, Dept Chem Sci, Via Marzolo 1, IT-35131 Padua, Italy
Anal Chim Acta 2007 **596** (2) 291
 Gas chromatography-mass spectrometry determination of 3-mercaptopentan-1-ol and 3-mercaptopentyl acetate in wine: A comparison of headspace solid phase microextraction and solid phase extraction methods

Hofta P, Dostalek P*, Sykora D// *Inst Chem Technol, Dept Fermentat Chem & Bioengn, Technicka 5, CZ-16628 Prague 6, Czech Republic
J Inst Brew 2007 **113** (1) 48
 Liquid chromatography-diode array and electrospray high-accuracy mass spectrometry of iso- α -acids in DCHA-Iso standard and beer

Jelen HH, Mildner-Szkudlarz S, Jasinska I, Wasowicz E// Agric Univ Poznan, Dept Food Sci & Nutr, Wojska Polskiego 31, PL-60624 Poznan, Poland
J Am Oil Chem Soc 2007 **84** (6) 509
 A headspace-SPME-MS method for monitoring rapeseed oil autoxidation

Munoz-Aguirre S, Yoshino A, Nakamoto T, Morizumi T// Tokyo Inst Technol, Grad Sch Sci & Engr, 2-12-1 O-okayama, Meguro ku, Toyko 152 8552, Japan
Sensor Actuator B Chem 2007 **123** (2) 1101
 Odor approximation of fruit flavors using a QCM odor sensing system

Rocha SM, Coutinho P, Delgado I, Coimbra MA// Univ Aveiro, Dept Quim, PT-3810-193 Aveiro, Portugal
J Chromatogr A 2007 **1150** (1-2) 155
 Headspace-solid phase microextraction-gas chromatography as a tool to define an index that establishes the retention capacity of the wine polymeric fraction towards ethyl esters

Schmarr HG, Ganss S, Sang W, Potouridis T// DLR Rheinpfalz, Breitenweg 71, DE-67435 Neustadt an der Weinstrasse, Germany
J Chromatogr A 2007 **1150** (1-2) 78
 Analysis of 2-aminoacetophenone in wine using a stable isotope dilution assay and multidimensional gas chromatography-mass spectrometry

Sikorska E, Chmielewski J, Gorecki T, Khmelinskii I, Sikorski M, De Keukeleire D// Poznan Econ, Fac Commodity Sci, Niepodleglosci 10, PL-60967 Poznan, Poland
J Inst Brew 2007 **113** (1) 110
 Discrimination of beer flavours by analysis of volatiles using the mass spectrometer as an electronic nose

Vasta V, Ratel J, Engel E*// *INRA UR370 Qual Products Anim, Lab Typicite Aromatique & Authentification, FR-63122 St Genes Champanelle, France
J Agric Food Chem 2007 **55** (12) 4630
 Mass spectrometry analysis of volatile compounds in raw meat for the authentication of the feeding background of farm animals

Wade KL, Garrard IJ, Fahey JW*// *Johns Hopkins Univ Sch Med, Dept Mol Sci, 725 Nth Wolfe St, 406 WBSB, Baltimore, Md 21205, USA
J Chromatogr A 2007 **1154** (1-2) 469
 Improved hydrophilic interaction chromatography method for the identification and quantification of glucosinolates

Wang H, Li JM, Wang ZF, Zhang X, Ni YY*// *China Agric Univ, Coll Food Sci & Nutr Engr, CN-100083 Beijing, Peoples Rep China
J Agric Food Chem 2007 **55** (14) 5429
 Modified method for rapid quantification of S-alk(en)yl-L-cysteine sulfoxide in yellow onions (*Allium cepa* L)

Xu XQ, Mo HZ, Yan MC, Zhu Y*// *Univ Wageningen & Res Ctr, Appl Plant Res, POB 16, NL-6700 AA Wageningen, The Netherlands
J Sci Food Agric 2007 **87** (8) 1502
 Analysis of characteristic aroma of fungal fermented Fuzhuan brick-tea by gas chromatography/mass spectrophotometry

Yang Y, Kayan B, Bozer N, Pate B, Baker C, Gizir AM// East Carolina Univ, Dept Chem, Sci & Technol Bldg, Greenville, NC 27858, USA
J Chromatogr A 2007 **1152** (1-2) 262
 Terpene degradation and extraction from basil and oregano leaves using subcritical water

13. Animal products

Abdel-Rahman SM, Ahmed MMM// Mubarak City Sci Res & Technol Applicat, Genet Engr Inst, Dept Nucl Acid Res, Post Code 21934, Alexandria, Egypt
Food Control 2007 **18** (10) 1246
 Rapid and sensitive identification of buffalo's, cattle's and sheep's milk using species-specific PCR and PCR-RFLP techniques

Bahar B, Schmidt O*, Moloney AP, Scrimgeour CM, Begley IS, Monahan FJ// *Univ Coll Dublin, Sch Biol & Environm Sci, Belfield, Dublin 4, Rep Ireland
Food Chem 2008 **106** (3) 1299
 Seasonal variation in the C, N and S stable isotope composition of retail organic and conventional Irish beef

Chapela MJ, Sotelo CG, Perez-Martin RI, Pardo MA, Perez-Villareal B, Gilardi P, Riese J// Inst Invest Marinas Punta Betin, Eduardo Cabello 6, ES-36208 Vigo, Spain
Food Control 2007 **18** (10) 1211
 Comparison of DNA extraction methods from muscle of canned tuna for species identification

Di Finizio A, Guerriero G, Russo GL, Ciarcia G*// *Univ Naples Federico II, Dept Biol Sci, Sect Zool, IT-80134 Naples, Italy
Eur Food Res Technol 2007 **225** (3-4) 337
 Identification of gadoiid species (Pisces, Gadidae) by sequencing and PCR-RFLP analysis of mitochondrial 12S and 16S rRNA gene fragments

Diaz JLC, Alonso IG*, Fajardo V, Martin I, Hernandez P, Lacarra TG, De Santos RM// *Univ Complutense, Fac Vet, Dept Nutr Bromatol & Tecnol Alimentos, ES-28040 Madrid, Spain
Eur Food Res Technol 2007 **225** (3-4) 345
 Application of a polymerase chain reaction to detect adulteration of ovine cheeses with caprine milk

Engel E, Ratel J// Inst Natl Rech & Agron, Lab Typicite Aromat & Authentification, UR QuaPA, FR-63122 St Genes Champanelle, France
J Chromatogr A 2007 **1154** (1-2) 331
 Correction of the data generated by mass spectrometry analyses of biological tissues: Application to food authentication

Ji D, Roman M, Zhou J, Hildreth J// Anaheim Inc, Anal Labs, 2951 Saturn St, Unit C, Brea, Ca 92821, USA
J AOAC Int 2007 **90** (3) 659
 Determination of chondroitin sulfate content in raw materials and dietary supplements by high-performance liquid chromatography with ultraviolet detection after enzymatic hydrolysis: Single-laboratory validation

- Johansen J, Egelanddal B, Roe M, Kvaal K, Aastveit AH// Animalia - Norwegian Meat Res Ctr, POB 396 Okern, NO-0513 Oslo, Norway
Chemometr Intell Lab Syst 2007 **87** (2) 303
Calibration models for lamb carcass composition analysis using computerized tomography (CT) imaging
- Leelapongwattana K, Benjakul S*, Visessanguan W, Howell NK// *Prince Songkla Univ, Fac Agro-Ind, Dept Food Technol, TH-90112 Hat Yai, Thailand
Food Chem 2008 **106** (3) 1253
Raman spectroscopic analysis and rheological measurements on natural actomyosin from haddock (*Melanogrammus aeglefinus*) during refrigerated (4 °C) and frozen (-10 °C) storage in the presence of trimethylamine-N-oxide demethylase from kidney of lizardfish (*Saurida tumbil*)
- Lopez-Calleja I, Gonzalez I*, Fajardo V, Martin I, Hernandez PE, Garcia T, Martin R// *Univ Complutense, Fac Vet, Dept Nutr Bromatol & Tecnol Alimentos, ES-28040 Madrid, Spain
Food Control 2007 **18** (11) 1466
Quantitative detection of goats' milk in sheep's milk by real-time PCR
- Mafra I, Roxo A, Ferreira IMPLVO, Oliveira MBPP// Univ Porto, Serv Bromatol, REQUIMTE, Rua Anibal Cunha 164, PT-4099-030 Oporto, Portugal
Int Dairy J 2007 **17** (9) 1132
A duplex polymerase chain reaction for the quantitative detection of cow's milk in goats' milk cheese
- Mora L, Sentandreu MA*, Toldra F// *Inst Agroquim & Tecnol Alimentos - CSIC, POB 73, ES-46100 Valencia, Spain
J Agric Food Chem 2007 **55** (12) 4664
Hydrophilic chromatographic determination of carnosine, anserine, balenine, creatine, and creatinine
- Moros J, Garrigues S*, De la Guardia M// *Univ Valencia, Dept Anal Chem, 50 Dr Moliner St, ES-46100 Burjassot, Spain
Anal Chim Acta 2007 **593** (1) 30
Evaluation of nutritional parameters in infant formulas and powdered milk by Raman spectroscopy
- Pappas CS, Tarantilis PA*, Moschopoulou E, Moatsou G, Kandarakis I, Polissiou MG// *Agric Univ Athens, Lab Chem, 75 Irea Odos St, GR-11855 Athens, Greece
Food Chem 2008 **106** (3) 1271
Identification and differentiation of goat and sheep milk based on diffuse reflectance infrared Fourier transform spectroscopy (DRIFTS) using cluster analysis
- Ruoff K, Luginbuhl W, Bogdanov S, Bosset JO, Estermann B, Ziolko T, Kheradmandan S, Amado R// Inframiel, Herrenmatt 8, CH-5200 Brugg, Switzerland
Eur Food Res Technol 2007 **225** (3-4) 415
Quantitative determination of physical and chemical measurands in honey by near-infrared spectrometry
- Zhang JB, Huang H, Cai ZP, Huang LM// Chinese Acad Sci, Sth China Sea Inst Oceanog, LED, CN-510301 Guangzhou, Peoples Rep China
Food Control 2007 **18** (11) 1331
Species identification in salted products of red snappers by semi-nested PCR-RFLP based on the mitochondria 12S rRNA gene sequence
- ## 14. Plant & microbial products
- Abad-Garcia B, Berrueta LA*, Lopez-Marquez DM, Crespo-Ferrer I, Gallo B, Vicente F// *Univ Pais Vasco, Fac Ciencia & Technol, Dept Quim Analit, PO Box 644, ES-48080 Bilbao, Spain
J Chromatogr A 2007 **1154** (1-2) 87
Optimization and validation of a methodology based on solvent extraction and liquid chromatography for the simultaneous determination of several polyphenolic families in fruit juices
- Alamar MC, Bobelyn E, Lammertyn J, Nicolai BM, Molto E// Inst Valenciano Invest Agrarias, Ctr Agroingn, Ctra Moncada-Naquera km 4.5, ES-46113 Valencia, Spain
Postharvest Biol Technol 2007 **45** (1) 38
Calibration transfer between NIR diode array and FT-NIR spectrophotometers for measuring the soluble solids contents of apple
- Alary R, Buissonade C, Joudrier P, Gautier MF*// *INRA UMR Polymorphismes Interet Agron, 2 Pl Viala, FR-34060 Montpellier 01, France
Eur Food Res Technol 2007 **225** (3-4) 427
Detection and discrimination of cereal and leguminous species in chestnut flour by duplex PCR
- Baldermann S, Reinhard A, Kohler N, Fleischmann P// Tech Univ Braunschweig, Institute Food Chem, Schleinitzstr 20, DE-38106 Braunschweig, Germany
J Chromatogr A 2007 **1151** (1-2) 183
Application of high-speed counter-current chromatography for the isolation of 9-*cis*-neoxanthin from fresh spinach
- Ballabio D, Kokkinofa R, Todeschini R*, Theocharis CR// *Univ Milan, Dept Environm Sci, Milano Chemometrics & QSAR Res Grp, Pza Scienza, IT-20126 Milan, Italy
Chemometr Intell Lab Syst 2007 **87** (1) 52
Characterization of the traditional Cypriot spirit Zivania by means of counter-propagation artificial neural networks
- Bommareddy A, Arasada BL, Mathees DP, Dwivedi C*// *Sth Dakota State Univ, Dept Pharmaceut Sci, Brookings, SD 57007, USA
J AOAC Int 2007 **90** (3) 641
Determination of mammalian lignans in biological samples by modified gas chromatography/mass spectrometry
- Breksa AP, Ibarra P// USDA/ARS, Western Reg Res Ctr, 800 Buchanan St, Albany, Ca 94710, USA
J Agric Food Chem 2007 **55** (13) 5013
Colorimetric method for the estimation of total limonoid aglycones and glucoside contents in citrus juices
- Broothaerts W, Corbisier P, Emons H, Emteborg H, Linsinger TPJ, Trapmann S// Eur Commission, Joint Res Ctr, Inst Reference Materials & Measurements, Retieseweg 111, BE-2440 Geel, Belgium
J Agric Food Chem 2007 **55** (12) 4728
Development of a certified reference material for genetically modified potato with altered starch composition
- Camps C, Guillermin P, Mauget JC, Bertrand D// Inst Natl Hort, UMR SAGAH, 2 rue LeNotre, FR-49000 Angers, France
J Near Infrared Spectrosc 2007 **15** (3) 169
Discrimination of storage duration of apples stored in a cooled room and shelf-life by visible-near infrared spectroscopy
- Careri M, Corradini C, Elviri L, Mangia A// Univ Parma, Dipt Chim Gen & Inorgan Chim Anal Chim, Parco Area Sci 17/A, IT-43100 Parma, Italy
J Chromatogr A 2007 **1152** (1-2) 274
Optimization of a rapid microwave assisted extraction method for the liquid chromatography-electrospray-tandem mass spectrometry determination of isoflavonoid aglycones in soybeans
- Cassells JA, Reuss R, Osborne BG, Wesley IJ// CSIRO, Entomology, GPO Box 1700, Canberra, ACT 2602, Australia
J Near Infrared Spectrosc 2007 **15** (3) 161
Near infrared spectroscopic studies of changes in stored grain
- Chen PC, Chang FS, Chen IZ, Lu FM, Cheng TJ, Chen RLC*// *Natl Taiwan Univ, Coll Bioresources & Agric, Dept Bio-Industrial Mechatronics Engn, Taipei 10764, Taiwan
Anal Chim Acta 2007 **594** (1) 32
Redox potential of tea infusion as an index for the degree of fermentation
- Chirinos R, Campos D*, Costa N, Arbizu C, Pedreschi R, Larondelle Y// *Univ Nac Agraria La Molina, Inst Biotecnol, Av La Molina s/n, Lima 12, Peru
Food Chem 2008 **106** (3) 1285
Phenolic profiles of andean mashua (*Tropaeolum tuberosum* Ruiz & Pavon) tubers: Identification by HPLC-DAD and evaluation of their antioxidant activity
- Cynkar WU, Cozzolino D, Damberg RG, Janik L, Gishen M// Australian Wine Res Inst, POB 197, Glen Osmond, SA 5064, Australia
Aust J Grape Wine Res 2007 **13** (2) 101
Effect of variety, vintage and winery on the prediction by visible and near infrared spectroscopy of the concentration of glycosylated compounds (G-G) in white grape juice
- De Rosso VV, Mercadante AZ*// *Univ Estadual Campinas, Fac Food Engn, Dept Food Sci, PO Box 6121, BR-13083 Campinas, SP, Brazil
J Agric Food Chem 2007 **55** (13) 5062
Identification and quantification of carotenoids, by HPLC-PDA-MS/MS, from amazonian fruits
- Doveri S, Lee D*// *NIAB, Crop Genet Grp, Huntingdon Rd, Cambridge CB3 0LE, England
J Agric Food Chem 2007 **55** (12) 4640
Development of sensitive crop-specific polymerase chain reaction assays using 5S DNA: Applications in food traceability
- Du YY, Bai GY, Zhang X, Liu ML*// *Chinese Acad Sci, Wuhan Inst Phys & Math, Wuhan Ctr Magn Reson, CN-430071 Wuhan, Hubei, Peoples Rep China
Chin J Chem 2007 **25** (7) 930
Classification of wines based on combination of ¹H NMR spectroscopy and principal component analysis
- El-Hady DA// Assiut Univ, Fac Sci, Dept Chem, EG-71516 Assiut, Egypt
Anal Chim Acta 2007 **593** (2) 178
Selective and sensitive hydroxypropyl- β -cyclodextrin based sensor for simple monitoring of (+)-catechin in some commercial drinks and biological fluids
- Fonseca FN, Tavares MFM*, Horvath C// *Univ Sao Paulo, Inst Chem, Av Prof Lineu Prestes 748, BR-05508 Sao Paulo, Brazil
J Chromatogr A 2007 **1154** (1-2) 390
Capillary electrochromatography of selected-phenolic compounds of *Chamomilla recutita*

- Gioti EM, Fiamegos YC, Skalkos DC, Stalikas CD*// *Univ Ioannina, Dept Chem, Anal Chem Lab, GR-45110 Ioannina, Greece
J Chromatogr A 2007 **1152** (1-2) 150-155
Improved method for the *in vitro* assessment of antioxidant activity of plant extracts by headspace solid-phase microextraction and gas chromatography-electron capture detection
- Godoy SC, Ferrao MF, Gerbase AE*// *Univ Fed Rio Grande do Sul, Inst Quim, CP 15003, BR-91501-970 Porto Alegre, RS, Brazil
J Am Oil Chem Soc 2007 **84** (6) 503
Determination of the hydroxyl value of soybean polyol by attenuated total reflectance/Fourier transform infrared spectroscopy
- Grace PB, Mistry NS, Carter MH, Leatham AJC, Teale P// HFL, Newmarket Rd, Fordham CB7 5WW, England
J Chromatogr B 2007 **853** (1-2) 138
High throughput quantification of phytoestrogens in human urine and serum using liquid chromatography/tandem mass spectrometry (LC-MS/MS)
- Hupfer C, Waiblinger HU, Busch U// Bavarian Hlth & Food Safety Authority, Veterinarstr 2, DE-85764 Oberschleissheim, Germany
Eur Food Res Technol 2007 **225** (3-4) 329
Development and validation of a real-time PCR detection method for celery in food
- Janik LJ, Cozzolino D, Damberg S, Cynkar W, Gishen M// Australian Wine Res Inst, POB 197, Adelaide, SA 5064, Australia
Anal Chim Acta 2007 **594** (1) 107
The prediction of total anthocyanin concentration in red-grape homogenates using visible-near-infrared spectroscopy and artificial neural networks
- Kofink M, Papagiannopoulos M, Galensa R// Dept Nutr & Food Sci, Res Area Food Chem 1, Eendenicher Allee 11-13, DE-53115 Bonn, Germany
Eur Food Res Technol 2007 **225** (3-4) 569
Enantioseparation of catechin and epicatechin in plant food by chiral capillary electrophoresis
- Li XL, He Y*, Wu CQ, Sun DW// *Zhejiang Univ, Coll Biosystem Engn & Food Sci, CN-310029 Hangzhou, Peoples Rep China
J Food Eng 2007 **82** (3) 316
Nondestructive measurement and fingerprint analysis of soluble solid content of tea soft drink based on Vis/NIR spectroscopy
- Lodi A, Tiziani S, Vodovotz Y*// *Ohio State Univ, Dept Food Sci & Technol, Parker Food Sci & Technol Bldg, 2015 Fyffe Rd, Columbus, Oh 43210, USA
J Agric Food Chem 2007 **55** (14) 5850
Molecular changes in soy and wheat breads during storage as probed by nuclear magnetic resonance (NMR)
- Magalhaes LM, Segundo MA*, Reis S, Lima JLFC, Toth IV, Rangel AOSS// *Univ Porto, Fac Farm, Serv Quim Fis, REQUIMTE, Rua Anibal Cunha 164, PT-4099-030 Oporto, Portugal
Anal Chim Acta 2007 **592** (2) 193
Automatic flow system for sequential determination of ABTS.* scavenging capacity and Folin-Ciocalteu index: A comparative study in food products
- Magalhaes PJ, Guido LF*, Cruz JM, Barros AA// *Univ Porto, Dept Quim, REQUIMTE, Rua Campo Alegre 687, PT-4169-007 Oporto, Portugal
J Chromatogr A 2007 **1150** (1-2) 295
Analysis of xanthohumol and isoxanthohumol in different hop products by liquid chromatography-diode array detection-electrospray ionization tandem mass spectrometry
- Manley M, Joubert E, Myburgh L, Lotz E, Kidd M// Univ Stellenbosch, Dept Food Sci, Private Bag X1, ZA-7602 Matieland, Stellenbosch, Rep Sth Africa
J Near Infrared Spectrosc 2007 **15** (3) 179
Prediction of soluble solids content and post-storage internal quality of Bulida apricot's using near infrared spectroscopy
- Mercurio MD, Damberg RG, Herderich MJ, Smith PA*// *Australian Wine Res Inst, POB 197, Glen Osmond, SA 5064, Australia
J Agric Food Chem 2007 **55** (12) 4651
High throughput analysis of red wine and grape phenolics - Adaptation and validation of methyl cellulose precipitable tannin assay and modified Somers color assay to a rapid 96 well plate format
- Nelson SO, Guo WC, Trabelsi S, Kays SJ// USDA/ARS, Russell Res Ctr, POB 5677, Athens, Ga 30604, USA
Meas Sci Technol 2007 **18** (7) 1887
Dielectric spectroscopy of watermelons for quality sensing
- Nenadis N, Lazaridou O, Tsimidou MZ*// *Aristotle Univ Thessaloniki, Dept Chem, Food Chem & Technol Lab, GR-54124 Thessaloniki, Greece
J Agric Food Chem 2007 **55** (14) 5452
Use of reference compounds in antioxidant activity assessment
- Pan Y, Wang K, Huang S, Wang H, Mu X, He C, Ji X, Zhang J, Huang F// Guangxi Normal Univ, Sch Chem & Chem Engr, CN-541004 Guilin, Peoples Rep China
Food Chem 2008 **106** (3) 1264
Antioxidant activity of microwave-assisted extract of longan (*Dimocarpus longan* Lour.) peel
- Pereira GE, Gaudillere JP*, Van Leeuwen C, Hilbert G, Maucourt M, Deborde C, Moling A, Rolin D// *Univ Bordeaux 2, INRA, UMR, BP 81, FR-33883 Villenave d'Ornon, France
J Int Sci Vigne Vin 2007 **41** (2) 103
¹H-NMR metabolic profiling of wines from three cultivars, three soil types and two contrasting vintages (French, English Abstract)
- Policegoudra RS, Abiraj K, Gowda DC, Aradhya SM*// *Cent Food Technol Res Inst, Dept Fruit & Vegetable Technol, IN-570020 Mysore, India
J Chromatogr B 2007 **852** (1-2) 40
Isolation and characterization of antioxidant and antibacterial compound from mango ginger (*Curcuma amada* Roxb.) rhizome
- Preys S, Vigneau E, Mazerolles G, Cheynier V, Bertrand D// INRA UMR Sci Oenol, 2 Pl Viala, FR-34060 Montpellier, France
Chemometr Intell Lab Syst 2007 **87** (2) 200
Multivariate prototype approach for authentication of food products
- Shanahan D, Stokes P, Burns M, Harris N// LGC Ltd, Queens Rd, Teddington TW11 0LY, England
Eur Food Res Technol 2007 **225** (3-4) 483
A novel method for the detection of Roundup Ready™ soya using liquid chromatography-electrospray ionisation mass spectrometry
- Sun YZ, Liao XJ, Wang ZF, Hu XS, Chen F*// *China Agric Univ, Coll Food Sci & Nutrit Engr, Lab Hort Products Processing & Storage, CN-100083 Beijing, Peoples Rep China
Eur Food Res Technol 2007 **225** (3-4) 511
Optimization of microwave-assisted extraction of anthocyanins in red raspberries and identification of anthocyanin of extracts using high-performance liquid chromatography mass spectrometry
- Termentzi A, Kefalas P, Kokkalou E*// *Aristotle Univ Thessaloniki, Sch Pharm, Dept Pharmacogn-Pharmacol, GR-54124 Thessaloniki, Greece
Food Chem 2008 **106** (3) 1234
LC-DAD-MS (ESI+) analysis of the phenolic content of *Sorbus domestica* fruits in relation to their maturity stage
- Vautrin S, Zhang D*// *GEVES, Domaine Magneraud, Lab BioGEVES, BP 52, FR-17700 Surgeres, France
J AOAC Int 2007 **90** (3) 794
Real-time polymerase chain reaction assay for endogenous reference gene for specific detection and quantification of common wheat-derived DNA (*Triticum aestivum* L.)
- Wang L, Zhang ZJ*// *Shaanxi Normal Univ, Sch Chem & Materials Sci, Dept Chem, CN-710062 Xian, Peoples Rep China
Anal Chim Acta 2007 **592** (2) 115
Molecular imprinted polymer-based chemiluminescence imaging sensor for the detection of *trans*-resveratrol
- Wang MF, Lian HZ*, Mao L, Zhou JP, Gong HJ, Qian BY, Fang Y, Li J// *Nanjing Univ, Sch Chem & Chem Engr, MoE Key Lab Anal Chem Life Sci, 22 Hankou Rd, CN-210093 Nanjing, Jiangsu Province, Peoples Rep China
J Agric Food Chem 2007 **55** (14) 5552
Comparison of various extraction methods for policosanol from rice bran wax and establishment of chromatographic fingerprint of policosanol
- Xie LJ, Ying YB*, Ying TJ// *Zhejiang Univ, Coll Biosyst Engr & Food Sci, CN-310029 Hangzhou, Peoples Rep China
J Food Eng 2007 **82** (3) 395
Combination and comparison of chemometrics methods for identification of transgenic tomatoes using visible and near-infrared diffuse transmittance technique
- Xu J, Zhu SF, Miao HZ, Huang WS, Qiu MY, Huang Y, Fu XP, Li Y*// *Fudan Univ, Sch Life Sci, Inst Genet, State Key Lab Genet Engr, CN-200433 Shanghai, Peoples Rep China
J Agric Food Chem 2007 **55** (14) 5575
Event-specific detection of seven genetically modified soybean and maize using multiplex-PCR coupled with oligonucleotide microarray
- Zhang MH, Gao XJ*, Yu YB, Ao JX, Qin J, Yao YH, Li QZ// *NE Agric Univ, Res Ctr Life Sci & Biotechnology, Detecting Ctr Agric Genetically Modified Organism, CN-150030 Harbin, Peoples Rep China
Food Control 2007 **18** (10) 1277
Detection of Roundup Ready soy in highly processed products by triplex nested PCR
- Zou XB, Li YX, Zhao JW// Jiangsu Univ, Agric Product Processing & Storage Lab, CN-212013 Zhenjiang, Jiangsu, Peoples Rep China
J Near Infrared Spectrosc 2007 **15** (3) 153
Using genetic algorithm interval partial least squares selection of the optimal near infrared wavelength regions for determination of the soluble solids content of 'Fuji' apple
- Zou XB, Zhao HW, Huang XY, Li YX// Address as above
Chemometr Intell Lab Syst 2007 **87** (1) 43
Use of FT-NIR spectrometry in non-invasive measurements of soluble solid contents (SSC) of 'Fuji' apple based on different PLS models