

## Bibliography of analytical methods

(4 weeks journals. Search completed at 6th. Feb. 2008)

### 1. Reviews

- Asensio L, Gonzalez I, Garcia T, Martin R// Univ San Pablo, Fac Farm, Dept Nutr Bromatol & Tecnol Alimentos, CEU, ES-28668 Madrid, Spain  
*Food Control* 2008 **19** (1) 1  
 Determination of food authenticity by enzyme-linked immunosorbent assay (ELISA)
- Betz JM, Fisher KD, Saldanha LG, Coates PM// NIH, Off Dietary Supplements, 6100 Executive Blvd, Bethesda, Md 20892, USA  
*Anal Bioanal Chem* 2007 **389** (1) 19  
 The NIH analytical methods and reference materials program for dietary supplements
- Blake CJ// Nestec Ltd, Food Qual & Safety Dept, Nestle Res Ctr, Vers-chez-les-Blanc 26, CH-1000 Lausanne, Switzerland  
*Anal Bioanal Chem* 2007 **389** (1) 63  
 Analytical procedures for water-soluble vitamins in foods and dietary supplements: A review
- Capar SG, Mindak WR, Cheng J// US/FDA, Ctr Food Safety & Appl Nutr, Wiley Fed Bldg, 5100 Paint Branch Pkwy, College Park, Md 20740, USA  
*Anal Bioanal Chem* 2007 **389** (1) 159  
 Analysis of food toxic elements
- Delmonte P, Rader JI// US/FDA, HFS-717, Rm 1E006, 5100 Paint Branch Pkwy, College Park, Md 20740, USA  
*Anal Bioanal Chem* 2007 **389** (1) 77  
 Evaluation of gas chromatographic methods for the determination of *trans* fat
- Dwyer JT, Holden J, Andrews K, Roseland J, Zhao C, Schweitzer A, Perry CR, Harnly J, Wolf WR, Picciano MF, Fisher KD, Saldanha LG, Yetley EA, Betz JM, Coates PM, Milner JA, Whitted J, Burt V, Radimer K, Wilger J, Sharpless KE, Hardy CJ// NIH/US DHHS, Off Dietary Supplements, Bethesda, Md 20892, USA  
*Anal Bioanal Chem* 2007 **389** (1) 37  
 Measuring vitamins and minerals in dietary supplements for nutrition studies in the USA
- Gapper LW, Copestake DEJ, Otter DE, Indyk HE// \*Fonterra Waitoa, 1 Rd, POB 7, Waitoa, New Zealand  
*Anal Bioanal Chem* 2007 **389** (1) 93  
 Analysis of bovine immunoglobulin G in milk, colostrum and dietary supplements: A review
- Gill BD, Indyk HE// Fonterra Cooperative Grp Ltd, PO Box 7, Waitoa, New Zealand  
*JAOAC Int* 2007 **90** (5) 1354  
 Determination of nucleotides and nucleosides in milks and pediatric formulas: A review
- Harnly JM, Bhagwat S, Lin LZ// USDA/ARS, Beltsville Human Nutr Res Ctr, Food Composit Lab, Beltsville, Md 20705, USA  
*Anal Bioanal Chem* 2007 **389** (1) 47  
 Profiling methods for the determination of phenolic compounds in foods and dietary supplements
- Krska R, Welzig E, Boudra H// Univ Nat Resources & Appl Life Sci, Dept Agrobiotechnol, Christian Doppler Lab Mycotoxin Res, AT-3430 Tulln, Austria  
*Anim Feed Sci Technol* 2007 **137** (3-4) 241  
 Analysis of *Fusarium* toxins in feed

Luykx DMAM, Van Ruth SM\*// \*Wageningen UR, RIKILT- Inst Food Safety, Dept Authenticity & Identity, PO Box 230, NL-6700 AE Wageningen, The Netherlands

*Food Chem* 2008 **107** (2) 897  
 An overview of analytical methods for determining the geographical origin of food products

Manners GD// USDA/ARS, Western Reg Res Ctr, 800 Buchanan St, Albany, Ca 94710, USA

*J Agric Food Chem* 2007 **55** (21) 8285  
 Citrus limonoids: Analysis, bioactivity, and biomedical prospects

Mossoba MM, Milosevic V, Milosevic M, Kramer JKG, Azizian H// US/FDA, Ctr Food Safety & Appl Nutr, Mail Stop HFS-717, Rm BE-012, 5100 Paint Branch Pkwy, College Park, Md 20740, USA

*Anal Bioanal Chem* 2007 **389** (1) 87  
 Determination of total *trans* fats and oils by infrared spectroscopy for regulatory compliance

Murkovic M// Graz Univ Technol, Inst Food Chem & Technol, Petersgasse 12/2, Graz, Austria

*Anal Bioanal Chem* 2007 **389** (1) 139  
 Analysis of heterocyclic aromatic amines

Plutowska B, Wardenki W\*// \*Tech Univ Gdansk, Chem Fac, Dept Anal Chem, ul Narutowicza 11/12, PL-80952 Gdansk, Poland

*Food Chem* 2008 **107** (1) 449  
 Application of gas chromatography-olfactometry (GC-O) in analysis and quality assessment of alcoholic beverages - A review

Pourmortazavi SM, Hajimirsadeghi SS// Malek Ashtar Univ Technol, Fac Material & Mfg Technol, POB 16765-3454, Tehran, Iran

*J Chromatogr A* 2007 **1163** (1-2) 2  
 Supercritical fluid extraction in plant essential and volatile oil analysis

Van Hengel AJ// European Commission, Inst Reference Materials & Measurements, Directorate Gen Joint Res Ctr, Retieseweg 111, BE-2440 Geel, Belgium

*Anal Bioanal Chem* 2007 **389** (1) 111  
 Food allergen detection methods and the challenge to protect food-allergic consumers

Wenzl T, Lachenmeier DW, Gokmen V// European Commission, Inst Reference Materials & Measurements, Directorate Gen Joint Res Ctr, Retieseweg 111, BE-2440 Geel, Belgium

*Anal Bioanal Chem* 2007 **389** (1) 119  
 Analysis of heat-induced contaminants (acrylamide, chloropropanols and furan) in carbohydrate-rich food

Zoller O, Sager F, Reinhard H// Swiss Fed Off Publ Hlth, Food Safety Div, CH-3003 Bern, Switzerland

*Food Addit Contam* 2007 **24** (Suppl 1) 91  
 Furan in food: Headspace method and product survey

### 2. General

Kihc K, Onal-Ulusoy B, Yildirim M, Boyaci IH\*// \*Hacettepe Univ, Dept Food Engn, TR-06800 Ankara, Turkey

*Eur Food Res Technol* 2007 **226** (1-2) 121  
 Scanner-based color measurement in  $L^* a^* b^*$  format with artificial neural networks (ANN)

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.

Phillips KM, Wolf WB, Patterson KY, Sharpless KE, Holden JM// Virginia Polytech Inst & State Univ, Dept Biochem, 304 Engel Hall, Blacksburg, Va 24061, USA

*Anal Bioanal Chem* 2007 **389** (1) 219

Reference materials to evaluate measurement systems for the nutrient composition of foods: Results from USDA's National Food and Nutrient Analysis Program (NFNAP)

### 3. Amino acids, proteins & enzymes

Aguilo-Aguayo I, Odriozola-Serrano I, Quintao-Teixeira LJ, Martin-Beloso O\*// \*Univ Lleida, Dept Food Technol UTPV-CeRTA, Rovira Roure 191, ES-25198 Lleida, Spain

*Food Chem* 2008 **107** (2) 949

Inactivation of tomato juice peroxidase by high-intensity pulsed electric fields as affected by process conditions

Beaugrand J, Gebruers K\*, Verkerken C, Fierens E, Dornez E, Goddeeris BM, Delcour JA, Courtin CM// \*Katholieke Univ Leuven, Lab Food Chem & Biochem, Kasteelpark Arenberg 30, BE-3001 Heverlee, Belgium

*J Agric Food Chem* 2007 **55** (19) 7682

Indirect enzyme-antibody sandwich enzyme-linked immunosorbent assay for quantification of TAXI and XIP type xylanase inhibitors in wheat and other cereals

Bruun SW, Sondergaard I, Jacobsen S\*// \*Tech University Denmark, Enzyme & Protein Chem, Biocentrum, Soltofts Plads, Bldg 224, DK-2800 Lyngby, Denmark

*J Agric Food Chem* 2007 **55** (18) 7234

Analysis of protein structures and interactions in complex food by near-infrared spectroscopy. 1. Gluten powder

Bruun SW, Sondergaard I, Jacobsen S\*// \*Address as above

*J Agric Food Chem* 2007 **55** (18) 7244

Analysis of protein structures and interactions in complex food by near-infrared spectroscopy. 2. Hydrated gluten

Geneix N, Dufour E, Venien A, Levieux D\*// \*INRA, QuaPA-Immunochim, Theix, FR-63122 St-Genes-Chapanelle, France

*J Dairy Res* 2007 **74** (3) 290

Development of a monoclonal antibody-based immunoassay for specific quantification of bovine milk alkaline phosphatase

Hoshi H, Yagi Y, Matsunaga K, Ishihara Y, Yasuhara T// Kureha Corp, Biomed Res Lab, 3-26-2 Hyakunin-cho, Shinjuku ku, Tokyo 169 8503, Japan

*J Agric Food Chem* 2007 **55** (21) 8508

Development of an enzyme-linked immunosorbent assay to detect an immunomodulatory  $\alpha$ -D-glucan-protein complex, MPG-1, in basidiomycete *Tricholoma matsutake* and related processed foods

Hsieh MM, Chen SM// Fooyin Univ, Dept Appl Chem, 151 Chin Hsueh Rd, Ta Liao Hsiang 831, Kaohsiung Hsien, Taiwan

*Talanta* 2007 **73** (2) 326

Determination of amino acids in tea leaves and beverages using capillary electrophoresis with light-emitting diode-induced fluorescence detection

Kher A, Udabage P, McKinnon I, McNaughton D\*, Augustin MA// \*Monash Univ, Sch Chem, POB 23, Clayton, Vic 3800, Australia

*Vib Spectrosc* 2007 **44** (2) 375

FTIR investigation of spray-dried milk protein concentrate powders

Levieux D, Geneix N, Levieux A// INRA, QuaPA-Immunochim, FR-63122 St Genes Champanelle, France

*J Dairy Res* 2007 **74** (3) 296

Inactivation-denaturation kinetics of bovine milk alkaline phosphatase during mild heating as determined by using a monoclonal antibody-based immunoassay

Naeem HA, Sapirstein HD\*// \*Univ Manitoba, Dept Food Sci, 250 Ellis Bldg, Winnipeg, Manitoba, Canada R3T 2N2

*J Cereal Sci* 2007 **46** (2) 157

Ultra-fast separation of wheat glutenin subunits, by reversed-phase HPLC using a superficially porous silica-based column

O'Brien GM, Ip AS// Univ Ulster, Northern Ireland Ctr Food & Hlth, Cromore Rd, Coleraine BT52 1SA, Northern Ireland

*Food Chem* 2008 **107** (1) 576

Initial evaluation of a field-friendly incubation procedure for the colorimetric assay of cassava linamarase

Rutherford SM, Schneuwly A, Moughan PJ// Massey University, Institute Food Nutrition & Human Health, Private Bag 11 222, Palmerston North, New Zealand

*J Agric Food Chem* 2007 **55** (20) 8019

Analyzing sulfur amino acids in selected feedstuffs using least-squares nonlinear regression

Shen L, Wang X, Wang Z, Wu Y, Chen J\*// \*Univ Leeds, Procter Dept Food Sci, Leeds LS2 9JT, England

*Food Chem* 2008 **107** (2) 929

Studies on tea protein extraction using alkaline and enzyme methods

Versari A, Parpinello GP, Fabiani A// Univ Bologna, Dipt Sci Alimenti, Pzza Goidanich 60, IT-47023 Cesena, FC, Italy

*J Chromatogr Sci* 2007 **45** (8) 515

Comparison of two quantitation methods in HPLC: Standardless versus calibration with external standards. Application to the analysis of amino acids in fruit juices

Yang HF, Lv XW, Wang J, Li JG, Li H, Qin YC\*// \*Chinese Acad Agric Sci, Feed Research Inst, Zhongguanchun St 12, CN-100081 Beijing, Peoples Rep China

*J Agric Food Chem* 2007 **55** (19) 7667

Near-infrared reflectance spectroscopy-based methods for phytase registration in feed industry

### 4. Carbohydrates

Jan MVS, Guarini M\*, Guesalaga A, Perez-Correa JR, Vargas Y// \*Pontifica Univ Chile, Dept Ing Elect, POB 306, Santiago, Chile

*Food Control* 2008 **19** (1) 31

Ultrasound based measurements of sugar and ethanol concentrations in hydroalcoholic solutions

Li BX, He YZ// Shaanxi Normal Univ, Sch Chem & Materials Sci, Dept Chem, CN-710062 Xian, Peoples Rep China

*Luminescence* 2007 **22** (4) 317

Simultaneous determination of glucose, fructose and lactose in food samples using a continuous-flow chemiluminescence method with the aid of artificial neural networks

Morales V, Corzo N, Sanz ML\*// \*Inst Quim Organ Gen, Juan de la Cierva 3, ES-28006 Madrid, Spain

*Food Chem* 2008 **107** (2) 922

HPAEC-PAD oligosaccharide analysis to detect adulterations of honey with sugar syrups

### 5. Lipids

Buchgraber M, Androni S// European Commission, Inst Reference Materials & Measurements, Directorate Gen Joint Res Ctr, BE-2440 Geel, Belgium

*J AOAC Int* 2007 **90** (5) 1326

Gas-liquid chromatographic determination of milk fat and cocoa butter equivalents in milk chocolate: Interlaboratory study

Calderon FJ, Reeves JB, Foster JG, Clapham WM, Fedders JM, Vigil MF, Henry WB// USDA/ARS, Cent Great Plains Res Stn, 40335 County Rd GG, Akron, Co 80720, USA

*J Agric Food Chem* 2007 **55** (21) 8302

Comparison of diffuse reflectance Fourier transform mid-infrared and near-infrared spectroscopy with grafting-based near-infrared for the determination of fatty acids in forages

Chakraborty K, Raj RP// Cent Marine Fisheries Res Inst, Physiol Nutr & Pathol Div, IN-682018 Cochin, Kerala, India

*J Agric Food Chem* 2007 **55** (18) 7586

Eicosapentaenoic acid enrichment from sardine oil by argentation chromatography

Forina M, Boggia R, Casale M// Univ Genoa, Dipt Chim & Tecnol Farmaceut Alimentari, Via Brigata Salerno 13, IT-16147 Genoa, Italy

*Ann Chim* 2007 **97** (8) 615

The information content of visible spectra of extra virgin olive oil in the characterization of its origin

Garcia-Gonzalez DL, Viera-Macias M, Aparicio-Ruiz R, Morales MT, Aparicio R\*// \*Inst Grasa - CSIC, Unidad Asociada, Anal Caracterizacion Alimentos Grasos, Padre Garcia Tejero 4, ES-41012 Seville, Spain

*J AOAC Int* 2007 **90** (5) 1346

Validation of a method based on triglycerides for the detection of low percentages of hazlenut oil in olive oil by column liquid chromatography

Gasperini G, Fusari E, Bella LD, Bondioli P\*// \*Stazione Sperimentale Oli & Grassi, Technol Dept, Via Giuseppe Colombo 79, IT-20133 Milan, Italy

*Eur J Lipid Sci Technol* 2007 **109** (7) 673

Classification of feeding fats by FT-IR spectroscopy

Guardiola F, Tres A, Codony R, Addis PB, Bergmann SD, Zavoral JH// Univ Barcelona, Fac Pharm, Nutr & Food Sci Unit, CeRTA, Av Joan XXIII s/n, ES-08028 Barcelona, Spain

*Anal Bioanal Chem* 2007 **389** (1) 277

Lack of effect of oral supplementation with antioxidants on cholesterol oxidation product concentration of human plasma, as revealed by an improved gas chromatography method

Hilali M, Charrouf Z\*, Soulihi AEA, Hachimi L, Guillaume D// \*Univ Mohamed V-Agdal, Fac Sci, Lab Chim Plantes & Synthese Organ & Bioorgan, BP 1014 RP, Rabat, Morocco

*J Am Oil Chem Soc* 2007 **84** (8) 761

Detection of argan oil adulteration using quantitative campesterol GC-analysis

- Khajuria RK, Bhardwaj V, Gupta RK, Sharma P, Somal P, Mehta P, Qazi GN// Reg Res Lab, Nat Prod Chem Div, Canal Rd, IN-180001 Jammu, India  
*J Chromatogr Sci* 2007 **45** (8) 519
- Development of a rapid normal-phase LC-positive ion APCI-MS method for simultaneous detection and quantitation of cholesterol, androst-4-ene-3,17-dione, and androsta-1,4-diene-3,17-dione  
*Anal Bioanal Chem* 2007 **389** (1) 241
- Biosynthetic production of universally <sup>13</sup>C-labelled polyunsaturated fatty acids as reference materials for natural health product research  
*Anal Bioanal Chem* 2007 **389** (1) 241
- Lovgren-Sandblom A, Heverin M, Larsson H, Lundstrom E, Wahren J, Diczfalussy U, Bjorkhem I// \*Karolinska Univ Hosp, Div Clin Chem, Huddinge, Sweden  
*J Chromatogr B* 2007 **856** (1-2) 15
- Novel LC-MS/MS method for assay of 7 $\alpha$ -hydroxy-4-cholesten-3-one in human plasma evidence for a significant extrahepatic metabolism  
*Anal Bioanal Chem* 2007 **389** (2) 597
- Stable carbon isotope ratios of methyl-branched fatty acids are different to those of straight-chain fatty acids in dairy products  
*Anal Chim Acta* 2007 **598** (1) 128
- Preliminary study on application of mid infrared spectroscopy for the evaluation of the virgin olive oil "freshness"  
*Anal Chim Acta* 2007 **598** (1) 128
- Vetter W, Gaul S, Thurnhofer S, Mayer K// Univ Hohenheim, Inst Food Chem, Garbenstr 28, DE-70593 Stuttgart, Germany  
*Anal Bioanal Chem* 2007 **389** (2) 597
- Second-order standard addition for deconvolution and quantification of fatty acids of fish oil using GC-MS  
*Talanta* 2007 **73** (1) 30
- Vosough M, Salemi A// Chem & Chem Engn Res Ctr Iran, POB 14335-186, Tehran, Iran  
*Talanta* 2007 **73** (1) 30
- Using mean field approach independent component analysis to fatty acid characterization with overlapped GC-MS signals  
*Anal Chim Acta* 2007 **598** (2) 219
- Wan PJ, Dowd MK\*, Thomas AE, Butler BH// \*USDA/ARS, Stn Reg Res Ctr, 1100 Robert E Lee Blvd, New Orleans, La 70124, USA  
*J Am Oil Chem Soc* 2007 **84** (8) 701
- Trimethylsilyl derivatization/gas chromatography as a method to determine the free fatty acid content of vegetable oils  
*Anal Chim Acta* 2007 **597** (2) 187
- Noji N, Nakamura T, Kitahata N, Taguchi K, Kudo T, Yoshida S, Tsujimoto M, Sugiyama T, Asami T// \*Meiji Univ, Grad Sch Agric, Tokyo 101, Japan  
*J Agric Food Chem* 2007 **55** (18) 7258
- Simple and sensitive method for pyrroloquinoline quinone (PPQ) analysis in various foods using liquid chromatography/electrospray-ionization tandem mass spectrometry  
*Orozco D, Skamarack J, Reins K, Titlow B, Lunetta S\*, Li F, Roman M// \*Eurofins Scientific, 1365 Redwood Way, Petaluma, Ca 94954, USA  
*J AOAC Int* 2007 **90** (5) 1227*
- Determination of ubiquinol-10 in raw materials and dietary supplements by high-performance liquid chromatography with ultraviolet detection: Single-laboratory validation  
*Siluk D, Oliveira RV, Esther-Rodriguez-Rosas M, Ling S, Bos A, Ferrucci L, Wainer IW// \*NIH/NIA, Clin Invest Lab, Baltimore, Md 21224, USA  
*J Pharm Biomed Anal* 2007 **44** (4) 1001*
- A validated liquid chromatography method for the determination of vitamins A and E in human simultaneous plasma  
*Zou XL, Luo LQ, Ding YP\*, Wu QS// \*Shanghai Univ, Dept Chem, CN-200444 Shanghai, Peoples Rep China  
*Electroanalysis* 2007 **19** (17) 1840*
- Chitosan incorporating cetyltrimethylammonium bromide modified glassy carbon electrode for simultaneous determination of ascorbic acid and dopamine  
*Anal Chim Acta* 2007 **598** (1) 187
- ## 7. Trace elements & minerals
- D'Ilio S, Violante N, Senofonte O, Petracci F// \*Ist Super Sanita, Dept Environm & Primary Prevent, Viale Regina Elena 299, IT-00161 Rome, Italy  
*Anal Chim Acta* 2007 **597** (2) 195
- Determination of depleted uranium in fish validation of a confirmatory method by dynamic reaction cell inductively coupled plasma mass spectrometry (DRC-ICP-MS)  
*Dufailly V, Noel L, Fremy JM, Beauchemin D, Guerin T// \*AFSSA & Procedes Agroaliment, FR-94706 Maisons, France  
*J Anal Atom Spectrom* 2007 **22** (9) 1168*
- Optimisation by experimental design of an IEC/ICP-MS speciation method for arsenic in seafood following microwave assisted extraction  
*Heaton K, Kelly SD\*, Hoogewerff J, Woolfe M// \*Inst Food Res, Norwich Res Park, Colney, Norwich NR4 7UA, England  
*Food Chem* 2008 **107** (1) 506*
- Verifying the geographical origin of beef: The application of multi-element isotope and trace element analysis  
*Lopez-Garcia I, Vinas R, Romero-Romero R, Hernandez-Cordoba A// \*Univ Murcia, Fac Chem, Dept Anal Chem, ES-30071 Murcia, Spain  
*Anal Chim Acta* 2007 **597** (2) 187*
- Liquid chromatography-electrothermal atomic absorption spectrometry for the separation and preconcentration of molybdenum in milk and infant formulas  
*Moreda-Pineiro J, Alonso-Rodriguez E, Lopez-Mahia P, Muniategui-Lorenzo S, Prada-Rodriguez D, Moreda-Pineiro A, Bermejo-Barrera P// Univ A Coruna, Fac Sci, Dept Anal Chem, Campus Zapateira s/n, ES-15071 La Coruna, Spain  
*Anal Chim Acta* 2007 **598** (1) 95*
- Development of a new sample pre-treatment procedure based on pressurized liquid extraction for the determination of metals in edible seaweed  
*Suhaj M, Korenovska M// Food Res Inst, Dept Food Anal, Priemyselna 4, SK-82475 Bratislava, Slovak Republic  
*Food Chem* 2008 **107** (1) 551*
- Correlation and distribution of elemental markers of origin in the production of Bryndza sheep cheese  
*Wu H, Jin Y, Luo MB, Bi SP// \*Nanjing Univ, Sch Chem & Chem Engn, Key Lab MoE Life Sci, CN-210093 Nanjing, Peoples Rep China  
*Anal Sci* 2007 **23** (9) 1109*
- A simple and sensitive flow-injection on-line preconcentration coupled with hydride generation atomic fluorescence spectrometry for the determination of ultra-trace lead in water, wine, and rice  
*Anal Chem* 2007 **79** (18) 1959
- ## 6. Vitamins & co-factors
- Convenient analysis of vitamin D in cheese and other food matrixes by liquid chromatography/mass spectrometry  
*Hu L, Yang X, Wang C, Yuan H, Xiao D// \*Sichuan Univ, Coll Chem, CN-610065 Chengdu, Peoples Rep China  
*J Chromatogr B* 2007 **856** (1-2) 245*
- Determination of riboflavin in urine and beverages by capillary electrophoresis with in-column optical fiber laser-induced fluorescence detection  
*Korolczuk M, Tyszcuk K// Marie Curie Sklodowska Univ, Fac Chem, PL-20031 Lublin, Poland  
*Electroanalysis* 2007 **19** (18) 1959*
- Determination of folic acid by adsorptive stripping voltammetry at a lead film electrode  
*Magalhaes PJ, Carvalho DO, Guido LF\*, Barros AA// Univ Porto, Fac Ciencias, Dept Quim, REQUIMTE, Rua Campo Alegre 687, PT-4169-007 Oporto, Portugal  
*J Agric Food Chem* 2007 **55** (20) 7995*
- Detection and quantification of provitamin D<sub>2</sub> and vitamin D<sub>2</sub> in hop (*Humulus lupulus* L.) by liquid chromatography-diode array detection-electrospray ionization tandem mass spectrometry  
*Nagy K, Courtet-Compondu MC, Holst B, Kussmann M// Nestle Res Ctr, CH-1000 Lausanne, Switzerland  
*Anal Chem* 2007 **79** (18) 7087*
- Comprehensive analysis of vitamin E constituents in human plasma by liquid chromatography-mass spectrometry  
*Anal Bioanal Chem* 2007 **389** (1) 241
- ## 8. Drug, biocide & processing residues
- Abad FC, Winck PR, Benvenutti EV, Peralba MDR, Caramao EB, Zini CA// \*Univ Fed Rio Grande do Sul, Inst Chem, Lab Quim Anal Ambiental & Oleoquim, CP 15003, BR-91501 Porto Alegre, RS, Brazil  
*J Sep Sci* 2007 **30** (13) 2109
- p*-Nitro-N-propylaniline/silica: Synthesis, characterization, and its application in matrix solid phase dispersion for multiresidue analysis of pesticides in carrots  
*Alves SP, Brum DM, Branco de Andrade EC, Pereira Netto AD// \*Univ Fed Fluminense, Inst Quim, Dept Quim Anal, Outeiro de Sao Joao Batista s/n, BR-24200 Valongo, Centro-Niteroi-RJ, Brazil  
*Food Chem* 2008 **107** (1) 489*
- Determination of synthetic dyes in selected foodstuffs by high performance liquid chromatography with UV-DAD detection  
*Anal Bioanal Chem* 2007 **389** (1) 241

- Anli E, Vural N, Vural H, Guer Y// Ankara Univ, Fac Engn, Dept Food Engn, TR-06110 Ankara, Turkey  
*J Inst Brew* 2007 **113** (2) 213
- Application of solid-phase micro-extraction (SPME) for determining residues of chlorpyrifos and chlorpyrifos-methyl in wine with gas chromatography (GC)
- Babin Y, Fortier S// Minist Agric Peches & Alimentat Quebec, Laboratoire Expertises & Anal Alimentaires, 2700 Einstein, C2 105, Ste Foy, Quebec, Canada G1P 3W8  
*J AOAC Int* 2007 **90** (5) 1418
- A high-throughput analytical method for determination of aminoglycosides in veal tissues by liquid chromatography/tandem mass spectrometry with automated cleanup
- Barbini DA, Stefanelli P, Girolimetti S, Di Muccio A, Dommarco R// Ist Superiore Sanita, Dipt Ambiente & Connessa Prevenzione Primaria, Viale Reina Elena 299, IT-00161 Rome, Italy  
*Bull Environ Contam Toxicol* 2007 **79** (2) 226
- Determination of toxaphene residues in fish foodstuff by GC-MS
- Barkatina EN, Zastenskaya IA, Shulyakovskaya OV, Pertsovskii AL, Bunevich NV, Fedorova TA// Ministry Public Health Republic Belarus, GU Republican Research & Applied Ctr Hygiene, ul Akademicheskaya 8, BY-220012 Minsk, Belarus  
*J Anal Chem Engl Tr* 2007 **62** (9) 868
- Simultaneous determination of residual polychlorinated biphenyls and organochlorine pesticides in fish and fish products by gas-liquid chromatography
- Bock C, Gowik P, Stachel C// AstraZeneca, Discovery DMPK, 1800 Concord Pike, Wilmington, De 19803, USA  
*J Chromatogr B* 2007 **856** (1-2) 178
- Matrix-comprehensive in-house validation and robustness check of a confirmatory method for the determination of four nitrofuran metabolites in poultry muscle and shrimp by LC-MS/MS
- Buddhadasa SC, Mishra V, Matta AK, Santhakumar N// Natl Measurement Inst, 51-65 Clark St, South Melbourne, Vic 3205, Australia  
*Food Aust* 2007 **59** (9) 439
- Measurement of Sudan dyes I, II, III and IV residues in chilli powder
- Cheng XH, Zhang ZJ\*, Tian SK// \*Shaanxi Normal Univ, Sch Chem & Mat Sci, CN-710062 Xian, Peoples Rep China  
*Spectrochim Acta A Mol Biol Spectrosc* 2007 **67** (5) 1270
- A novel long path length absorbance spectroscopy for the determination of ultra trace organophosphorus pesticides in vegetables and fruits
- Chu S, Metcalfe CD// \*Trent Univ, Worsfold Water Qual Ctr, Peterborough, Ontario, Canada K9J 7B8  
*J Chromatogr A* 2007 **1163** (1-2) 112
- Analysis of paroxetine, fluoxetine and norfluoxetine in fish tissues using pressurized liquid extraction, mixed mode solid phase extraction cleanup and liquid chromatography-tandem mass spectrometry
- Connolly L, Thompson CS, Haughey SA, Traynor IA, Tittlemeier S, Elliott CT// Queen's Univ Belfast, Inst Agrifood & Land Use, David Keir Bldg, Stranmillis Rd, Belfast BT9 5AG, Northern Ireland  
*Anal Chim Acta* 2007 **598** (1) 155
- The development of a multi-nitroimidazole residue analysis assay by optical biosensor via a proof of concept project to develop and assess a prototype test kit
- De la Pena AM, Diez NM, Garcia MCM, Gil DB, Canada-Canada F// Univ Extremadura, Fac Sci, Dept Anal Chem, ES-06071 Badajoz, Spain  
*Talanta* 2007 **73** (2) 304
- A chemometric sensor for determining sulphaguanidine residues in honey samples
- Fenoll J, Hellin P, Lopez J, Gonzalez A, Flores P// IMIDA, C/ Mayor s/n, ES-30150 La Alberca, Spain  
*Anal Bioanal Chem* 2007 **389** (2) 643
- Simplified multiresidue method for the determination of pesticide residues in lettuce by gas chromatography with nitrogen-phosphorus detection
- Ferrer I, Thurman EM, Zweigenbaum JA// Univ Almeria, Pesticide Residue Res Grp, Almeria, Spain  
*Rapid Commun Mass Spectrom* 2007 **21** (23) 3869
- Screening and confirmation of 100 pesticides in food samples by liquid chromatography/tandem mass spectrometry
- Frenich AG, Moreno JL, Vidal JLM, Liebanas FJA// University Almeria, Department Anal Chem, Res Grp Anal Chem Contaminants, ES-04071 Almeria, Spain  
*J Agric Food Chem* 2007 **55** (21) 8346
- Application of gas chromatography coupled to triple quadrupole mass spectrometry for the multiresidue analysis of pesticides in olive oil
- Gil-Vergara A, Blasco C, Pico Y// \*Univ Valencia, Fac Farm, Lab Bromatol, Av Vincent Andres s/n, ES-46100 Valencia, Spain  
*Anal Bioanal Chem* 2007 **389** (2) 605
- Determination of 2-isopropyl thioxanthone and 2-ethylhexyl-4-dimethylaminobenzoate in milk: Comparison of gas and liquid chromatography with mass spectrometry
- Hengel MJ, Miller MJ// Univ Calif Davis, Dept Environm Toxicol, 1 Shields Ave, Davis, Ca 95616, USA  
*J Agric Food Chem* 2007 **55** (20) 8033
- Analysis of flonicamid and its metabolites in dried hops by liquid chromatography-tandem mass spectrometry
- Jezussek M, Munch F, Giltsbach W// Bayer Landesamt Gesundheit & Lebensmittelsicherheit, Eggenereuther Weg 43, DE-91058 Erlangen, Germany  
*Dtsch Lebensm Rundsch* 2007 **103** (9) 405
- LC-MS/MS determination of pesticide residues in wine - Comparison of direct measurement with two work-up procedures (German, English Abstract)
- Kaklamanos G, Theodoridis G\*, Papadoyannis IN, Dabalas T// \*Vet Lab Serres, Terma Omonoias, GR-62110 Serres, Greece  
*J Agric Food Chem* 2007 **55** (21) 8325
- Determination of anabolic steroids in muscle tissue by liquid chromatography-tandem mass spectrometry
- Li L, Zhang HY, Pan CP, Zhou ZQ, Jiang SR, Liu FM// \*China Agric Univ, Coll Sci, Dept Appl Chem, CN-100094 Beijing, Peoples Rep China  
*J Sep Sci* 2007 **30** (13) 2097
- Multiresidue analytical method of pesticides in peanut oil using low-temperature cleanup and dispersive solid phase extraction by GC-MS
- Li L, Xu YJ, Pan CP, Zhou ZQ, Jiang SR, Liu FM// \*Address as above  
*J AOAC Int* 2007 **90** (5) 1387
- Simplified pesticide multiresidue analysis of soybean oil by low-temperature cleanup and dispersive solid-phase extraction coupled with gas chromatography/mass spectrometry
- Lin H, Li G, Wu K// \*Huazhong Univ Sci Technol, Dept Chem, Hubei Key Lab Bioinorgan Chem & Materia Med, CN-430074 Wuhan, Peoples Rep China  
*Food Chem* 2008 **107** (1) 531
- Electrochemical determination of Sudan I using montmorillonite calcium modified carbon paste electrode
- Liu HY, Hao YH, Ren JJ, He PG\*, Fang YZ// \*East China Normal Univ, Dept Chem, CN-200062 Shanghai, Peoples Rep China  
*Luminescence* 2007 **22** (4) 302
- Determination of tsumacide residues in vegetable samples using a flow-injection chemiluminescence method
- Liu Y, Xu JZ, Ding T, Li GH// Jiangsu Entry Exit Inspect & Quarantine Bureau, Food Lab, CN-210001 Nanjing, Peoples Rep China  
*Chin J Chem* 2007 **25** (9) 1294
- Determination of tetracyclines in honey using liquid chromatography with ultraviolet absorbance detection and residue confirmation by mass spectrometry
- Markoglou AN, Bempelou ED, Liapis KS, Ziogas BN// Agric Univ Athens, Lab Pesticide Sci, GR-11855 Athens, Greece  
*J AOAC Int* 2007 **90** (5) 1395
- Determination of benzoylurea insecticide residues in tomatoes by high-performance liquid chromatography with ultraviolet-diode array and atmospheric pressure chemical ionization-mass spectrometry detection
- Martin BS, Cornejo J, Iraguen D, Hidalgo H, Anadon A// Univ Chile, Coll Vet Sci, Lab Vet Pharmacol, Santiago, Chile  
*J Food Prot* 2007 **70** (8) 1952
- Depletion study of enrofloxacin and its metabolite ciprofloxacin in edible tissues and feathers of white leghorn hens by liquid chromatography coupled with tandem mass spectrometry
- Mathew SB, Pillai AK, Gupta VK// Government VYTPG Autonomous Coll, Dept Chem, IN-491001 Chhattisgarh, India  
*Spectrochim Acta A Mol Biol Spectrosc* 2007 **67** (5) 1430
- A rapid spectrophotometric assay of some organophosphorus pesticide residues in vegetable samples
- Nerin C, Asensio E// Univ Zaragoza, Anal Chem Dept, CPS-Edif Torres Quevedo, C/ Maria de Luna 3, ES-50018 Zaragoza, Spain  
*Anal Bioanal Chem* 2007 **389** (2) 589
- Migration of organic compounds from a multilayer plastic-paper material intended for food packaging
- Petigara BR, Scher AL// \*US/FDA, Office Cosmetics & Colors, HFS-106, 5100 Paint Branch Pkwy, College Park, Md 20740, USA  
*J AOAC Int* 2007 **90** (5) 1373
- Direct method for determination of Sudan I in FD&C Yellow No. 6 and D&C Orange No. 4 by reversed-phase liquid chromatography
- Reybrouck W, Ooghe S, De Brabander H, Daeseleire E// Inst Agric & Fisheries Res, Technol & Food Unit, Brusselsesteenweg 370, BE-9090 Melle, Belgium  
*J Agric Food Chem* 2007 **55** (21) 8359
- Validation of the tetrasensor honey test kit for the screening of tetracyclines in honey
- Reyns T, De Boever S, De Baere S, De Backer P, Croubels S// Univ Ghent, Fac Vet Med, Dept Pharmacol Toxicol Biochem & Organ Physiol, Salisburylaan 133, BE-9820 Merelbeke, Belgium  
*Anal Chim Acta* 2007 **597** (2) 282
- Quantitative analysis of clavulanic acid in porcine tissues by liquid chromatography combined with electrospray ionization tandem mass spectrometry

- Rodil R, Schellin M, Popp P// Univ A Coruna, Dept Anal Chem, Campus Zapateira, ES-15071 La Coruna, Spain  
*J Chromatogr A* 2007 **1163** (1-2) 288
- Analysis of polycyclic-aromatic hydrocarbons in water and beverages using membrane-assisted solvent extraction in combination with large volume injection-gas chromatography-mass spectrometric detection
- Scalas D, Squadrone S\*, Gili M, Marchis D, Prearo M, Abete MC// \*Inst Zootrofopatologico Sperimentale Piemonte, Via Bologna, 148, IT-10154 Turin, Italy  
*J AOAC Int* 2007 **90** (5) 1427
- Validation of a dissociation enhanced lanthanide fluorescence immunoassay for the screening of 17 β-estradiol in bovine serum according to European Union Decision 2002/657/EC
- Ueno E, Saito I// Aichi Prefectural Inst Publ Hlth, 7-6 Nagare, Kita ku, Nagoya, Aichi 462 8576, Japan  
*J Food Hyg Soc Jpn* 2007 **48** (4) J273
- Application of gel permeation chromatography for pesticide residues analysis in food (Japanese)
- Van Leeuwen SPJ, Leonards PEG, Traag WA, Hoogenboom LAP, De Boer J// Vrije Univ Amsterdam, Inst Environ Studies, Boelelaan 1087, NL-1081 HV Amsterdam, The Netherlands  
*Anal Bioanal Chem* 2007 **389** (1) 321
- Polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls in fish from the Netherlands: Concentrations, profiles and comparison with DR CALUX® bioassay results
- Wu YL, Li C, Liu YI, Shen JZ// China Agr Univ, Coll Vet Med, CN-100094 Beijing, Peoples Rep China  
*Chromatographia* 2007 **66** (3-4) 191
- Validation method for the determination of sulfonamide residues in bovine milk by HPLC
- Yoshida I, Isagawa S, Kibune N, Hamano-Nagaoka M, Maitani T// Japan Food Res Labs, 7-4-41 Asagi, Ibaraki, Osaka 567 0085, Japan  
*J Food Hyg Soc Jpn* 2007 **48** (4) 83
- Rapid and improved determination of furan in baby foods and infant formulas by headspace GC/MS
- You J, Zhang H, Zhang H, Yu A, Xiao T, Wang Y, Song D\*// \*Jilin Univ, Coll Chem, CN-130012 Changchun, Peoples Rep China  
*J Chromatogr B* 2007 **856** (1-2) 278
- Determination of triazines in infant nutrient cereal-based foods by pressurized microwave-assisted extraction coupled with high-performance liquid chromatography-mass spectrometry
- 9. Toxins/Allergens**
- Campbell K, Stewart LD, Doucette GJ, Fodey TL, Haughey SA, Vilarino N, Kawatsu K, Elliott CT// Queens Univ Belfast, Inst Agric Food & Land Use, David Keir Bldg, Strammillis Rd, Belfast BT9 5AG, Northern Ireland  
*Anal Chem* 2007 **79** (15) 5906
- Assessment of specific binding proteins suitable for the detection of paralytic shellfish poisons using optical biosensor technology
- Cramer B, Bretz M, Humpf HU\*// \*Univ Munster, Inst Lebensmittelchem, Corrensstr 45, DE-48149 Munster, Germany  
*J Agric Food Chem* 2007 **55** (21) 8353
- Stable isotope dilution analysis for the *Fusarium* mycotoxin zearalenone
- Doucet E, Ross NN, Quilliam MA\*// \*Natl Res Council Canada, Inst Marine Biosci, 1411 Oxford St, Halifax, Nova Scotia, Canada B3H 3Z1  
*Anal Bioanal Chem* 2007 **389** (1) 335
- Enzymatic hydrolysis of esterified diarrhetic shellfish poisoning toxins and pectenotoxins
- Fernandez M, Linares DM, Del Rio B, Ladero V, Alvarez MA\*// \*IPLA - CSIC, Carretera Infesto s/n, ES-33300 Villaviciosa, Spain  
*J Dairy Res* 2007 **74** (3) 276
- HPLC quantification of biogenic amines in cheeses: Correlation with PCR-detection of tyramine-producing microorganisms
- Garcia-Villar N, Hernandez-Cassou S, Saurina J// Univ Barcelona, Dept Anal Chem, ES-08028 Barcelona, Spain  
*J Agric Food Chem* 2007 **55** (18) 7453
- Characterization of wines through the biogenic amine contents using chromatographic techniques and chemometric data analysis
- Guzman EMQ, Guerrero FA, Chaves JA// Univ Costa Rica, Ctr Invest Tecnol Alimentos, San Jose, Costa Rica  
*Arch Latinoamer Nutr* 2007 **57** (2) 168
- Ochratoxin A in human plasma and coffee from Costa Rica by ELISA (Spanish, English Abstract)
- Juan C, Molto JC, Lino CM, Manes J// Univ Valencia, Fac Pharm, Lab Food Chem & Toxicol, Burjassot, Spain  
*Food Chem* 2008 **107** (1) 525
- Determination of ochratoxin A in organic and non-organic cereals and cereal products from Spain and Portugal
- Juan C, Lino CM\*, Pena A, Molto JC, Manes J, Silveira I// \*Univ Coimbra, Fac Pharm, Grp Bromatol, CEF, Rua Norte s/n, PT-3000-295 Coimbra, Portugal  
*Talanta* 2007 **73** (2) 246
- Determination of ochratoxin A in maize bread samples by LC with fluorescence detection
- Latorre-Moratalla ML, Veciana-Nogues T, Bover-Cid S, Garriga M, Aymerich T, Zanardi E, Ianieri A, Fraqueza MJ, Patarata L, Drosinos EH, Laukova A, Talon R, Vidal-Carou MC\*// \*Univ Barcelona, Fac Farm, Dept Nutr & Bromatol, Av Joan XXIII s/n, ES-08028 Barcelona, Spain  
*Food Chem* 2008 **107** (2) 912
- Biogenic amines in traditional fermented sausages produced in selected European countries
- Llamas NM, Stewart L, Fodey T, Higgins HC, Velasco MLR, Botana LM, Elliott CT\*// \*Queens Univ Belfast, Inst Agric Food & Land Use, Strammillis Rd, Belfast BT9 5AG, Northern Ireland  
*Anal Bioanal Chem* 2007 **389** (2) 581
- Development of a novel immunobiosensor method for the rapid detection of okadaic acid contamination in shellfish extracts
- Maraldo D, Mutharasan R\*// \*Drexel Univ, Coll Med, Dept Biol & Chem Engn, Philadelphia, PA 19104, USA  
*Anal Chem* 2007 **79** (20) 7636
- Detection and confirmation of staphylococcal enterotoxin B in apple juice and milk using piezoelectric-excited millimeter-sized cantilever sensors at 2.5 fg/mL
- Murillo MT, Gonzalez-Penas E\*, Amezqueta S, De Cerain AL// \*Univ Navarra, Fac Pharm, Organ & Pharmaceut Chem Dept Ed CIFA, C/ Irúnlarrea s/n, ES-31008 Pamplona, Spain  
*J Sci Food Agric* 2007 **87** (11) 2164
- In-house validation of a high-performance liquid chromatography analytical method for quantification of ochratoxin A in unfermented grape juice
- Toscani T, Moseriti A, Dossena A, Asta CD, Simoncini N, Virgili R\*// \*Stazione Sperimentale Ind Conserve Aliment, Vle F Tanara 31/A, IT-43100 Parma, Italy  
*J Chromatogr B* 2007 **855** (2) 242
- Determination of ochratoxin A in dry-cured meat products by a HPLC-FLD quantitative method
- Wang J, Zhou Y, Wang Q\*// \*Zhejiang Univ, Dept Horticult, State Agric Minist Lab Horticult Plant Growth Dev & Biotechnol, CN-310029 Hangzhou, Peoples Rep China  
*Food Chem* 2008 **107** (2) 970
- Analysis of mycotoxin fumonisins in corn products by high-performance liquid chromatography coupled with evaporative light scattering detection
- Xie LQ, Park HD\*// \*Shinshu Univ, Fac Sci, Dept Environm Sci, Matsumoto, Nagano 390 8621, Japan  
*Aquaculture* 2007 **271** (1-4) 530
- Determination of microcystins in fish tissues using HPLC with a rapid and efficient solid phase extraction
- 10. Additives**
- Ji FD, Ji BP\*, Li B// \*China Agric Univ, Coll Food Sci & Nutr Engn, PO Box 294, 17 Qinghua East Rd, CN-100083 Beijing, Peoples Rep China  
*J Food Sci Technol Mysore* 2007 **44** (5) 491
- Column coated with cetyltrimethylammonium for simultaneous determination of nitrate and nitrite in pickles by ion chromatography
- Lozano VA, Camina JM\*, Boeris MS, Marchevsky EJ// \*Univ Nacl La Pampa, Dept Quim, Av Uruguay 151, AR-6300 Santa Rosa, La Pampa, Argentina  
*Talanta* 2007 **73** (2) 282
- Simultaneous determination of sorbic and benzoic acids in commercial juices using the PLS-2 multivariate calibration method and validation by high performance liquid chromatography
- Mirzaie A, Jamshidi A, Husain SW\*// \*Islam Azad Univ, Fac Food Sci & Technol, Sci & Res Campus, POB 14515-775, Tehran, Iran  
*J Planar Chromatogr Mod TLC* 2007 **20** (4) 303
- Quantitative ion-exchange TLC of *p*-hydroxybenzoic acid in the presence of preservatives
- Verma SK, Deb MK\*// \*Pt Ravishankar Shukla Univ, Sch Studies Chem, IN-492010 Raipur, India  
*J Agric Food Chem* 2007 **55** (21) 8319
- Single-drop and nanogram level determination of sulfite ( $\text{SO}_3^{2-}$ ) in alcoholic and nonalcoholic beverage samples based on diffuse reflectance Fourier transform infrared spectroscopic (DRS-FTIR) analysis on KBr matrix
- 11. Flavours & aromas**
- Akwama M, Murakami K, Ikeda M, Iwatsuki K, Wada A, Tokuno K, Onishi M, Iwabuchi H// Milk Ind Co Ltd, 5-1-83 Higashihara, Kanagawa 228 8538, Japan  
*J Food Sci* 2007 **72** (7) C388
- Analysis of the headspace volatiles of freshly brewed arabica coffee using solid-phase microextraction

- Balasubramanian S, Panigrahi S\*, Kottapalli B, Wolf-Hall CE// \*Nth Dakota State Univ, Dept Agric & Biosyst Engn, 1221 Albrecht Blvd, POB 5626, Fargo, ND 58105, USA  
*LWT Food Sci Technol* 2007 **40** (10) 1815  
 Evaluation of an artificial olfactory system for grain quality discrimination
- Caboni P, Sarais G, Cabras M, Angioni A// Univ Cagliari, Dipt Tossicologia, Via Ospedale 72, IT-09124 Cagliari, Italy  
*J Agric Food Chem* 2007 **55** (18) 7288  
 Determination of 4-ethylphenol and 4-ethylguaiacol in wines by LC-MS-MS and HPLC-DAD-fluorescence
- Chavez-Servin JL, Castellote AI, Lopez-Sabater MC\*// \*Univ Barcelona, Fac Pharm, Dept Nutr & Food Sci, Food Technol Ref Ctr, Av Joan XXIII s/n, ES-08028 Barcelona, Spain  
*Food Chem* 2008 **107** (1) 558  
 Volatile compounds and fatty acid profiles in commercial milk-based infant formulae by static headspace gas chromatography: Evolution after opening the packet
- Coelho E, Rocha SM, Delgadillo I, Coimbra MA// Univ Aveiro, Dept Quim, PT-3810-193 Aveiro, Portugal  
*Anal Chim Acta* 2007 **597** (2) 257  
 Screening of variety- and pre-fermentation-related volatile compounds during ripening of white grapes to define their evolution profile
- Edirisinghe RKB, Graham AJ, Taylor SJ// Univ Greenwich, Nat Resources Inst, Chatham ME4 4TB, England  
*Int J Food Sci Technol* 2007 **42** (10) 1139  
 Characterisation of the volatiles of yellowfin tuna (*Thunnus albacares*) during storage by solid phase microextraction and GC-MS and their relationship to fish quality parameters
- Falcão LD, De Revel G, Rosier JP, Bordignon-Luiz MT\*// \*CAL/CCA/UFSC, Dept Ciencia & Tecnol Alimentos, Rodovia Admar Gonzaga 1346, Itacorubi, BR-88034-001 Florianopolis, SC, Brazil  
*Food Chem* 2008 **107** (1) 497  
 Aroma impact components of Brazilian Cabernet Sauvignon wines using detection frequency analysis (GC-olfactometry)
- Flores M, Hernandez D// Inst Agroquim & Tecnol Alimentos, PO Box 73, ES-46100 Burjassot, Spain  
*J Agric Food Chem* 2007 **55** (21) 8688  
 Optimization of multiple headspace solid-phase microextraction for the quantification of volatile compounds in dry fermented sausages
- Fu J, Li G\*, Qin Y, Freeman WJ// \*Zhejiang Univ, Natl Lab Ind Control Technol, CN-310027 Hangzhou, Peoples Rep China  
*Sensor Actuator B Chem* 2007 **125** (2) 489  
 A pattern recognition method for electronic noses, based on an olfactory neural network
- Horak T, Kellner V, Culik J, Jurkova M, Cejka P// Brewing Institute Prague, Research Inst Brewing & Malting PLC, Lipova 15, CZ-12044 Prague, Czech Republic  
*J Inst Brew* 2007 **113** (2) 154  
 Determination of some beer flavours by stir bar sorptive extraction and solvent back extraction
- Jetti RR, Yang E, Kurnianta A, Finn C, Qian MC// Oregon State Univ, Dept Food Sci & Technol, Corvallis, Or 97330, USA  
*J Food Sci* 2007 **72** (7) S487  
 Quantification of selected aroma-active compounds in strawberries by headspace solid-phase microextraction gas chromatography and correlation with sensory descriptive analysis
- Klimankova E, Holadova K\*, Hajsova J, Cajka T, Poustka J, Koudela M// \*Inst Chem Technol Prague, Fac Food & Biochem Technol, Dept Food Chem & Anal, Technicka 3, CZ-16628 Prague 6, Czech Republic  
*Food Chem* 2008 **107** (1) 464  
 Aroma profiles of five basil (*Ocimum basilicum* L.) cultivars grown under conventional and organic conditions
- Lee S, Khoo C, Halstead CW, Huynh T, Bensoussan A// Univ Western Sydney, Herbal Anal Lab, Ctr Complementary Med Res, Locked Bag 1797, Penrith, NSW, Australia  
*J AOAC Int* 2007 **90** (5) 1219  
 Liquid chromatographic determination of 6-, 8-, 10-gingerol, and 6-shogaol in ginger (*Zingiber officinale*) as the raw herb and dried aqueous extract
- Li C, Heinemann PH\*, Irudayaraj J// \*Pennsylvania State Univ, 249 Agric Engn Bldg, University Park, Pa 16802, USA  
*Trans ASABE* 2007 **50** (4) 1417  
 Detection of apple deterioration using an electronic nose and zNose™
- Li CY, Heinemann P, Sherry R// Univ Illinois Urbana-Champaign, Dept Agric & Biol Engn, 376C AESB, MC-644, 1304 West Pennsylvania Ave, Urbana, IL 61801, USA  
*Sensor Actuator B Chem* 2007 **125** (1) 301  
 Neural network and Bayesian network fusion models to fuse electronic nose and surface acoustic wave sensor data for apple defect detection
- Marsili RT, Laskonis LC, Kenaan C// Rockford College, Marsili Consulting Group, Starr Science Building, 5050 East State Street, Rockford, Illinois 61108, USA  
*J Am Soc Brew Chemist* 2007 **65** (3) 129  
 Evaluation of PDMS-based extraction techniques and GC-TOFMS for the analysis of off-flavor chemicals in beer
- Morlock GE, Prabha S// Univ Hohenheim, Inst Food Chem, Garbenstr 28, DE-70599 Stuttgart, Germany  
*J Agric Food Chem* 2007 **55** (18) 7217  
 Analysis and stability of sucralose in a milk-based confection by a simple planar chromatographic method
- Ni F, Ammann J, Mabud A// US Department Treasury, Alcohol & Tobacco Tax & Trade Bureau, National Lab Ctr, 6000 Ammendale Rd, Beltsville, Md 20705, USA  
*J AOAC Int* 2007 **90** (5) 1365  
 Monitoring stevioside in soju by high-performance liquid chromatography and liquid chromatography/mass spectrometry
- Ruiz del Castillo ML, Flores G, Herraiz M// Consejo Super Invest Cientificas, Inst Fermentaciones Ind, C/ Juan de la Cierva 3, ES-28006 Madrid, Spain  
*Food Chem* 2008 **107** (1) 545  
 On-line RPLC-GC analysis of terpenes using polydimethylsiloxane as a packing material
- Schwertner HA, Rios DC// 2200 Bergquist Drive, Lackland AFB, Tx 78236, USA  
*J Chromatogr B* 2007 **856** (1-2) 41  
 High-performance liquid chromatographic analysis of 6-gingerol, 8-gingerol, 10-gingerol, and 6-shogaol in ginger-containing dietary supplements, spices, teas, and beverages
- Solis-Solis HM, Calderon-Santoyo M, Gutierrez-Martinez P, Schorr-Galindo S, Ragazzo-Sanchez JA\*// \*Instituto Tecnologia Tepic, Lab Integral Invest Alimentos, Tecnologico 2595, Colonia Lagos Cty, MX-63175 Tepic, Nayarit, Mexico  
*Sensor Actuator B Chem* 2007 **125** (2) 415  
 Discrimination of eight varieties of apricot (*Prunus armeniaca*) by electronic nose, LLE and SPME using GC-MS and multivariate analysis
- Suman M, Riani G, Dalcanale E// Barilla GR Flli SpA, R&D Ctr Res Labs, Via Mantova 166, IT-43100 Parma, Italy  
*Sensor Actuator B Chem* 2007 **125** (1) 40  
 MOS-based artificial olfactory system for the assessment of egg products freshness
- Thao NT, Kashiwagi T, Sawamura M\*// \*Kochi University, Faculty Agriculture, Department Bioresource Science, B-200 Monobe, Nanko ku, Kochi 783, Japan  
*Biosci Biotechnol Biochem* 2007 **71** (9) 2155  
 Characterization by GC-MS of Vietnamese citrus species and hybrids based on the isotope ratio of monoterpenes hydrocarbons
- Tigrine-Kordjani N, Chemat F, Meklati BY, Tuduri L, Giraudel JL, Montury M\*// \*Univ Bordeaux 1-CNRS, UMR 5255 - ISM, Site Universitaire, FR-2401943 Perpignan, France  
*Anal Bioanal Chem* 2007 **389** (2) 631  
 Relative characterization of rosemary samples according to their geographical origins using microwave-accelerated distillation, solid-phase microextraction and Kohonen self-organizing maps
- Weldegergis BT, Treduox AGJ, Crouch AM\*// \*Univ Stellenbosch, Dept Chem & Polymer Sci, Private Bag XI, Matieland, ZA-7602 Stellenbosch, Rep Sth Africa  
*J Agric Food Chem* 2007 **55** (21) 8696  
 Application of a headspace sorptive extraction method for the analysis of volatile components in South African wines
- Zhu SK, Lu X, Ji KH, Guo KF, Li YL, Wu CY, Xu GW\*// \*Chinese Acad Sci, Dalian Inst Chem Phys, Natl Chromatogr R&A Ctr, CN-116023 Dalian, Peoples Rep China  
*Anal Chim Acta* 2007 **597** (2) 340  
 Characterization of flavor compounds in Chinese liquor Moutai by comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry
- Zou X, Zhao J// Jiangsu Univ, Agric Prod Processing & Storage Lab, CN-212013 Zhenjiang, Jiangsu, Peoples Rep China  
*Food Chem* 2008 **107** (1) 120  
 Comparative analysis of apple aroma by a tin-oxide gas sensor array device and GC/MS

## 12. Organic acids

- Santalad A, Teerapornchaisit P, Burakham R, Srijaranai S\*// \*Khon Kaen University, Fac Sci, Dept Chem, 123 Mitrapab Rd, TH-40002 Khon Kaen, Thailand  
*LWT Food Sci Technol* 2007 **40** (10) 1741  
 Capillary zone electrophoresis of organic acids in beverages

### 13. Animal products

- Bandara WMMS, Silva LP, Rajapaksha WRAKJS// Inst Fundamental Studies, Hantana Rd, Kandy, Sri Lanka  
*Indian Vet J* 2007 **84** (8) 842
- Sensitivity of PCR assay technique for processed meat
- Camin F, Bontempo L, Heinrich K, Horacek M, Kelly SD\*, Schlicht C, Thomas F, Monahan FJ, Hoogewerff J, Rossmann A// \*Inst Food Res, Norwich Res Pk, Norwich NR4 7UA, England  
*Anal Bioanal Chem* 2007 **389** (1) 309
- Multi-element (H, C, N, S) stable isotope characteristics of lamb meat from different European regions
- Fernandez-Tajes J, Mendez J// \*Univ A Coruna, Fac Sci, Dept Cell & Mol Biol, ES-15071 La Coruna, Spain  
*J Agric Food Chem* 2007 **55** (18) 7278
- Identification of the razor clam species *Ensis arcuatus*, *E. siliqua*, *E. directus*, *E. macha*, and *Solen marginatus* using PCR-RFLP analysis of the 5S rDNA region
- Gonzalez-Miret ML, Ayala F, Terrab A, Echavarri JF, Negueruela AI, Heredia FJ// \*Univ Seville, Fac Pharm, Dept Nutr & Food Sci, Lab Food Colour & Qual, ES-41012 Seville, Spain  
*Food Res Int* 2007 **40** (8) 1080
- Simplified method for calculating colour of honey by application of the characteristic vector method
- Michelini E, Cevenini L, Mezzanotte I, Simoni P, Baraldini M, De Laude L, Roda A// \*S Orsola-Malpighi Hosp, Dept Pharmaceut Sci, CRBA, Via Belmerloro 6, IT-40138 Bologna, Italy  
*J Agric Food Chem* 2007 **55** (19) 7638
- One-step triplex-polymerase chain reaction assay for the authentication of yellowfin (*Thunnus albacares*), bigeye (*Thunnus obesus*), and skipjack (*Katsuwonus pelamis*) tuna DNA from fresh, frozen, and canned tuna samples
- Pillonel L, Dufour E, Schaller E, Bosset JO, De Baerdemaeker J, Karoui R// Katholieke Univ Leuven, Dept Biosyst, Div Mechatronics Biostat & Sensors, Kasteelpark Arenberg 30, BE-3001 Heverlee, Belgium  
*Eur Food Res Technol* 2007 **226** (1-2) 63
- Prediction of colour of European Emmenthal cheeses by using near infrared spectroscopy: A feasibility study
- Prado M, Berben G, Fumiere O, Van Duijn G, Mesinga-Kruize J, Reaney S, Boix A, Von Holst C// European Commission, Inst Reference Materials & Measurements, Directorate Gen Joint Res Ctr, Geel, Belgium  
*J Agric Food Chem* 2007 **55** (18) 7495
- Detection of ruminant meat and bone meals in animal feed by real-time polymerase chain reaction: Result of an interlaboratory study
- Ruiz-Matute A, Soria AC, Martinez-Castro I, Sanz ML// \*Inst Quim Organ Gen - CSIC, Juan Cierva 3, ES-28006 Madrid, Spain  
*J Agric Food Chem* 2007 **55** (18) 7264
- A new methodology based on GC-MS to detect honey adulteration with commercial syrups
- Tian Y, Xie M\*, Wang W, Wu H, Fu Z, Lin L// \*Nanchang Univ, MoE Key Lab Food Sci, CN-330047 Nanchang, Peoples Rep China  
*Eur Food Res Technol* 2007 **226** (1-2) 311
- Determination of carnosine in Black-Bone Silky Fowl (*Gallus gallus domesticus* Brisson) and common chicken by HPLC
- Werner MT, Faeste CK, Egaas E// Natl Vet Inst, POB 8156 Dep, NO-0033 Oslo, Norway  
*J Agric Food Chem* 2007 **55** (20) 8025
- Quantitative sandwich ELISA for the determination of tropomyosin from crustaceans in foods

### 14. Plant & microbial products

- Akin EB, Karabulut I, Topcu A// \*Hacettepe Univ, Dept Food Engn, TR-06800 Beytepe, Ankara, Turkey  
*Food Chem* 2008 **107** (2) 939
- Some compositional properties of main Malatya apricot (*Prunus armeniaca* L.) varieties
- Andrews KW, Schweitzer A, Zhao C, Holden JM, Roseland JM, Brandt M, Dwyer JT, Picciano MF, Saldanha LG, Fisher KD, Yetley E, Betz JM, Douglass L// USDA/ARS, Beltsville Human Nutr Res Ctr, Nutrient Data Lab, Beltsville, Md 20705, USA  
*Anal Bioanal Chem* 2007 **389** (1) 231
- The caffeine contents of dietary supplements commonly purchased in the US: Analysis of 53 products with caffeine-containing ingredients
- Bello A, Bianchi F, Careri M, Giannetto M\*, Mastria V, Mori G, Musci M// \*Univ Parma, Dipt Chim Gen & Inorgan, Viale GP Usberti 17/A, Campus Univ, IT-43100 Parma, Italy  
*Sensor Actuator B Chem* 2007 **125** (1) 321
- Potentialities of a modified QCM sensor for the detection of analytes interacting via H-bonding and application to the determination of ethanol in bread
- Burkhardt S, Bohm V// \*Univ Jena, Inst Nutr, Dornberger Str 25-29, DE-07743 Jena, Germany  
*J Agric Food Chem* 2007 **55** (21) 8295
- Development of a new method for the complete extraction of carotenoids from cereals with special reference to durum wheat (*Triticum durum* Desf.)
- Chaouachi M, Giancola S, Romaniuk M, Laval V, Bertheau Y, Brunel D// \*INRA, Unite Etud Polymorphisme Genomes Vegetaux, CNG, 2 rue Gaston, CP5721, FR-91057 Evry, France  
*J Agric Food Chem* 2007 **55** (20) 8003
- A strategy for designing multi-taxa specific reference gene systems. Example of application—ppi phosphofructokinase (ppi-PPF) used for the detection and quantification of three taxa: Maize (*Zea mays*), cotton (*Gossypium hirsutum*) and rice (*Priza sativa*)
- Chen P, Ozcan M, Harnly J// USDA/ARS, Beltsville Human Nutr Res Ctr, Food Composit Lab, BARC East, Beltsville, Md 20705, USA  
*Anal Bioanal Chem* 2007 **389** (1) 251
- Chromatographic fingerprint analysis for evaluation of *Ginkgo biloba* products
- Consonni R, Cagliani LR// CNR, Ist Studio Macromol, Lab NMR, Bassini 15, IT-20133 Milan, Italy  
*Talanta* 2007 **73** (2) 332
- NMR relaxation data for quality characterization of Balsamic vinegar of Modena
- Cuesta-Rubio O, Piccinelli AL, Fernandez MC, Hernandez IM, Rosado A, Rastrelli L// \*Univ La Habana, Inst Farm & Alimentos, Ave 23 21425, Lisa, CU-13600 Havana, Cuba  
*J Agric Food Chem* 2007 **55** (18) 7502
- Chemical characterization of Cuban propolis by HPLC-PDA, HPLC-MS, and NMR: The brown, red, and yellow Cuban varieties of propolis
- Cuny M, Le Gall G, Colquhoun JJ, Lees M, Rutledge DN// \*AgroParisTech, Ingén Anal & Qual Aliments, UMR INRA, 16 rue C Bernard, FR-75341 Paris 05, France  
*Anal Chim Acta* 2007 **597** (2) 203
- Evolving Window Zone Selection method followed by Independent Component Analysis as useful chemometric tools to discriminate between grapefruit juice, orange juice and blends
- Dougall DK, Baker DC// University Tennessee, Dept Bot, Knoxville, Tn 37996, USA  
*Food Chem* 2008 **107** (1) 473
- Effects of reaction mixture and other components on the determination of the equilibrium and rate constants of the hydration reactions of anthocyanins
- Elkaoutit M, Naranjo-Rodriguez I, Temsamani KR, La Vega MD, De Cisneros JLH// \*Univ Cadiz, Fac Ciencias, Dept Quim Anal, Apdo 40, ES-11510 Cadiz, Spain  
*J Agric Food Chem* 2007 **55** (20) 8011
- Dual laccase-tyrosinase based sonogel-carbon biosensor for monitoring polyphenols in beers
- Fernandez K, Agosin E// \*Pontificia Univ Catolica Chile, Sch Engn, Dept Chem & Bioproc Engn, Av Vicuna Mackenna 4860, Santiago, Chile  
*J Agric Food Chem* 2007 **55** (18) 7294
- Quantitative analysis of red wine tannins using Fourier-transform mid-infrared spectrometry
- Ferrari CDS, Valente LL, Brod FCA, Tagliari C, Sant'Anna ES, Arisi ACM// \*Univ Fed Santa Catarina, Dept Ciencia & Tecnol Alimentos, Ctr Ciencias Agrarias, BR-880034-001 Florianopolis, SC, Brazil  
*Int J Food Sci Technol* 2007 **42** (10) 1249
- Evaluation of polymerase chain reaction and DNA isolation protocols for detection of genetically modified soybean
- Franciosi L, Bjorklund R, Krantz-Rulcker T, Siciliano P// CNR, Inst Microelect & Microsyst, Univ Campus, Lecce, Italy  
*Sensor Actuator B Chem* 2007 **125** (2) 462
- Classification of multiple defect concentrations in white wine by platinum microelectrode voltammetry
- Fu XP, Ying YB\*, Zhou Y, Xu HR// \*Zhejiang Univ, Coll Biosystems Engn & Food Sci, 268 Kaixuan St, CN-310029 Hangzhou, Peoples Rep China  
*Anal Chim Acta* 2007 **598** (1) 27
- Application of probabilistic neural networks in qualitative analysis of near infrared spectra: Determination of producing area and variety of loquats
- Grippi F, Crosta L, Aiello G, Tolomeo M, Oliveri F, Gebbia N, Curione A// \*Consorzio Ricerca Rischio Biol Agricoltura, Via G Marinuzzi 3, IT-90129 Palermo, Italy  
*Food Chem* 2008 **107** (1) 483
- Determination of stilbenes in Sicilian pistachio by high-performance liquid chromatographic diode array (HPLC-DAD/FLD) and evaluation of eventually mycotoxin contamination
- Gryson N, Dewettinck K, Messens K// Ghent University, University College Ghent, Fac Biosci & Landscape Architecture, Lab AgriFing, BE-9000 Ghent, Belgium  
*Eur Food Res Technol* 2007 **226** (1-2) 247
- Influence of cocoa components on the PCR detection of soy lecithin DNA

- Harbaum B, Hubermann EM, Wolff C, Herges R, Zhu Z, Schwarz K// Univ Kiel, Dept Food Technol, Heinrich Hecht Pl 10, DE-24118 Kiel, Germany  
*J Agric Food Chem* 2007 **55** (20) 8251
- Identification of flavonoids and hydroxyxycinnamic acids in pak choi varieties (*Brassica campestris* L. ssp *chinensis* var. *communis*) by HPLC-ESI-MS<sup>a</sup> and NMR and their quantification by HPLC-DAD
- Jirovsky D, Kosina P\*, Myslinova M, Styskala J, Ulrichova J, Simanek V// \*Palacky Univ, Dept Anal Univ, Tr Svobody 8, CZ-77146 Olomouc, Czech Rep  
*J Agric Food Chem* 2007 **55** (19) 7631
- HPLC analysis of rosmarinic acid in feed enriched with aerial parts of *Prunella vulgaris* and its metabolites in pig plasma using dual-channel coulometric detection
- Jirsa O, Hruskova M, Svec I// Prague Inst Chem Technol, Fac Food & Biochem Technol, Dept Carbohydr Chem & Technol, Technicka 5, Prague 6, Czech Rep  
*Czech J Food Sci* 2007 **25** (5) 243
- Bread features evaluation by NIR analysis
- Kasai M, Lewis AR, Ayabe S, Hatae K, Fyfe CA// Ochanomizu Univ, Fac Human Life & Environm Sci, 2-1-1 Otsuka, Bunkyo ku, Tokyo 112 8610, Japan  
*Food Res Int* 2007 **40** (8) 1020
- Quantitative NMR imaging study of the cooking of Japonica and Indica rice
- Kelebek H, Canbas A\*, Selli S// \*Cukurova Univ, Fac Agric, Dept Food Engn, TR-01330 Adana, Turkey  
*Chromatographia* 2007 **66** (3-4) 207
- HPLC-DAD-MS analysis of anthocyanins in rose wine made from cv. Okuzgiozu grapes, and effect of maceration time on anthocyanin content
- Kindt M, Orsini MC, Costantini B// Univ Bologna, Dipt Sci Aziendali, Area Tecnol & Valorizzazione Risorse, Piazza Scaravilli 1, IT-40126 Bologna, Italy  
*J Chromatogr Sci* 2007 **45** (8) 507
- Improved high-performance liquid chromatography-diode array detection method for the determination of phenolic compounds in leaves and peels from different apple varieties
- Liang H, Li CF, Yuan QP\*, Vrieskoop F// \*Beijing Inst Chem Technol, Key Lab Bioprocessing Beijing, CN-100029 Beijing, Peoples Rep China  
*J Agric Food Chem* 2007 **55** (20) 8047
- Separation and purification of sulforaphane from broccoli seeds by solid phase extraction and preparative high-performance liquid chromatography
- Mane C, Souquet JM, Olle D, Verries C, Veran F, Mazerolles G, Cheynier V, Fulcrand H\*// \*INRA, UMR 1083, 2 Pl Viala, FR-34060 Montpellier, France  
*J Agric Food Chem* 2007 **55** (18) 7224
- Optimization of simultaneous flavanol, phenolic acid, and anthocyanin extraction from grapes using an experimental design: Application to the characterization of Champagne grape varieties
- McClean BV// Megazyme Int Ireland Ltd, Bray Business Pk, Sthn Cross Rd, Bray, County Wicklow, Rep Ireland  
*Anal Bioanal Chem* 2007 **389** (1) 291
- An integrated procedure for the measurement of total dietary fibre (including resistant starch), non-digestible oligosaccharides and available carbohydrates
- Mertz C, Cheynier V, Gunata Z, Brat P// \*UMR Qualisud, Dept PERSYST, Ctr Cooperat Int Rech Agron Dev, TA B-95/16, FR-34398 Montpellier, France  
*J Agric Food Chem* 2007 **55** (21) 8616
- Analysis of phenolic compounds in two blackberry species (*Rubus glaucus* and *Rubus adenotrichus*) by high-performance liquid chromatography with diode array detection and electrospray ion trap mass spectrometry
- Mohamed A, Rayas-Duarte P, Xu J// USDA/ARS, NCAUR, Cereal Prod & Food Sci Unit, 1815 Nth University St, Peoria, IL 61604, USA  
*Food Chem* 2008 **107** (1) 516
- Hard Red Spring wheat/C-TRIM 20 bread: Formulation, processing and texture analysis
- Nishimura M, Ishiyama K, Watanabe A, Kawano S, Miyase T, Sano M// \*Nagoya Womens Univ, Div Food Sci & Nutr, Mizuho ku, Nagoya, 467, Japan  
*J Agric Food Chem* 2007 **55** (18) 7252
- Determination of theaflavins including methylated theaflavins in black tea leaves by solid-phase extraction and HPLC analysis
- Pena-Mendez EM, Hernandez-Suarez M, Diaz-Romero C, Rodriguez-Rodriguez E// Univ La Laguna, Dept Anal Chem Nutr & Food Sci, Avda Astrofisico Sanchez s/n, ES-38071 La Laguna, Tenerife, Spain  
*Food Chem* 2008 **107** (1) 537
- Characterization of various chestnut cultivars by means of chemometrics approach
- Pizarro C, Esteban-Diez I, Gonzalez-Saiz JM, Forina M// Univ La Rioja, Dept Chem, C/ Madre de Dios 51, ES-26006 Logrono, Spain  
*J Agric Food Chem* 2007 **55** (18) 7477
- Use of near-infrared spectroscopy and feature selection techniques for predicting the caffeine content and roasting color in roasted coffees
- Polat M, Korkmaz M// Hacettepe Univ, Dept Phys Engn, Ankara, Turkey  
*Food Chem* 2008 **107** (2) 956
- Detection of irradiated black tea (*Camellia sinensis*) and rooibos tea (*Aspalathus linearis*) by ESR spectroscopy
- Potterat O, Von Felten R, Dalsgaard PW, Hamburger M// Univ Basel, Inst Pharmaceut Biol, Klingelbergstr 50, CH-4056 Basel, Switzerland  
*J Agric Food Chem* 2007 **55** (18) 7489
- Identification of TLC markers and quantification by HPLC-MS of various constituents in noni fruit powder and commercial non-derived products
- Putzbach K, Rimmer CA, Sharpless KE, Wise SA, Sander LC// \*NIST, Div Anal Chem, Gaithersburg, Md 20899, USA  
*Anal Bioanal Chem* 2007 **389** (1) 197
- Determination of bitter orange alkaloids in dietary supplement Standard Reference Materials by liquid chromatography with atmospheric-pressure ionization mass spectrometry
- Rimmer CA, Howerton SB, Sharpless KE, Sander LC, Long SE, Murphy KE, Porter BJ, Putzbach K, Rearick MS, Wise SA, Wood LJ, Zeisler R, Hancock DK, Yen JH, Betz JM, Nguyenpho A, Yang L, Scriven C, Willie S, Sturgeon R, Schaneberg B, Nelson C, Skamarack J, Pan M, Levanseler K, Gray D, Waysek EH, Blatter A, Reich E// NIST, Gaithersburg, Md 20899, USA  
*Anal Bioanal Chem* 2007 **389** (1) 179
- Characterization of a suite of ginkgo-containing standard reference materials
- Rostagno MA, Palma M\*, Barroso CG// \*Univ Cadiz, Fac Ciencias, Dept Quim Anal, Grp Invest Quim Anal Vino & Prod Agroalimentari, ES-11510 Puerto Real, Spain  
*Anal Chim Acta* 2007 **597** (2) 265
- Ultrasound-assisted extraction of isoflavones from soy beverages blended with fruit juices
- Savchuk SA, Kolesov GM// Russian Acad Sci, VI Vernadskii Inst Geochem & Anal Chem, ul Kosygina 19, RU-119991 Moscow, Russia  
*J Anal Chem Engl Tr* 2007 **62** (8) 761
- Chromatographic determination of phthalic acid esters as an indicator of adulterated cognacs and cognac spirits
- Sharpless KE, Thomas JB, Duewer DL, Putzbach K, Rimmer CA, Sander LC, Schantz MM, Wise SA, Yarita T, Yen JH// NIST, Div Anal Chem, Gaithersburg, Md 20899, USA  
*Anal Bioanal Chem* 2007 **389** (1) 207
- Preparation and characterization of standard reference material 3276, carrot extract in oil
- Shi PY, He Q, Song Y, Qu HB, Cheng YY// \*Zhejiang Univ, Pharmaceut Informat Inst, CN-310027 Hangzhou, Peoples Rep China  
*Anal Chim Acta* 2007 **598** (1) 110
- Characterization and identification of isomeric flavonoid *O*-diglycosides from genus *Citrus* in negative electrospray ionization by ion trap mass spectrometry and time-of-flight mass spectrometry
- Tiziani S, Schwartz SJ, Vodovotz Y// \*Ohio State Univ, Dept Food Sci & Technol, Parker Food Sci & Technol Bldg, 2015 Fyffe Rd, Columbus, Oh 43210, USA  
*Food Chem* 2008 **107** (2) 962
- Intermolecular interactions in phytochemical model systems studied by NMR diffusion measurements
- Tsai HS, Huang LJ, Lai YH, Chang JC, Lee RS, Chiou RYY// \*Natl Chiayi Univ, Grad Inst Biotechnol, Chiayi, Taiwan  
*J Agric Food Chem* 2007 **55** (19) 7712
- Solvent effects on extraction and HPLC analysis of soybean isoflavones and variations of isoflavan compositions as affected by crop season
- Valderrama P, Braga JWB, Poppi RJ// \*Univ Estadual Campinas, Inst Quim, BR-13084-971 Campinas, SP, Brazil  
*J Agric Food Chem* 2007 **55** (21) 8331
- Variable selection, outlier detection, and figures of merit estimation in a partial least-squares regression multivariate calibration model. A case study for the determination of quality parameters in the alcohol industry by near-infrared spectroscopy
- Vemireddy LR, Archak S, Nagaraju J// \*Ctr DNA Fingerprinting & Diagn, Mol Genet Lab, ECIL Rd, Nacharam, IN-500076 Hyderabad, India  
*J Agric Food Chem* 2007 **55** (20) 8112
- Capillary electrophoresis is essential for microsatellite marker based detection and quantification of adulteration of Basmati rice (*Oryza sativa*)
- Wu YH, Wu G, Xiao L, Lu CM// \*Chinese Acad Agric Sci, Inst Oil Crops Res, 2 Xudong 2nd Rd, CN-430062 Wuhan, Peoples Rep China  
*J Agric Food Chem* 2007 **55** (21) 8380
- Event-specific qualitative and quantitative PCR detection methods for transgenic rapeseed hybrids MS1xRF1 and MS1xRF2
- Wynne L, Clark S, Adams MJ\*, Barnett NW// \*RMIT Univ, Sch Appl Sci, GPO Box 2476V, Melbourne, Vic 3001, Australia  
*Vib Spectrosc* 2007 **44** (2) 394
- Compositional dynamics of a commercial wine fermentation using two-dimensional FTIR correlation analysis
- Yap KYL, Chan SY, Lim CS// Nat Univ Singapore, Fac Sci, Dept Pharm, 18 Science Dr 4, SG-117453 Singapore, Rep Singapore  
*Food Chem* 2008 **107** (1) 570
- The reliability of traditional authentication - A case of ginseng misfit