

Bibliography of analytical, nutritional and clinical methods

(3 weeks journals. Search completed at 8th Mar. 2006)

1. Books, reviews & symposia

Carrasco-Pancorbo A, Cerretani L, Bendini A, Segura-Carretero A*, Gallina-Toschi T, Fernandez-Gutierrez A// *Univ Granada, Fac Sci, Dept Analyt Chem, Res Grp FQM-297, C/ Fuentenueva s/n, ES-18071 Granada, Spain
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Oxidative stability and phenolic content of virgin olive oil: An analytical approach by traditional and high resolution techniques

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Capillary electrophoresis in food authenticity

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Capillary electrophoresis for the analysis of meat authenticity

3. Amino acids, proteins & enzymes

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J Sep Sci 2005 **28** (9-10) 1039

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Proteomics 2005 **5** (15) 3942

Wheat cultivar-specific proteins in grain revealed by 2-DE and their application to cultivar identification of flour

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 Books, reviews & symposia; 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.

4. Carbohydrates

De Mattos IL, Areias MCD// Univ Fed Pernambuco, Dept Quim Fundamental, Cidade Univ, BR-50740-540 Recife, PE, Brazil

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5. Lipids

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Rapid detection of olive-pomace oil adulteration in extra virgin olive oils from the protected denomination of origin "Siurana" using excitation-emission fluorescence spectroscopy and three-way methods of analysis

Hajimahmoodi M, Vander Heyden Y, Sadeghi N, Jannat B, Oveisi MR, Shahbazian S// Univ Tehran, Fac Pharm, Dept Food Sci & Nutr, IR-14174 Tehran, Iran

Talanta 2005 **66** (5) 1108

Gas-chromatographic fatty-acid fingerprints and partial least squares modeling as a basis for the simultaneous determination of edible oil mixtures

Kalnin D, Lesieur P, Artzner F, Keller G, Ollivon M// Univ Wageningen & Res Ctr, Food Phys Grp, Agrotechnol & Food Sci Grp, Bomenweg 2, NL-6703 HD Wageningen, The Netherlands

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Szpylka J, DeVries JW// Medall Labs Div Gen Mills, 9000 Plymouth Ave Nth, Minneapolis, Mn 55427, USA

J AOAC Int 2005 **88** (5) 1279

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7. Trace elements & minerals

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Talanta 2005 **66** (4) 1042

Open digestion under reflux for the determination of total arsenic in seafood by inductively coupled plasma atomic emission spectrometry with hydride generation

Cancela-Perez S, Yebra-Biurrun MC*// *Univ Santiago de Compostela, Fac Chem, Dept Analyt Chem Nutr & Bromatol, ES-15782 Santiago de Compostela, Spain

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Carvalho ML, Santiago S, Nunes ML// Univ Lisbon, Fac Ciencias, Ctr Fis Atom, Av Prof Gama Pinto 2, PT-1649-003 Lisbon, Portugal

Anal Bioanal Chem 2005 **382** (2) 426

Assessment of the essential element and heavy metal content of edible fish muscle

Coelho NMM, Coelho LM, De Lima ES, Pastor A, De la Guardia M// Univ Uberlandia, Inst Chem, Campus Santa Monica, Av Joao Naves Avila 2160, BR-38408-110 Uberlandia, MG, Brazil

Talanta 2005 **66** (4) 818

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Anal Chim Acta 2005 **542** (2) 287
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Food Control 2006 **17** (3) 229
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 Determination of mercury species in fish reference materials by gas chromatography-atomic fluorescence detection after closed-vessel microwave-assisted extraction

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 Bovine liver sample preparation and micro-homogeneity study for Cu and Zn determination by solid sampling electrothermal atomic absorption spectrometry

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Talanta 2005 **66** (3) 740
 On-line microdialysis sampling coupled with flame atomic absorption spectrometry for continuous *in vivo* monitoring of diffusible magnesium in the blood of living animals

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Talanta 2005 **66** (4) 917
 Multiresidue determination of pesticides in juice by solid-phase extraction and gas chromatography-mass spectrometry

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Delgado-Andrade C, Rufian-Henares JA, Morales FJ*// *Inst Frio - CSIC, Jose Antonio Novais 10, ES-28040 Madrid, Spain
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 Fast method to determine furosine in breakfast cereals by capillary zone electrophoresis

Dong CZ, Zeng ZR*, Li XJ// *Wuhan Univ, Dept Chem, CN-430072 Wuhan, Peoples Rep China
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Padron-Sanz C, Sosa-Ferrera Z, Santana-Rodriguez JJ*// *Univ Las Palmas, Fac Marine Sci, Dept Chem, ES-35017 Las Palmas, Gran Canaria, Spain

J AOAC Int 2005 **88** (5) 1485

An approach to the application of microwave-assisted micellar extraction and liquid chromatography with ultraviolet detection to the extraction and determination of organophosphorus pesticides in tomato samples

Pang GF, Cao YZ, Zhang JJ, Jia GQ, Fan CL, Li XM, Liu YM, Li ZY, Sin YQ// Qinhuangdao Entry Exit Inspect & Quarantine Bureau, 39 Haibin Rd, CN-066002 Qinhuangdao, Hebei, Peoples Rep China

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Simultaneous determination of 16 sulfonamides in honey by liquid chromatography/tandem mass spectrometry

Pereira AV, Cass QB*// *Univ Fed Sao Carlos, Dept Quim, Cx Postal 676, BR-13565-905 Sao Carlos, SP, Brazil

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High-performance liquid chromatography method for the simultaneous determination of sulfamethoxazole and trimethoprim in bovine milk using an on-line clean-up column

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Ultrasound-assisted solvent extraction of total polycyclic aromatic hydrocarbons from mussels followed by spectrofluorimetric determination

Saranwong S, Kawano S// Natl Food Res Inst, 2-1-12 Kannondai, Tsukuba, Ibaraki 305 8642, Japan

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Schermerhorn PG, Golden PE, Krynitsky AJ, Leimkuehler WM// US/EPA, Off Pesticide Programs, Biol & Econ Anal Div, Analyt Chem Branch, 701 Mapes Rd, Fort George G Meade, Md 20755, USA

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Shen HY// Zhejiang Univ, Ningbo Inst Technol, Anal & Testing Ctr, 1st Qianhu Nan Rd, CN-315100 Zhejiang, Peoples Rep China

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Monitoring of five sulfonamide antibacterial residues in milk by in-tube solid-phase microextraction coupled to high-performance liquid chromatography

Wenzl T, Anklam E*// *European Commiss, DG Joint Res Ctr, Inst Reference Mat & Measurements, BE-2440 Geel, Belgium

J AOAC Int 2005 **88** (5) 1413

Evaluation of results of an interlaboratory comparison test on determination of acrylamide in crispbread samples

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Brezna B, Hudcová L, Kuchta T*// *Food Res Inst, Priemyselna 4, SK-82475 Bratislava, Slovakia

Arch Lebensmittelhyg 2005 **56** (5) 112

Detection of peanuts in food products by real-time polymerase chain reaction

Chen CY, Li WJ, Peng KY// Natl Taiwan Univ, Coll Publ Hlth, Inst Environm Hlth, 19 Hsu Cho Rd, Taipei 10055, Taiwan

J Agric Food Chem 2005 **53** (22) 8474

Determination of aflatoxin M₁ in milk and milk powder using high-flow solid-phase extraction and liquid chromatography-tandem mass spectrometry

Cho YJ, Lee DH, Kim DO, Min WK, Bong KT, Lee GG, Seo JH*// *Seoul Natl Univ, Sch Agr Biotechnol, Seoul 151 742, South Korea

J Agric Food Chem 2005 **53** (22) 8447

Production of a monoclonal antibody against ochratoxin A and its application to immunochromatographic assay

Dunne L, Daly S, Baxter A, Haughey S, O'Kennedy R*// *Dublin City Univ, Sch Biotechnol, Dublin 9, Rep Ireland

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Surface plasmon resonance-based immunoassay for the detection of aflatoxin B₁ using single-chain antibody fragments

Gokmen V, Acar J, Sarioglu K// Hacettepe Univ, Dept Food Engn, TR-06532 Ankara, Turkey

Anal Chim Acta 2005 **543** (1-2) 64

Liquid chromatographic method for the determination of patulin in apple juice using solid-phase extraction

Olexova L, Dovicovicova L, Svec M, Siekel P, Kuchta T*// *Inst Food Res, Dept Microbiol & Chem, Priemyselna 4, POB 25, SK-82475 Bratislava, Slovakia

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Detection of gluten-containing cereals in flours and "gluten-free" bakery products by polymerase chain reaction

Pena A, Cerejo F, Lino C, Silveira I// Univ Coimbra, Fac Pharm, Grp Bromatol, PT-3049 Coimbra, Portugal

Anal Bioanal Chem 2005 **382** (5) 1288

Determination of ochratoxin A in Portuguese rice samples by high performance liquid chromatography with fluorescence detection

Ratola N, Abade E, Simoes T, Venancio A, Alves A*// *Univ Porto, Fac Engn, Dept Engn Quim, Rua Dr Roberto Frias, PT-4200-465 Oporto, Portugal

Anal Bioanal Chem 2005 **382** (2) 405

Evolution of ochratoxin A content from must to wine in port wine microvinification

Sforza S, Scaravelli E, Corradini R, Marchelli R*// *Univ Parma, Dipt Chim Organ & Ind, Parco Area Sci 17/A, IT-43100 Parma, Italy

Chirality 2005 **17** (9) 515

Unconventional method based on circular dichroism to detect peanut DNA in food by means of a PNA probe and a cyanine dye

Stobo LA, Lacaze JPCL, Scott AC, Gallacher S, Smith EA, Quilliam MA// Fisheries Res Serv, Marine Lab, 375 Victoria Rd, Aberdeen AB11 9DB, Scotland

J AOAC Int 2005 **88** (5) 1371

Liquid chromatography with mass spectrometry - Detection of lipophilic shellfish toxins

Vega VA// US/FDA, SE Reg Lab, 60 8th St NE, Atlanta, Ga 30309, USA

J AOAC Int 2005 **88** (5) 1383

Rapid extraction of aflatoxin from creamy and crunchy peanut butter

Veledo MT, De Frutos M, Diez-Masa JC*// *Inst Organ Chem - CSIC, Juan Cierva 3, ES-28006 Madrid, Spain

J Sep Sci 2005 **28** (9-10) 941

Analysis of trace amounts of bovine β -lactoglobulin in infant formulas by capillary electrophoresis with on-capillary derivatization and laser-induced fluorescence detection

Wen HW, Borejsza-Wysocki W, DeCory T, Durst R*// *Cornell Univ, Dept Food Sci & Technol, 630 West North St, Geneva, NY 14456, USA

Anal Bioanal Chem 2005 **382** (5) 1217

Development of a competitive liposome-based lateral flow assay for the rapid detection of the allergenic peanut protein Ara h1

Woo KL// Kyungnam Univ, Div Food Sci & Biotechnol, Wolyungdong, Masan 631 701, South Korea

J AOAC Int 2005 **88** (5) 1419

Determination of low molecular weight alcohols including fusel oil in various samples by diethyl ether extraction and capillary gas chromatography

10. Additives

Alghamdi AH// King Saud Univ, Coll Sci, Dept Chem, POB 2455, SA-11451 Riyadh, Saudi Arabia

J AOAC Int 2005 **88** (5) 1387

Determination of Allura Red in some food samples by adsorptive stripping voltammetry

Hormazabal V, Ostensvik O, Kaldhusdal M// Norwegian Coll Vet Med, Div Food Safety, POB 8146 Dep, NO-0033 Oslo, Norway

J Liq Chromatogr Relat Technol 2005 **28** (17) 2769

An improved LC-MS method for the determination of lasalocid, monensin, narasin, and salinomycin in feed

Jager AV, Tonin FG, Tavares MFM*// *Univ Sao Paulo, Inst Quim, Av Prof Lineu Prestes 748, CP 26077, BR-05508-900 Sao Paulo, Brazil

J Sep Sci 2005 **28** (9-10) 957

Optimizing the separation of food dyes by capillary electrophoresis

Kot-Wasik A, Wasik A// Gdansk Tech Univ, Fac Chem, Dept Analyt Chem, 11-12 Narutowicza Str, PL-80952 Gdansk, Poland

Anal Chim Acta 2005 **543** (1-2) 46

Determination of robenidine in animal feeds by liquid chromatography coupled with diode-array detection and mass spectrometry after accelerated solvent extraction

McCourt J, Stroka J, Anklam E// European Commiss, DG Joint Res Ctr, Inst Reference Mat & Measurements, Retieseweg 111, BE-2440 Geel, Belgium

Anal Bioanal Chem 2005 **382** (5) 1269

Experimental design-based development and single laboratory validation of a capillary zone electrophoresis method for the determination of the artificial sweetener sucralose in food matrices

11. Flavours & aromas

Eyres G, Dufour JP*, Halifax G, Sotheeswaran S, Marriott PJ// *Univ Otago, Dept Food Sci, POB 56, Dunedin, New Zealand

J Sep Sci 2005 **28** (9-10) 1061

Identification of character-impact odorants in coriander and wild coriander leaves using gas chromatography-olfactometry (GCO) and comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry (GC x GC-TOFMS)

Fanali S, Aturki Z, D'Orazio G, Raggi MA, Quaglia MG, Sabbioni C, Rocco A// Inst Metodol Chim - CNR, Area Ric Roma 1, Via Salaria km 29.300, IT-00016 Monterotondo, Italy

J Sep Sci 2005 **28** (9-10) 982

Use of nano-liquid chromatography for the analysis of glycyrrhizin and glycyrrhetic acid in licorice roots and candies

Gomez-Ariza JL, Garcia-Barrera T, Lorenzo F, Gonzalez AG// Univ Huelva, Fac Ciencias Expt, Dept Quim & Ciencia Mat, Campus El Carmen, ES-21007 Huelva, Spain

Anal Chim Acta 2005 **540** (1) 17

Optimisation of a pressurised liquid extraction method for haloanisoles in cork stoppers

Jublot L, Linforth RST, Taylor AJ*// *Univ Nottingham, Div Food Sci, Samworth Flavour Lab, Sutton Bonington Campus, Loughborough LE12 5RD, England

Int J Mass Spectrom 2005 **243** (3) 269

Direct atmospheric pressure chemical ionisation ion trap mass spectrometry for aroma analysis: Speed, sensitivity and resolution of isobaric compounds

Kanaki NS, Rajani M*// *BV Patel Pharmaceut Educat & Res Dev Ctr, Thaltej Gandhinagar Highway, IN-380054 Ahmedabad, India

J AOAC Int 2005 **88** (5) 1568

Development and validation of a thin-layer chromatography-densitometric method for the quantitation of alliin from garlic (*Allium sativum*) and its formulations

Liu MM, Zeng ZR*, Tian Y// *Wuhan Univ, Dept Chem, CN-430072 Wuhan, Peoples Rep China

Anal Chim Acta 2005 **540** (2) 341

Elimination of matrix effects for headspace solid-phase microextraction of important volatile compounds in red wine using a novel coating

MacNamara K, Leardi R*, Sabuneti A// *Univ Genoa, Dept Pharmaceut & Food Chem & Technol, Via Brigata Salerno - Ponte, IT-16147 Genoa, Italy

Anal Chim Acta 2005 **542** (2) 260

Fast GC analysis of major volatile compounds in distilled alcoholic beverages - Optimisation of injection and chromatographic conditions

Mandrioli R, Musenga A, Ferranti A, Lasaponara SS, Fanali S, Raggi MA*// *Univ Bologna, Fac Pharm, Dept Pharmaceut Sci, Alma Mater Studiorum, Via Belmeloro 6, IT-40126 Bologna, Italy

J Sep Sci 2005 **28** (9-10) 966

Separation and analysis of the major constituents of cloves by micellar electrokinetic chromatography

Marti MP, Pino J, Boque R, Busto O, Guasch J*// *Univ Rovira & Virgili, Fac Enol, Dept Quim Analit & Quim Organ, Unitat Enol, C/ Marcell Domingo, ES-43007 Tarragona, Spain

Anal Bioanal Chem 2005 **382** (2) 440

Determination of ageing time of spirits in oak barrels using a headspace-mass spectrometry (HS-MS) electronic nose system and multivariate calibration

Mondello L, Costa R, Tranchida PQ, Dugo P, Lo Presti M, Festa S, Fazio A, Dugo G*// *Univ Messina, Fac Farm, Dipt Farmacochim, Viale Annunziata, IT-98168 Messina, Italy

J Sep Sci 2005 **28** (9-10) 1101

Reliable characterization of coffee bean aroma profiles by automated headspace solid phase microextraction-gas chromatography-mass spectrometry with the support of a dual-filter mass spectra library

Ryan D, Watkins P, Smith J, Allen M, Marriott P*// *Royal Melbourne Inst Technol Univ, Sch Appl Sci, GPO Box 2476V, Melbourne, Vic 3001, Australia

J Sep Sci 2005 **28** (9-10) 1075

Analysis of methoxypyrazines in wine using headspace solid phase microextraction with isotope dilution and comprehensive two-dimensional gas chromatography

Sanchez-Palomo E, Diaz-Maroto MC*, Perez-Coello MS// *Fac Ciencias Quim, Area Tecnol Alimentos, Campus Univ 10, ES-13071 Ciudad Real, Spain

Talanta 2005 **66** (5) 1152

Rapid determination of volatile compounds in grapes by HS-SPME coupled with GC-MS

12. Organic acids

Bianchi F, Careri M*, Corradini C// *Univ Parma, Dipt Chim Gen & Inorgan Chim Analit Chim, Parco Area Sci 17/A, IT-43100 Parma, Italy

J Sep Sci 2005 **28** (9-10) 898

Novel approach for the rapid determination of water-soluble organic acids in wine by co-electroosmotic flow capillary zone electrophoresis

Masar M, Poliakova K, Dankova M, Kaniansky D*, Stanislavski B// *Comenius Univ, Fac Nat Sci, Dept Analyt Chem, Mlynska dolina CH-2, SK-84215 Bratislava, Slovakia

J Sep Sci 2005 **28** (9-10) 905

Determination of organic acids in wine by zone electrophoresis on a chip with conductivity detection

Moreira JL, Santos L// Univ Porto, Fac Engr, Dept Engr Quim, Rua Dr Roberto Frias s/n, PT-4200-465 Oporto, Portugal

Anal Bioanal Chem 2005 **382** (2) 421

Analysis of organic acids in wines by Fourier-transform infrared spectroscopy

13. Animal products

Chen Y, Wu YJ, Xu BL, Wan J, Qian ZM// Chinese Acad Inspect & Quarantine, Inst Food Safety, 3 Gaobeidian Nth Rd, CN-100025 Beijing, Peoples Rep China

J AOAC Int 2005 **88** (5) 1394

Species-specific polymerase chain reaction amplification of camel (*Camelus*) DNA extracts

Chiappini B, Brambilla G, Agrimi U, Vaccari G, Aarts HJM, Berben G, Frezza D, Giambra V// Ist Super Sanita, Dept Food Safety & Vet Publ Hlth, IT-00161 Rome, Italy

J AOAC Int 2005 **88** (5) 1399

Real-time polymerase chain reaction approach for quantitation of ruminant-specific DNA to indicate a correlation between DNA amount and meat and bone meal heat treatments

Da Costa PA, Volery P// Nestle Res Ctr, POB 44, CH-1000 Lausanne, Switzerland

Anal Chim Acta 2005 **544** (1-2) 82

Broad-based versus specific NIRS calibration: Determination of total solids in fresh cheese

De la Fuente E, Martinez-Castro I, Sanz J*// *Inst Quim Organ Gen - CSIC, Juan Cierva 3, ES-28006 Madrid, Spain

J Sep Sci 2005 **28** (9-10) 1093

Characterization of Spanish unifloral honeys by solid phase microextraction and gas chromatography-mass spectrometry

McDevitt RM, Gavin AJ, Andres S, Murray I// Scottish Agr Coll, Avian Sci Res Ctr, Auchincruive KA6 5HW, Scotland

J Near Infrared Spectrosc 2005 **13** (3) 109

The ability of visible and near infrared reflectance spectroscopy to predict the chemical composition of ground chicken carcasses and to discriminate between carcasses from different genotypes

Nowak B, Von Mueffling T, Kuefen A, Ganseforth K, Seyboldt C// Univ Vet Med Hannover, Inst Food Qual & Food Safety, Bischofsholer Damm 15, DE-30173 Hannover, Germany

J Food Prot 2005 **68** (10) 2178

Detection of bovine central nervous system tissue in liver sausages using a reverse transcriptase PCR technique and a commercial enzyme-linked immunosorbent assay

O'Farrell M, Lewis E, Flanagan C, Lyons WB, Jackman N// Univ Limerick, Dept Elect & Comp Engr, Limerick, Rep Ireland

Sensor Actuator B Chem 2005 **107** (1) 104

Combining principal component analysis with an artificial neural network to perform online quality assessment of food as it cooks in a large-scale industrial oven

Raatikainen O, Reinikainen V, Minkkinen P, Ritvanen T, Muje P, Pursiainen J, Hiltunen T, Hyvonen P, Von Wright A, Reinikainen SP// Univ Kuopio, Dept Clin Nutr, Food & Hlth Res Ctr, Box 1627, FI-70211 Kuopio, Finland
Anal Chim Acta 2005 **544** (1-2) 128

Multivariate modelling of fish freshness index based on ion mobility spectrometry measurements

Uddin M, Okazaki E, Turza S, Yumiko Y, Tanaka M, Fukuda Y// Natl Res Inst Fisheries Sci, Div Food Technol & Biochem, 2-12-4 Fukuura, Yokohama, Kanagawa 236 864, Japan
J Food Sci 2005 **70** (8) C506

Non-destructive visible/NIR spectroscopy for differentiation of fresh and frozen-thawed fish

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Blanco A, Peinado AC, Mas J// Autonomous Univ Barcelona, Fac Sci, Dept Chem, ES-08193 Bellaterra, Barcelona, Spain
Anal Chim Acta 2005 **544** (1-2) 199

Elucidating the composition profiles of alcoholic fermentations by use of ALS methodology

Chen RLC, Lin CH, Chung CY, Cheng TJ// *Natl Taiwan Univ, Coll Bioreources & Agr, Dept Bioind Mechatron Engr, Taipei, Taiwan
J Agric Food Chem 2005 **53** (22) 8443

Determination of tannin in green tea infusion by flow-injection analysis based on quenching the fluorescence of 3-aminophthalate

Cocchi M, Corbellini M, Foca G, Lucisano M, Pagani MA, Tassi L, Ulrici A// *Univ Modena & Reggio Emilia, Dipt Sci Agrarie, Via Kennedy 17, IT-42100 Reggio Emilia, Italy
Anal Chim Acta 2005 **544** (1-2) 100

Classification of bread wheat flours in different quality categories by a wavelet-based feature selection/classification algorithm on NIR spectra

Dambrouck T, Marchal R, Cilindre C, Parmentier M, Jeandet P// *Univ Reims, Fac Sci, Lab Enol & Appl Chem, Res Unit 2069, POB 1039, FR-51687 Reims, France
J Agric Food Chem 2005 **53** (22) 8782

Determination of the grape invertase content (using PTA-ELISA) following various fining treatments *versus* changes in the total protein content of wine. Relationships with wine foamability

De Melo Abreu S, Alves A, Oliveira B, Herbert P// *Univ Porto, Fac Engr, Dept Engr Quim, Rua Dr Roberto Frias s/n, PT-4200-465 Oporto, Portugal
Anal Bioanal Chem 2005 **382** (2) 498

Determination of ethyl carbamate in alcoholic beverages: An interlaboratory study to compare HPLC-FLD with GC-MS methods

Duarte IF, Goodfellow BJ, Gil AM*, Delgado I// *Univ Aveiro, Dept Chem, QOPNAA, CICECO, PT-3810-193 Aveiro, Portugal
Spectrosc Lett 2005 **38** (3) 319

Characterization of mango juice by high-resolution NMR, hyphenated NMR, and diffusion-ordered spectroscopy

Ferrao MF, Davanzo CU// Univ Santa Cruz Sul, Dept Chem & Phys, Cx Postal 188, BR-96815-000 Santa Cruz Sul, RS, Brazil
Anal Chim Acta 2005 **540** (2) 411

Horizontal attenuated total reflection applied to simultaneous determination of ash and protein contents in commercial wheat flour

Gallardo J, Alegret S, Del Valle M// *Univ Autonoma Barcelona, Dept Chem, Sensors & Biosensors Grp, Edifici Cn, ES-08193 Bellaterra, Spain
Talanta 2005 **66** (5) 1303

Application of a potentiometric electronic tongue as a classification tool in food analysis

Guthrie SE, Mazzanti G, Idziak SHJ// *Univ Waterloo, Dept Phys, 200 Univ Ave West, Waterloo, Ontario, Canada N2L 3G1
Eur J Lipid Sci Technol 2005 **107** (9) 656

X-ray phase identification of chocolate is possible without the removal of sugar

Huang HY, Lien WC, Chiu CW// Chung Yuan Christian Univ, Dept Chem, Chungli 320, Taiwan
J Sep Sci 2005 **28** (9-10) 973

Comparison of microemulsion electrokinetic chromatography and micellar electrokinetic chromatography methods for the analysis of phenolic compounds

Hubert J, Berger M, Dayde J// Ecole Super Agr Purpan, Lab Agrophysiol, INRA UMR 1054, Toulouse, France
J Food Sci 2005 **70** (8) C471

Validation of a high-performance liquid chromatography-ultraviolet method to quantify soy saponin A and B in soy germs from different cultivars and in

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Jandera P, Skerikova V, Rehova L, Hajek T, Baldrianova L, Skopova G, Kellner V, Horna A// Univ Pardubice, Fac Chem Technol, Dept Analyt Chem, Nam CS Legii 565, CZ-53210 Pardubice, Czech Republic
J Sep Sci 2005 **28** (9-10) 1005

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Kolb M, Hippich S// Fachhochschule Aalen, Beethovenstr 1, DE-73430 Aalen, Germany
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Lee J, Durst RW, Wrolstad RE// USDA/ARS, Hort Crops Res Lab Worksite, PWA, 29603 Univ Idaho Lane, Parma, Id 83660, USA
J AOAC Int 2005 **88** (5) 1269

Determination of total monomeric anthocyanin pigment content of fruit juices, beverages, natural colorants, and wines by the pH differential method: Collaborative study

Liu YC, Lin SH, Lai HM, Jeng ST// *Inst Plant Biol, Taipei 106, Taiwan
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Detection of genetically modified soybean and its product tou-kan by polymerase chain reaction with dual pairs of DNA primers

Lleti R, Melendez E, Ortiz MC*, Sarabia LA, Sanchez MS// *University Burgos, Fac Sci, Dept Chem, Pza Misael Banelos s/n, ES-09001 Burgos, Spain
Anal Chim Acta 2005 **544** (1-2) 60

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Lu C, Han DH// *China Agr Univ, Coll Food Sci & Nutrit Engr, POB 112, CN-100083 Beijing, Peoples Rep China
J Near Infrared Spectrosc 2005 **13** (3) 139

The component analysis of bottled red sufu products using near infrared spectroscopy

Martellosi C, Taylor EJ, Lee D, Graziosi G*, Donini P// *NIAB, Huntingdon Rd, Cambridge CB3 0LE, England
J Agric Food Chem 2005 **53** (22) 8432

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Mendiola JA, Marin FR, Hernandez SF, Arredondo BO, Senorans FJ, Ibanez E, Reglero G// *Univ Autonoma Madrid, Fac Ciencias, Seccion Ciencias Alimentacion, Ciudad Univ Cantoblanco, ES-28049 Madrid, Spain
J Sep Sci 2005 **28** (9-10) 1031

Characterization *via* liquid chromatography coupled to diode array detector and tandem mass spectrometry of supercritical fluid antioxidant extracts of *Spirulina platensis* microalga

Peano C, Bordoni R, Gulli M, Mezzelani A, Samson MC, De Bellis G, Marmiroli N// CNR, Inst Biomed Technol, Via Fratelli Cervi 93, IT-20090 Milan, Italy
Anal Biochem 2005 **346** (1) 90

Multiplex polymerase chain reaction and ligation detection reaction/universal array technology for the traceability of genetically modified organisms in foods

Pinheiro PBM, Da Silva JCGE// *Univ Porto, Fac Ciencias, Dept Chem, LAQUIPAI, R Campo Alegre 687, PT-4169-007 Oporto, Portugal
Anal Chim Acta 2005 **544** (1-2) 229

Chemometric classification of olives from three Portuguese cultivars of *Olea europaea* L.

Regan F, Shakalisava Y// Dublin City Univ, Sch Chem Sci, Dublin 9, Rep Ireland
Anal Chim Acta 2005 **540** (1) 103

Rapid simultaneous determination of alkyloxanthines by CZE and its application in analysis of pharmaceuticals and food samples

Saiz-Abajo MJ, Gonzalez-Saiz JM, Pizarro C// *Univ La Rioja, Dept Chem, C/ Madre de Dios 51, ES-26006 Logrono, Spain
Anal Bioanal Chem 2005 **382** (2) 412

Orthogonal signal correction applied to the classification of wine and molasses vinegar samples by near-infrared spectroscopy. Feasibility study for the detection and quantification of adulterated vinegar samples

Santos JP, Fernandez MJ, Fontecha JL, Lozano J, Aleixandre M, Garcia M, Gutierrez J, Horriillo MC// *IFA - CSIC, Lab Sensores, Serrano 144, ES-28006 Madrid, Spain
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Zelic B, Hadolin M, Bauman D, Vasic-Racki D// University Zagreb, Faculty Chemical Engineering & Technol, Marulicev trg 19, HR-10000 Zagreb, Croatia
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Recovery and purification of rosmarinic acid from rosemary using electro-dialysis