

Bibliography of analytical, nutritional and clinical methods

(2 weeks journals. Search completed at 21st Sept. 2005)

1. Books, reviews & symposia

Marti MP, Boque R, Busto O, Guasch J// *Univ Rovira & Virgili, Fac Enol, Dept Quim Analit & Quim Organ, Unitat Enol, CeRTA, Av Ramon y Cajal 70, ES-43005 Tarragona, Spain
Trends Anal Chem 2005 **24** (1) 57

Electronic noses in the quality control of alcoholic beverages

Tadeo JL, Sanchez-Brunete C, Albero B, Gonzalez L// INIA, Dept Medio Ambiente, Ctra Coruna km 7, ES-28040 Madrid, Spain
Crit Rev Anal Chem 2004 **34** (3-4) 165

Analysis of pesticide residues in juice and beverages

Yashin YI, Yashin AY// Khimavtomatika Res & Prod Assoc, Sel'skokhozyaistvennaya ul 12A, RU-129345 Moscow, Russia
J Anal Chem Engl Tr 2004 **59** (12) 1121

Analysis of food products and beverages using high-performance liquid chromatography and ion chromatography with electrochemical detectors (Review)

2. General

Perez-Marin D, Garrido-Varo A, Guerrero JE// Univ Cordoba, ETSIAM, Dept Anim Prod, Cordoba, Spain

Appl Spectrosc 2005 **59** (1) 69

Implementation of LOCAL algorithm with near-infrared spectroscopy for compliance assurance in compound feedingstuffs

3. Amino acids, proteins & enzymes

Hashimoto K, Sato K*, Nakamura Y, Ohtsuki K// *Kyoto Prefectural Univ, Dept Food Sci & Nutr Hlth, Kyoto 606 8522, Japan

J Agric Food Chem 2005 **53** (10) 3801

Development of a large-scale (50 L) apparatus for ampholyte-free isoelectric focusing (autofocusing) of peptides in enzymatic hydrolysates of food proteins

Petzke KJ, Boeing H, Metges CC// German Inst Human Nutr, Arthur-Scheunert-Allee 114-116, DE-14558 Nuthetal, Germany

Rapid Commun Mass Spectrom 2005 **19** (11) 1392

Choice of dietary protein of vegetarians and omnivores is reflected in their hair protein ¹³C and ¹⁵N abundance

5. Lipids

Priego-Capote F, De Castro MDL// *Univ Cordoba, Dept Analyt Chem, Annex C-3, Campus Rabanales, ES-14071 Cordoba, Spain

Talanta 2005 **65** (1) 98

Focused microwave-assisted Soxhlet extraction: A convincing alternative for total fat isolation from bakery products

6. Vitamins & co-factors

Arbatskii AP, Afon'shin GN, Vostokov VM// Nizhni Novgorod State Tech

Univ, Dept Physicochem Engr, ul Minina 24, RU-603600 Nizhni Novgorod, Russia

J Anal Chem Engl Tr 2004 **59** (12) 1186

Determination of vitamins in feed and foodstuffs by high-performance liquid chromatography

Brunetto MR, Obando MA, Gallignani M, Alarcon OM, Nieto E, Salinas R, Burguera JL, Burguera M// Univ Los Andes, Fac Sci, IVAQUIM, Ipostel Hechicera, POB 3, VE-5101 Merida A, Venezuela

Talanta 2004 **64** (5) 1364

HPLC determination of vitamin D₃ and its metabolite in human plasma with on-line sample cleanup

Feng F, Wang KM*, Chen ZZ, Chen QT, Lin JD, Huang SS// *Hunan Univ, Coll Chem & Chem Engr, State Key Lab Chemo/Biol Sensing & Chemometr, CN-410082 Changsha, Peoples Rep China

Anal Chim Acta 2004 **527** (2) 187

Flow injection renewable drops spectrofluorimetry for sequential determinations of vitamins B₁, B₂ and B₆

Ghasemi J, Seifi S, Sharifi M, Ghorbani R, Amini A// Razi Univ, Fac Sci, Dept Chem, Kermanshah, Iran

Microchim Acta 2004 **148** (3-4) 259

Simultaneous kinetic spectrophotometric determination of ascorbic acid and L-cysteine by H-point standard addition method

Hadjmohammadi MR, Momenbeik F, Khorasani JH*// *Univ Isfahan, Dept Chem, PO Box 8174673441, Isfahan, Iran

Ann Chim Rome 2004 **94** (11) 857

Separation of B₆ vitamers with micellar liquid chromatography using UV and electrochemical detection

Katay G, Nemeth Z, Szani S, Kock O, Albert L, Tyihak E// Hungarian Acad Sci, Inst Plant Protect, POB 102, HU-1525 Budapest, Hungary

J Planar Chromatogr Mod TLC 2004 **17** (5) 360

Overpressured-layer chromatographic determination of ascorbigen (bound vitamin C) in *Brassica* vegetables

Tang YJ, Wu MJ*// *Chinese Acad Sci, Changchun Inst Appl Chem, Nat Analyt Res Ctr Electrochem & Spect, 5256 Renmin St, CN-130022 Changchun, Peoples Rep China

Talanta 2005 **65** (3) 794

A quick method for the simultaneous determination of ascorbic acid and sorbic acid in fruit juices by capillary zone electrophoresis

Zenki M, Tanishita A, Yokoyama T// Okayama Univ Sci, Fac Sci, Dept Chem, Ridai cho, Okayama 700 0005, Japan

Talanta 2004 **64** (5) 1273

Repetitive determination of ascorbic acid using iron(III)-1.10-phenanthroline-peroxodisulfate system in a circulatory flow injection method

7. Trace elements & minerals

Anjos MJ, Barroso RC, Lopes RT, De Jesus EFO, Simabuco SM, Castro CRF// Univ Fed Rio de Janeiro, Nucl Instrumentat Lab, COPPE, POB 68509, BR-21945-970 Rio de Janeiro, Brazil

X-Ray Spectrom 2004 **33** (6) 407

EDXRF analysis of red and white wines from Brazil

Camina JM, Boeris MS, Martinez LD, Luco JM, Marchevsky EJ// Natl Univ

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.

La Pampa, Fac Nat & Exact Sci, Dept Chem, Av Uruguay 151, AR-6300 Santa Rosa, La Pampa, Argentina

Chem Anal 2004 **49** (5) 717

Simultaneous determination of Cu, Zn and Fe in honey using partial least square regression method PLS-2

De Pena YP, Paredes B, Rondon W, Burguera M, Burguera JL, Rondon C, Carrero P, Capote T// Univ Los Andes, Fac Ciencias, Dept Quim, Lab Espectroscopia Mol, VE-5101 Merida A, Venezuela

Talanta 2004 **64** (5) 1351

Continuous flow system for lead determination by FAAS in spirituous beverages with solid phase extraction and on-line copper removal

Fernandez-Torres R, Perez-Bernal JL, Bello-Lopez MA, Callejon-Mochon M, Jimenez-Sanchez JC, Guirau-Perez A// Univ Seville, Fac Chem, Dept Analyt Chem, ES-41012 Seville, Spain

Talanta 2005 **65** (3) 686

Mineral content and botanical origin of Spanish honeys

Wang JH, Yu YL, Du Z, Fang ZL// Northeastern Univ, Res Ctr Analyt Sci, Chem Bldg, Box 332, CN-110004 Shenyang, Peoples Rep China

J Anal Atom Spectrom 2004 **19** (12) 1559

A low cost and sensitive procedure for lead screening in human whole blood with sequential injection-hydride generation-atomic fluorescence spectrometry

Wietecha R, Koscielniak P*, Lech T, Kielar T// *Jagiellonian Univ, Fac Chem, Karasia 3, PL-30060 Krakow, Poland

Microchim Acta 2005 **149** (1-2) 137

Simple method for simultaneous determination of selenium and arsenic in human hair by means of atomic fluorescence spectrometry with hydride generation technique

8. Drug, biocide & processing residues

Alfredsson G, Branzell C, Granelli K, Lundstrom A// Natl Food Adm Toxicol Lab, Chem Div 1, Box 622, SE-75126 Uppsala, Sweden

Anal Chim Acta 2005 **529** (1-2) 47

Simple and rapid screening and confirmation of tetracyclines in honey and egg by a dipstick test and LC-MS/MS

Andersen WC, Roybal JE, Gonzales SA, Turnipseed SB, Pfenning AP, Kuck LR// US/FDA, Anim Drugs Res Ctr, POB 25087, Denver, Co 80225, USA

Anal Chim Acta 2005 **529** (1-2) 145

Determination of tetracycline residues in shrimp and whole milk using liquid chromatography with ultraviolet detection and residue confirmation by mass spectrometry

Ashizuka Y, Nakagawa R*, Tobiishi K, Hori T, Ida T// *Fukuoka Inst Hlth & Environm Sci, 39 Mukaizano, Fukuoka 818 0135, Japan

J Agric Food Chem 2005 **53** (10) 3807

Determination of polybrominated diphenyl ethers and polybrominated dibenzo-*p*-dioxins/dibenzofurans in marine products

Blanca J, Munoz P, Morgado M, Mendez N, Aranda A, Reuvers T, Hooghuis H// Spanish Authority Food Safety, Natl Food Ctr, Ctra Pozuelo-Majadahonda km 5, ES-28220 Majadahonda, Madrid, Spain

Anal Chim Acta 2005 **529** (1-2) 199

Determination of clenbuterol, ractopamine and zilpaterol in liver and urine by liquid chromatography tandem mass spectrometry

Cherlet M, De Baere S, Croubels S, De Backer P// State Univ Ghent, Fac Vet Med, Dept Pharmacol Pharm & Toxicol, Salisburylaan 133, BE-9820 Merelbeke, Belgium

Anal Chim Acta 2005 **529** (1-2) 361

Quantitative determination of dexamethasone in bovine plasma and tissues by liquid chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry to monitor residue depletion kinetics

Croubels S, Maes A, Baert K, De Backer P// State Univ Ghent, Fac Vet Med, Dept Pharmacol Pharm & Toxicol, Salisburylaan 133, BE-9820 Merelbeke, Belgium

Anal Chim Acta 2005 **529** (1-2) 179

Quantitative determination of salicylic acid and metabolites in animal tissues by liquid chromatography-tandem mass spectrometry

De Baere S, Wassink P, Croubels S, De Boever S, Baert K, De Backer P// State Univ Ghent, Fac Vet Med, Dept Pharmacol Pharm & Toxicol, Salisburylaan 133, BE-9820 Merelbeke, Belgium

Anal Chim Acta 2005 **529** (1-2) 221

Quantitative liquid chromatographic-mass spectrometric analysis of amoxicillin in broiler edible tissues

Dowling G, Cantwell H, O'Keefe M*, Smyth MR// *Teagasc, Natl Food Ctr, Dublin 15, Rep Ireland

Anal Chim Acta 2005 **529** (1-2) 285

Multi-residue method for the determination of benzimidazoles in bovine liver

Ferguson J, Baxter A, Young P, Kennedy G, Elliott C, Weigel S, Gatermann R, Ashwind H, Stead S, Sharman M// XenoSense Ltd, Innovat Ctr, Unit 18, Titanic Quarter, Queens Rd, Queens Isl, Belfast BT3 9DT, Northern Ireland

Anal Chim Acta 2005 **529** (1-2) 109

Detection of chloramphenicol and chloramphenicol glucuronide residues in poultry muscle, honey, prawn and milk using a surface plasmon resonance biosensor and Qflex® kit chloramphenicol

Forti AF, Campana G, Simonella A, Multari M, Scortichini G// *Ist Zooprofilatt Spérimentale Abruzzo & Molise G Caporale, Via Campo Boario, IT-64100 Teramo, Italy

Anal Chim Acta 2005 **529** (1-2) 257

Determination of chloramphenicol in honey by liquid chromatography-tandem mass spectrometry

Garcia RS, Lamela CP, Losada PP// *Univ Santiago de Compostela, Pharm Fac, Analyt Chem Nutr & Bromatol Dept, Campus Sur, ES-15782 Santiago de Compostela, Spain

Rapid Commun Mass Spectrom 2005 **19** (11) 1569

Determination of bisphenol F diglycidyl ether and related compounds by high-performance liquid chromatography/mass spectrometry (Letter)

Gaudin V, Cadieu N, Sanders P// AFSSA, LERMVD, Community Reference Lab Antimicrobial Residues Food, BP 90203, FR-35302 Fougeres, France

Anal Chim Acta 2005 **529** (1-2) 273

Results of a European proficiency test for the detection of streptomycin/dihydrostreptomycin, gentamicin and neomycin in milk by ELISA and biosensor methods

Ge S, Tang F, Yue YD, Hua RM, Zhang R// Int Ctr Bamboo & Rattan, CN-100102 Beijing, Peoples Rep China

J Planar Chromatogr Mod TLC 2004 **17** (5) 365

HP TLC determination of pyrethroid residues in vegetables

Hagren V, Connolly L, Elliott CT, Lovgren T, Tuomola M// Univ Turku, Dept Biotechnol, Tykistokatu 6A, FI-20520 Turku, Finland

Anal Chim Acta 2005 **529** (1-2) 21

Rapid screening method for halofuginone residues in poultry eggs and liver using time-resolved fluorometry combined with the all-in-one dry chemistry assay concept

Kootstra PR, Kuijpers CJPF, Wubs KL, Van Doorn D, Sterk SS, Van Ginkel LA, Stephany RW// Natl Inst Publ Hlth & Environm, RIVM, Lab Food & Residue Anal, POB 1, NL-3720 BA Bilthoven, The Netherlands

Anal Chim Acta 2005 **529** (1-2) 75

The analysis of β -agonists in bovine muscle using molecular imprinted polymers with ion trap LCMS screening

Mahedero MC, Diaz NM, De la Pena AM, Mansilla AE, Gomez DG, Gil DB// *Univ Extremadura, Dept Analyt Chem, ES-06071 Badajoz, Spain

Talanta 2005 **65** (3) 806

Strategies for solving matrix effects in the analysis of sulfathiazole in honey samples using three-way photochemically induced fluorescence data

Mak KKW, Yanase H, Renneberg R// Hong Kong Univ Sci & Technol, Dept Chem, Biosensors & Bioelect Lab, Clear Water Bay, Hong Kong, Peoples Rep China

Microchim Acta 2005 **149** (1-2) 131

Novel optical biotest for determination of cyanide traces in marine fish using microbial cyanide hydratase and formate dehydrogenase

Makeswaran S, Patterson I, Points J// *Lab Govt Chemist, Queens Rd, Teddington TW11 0LY, England

Anal Chim Acta 2005 **529** (1-2) 151

An analytical method to determine conjugated residues of ceftiofur in milk using liquid chromatography with tandem mass spectrometry

Marchioni E, Horvatovich N, Charon H, Kuntz F// Fac Pharm, Lab Chim Analyt & Sci Aliment, UMR 7512, 74 Route Rhin, FR-67400 Illkirch Graffenstaden, France

J Agric Food Chem 2005 **53** (10) 3769

Detection of irradiated ingredients included in low quantity in non-irradiated food matrix. 1. Extraction and ESR analysis of bones from mechanically recovered poultry meat

Marchioni E, Horvatovich N, Charon H, Kuntz F// Address as above

J Agric Food Chem 2005 **53** (10) 3774

Detection of irradiated ingredients included in low quantity in non-irradiated food matrix. 2. ESR analysis of mechanically recovered poultry meat and TL analysis of spices

McGrath T, Baxter A, Ferguson J, Haughey S, Bjurling P// XenoSense Ltd, Innovat Ctr, Unit 18, Titanic Quarter, Queens Rd, Queens Isl, Belfast BT3 9DT, Northern Ireland

Anal Chim Acta 2005 **529** (1-2) 123

Multi sulfonamide screening in porcine muscle using a surface plasmon

resonance biosensor

Mortier L, Daeseleire E, Van Peteghem C// Minist Flemish Community, Agr Res Ctr Ghent, Dept Anim Prod Qual & Transformat Technol, Brusselsesteenweg, BE-9090 Melle, Belgium

Anal Chim Acta 2005 **529** (1-2) 229

Determination of the coccidiostat diclazuril in poultry feed and meat by liquid chromatography-tandem mass spectrometry

Peippo P, Lovgren T, Tuomola M// Univ Turku, Dept Biotechnol, Biocity 6a, FI-20520 Turku, Finland

Anal Chim Acta 2005 **529** (1-2) 27

Rapid screening of narasin residues in poultry plasma by time-resolved fluoroimmunoassay

Pena A, Pelantova N, Lino CM, Silveira MIN, Solich P// Univ Coimbra, Fac Pharm, Grp Bromatol, Ctr Pharmaceut Studies, PT-3000 Coimbra, Portugal
J Agric Food Chem 2005 **53** (10) 3784

Validation of an analytical methodology for determination of oxytetracycline and tetracycline residues in honey by HPLC with fluorescence detection

Pena F, Cardenas S, Gallego M, Valcarcel M// *Univ Cordoba, Dept Analyt Chem, Campus Rabanales, Edificio Anexo C-3, ES-14071 Cordoba, Spain

Anal Chim Acta 2004 **526** (1) 77

Direct screening of olive oil samples for residual benzene hydrocarbon compounds by headspace-mass spectrometry

Polzer J, Gowik P// *Fed Inst Consumer Protect & Food Safety, EU Reference Lab Residues Vet Drugs, Diederdsorfer Weg 1, DE-12277 Berlin, Germany

Anal Chim Acta 2005 **529** (1-2) 299

Nitroimidazoles in turkey muscle - The influence of sampling conditions on measurement results in residue control

Reig M, Batlle N, Navarro JL, Toldra F// *Inst Agroquim & Tecnol Alimentos - CSIC, POB 73, ES-46100 Burjassot, Valencia, Spain

Anal Chim Acta 2005 **529** (1-2) 293

Stability of β -agonist methyl boronic derivatives before gas chromatography-mass spectrometry analysis

Sanches-Silva A, Sendon-Garcia R, Lopez-Hernandez J, Paseiro-Losada P// *Univ Santiago de Compostela, Fac Pharm, Dept Analyt Chem Nutr & Food Sci, ES-15782 Santiago de Compostela, Spain

J Sep Sci 2005 **28** (1) 65

Determination of triclosan in foodstuffs

Santos L, Barbosa J, Castilho MC, Ramos F*, Ribeiro CAF, Da Silveira MIN// *Univ Coimbra, Fac Pharm, Rua Norte, PT-3000-295 Coimbra, Portugal

Anal Chim Acta 2005 **529** (1-2) 249

Determination of chloramphenicol residues in rainbow trouts by gas chromatography-mass spectrometry and liquid chromatography-tandem mass spectrometry

Scherpenisse P, Bergwerff AA// *Univ Utrecht, Fac Vet Med, Dept Publ Hlth & Food Safety, POB 80175, NL-3508 TD Utrecht, The Netherlands

Anal Chim Acta 2005 **529** (1-2) 173

Determination of residues of malachite green in finfish by liquid chromatography-tandem mass spectrometry

Stead S, Richmond S, Sharman M, Stark J, Geijp E// DEFRA, Cent Sci Lab, Sand Hutton YO41 1LZ, England

Anal Chim Acta 2005 **529** (1-2) 83

A new approach for detection of antimicrobial drugs in food: Premi®Test coupled to scanner technology

Suhren G, Knappstein K// Fed Res Ctr Nutr & Food, Inst Hyg & Food Safety, Hermann Weigmann Str 1, DE-24103 Kiel, Germany

Anal Chim Acta 2005 **529** (1-2) 97

Detection of colistin in spiked and incurred milk samples by LC- and ELISA-technique

Turnipseed SB, Roybal JE, Andersen WC, Kuck LR// US/FDA, Anim Drugs Res Ctr, POB 25087, Denver, Co 80225, USA

Anal Chim Acta 2005 **529** (1-2) 159

Analysis of avermectin and moxidectin residues in milk by liquid chromatography-tandem mass spectrometry using an atmospheric pressure chemical ionization/atmospheric pressure photoionization source

Van Hoop N, De Wasch K, Okerman L, Reybroeck W, Poelmans S, Noppe H, De Brabander H// *State Univ Ghent, Dept Vet Publ Hlth & Food Safety, Lab Chem Anal, Salisburylaan 133, BE-9820 Merelbeke, Belgium

Anal Chim Acta 2005 **529** (1-2) 265

Validation of a liquid chromatography-tandem mass spectrometric method for the quantification of eight quinolones in bovine muscle, milk and aquacultured products

9. Toxins/Allergens

Calbiani F, Careri M, Elviri L*, Mangia A, Pistara L, Zagnoni I// *Univ Parma, Dipt Chim Gen & Inorgan Chim Analit Chim, Parco Area Sci 17/A, IT-43100 Parma, Italy

J Agric Food Chem 2005 **53** (10) 3779

Rapid assay for analyzing biogenic amines in cheese: Matrix solid-phase dispersion followed by liquid chromatography-electrospray-tandem mass spectrometry

Hirao T, Imai S, Sawada H, Shiomi N, Hachimura S, Kato H// House Foods Corp, Somatech Ctr, 1-4 Takanodai, Yotsukaido shi, Chiba 284 0033, Japan

Biosci Biotechnol Biochem 2005 **69** (4) 724

PCR method for detecting trace amounts of buckwheat (*Fagopyrum* spp.) in food

10. Additives

Pintea A, Varga A, Stepnowski P, Socaciu C, Culea M, Diehl HA// Univ Agr Sci & Vet Med, Dept Chem & Biochem, Manastur 3-5, RO-3400 Cluj-Napoca, Romania

Phytochem Anal 2005 **16** (3) 188

Chromatographic analysis of carotenol fatty acid esters in *Physalis alkekengi* and *Hippophae rhamnoides*

Situ C, Elliott CT// Queens Univ Belfast, Dept Vet Sci, Belfast BT4 3SD, Northern Ireland

Anal Chim Acta 2005 **529** (1-2) 89

Simultaneous and rapid detection of five banned antibiotic growth promoters by immunoassay

Van Poucke C, Dumoulin F, Van Peteghem C// State Univ Ghent, Fac Pharmaceut Sci, Lab Food Anal, Harelbekestr 72, BE-9000 Ghent, Belgium

Anal Chim Acta 2005 **529** (1-2) 211

Detection of banned antibacterial growth promoters in animal feed by liquid chromatography-tandem mass spectrometry: Optimisation of the extraction solvent by experimental design

11. Flavours & aromas

Aznar M, Tsachaki M, Linforth RST*, Ferreira V, Taylor AJ// *Univ Nottingham, Sch Biosci, Div Food Sci, Samworth Flavor Lab, Sutton Bonington Campus, Loughborough LE12 5RD, England

Int J Mass Spectrom 2004 **239** (1) 17

Headspace analysis of volatile organic compounds from ethanolic systems by direct APCI-MS

Benedetti S, Pompei C, Mannino S// *Univ Milan, Dept Food Sci & Technol, Via Celoria 2, IT-20133 Milan, Italy

Electroanalysis 2004 **16** (21) 1801

Comparison of an electronic nose with the sensory evaluation of food products by "triangle test"

Boscai E, Mikoviny T, Wisthaler A, Von Hartungen E, Mark TD// *Innsbruck Univ, Inst Ionenphys, Technikerstr 25, AT-6020 Innsbruck, Austria

Int J Mass Spectrom 2004 **239** (2-3) 215

Characterization of wine with PTR-MS

Jaksch D, Hartungen E, Mikoviny T, Abel G, Mark TD// *Innsbruck Univ, Inst Ionenphys, Technikerstr 25, AT-6020 Innsbruck, Austria

Int J Mass Spectrom 2004 **239** (2-3) 203

Quality control of a herb extract using PTR-MS

Jelen HH, Dabrowska A, Klensporf D, Nawrocki J, Wasowicz E// August Cieszkowski Agr Univ Poznan, Inst Food Technol, ul Wojska Polskiego 31, PL-60624 Poznan, Poland
Chem Anal 2004 **49** (6) 869

Determination of C3-C10 aliphatic aldehydes using PFBHA derivatization and solid phase microextraction (SPME). Application to the analysis of beer

Pena RM, Barciela J, Herrero C, Garcia-Martin S// *Univ Santiago de Compostela, Fac Ciencias, Dept Quim Analit Nutr & Bromatol, Av Alfonso X El Sabio s/n, ES-27002 Lugo, Spain

J Sep Sci 2004 **27** (17-18) 1540

Solid-phase microextraction gas chromatography/mass spectrometry determination of monoterpenes in honey

Rocha SM, Ganito S, Barros A, Carapuca HM, Delgadillo I// Univ Aveiro, Dept Quim, PT-3810-193 Aveiro, Portugal

Anal Chim Acta 2005 **528** (2) 147

Study of cork (from *Quercus suber* L.) wine model interactions based on

voltammetric multivariate analysis

Van Ruth SM, Buhr K// Natl Univ Ireland, Univ Coll Cork, Dept Food & Nutr Sci, Western Rd, Cork, Rep Ireland

Int J Mass Spectrom 2004 **239** (2-3) 187

Influence of mastication rate on dynamic flavour release analysed by combined model mouth/proton transfer reaction-mass spectrometry

12. Organic acids

Serra F, Reniero F, Guillou CG, Moreno JM, Marinas JM, Vanhaecke F// European Commission, Joint Res Ctr, Inst Hlth & Consumer Protect, Phys & Chem Exposure Unit, BEVABS, TP740, Via Fermi 2, IT-21020 Ispra, Italy
Rapid Commun Mass Spectrom 2005 **19** (10) 1227

¹³C and ¹⁸O isotopic analysis to determine the origin of L-tartaric acid

13. Animal products

Garcia-Rey RM, Garcia-Olmo J, De Pedro E, Quiles-Zafra R, Luque de Castro MD*// *Univ Cordoba, Dept Analyt Chem, Marie Curie Bldg, Campus Rabanales, Annex C-3, ES-14071 Cordoba, Spain

Meat Sci 2005 **70** (2) 357

Prediction of texture and colour of dry-cured ham by visible and near infrared spectroscopy using a fiber optic probe

Laghi L, Cremonini MA, Placucci G, Sykora S, Wright K, Hills B*// *Food Res Inst, Norwich Res Pk, Norwich NR4 7UA, England

Magn Reson Imaging 2005 **23** (3) 501

A proton NMR relaxation study of hen egg quality

Santos DM, Pedroso MM, Costa LM, Nogueira ARA, Nobrega JA*// *Univ Fed Sao Carlos, Dept Quim, Grp Analise Instrumental Aplicada, Caixa Postal 676, BR-13560-970 Sao Carlos, SP, Brazil

Talanta 2005 **65** (2) 505

A new procedure for bovine milk digestion in a focused microwave oven: Gradual sample addition to pre-heated acid

Sebastian A, Viallon-Fernandez C, Toumayre P, Berge P, Sanudo C, Sanchez A, Berdague JL*// *INRA, Unite Rech Viande, Ctr Clermont Ferrand Theix, FR-63122 St Genes Champanelle, France

J Anal Appl Pyrol 2004 **72** (2) 203

Evaluation of collagen and lipid contents and texture of meat by Curie point pyrolysis-mass spectrometry

Shintu L, Caldarelli S// Univ Aix Marseille I&II, TRACES, JE 2421, Site St Jerome, Serv 511, FR-13013 Marseille, France

J Agric Food Chem 2005 **53** (10) 4026

High-resolution MAS NMR and chemometrics: Characterization of the ripening of Parmigiano Reggiano cheese

Verzera A, Ziino M, Conduro C, Romeo V, Zappala M// Univ Messina, Dipt Chim Organ & Biol, Salita Sperone 31, IT-96168 Messina, Italy

Anal Bioanal Chem 2004 **380** (7-8) 930

Solid-phase microextraction and gas chromatography-mass spectrometry for rapid characterisation of semi-hard cheeses

14. Plant & microbial products

Adhikari DP, Francis JA, Schutzki RA, Chandra A, Nair MG*// *Access Business Grp, Dept Analyt Sci, Chem Serv, Ada, Mi 49355, USA

Phytochem Anal 2005 **16** (3) 175

Quantification and characterisation of cyclo-oxygenase and lipid peroxidation inhibitory anthocyanins in fruits of *Amelanchier*

Alonso-Salces RM, Barranco A, Corta E, Berrueta LA, Gallo B*, Vicente F// *Univ Pais Vasco, Fac Ciencias & Tecnol, Dept Quim Analit, POB 644, ES-48080 Bilbao, Spain

Talanta 2005 **65** (3) 654

A validated solid-liquid extraction method for the HPLC determination of polyphenols in apple tissues - Comparison with pressurised liquid extraction

Clifford MN, Knight S, Kuhnert N// Univ Surrey, Ctr Nutr & Food Safety, Guildford GU2 7XH, England

J Agric Food Chem 2005 **53** (10) 3821

Discriminating between the six isomers of dicaffeoylquinic acid by LC-MSⁿ

Cortacero-Ramirez S, Segura-Carretero A*, Cruces-Blanco C, Romero-Romero M, Fernandez-Gutierrez A// *Univ Granada, Fac Sci, Dept Analyt Chem, ES-18071 Granada, Spain

Anal Bioanal Chem 2004 **380** (5-6) 831

Simultaneous determination of multiple constituents in real beer samples of

different origins by capillary zone electrophoresis

Cui T, Nakamura K*, Ma L, Li JZ, Kayahara H// *Shinshu Univ, Grad Sch Agr, Div Food Funct Anal, Nagano 399 4598, Japan

J Agric Food Chem 2005 **53** (10) 3882

Analyses of arbutin and chlorogenic acid, the major phenolic constituents in oriental pear

Dugo P, Favoino O, Lo Presti M, Luppino R, Dugo G, Mondello L*// *Univ Messina, Fac Farm, Dipt Farm Chim, Viale Annunziata, IT-98168 Messina, Italy

J Sep Sci 2004 **27** (17-18) 1458

Determination of anthocyanins and related components in red wines by micro- and capillary HPLC

Germini A, Rossi S, Zanetti A, Corradini R, Fogher C, Marchelli R*// *Univ Parma, Dipt Chim Organ & Ind, Parco Area Sci 17/A, IT-43100 Parma, Italy

J Agric Food Chem 2005 **53** (10) 3958

Development of a peptide nucleic acid array platform for the detection of genetically modified organisms in food

Huang CC, Pan TM*// *Natl Taiwan Univ, Inst Microbiol & Biochem, 1 Sec 4 Roosevelt Rd, Taipei 106, Taiwan

J Agric Food Chem 2005 **53** (10) 3833

Event-specific real-time detection and quantification of genetically modified Roundup Ready soybean

Hubert J, Berger M*, Daye J// *UMR INRA/ESAP 1054, Lab Agrophysiol, FR-31076 Toulouse, France

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