

## Bibliography of analytical, nutritional and clinical methods

(3 weeks journals. Search completed at 7th. July 2004)

### 1. Books, reviews & symposia

Cubadda F// Ist Super Sanita, Natl Ctr Food Qual & Risk Assessment, Viale Regina Elena 299, IT-00161 Rome, Italy  
*J AOAC Int* 2004 **87** (1) 173  
Inductively coupled plasma-mass spectrometry for the determination of elements and elemental species in food: A review

### 2. General

Farrington D, Jervis A, Shelley S, Damant A, Wood R, Thompson M\*// \*Univ London Birkbeck Coll, Sch Biol & Chem Sci, Malet St, London WC1E 7HX, England  
*Analyst* 2004 **129** (4) 359  
A pilot study of routine quality control of sampling by the SAD method, applied to packaged and bulk foods  
Saldanha LG, Betz JM, Coates PM// NIH, Off Dietary Supplements, 6100 Executive Blvd, Rm 3B01, MSC 7517, Bethesda, Md 20892, USA  
*J AOAC Int* 2004 **87** (1) 162  
Development of the analytical methods and reference materials program for dietary supplements at the National Institutes of Health

### 3. Amino acids, proteins & enzymes

Adams WR, Huang SS\*, Kriz AL, Luethy MH// \*Mystic Res, Monsanato Co, 62 Maritime Dr, Mystic, Ct 06355, USA  
*J Agric Food Chem* 2004 **52** (7) 1842  
Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry analysis of zeins in mature maize kernels  
Aristoy MC, Toldra F\*// \*Inst Agroquim & Tecnol Alimentos - CSIC, Apartado Correos 73, ES-46100 Valencia, Spain  
*Meat Sci* 2004 **67** (2) 211  
Histidine dipeptides HPLC-based test for the detection of mammalian origin proteins in feeds for ruminants  
Bazinot L, Ippersiel D, Mahdavi B// Univ Laval, INAF, Dept Food Sci & Nutr, Pavillon Paul Comtois, St Foy, Quebec, Canada G1K 7P4  
*J Agric Food Chem* 2004 **52** (7) 1980  
Effect of conductivity control on the separation of whey proteins by bipolar membrane electroacidification  
Harrington CF, Elahi S, Merson SA, Ponnampalavanar P// Canc Biomarkers & Prevent Grp, BioCtr, Univ Rd, Leicester LE1 7RH, England  
*J AOAC Int* 2004 **87** (1) 253  
Quantitative analysis of iron-containing protein myoglobin in different food-stuffs by liquid chromatography coupled to high-resolution inductively coupled plasma mass spectrometry  
Johns P, Phillips R, Dowlati L// Abbott Labs, Ross Prod Div, 3300 Stelzer Rd, Columbus, Oh 43219, USA  
*J AOAC Int* 2004 **87** (1) 123  
Direct determination of free methionine in soy-based infant formula

Polo J, Saborido N, Rodenas J, Rodriguez C// APC Europe SA, R&D Dept, Avda Sant Julia 246-258, Pol Ind El Congost, Granollers, Spain  
*J AOAC Int* 2004 **87** (1) 78  
Determination of the presence of bovine immunoglobulin G in liquid or spray-dried porcine plasma and whole blood by agar gel immunodiffusion  
Zhao Y, Ma CY\*, Yuen SN, Phillips DL// \*Univ Hong Kong, Dept Bot, Hong Kong, Peoples Rep China  
*J Agric Food Chem* 2004 **52** (7) 1815  
Study of succinylated food proteins by Raman spectroscopy

### 4. Carbohydrates

Cao Y, Wang Y, Chen X, Ye J// Sthn Yangze Univ, Sch Chem & Mat Engr, Huihe Rd 170, CN-214036 Wuxi, Peoples Rep China  
*Food Chem* 2004 **86** (1) 131  
Study on sugar profile of rice during ageing by capillary electrophoresis with electrochemical detection

### 5. Lipids

Burkard I, Rentsch KM\*, Von Eckardstein A// \*Univ Zurich Hosp, Inst Clin Chem, CH-8091 Zurich, Switzerland  
*J Lipid Res* 2004 **45** (4) 776  
Determination of 24S- and 27-hydroxycholesterol in plasma by high-performance liquid chromatography-mass spectrometry  
Dionisi F, Golay PA, Hug B, Baumgartner M, Callier P, Destaillets F\*// \*Nestle Res Ctr, Vers-chez-les-Blanc, Lausanne, Switzerland  
*J Agric Food Chem* 2004 **52** (7) 1835  
Triacylglycerol analysis for the quantification of cocoa butter equivalents (CBE) in chocolate: Feasibility study and validation  
Garcia-Gonzalez DL, Aparicio R// Inst Grasa, Padre Garcia Tejero, ES-441012 Seville, Spain  
*Eur Food Res Technol* 2004 **218** (5) 484  
Classification of different quality virgin olive oils by metal-oxide sensors  
Kosugi Y, Oshima A, Koike S, Fukatsu M, Minami K, Miyake Y, Masui K// Natl Inst Adv Ind Sci & Technol, 1-1 Higashi, Tsukuba, Ibaraki 305 8566, Japan  
*J Am Oil Chem Soc* 2004 **81** (3) 235  
Use of *Rhizopus delemar* lipase as compared with other lipases for determination of sn-2 fatty acids in triacylglycerol  
Kowalski B, Ratusz K, Kowalska D, Bekas W// Univ Agr - SGGW, Dept Food Technol, 159C Nowoursynowska St, PL-02787 Warsaw, Poland  
*Eur J Lipid Sci Technol* 2004 **106** (3) 165  
Determination of the oxidative stability of vegetable oils by differential scanning calorimetry and Rancimat measurements  
Luque-Garcia JL, De Castro MDL// Univ Cordoba, Dept Analyt Chem, Campus Rabanales, Marie Curie Bldg Annex, ES-14071 Cordoba, Spain  
*J Chromatogr A* 2004 **1034** (1-2) 237  
Ultrasound-assisted Soxhlet extraction: An expeditive approach for solid sample treatment - Application to the extraction of total fat from oleaginous seeds

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.

Ozgul-Yucel S, Proctor A\*// \*Univ Arkansas, Dept Food Sci, 2650 Young Ave, Fayetteville, Ar 72704, USA

*J Am Oil Chem Soc* 2004 **81** (3) 221

Rice bran FFA determination by diffuse reflectance IR spectroscopy

Sayago A, Morales MT\*, Aparicio R// \*Univ Seville, Fac Pharm, Dept Analyt Chem, C/ Prof Garcia Gonzalez 2, ES-41012 Seville, Spain

*Eur Food Res Technol* 2004 **218** (5) 480

Detection of hazelnut oil in virgin olive oil by a spectrofluorimetric method

## 6. Vitamins & co-factors

Ghasemi J, Seraji HR, Noroozi M, Hashemi M, Jabbari A\*// \*Razi Univ, Fac Sci, Dept Chem, Kermanshah, Iran

*Anal Lett* 2004 **37** (4) 725

Differential kinetic spectrophotometric determinations of ascorbic acid and L-cysteine by partial least squares method

Ortega H, Coperias JL, Castilla P, Gomez-Coronado D, Lasuncion MA\*// \*Hosp Ramon y Cajal, Serv Bioquim Invest, Ctra Colmenar km 9, ES-28034 Madrid, Spain

*J Chromatogr B* 2004 **803** (2) 249

Liquid chromatographic method for the simultaneous determination of different lipid-soluble antioxidants in human plasma and low-density lipoproteins

Vinas P, Balsalobre N, Lopez-Erroz C, Hernandez-Cordoba M\*// \*Univ Murcia, Fac Chem, Dept Analyt Chem, ES-30071 Murcia, Spain

*J Agric Food Chem* 2004 **52** (7) 1789

Liquid chromatographic analysis of riboflavin vitamers in foods using fluorescence detection

## 7. Trace elements & minerals

Bollinger DW, Tsunoda A, Ledoux DR, Eilersieck MR, Veum TL\*// \*Univ Missouri, Dept Animal Science & Agr Experimental Stn, Columbia, Mo 65211, USA

*J Agric Food Chem* 2004 **52** (7) 1804

A simple *in vitro* test tube method for estimating the bioavailability of phosphorus in feed ingredients for swine

Cubadda F// Ist Super Sanita, Natl Ctr Food Qual & Risk Assessment, Viale Regina Elena 299, IT-00161 Rome, Italy

*J AOAC Int* 2004 **87** (1) 172

Inductively coupled plasma-mass spectrometry: A powerful analytical tool for the research on trace element and their species in food

Dugo G, La Pera L, Lo Turco V, Di Bella G, Salvo F// Univ Messina, Dept Chim Organ & Biol, Salita Sperone 31, IT-98166 Messina, Italy

*J Agric Food Chem* 2004 **52** (7) 1829

Determination of Ni (II) in beverages without any sample pretreatment by adsorptive stripping chronopotentiometry (AdSCP)

Herzog G, Arrigan DWM\*// \*Natl Univ Ireland, Univ Coll Cork, NMRC, Lee Maltings, Prospect Row, Cork, Rep Ireland

*Anal Lett* 2004 **37** (4) 591

Application of the disorganized monolayer gold electrode to copper determination in white wine

Jos A, Moreno I, Gonzalez AG, Lopez-Artiguez M, Camean AM\*// \*Univ Seville, Fac Farm, Area Toxicol, C/ Prof Garcia Gonzalez 2, ES-41012 Seville, Spain

*Eur Food Res Technol* 2004 **218** (5) 448

Study of the mineral profile of Catalanian "brut" cava using atomic spectrometric methods

Kira CS, Maio FD, Maihara VA// Inst Adolfo Lutz Registro, Div Bromatol & Quim, Avda Dr Arnaldo 355, BR-01246-902 Sao Paulo, SP, Brazil

*J AOAC Int* 2004 **87** (1) 151

Comparison of partial digestion procedures for determination of Ca, Cr, Cu, Fe, K, Mg, Mn, Na, P and Zn in milk by inductively coupled plasma-optical emission spectrometry

Mayer H, Marconi O\*, Floridi S, Montanari L, Fantozzi P// \*Univ Perugia, Fac Agr, CERB, Via S Constanzo, IT-06126 Perugia, Italy

*J Inst Brew* 2004 **109** (4) 332

Determination of Cu(II) in beer by derivative potentiometric stripping analysis

Meija J, Mounicou S, Caruso JA\*// \*Univ Cincinnati, McMicken Coll Arts & Sci, Dept Chem, Cincinnati, Oh 45221, USA

*J AOAC Int* 2004 **87** (1) 205

Plasma spectrometry for elemental speciation and characterization in beverages

Polatajko A, Szpunar J\*// \*Equipe Chim Bioinorgan Analyt, UMR CNRS 5034, Helioparc 2, Ave Pr Angot, FR-64053 Pau, France

*J AOAC Int* 2004 **87** (1) 233

Speciation of arsenic in chicken meat by anion-exchange liquid chromatography with inductively coupled plasma-mass spectrometry

Rattanachongkiat S, Millward GE, Foulkes ME\*// \*Univ Plymouth, Sch Earth Ocean & Environm Sci, Plymouth PL4 8AA, England

*J Environ Monit* 2004 **6** (4) 254

Determination of arsenic species in fish, crustacean and sediment samples from Thailand using high performance liquid chromatography (HPLC) coupled with inductively coupled plasma mass spectrometry (ICP-MS)

Soldin OP, Bierbower LH, Choi JJ, Choi JJ, Thompson-Hoffman S, Soldin SJ// Georgetown Univ Med Ctr, Lombardy Ctr, Box 571465, 3800 Reservoir Rd, Washington, DC 20007, USA

*Clin Chim Acta* 2004 **342** (1-2) 211

Serum iron, ferritin, transferrin, total iron binding capacity, hs-CRP, LDL cholesterol and magnesium in children: New reference intervals using the Dade Dimension Clinical Chemistry System

Tokusoglu O, Aycan S, Akalin S, Kocak S, Ersoy N// Celal Bayar Univ, TR-45200 Manisa, Turkey

*J Agric Food Chem* 2004 **52** (7) 1795

Simultaneous differential pulse polarographic determination of cadmium, lead, and copper in milk and dairy products

Vela NP, Heitkemper DT// US/FDA, Forensic Chem Ctr, 6751 Steger Dr, Cincinnati, Oh 45237, USA

*J AOAC Int* 2004 **87** (1) 244

Total arsenic determination and speciation in infant food products by ion chromatography-inductively coupled plasma-mass spectrometry

Vieira EC, Nogueira RA\*// \*Embrapa Pecuarua Sudeste, Grp Anal Instrumental, CP 339, BR-13560-970 Sao Carlos, SP, Brazil

*J Agric Food Chem* 2004 **52** (7) 1800

Orthophosphate, phytate, and total phosphorus determination in cereals by flow injection analysis

Vinas P, Lopez-Garcia I, Merino-Merono B, Campillo N, Hernandez-Cordoba M\*// \*Univ Murcia, Fac Chem, Dept Analyt Chem, ES-30071 Murcia, Spain

*J Environ Monit* 2004 **6** (4) 262

Liquid chromatography-hydride generation-atomic absorption spectrometry for the speciation of tin in seafoods

Wrobel K, Wrobel K, Kannamkumarath SS, Caruso JA\*, Wysocka IA, Bulska E, Swiatek J, Wierzbicka M// \*Univ Cincinnati, Dept Chem, PO Box 0172, Cincinnati, Oh 45221, USA

*Food Chem* 2004 **86** (4) 617

HPLC-ICP-MS speciation of selenium in enriched onion leaves - A potential dietary source of Se-methylselenocysteine

## 8. Drug, biocide & processing residues

Andrzejewski D, Roach JAG, Gay ML, Musser SM// US/FDA, Instrumentat & Biophys Branch, HFS-717, Ctr Food Safety & Appl Nutr, 5100 Paint Branch Pkwy, College Park, Md 20740, USA

*J Agric Food Chem* 2004 **52** (7) 1996

Analysis of coffee for the presence of acrylamide by LC-MS/MS

Barranco A, Alonso-Salces RM, Corta E, Berrueta LA\*, Gallo B, Vicente F, Sarobe M// \*Univ Basque Country, Fac Sci, Dept Analyt Chem, PO Box 644, ES-48080 Bilbao, Spain

*Food Chem* 2004 **86** (3) 465

Comparison of donor-acceptor and alumina columns for the clean-up of polycyclic aromatic hydrocarbons from edible oils

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

*J AOAC Int* 2004 **87** (1) 107

Development and single-laboratory validation of a reversed-phase liquid chromatography-electrospray-tandem mass spectrometry method for identification and determination of acrylamide in foods

Ebel JG, Wachs T, Henion JD// Cornell Univ, Coll Vet Med, 927 Warren Dr, Ithaca, NY 14850, USA

*J AOAC Int* 2004 **87** (1) 25

Rapid forensic selected reaction monitoring liquid chromatography/mass spec-

trometry determination of ionophore antibiotics found at toxic levels in animal feeds

Franco RWA, Martin-Neto L, Kato MSA, Furlan GR, Walder JMM, Colnago LA// Embrapa Instrumentacao Agropecuaria, CP 741, BR-13560-970 Sao Carlos, SP, Brazil

*Int J Food Sci Technol* 2004 **39** (4) 395

Identification of irradiation treatment in black pepper by electron paramagnetic resonance

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

*J Chromatogr A* 2004 **1032** (1-2) 37

Determination of bisphenol A diglycidyl ether and its hydrolysis and chloro-hydroxy derivatives by liquid chromatography mass spectrometry

Horie M, Saito H, Natori T, Nagata J, Nakazawa H// Saitama Prefectural Inst Publ Hlth, 639-1 Kamiokubo, Sakura ku, Saitama 338 0824, Japan

*J Liq Chromatogr Relat Technol* 2004 **27** (5) 863

Determination of streptomycin and dihydrostreptomycin in honey by liquid chromatography-electrospray mass spectrometry

Idowu OR, Peggins JO// US/FDA, Ctr Vet Med, 8401 Muirkirk Rd, Laurel, Md 20708, USA

*J Pharm Biomed Anal* 2004 **35** (1) 143

Simple, rapid determination of enrofloxacin and ciprofloxacin in bovine milk and plasma by high-performance liquid chromatography with fluorescence detection

Maity A, Mukherjee I\*// \*Indian Agr Res Inst, Div Agr Chem, IN-110012 New Delhi, India

*J AOAC Int* 2004 **87** (1) 157

Liquid chromatographic determination of iprovalicarb in cabbage and soil

Marazuela MD, Moreno-Bondi MC// Univ Complutense Madrid, Fac Chem, Dept Analytical Chemistry, Laboratory Optical Sensors, ES-28040 Madrid, Spain

*J Chromatogr A* 2004 **1034** (1-2) 25

Multiresidue determination of fluoroquinolones in milk by column liquid chromatography with fluorescence and ultraviolet absorbance detection

Nardelli V, Palermo C, Centonze D// Ist Zooprofilatt Sperimentale Puglia & Basilicata, Via Manfredonia 20, IT-71100 Foggia, Italy

*J Chromatogr A* 2004 **1034** (1-2) 33

Rapid multiresidue extraction method of organochlorinated pesticides from fish feed

Okuyama M, Kobayashi N\*, Takeda W, Anjo T, Matsuki Y, Goto J, Kamegawa A, Hod S// \*Kobe Pharmaceut Univ, 4-19-1 Motoyama Kitamachi, Higashinada ku, Kobe, Hyogo 658 8558, Japan

*Anal Chem* 2004 **76** (7) 1948

Enzyme-linked immunosorbent assay for monitoring toxic dioxin congeners in milk based on a newly generated monoclonal anti-dioxin antibody

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

*J AOAC Int* 2004 **87** (1) 39

Evaluation of analyte stability and method ruggedness in the determination of streptomycin residues in honey by liquid chromatography with post-column derivatization

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

*J Agric Food Chem* 2004 **52** (7) 1824

Rapid time-resolved fluorimmunoassay for the screening of narasin and salinomycin residues in poultry and eggs

Wang J// Canadian Food Inspect Agcy, Calgary Lab, 3650 36th St NW, Calgary, Alberta, Canada T2L 2L1

*J AOAC Int* 2004 **87** (1) 45

Confirmatory determination of six penicillins in honey by liquid chromatography/electrospray ionization-tandem mass spectrometry

Zambonin CG, Quinto M, De Vietro N, Palmisano F// Univ Bari, Dipt Chim, Via Orabona 4, IT-70126 Bari, Italy

*Food Chem* 2004 **86** (2) 269

Solid-phase microextraction-gas chromatography mass spectrometry: A fast and simple screening method for the assessment of organophosphorus pesticides residues in wine and fruit juices

## 9. Toxins/Allergens

Grosso F, Freym JM, Bevis S, Dragacci S// AFSSA, Microbial Toxins Unit, 10 rue Pierre Curie, FR-94700 Maisons Alfort, France

*Food Addit Contam* 2004 **21** (4) 348

Joint IDF-IUPAC-IAEA(FAO) interlaboratory validation for determining aflatoxin M<sub>1</sub> in milk by using immunoaffinity clean-up before thin-layer chromatography

Lawrence JF, Niedzwiedek B, Menard C// Hlth Canada, Bureau Chem Safety, Food Directorate, Food Res Div, Banting Res Ctr, Ottawa, Ontario, Canada K1A 0L2

*J AOAC Int* 2004 **87** (1) 83

Quantitative determination of paralytic shellfish poisoning toxins in shellfish using prechromatographic oxidation and liquid chromatography with fluorescence detection: Interlaboratory study

Solfrizzo M, De Girolamo A, Vitti C, Visconti A, Van den Bulk R// Inst Sci Food Prod - CNR, Viale Luigi Einaudi 51, IT-70125 Bari, Italy

*J AOAC Int* 2004 **87** (1) 101

Liquid chromatographic determination of *Alternaria* toxins in carrots

## 10. Additives

Breithaupt DE// Univ Hohenheim, Inst Lebensmittelchem, Garbenstr 28, DE-70593 Stuttgart, Germany

*Food Chem* 2004 **86** (3) 449

Simultaneous HPLC determination of carotenoids used as food coloring additives: Applicability of accelerated solvent extraction

Felicissimo MP, Bittencourt C\*, Houssiau L, Pireaux JJ// \*Univ Sao Paulo, Inst Quim Sao Carlos, POB 780, BR-13564-970 Sao Carlos, SP, Brazil

*J Agric Food Chem* 2004 **52** (7) 1810

Time-of-flight secondary ion mass spectrometry and X-ray photoelectron spectroscopy analyses of *Bixa orellana* seeds

Muyonga JH, Cole CGB, Duodu KG\*// \*Univ Pretoria, Dept Food Sci, ZA-0002 Pretoria, Rep Sth Africa

*Food Chem* 2004 **86** (3) 325

Fourier transform infrared (FTIR) spectroscopic study of acid soluble collagen and gelatin from skins and bones of young and adult Nile perch (*Lates niloticus*)

## 11. Flavours & aromas

Athes V, Lillo MPY, Bernard C, Perez-Correa R, Souchon I// Inst Natl Agron Paris Grignon, Inst Natl Rech Agron, UMR Genie & Microbiol Procédés Alimentaires, FR-78850 Thiverval Grignon, France

*J Agric Food Chem* 2004 **52** (7) 2021

Comparison of experimental methods for measuring infinite dilution volatilities of aroma compounds in water/ethanol mixtures

Claeys E, De Smet S\*, Balcaen A, Raes K, Demeyer D// \*State Univ Ghent, Dept Anim Prod, Prothoevestr 10, BE-9090 Melle, Belgium

*Meat Sci* 2004 **67** (2) 281

Quantification of fresh meat peptides by SDS-PAGE in relation to ageing time and taste intensity

Dodd TH, Hale SA\*, Blanchard SM// \*Nth Carolina State Univ, Dept Agr & Biol Engr, Box 7625, Raleigh, NC 27695, USA

*Trans ASAE* 2004 **47** (1) 135

Electronic nose analysis of tilapia storage

Dorfner R, Ferge T, Yeretian C, Ketrup A, Zimmermann R\*// \*GSF - Natl Res Ctr Environm & Hlth, Inst Ecol Chem, Ingolstaedter Landstr 1, DE-85764 Neuherberg, Germany

*Anal Chem* 2004 **76** (5) 1386

Laser mass spectrometry as on-line sensor for industrial process analysis: Process control of coffee roasting

Jha SN, Matsuoka T// Cent Inst Post Harvest Engr & Technol, PO PAU, IN-141004 Ludhiana, India

*Int J Food Sci Technol* 2004 **39** (4) 425

Non-destructive determination of acid-brix ratio of tomato juice using near infrared spectroscopy

Machiels D, Istasse L, Van Ruth SM// Univ Liege, Fac Vet Med, Dept Anim Prod, Nutr Unit, Sart Tilman, BE-4000 Liege, Belgium

*Food Chem* 2004 **86** (3) 377

Gas chromatography-olfactometry analysis of beef meat originating from differently fed Belgian Blue, Limousin and Aberdeen Angus bulls

## 12. Organic acids

Tormo M, Izco JM\*// \*Inst Lactologico Lekumberri, Plazaola 23, ES-31870 Navarra, Spain

*J Chromatogr A* 2004 **1033** (2) 305

Alternative reversed-phase high-performance liquid chromatography method to analyse organic acids in dairy products

## 13. Animal products

Adamopoulos KG, Goula AM// Aristotle Univ Thessaloniki, Sch Engr, Dept Chem Engr, Lab Food Proc Engr, Univ Campus, GR-54124 Thessaloniki, Greece

*J Food Eng* 2004 **63** (2) 199

Application of near-infrared reflectance spectroscopy in the determination of major components in taramosalata

Demarquoy J, Georges B, Rigault C, Royer MC, Clairet A, Soty M, Lekounougou S, Le Borgne F// Univ Bourgogne, Fac Gabriel, UPRES Lipides & Nutr, 6 Blvd Gabriel, FR-21000 Dijon, France

*Food Chem* 2004 **86** (1) 137

Radioisotopic determination of L-carnitine content in foods commonly eaten in Western countries

Devillers J, Morlot M, Pham-Delegue MH, Dore JC// Ctr Treatment Sci Informat, 3 Chemin de la Graviere, FR-69140 Rillieux la Pape, France

*Food Chem* 2004 **86** (2) 305

Classification of monofloral honeys based on their quality control data

Guillen MD, Ruiz A// Univ Pais Vasco, Fac Farm, Tecnol Alimentos, Paseo Universidad 7, ES-01006 Vitoria, Spain

*Food Chem* 2004 **86** (2) 297

Study of the oxidative stability of salted and unsalted salmon fillets by <sup>1</sup>H nuclear magnetic resonance

Indyk HE, Woollard DC// Fonterra, 1 Rd, POB 7, Waitoa, New Zealand

*J AOAC Int* 2004 **87** (1) 116

Determination of orotic acid, uric acid, and creatinine in milk by liquid chromatography

Pardo MA, Perez-Villareal B// AZTI-Fisheries & Food Technol Inst, Dept Food Technol, Txatxarramendi ugartea z/g, ES-48395 Sukarrieta, Bizkaia, Spain

*Food Chem* 2004 **86** (1) 143

Identification of commercial canned tuna species by restriction site analysis of mitochondrial DNA products obtained by nested primer PCR

Reh C, Bhat SN, Berrut S// Nestle Res Ctr, Qual & Safety Dept, PO Box 44, Vers-chez-les-Blanc, CH-1000 Lausanne, Switzerland

*Food Chem* 2004 **86** (3) 457

Determination of water content in powdered milk

Renou JP, Bielicki G, Deponge C, Gachon P, Micol D, Ritz P// INRA Theix, Equipe STIM, FR-63122 St Genes Champanelle, France

*Food Chem* 2004 **86** (2) 251

Characterization of animal products according to geographic origin and feeding diet using nuclear magnetic resonance and isotope ratio mass spectrometry. Part II: Beef meat

Terrab A, Gonzalez-Miret L, Heredia FJ\*// \*Univ Sevilla, Fac Farm, Area Nutr & Bromatol, C/ P Garcia Gonzalez, ES-41012 Seville, Spain

*Eur Food Res Technol* 2004 **218** (5) 488

Colour characterisation of thyme and avocado honeys by diffuse reflectance spectrophotometry and spectroradiometry

Verdini RA, Zorrilla SE, Rubiolo AC\*// \*UNL, CONICET, INTEC, Guemes 3450, AR-3000 Santa Fe, Argentina

*Int Dairy J* 2004 **14** (5) 445

Characterisation of soft cheese proteolysis by RP-HPLC analysis of its nitrogenous fractions. Effect of ripening time and sampling zone

Xiccato G, Trocino A, Tulli F, Tibaldi E// Univ Padova, Dipt Sci Zootecniche, Agripolis, Via Universita 16, IT-35020 Legnaro, Padua, Italy

*Food Chem* 2004 **86** (2) 275

Prediction of chemical composition and origin identification of European sea bass (*Dicentrarchus labrax* L.) by near infrared reflectance spectroscopy (NIRS)

## 14. Plant & microbial products

Belajova E, Suhaj M// Food Res Inst, Priemyselna 4, PO Box 25, SK-82475 Bratislava, Slovak Republic

*Food Chem* 2004 **86** (3) 339

Determination of phenolic constituents in citrus juices: Method of high performance liquid chromatography

Da Silva LP, Ciocca MDS, Furlong EB// Univ Fed Santa Maria, Ctr Ciencias Rurais, Santa Maria, RS, Brazil

*Arch Latinoam Nutr* 2003 **53** (4) 393

Evaluation of the AOAC 985.29 enzymic gravimetric method for determination of dietary fiber in oat and corn grains (Spanish, English Abstract)

Dovicovicova L, Olexova L, Pangallo D, Siekel P, Kuchta T\*// \*Food Res Inst, Dept Mol Biol & Microbiol, Priemyselna 4, POB 25, SK-82475 Bratislava 26, Slovakia

*Eur Food Res Technol* 2004 **218** (5) 493

Polymerase chain reaction (PCR) for the detection of celery (*Apium graveolens*) in food

Fukuta S, Mizukami Y, Ishida A, Ueda J, Hasegawa M, Hayashi I, Hashimoto M, Kanbe M// Aichi Prefecture Agr Res Ctr, 1-1 Sagamine, Aichi 480 1193, Japan

*Eur Food Res Technol* 2004 **218** (5) 496

Real-time loop-mediated isothermal amplification for the CaMV-35S promoter as a screening method for genetically modified organisms

Martino KG, Guyer D\*// \*Michigan State Univ, Dept Agr Engr, East Lansing, MI 48824, USA

*J Food Process Eng* 2004 **27** (1) 17

Supercritical fluid extraction of quercetin from onion skins

Mazza G, Cacace JE, Kay CD// Agr & Agri-Food Canada, Pacific Agri-Food Res Ctr, 4200 Highway 97, Summerland, Brit Columbia, Canada V0H 1Z0

*J AOAC Int* 2004 **87** (1) 129

Methods of analysis for anthocyanins in plants and biological fluids

Penza M, Cassano G// ENEA, CR Brindisi, Materials & New Technol Unit, SS 7 Appia km 714, IT-72100 Brindisi, Italy

*Food Chem* 2004 **86** (2) 283

Chemometric characterization of Italian wines by thin-film multisensors array and artificial neural networks

Roman MC// ChromaDex, 13161 56th Court, Suite 201, Clearwater, FL 33760, USA

*J AOAC Int* 2004 **87** (1) 15

Determination of ephedra alkaloids in urine and plasma by HPLC-UV: Collaborative study

Roman MC, Walthers HJ// Address as above

*J AOAC Int* 2004 **87** (1) 1

Determination of ephedrine alkaloids in botanicals and dietary supplements by HPLC-UV: Collaborative study

Sanchez-Machado DI, Lopez-Cervantes J, Lopez-Hernandez J\*, Paseiro-Losada P, Simal-Lozano J// \*Univ Santiago de Compostela, Fac Farm, Dept Quim Analit Nutr & Bromatol, ES-15782 Santiago de Compostela, Spain

*Biomed Chromatogr* 2004 **18** (2) 90

Determination of the uronic acid composition of seaweed dietary fibre by HPLC

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*J Mass Spectrom* 2004 **39** (6) 607

Mass spectrometry and partial least-squares regression: A tool for identification of wheat variety and end-use quality

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*Food Chem* 2004 **86** (4) 609

Simultaneous quantification of methanol and ethanol in alcoholic beverage using a rapid gas chromatographic method coupling with dual internal standards

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*Anal Lett* 2004 **37** (4) 629

Determination of theophylline in drugs and tea on nanosized cobalt phthalocyanine particles modified carbon paste electrode