

Bibliography of analytical, nutritional and clinical methods

(5 weeks journals. Search completed at 9th. May 2001)

1. Books, reviews & symposia

- Escarpa A, Gonzalez MC// Univ Alcalá de Henares, Fac Ciencias, Dept Quim, Analit, ES-28871 Alcalá de Henares, Madrid, Spain
Eur Food Res Technol 2001 **212** (4) 439
Total extractable phenolic chromatographic index: An overview of the phenolic class contents from different sources of foods
- Krska R, Josephs R// IFA Tulln, Ctr Analyt Chem, Konrad Lorenzstr 20, AU-3430 Tulln, Austria
Fresenius J Anal Chem 2001 **369** (6) 469
The state-of-the-art in the analysis of estrogenic mycotoxins in cereals (Review)
- Lawton LA, Edwards C// Robert Gordon Univ, Sch Appl Sci, St Andrews St, Aberdeen AB25 1HG, Scotland
J Chromatogr A 2001 **912** (2) 191
Purification of microcystins (Review)
- Spinks CA// Inst Food Res, Norwich Res Pk, Norwich NR4 7UA, England
Trends Food Sci Technol 2000 **11** (6) 210
Broad-specificity immunoassay of low molecular weight food contaminants: New paths to Utopia! (Review)

2. General

- Agozzino P, Avellone G, Donato ID, Filizzola F// Univ Palermo, Dipt Chim & Tecnol Farm, via Archirafi 32, IT-90123 Palermo, Italy
J Mass Spectrom 2001 **36** (4) 443
Mass spectrometry for cultural heritage knowledge: Gas chromatography/mass spectrometric analysis of organic remains in Neolithic potsherds (Letter)
- Giese J// Address not available.
Food Technol 2001 **55** (3) 58
Color measurement in foods
- Herrmann A// Kantonales Lab Basel Stadt, Kannenfeldstr 2, CH-4012 Basel, Switzerland
Chimia 2001 **55** (1) 10
Instrumental analysis at the official food-control laboratories of Switzerland (German, English Abstract)
- Kumae T// Natl Inst Publ Hlth, Dept Ind Hlth, Sect Occupat Dis, Minato ku, Shirokanedai 4-6-1, Tokyo 108 8638, Japan
Nutr Res 2001 **21** (3) 517
Application of a new simple method for estimating the amount of protein, fat, and carbohydrate in cooked foods consumed in one day
- Matsumoto K, Ukeda H// Kyushu Univ, Grad Sch, Fac Agr, Dept Biosci & Biotechnol, Fukuoka 812 8581, Japan
J Jpn Soc Food Sci Technol 2001 **48** (2) 157
Biosensing for determination of food components and estimation of their functions (Japanese)
- Meinders MJB, Van den Bosch GGM, De Jongh HHJ// Univ Wageningen & Res Ctr, Dept Agrotechnol & Food Sci, Food Chem Lab, POB 8129, Bomenweg 2, NL-6700 EV Wageningen, The Netherlands
Trends Food Sci Technol 2000 **11** (6) 218
IRRAS, a new tool in food science
- Nakajima M// Nagoya City Publ Hlth Res Inst, Food Dept, Mizuho ku, 1-11 Hagiya cho, Nagoya, Aichi 467 8615, Japan

- J Food Hyg Soc Jpn* 2001 **42** (1) J1
Application of immunoaffinity columns to food analysis
- Sforzini A, Bersani G, Stancari A, Grossi G, Bonoli A, Ceschel GC// S Orsola Malpighi Univ Hosp, Serv Pharm, IT-40126 Bologna, Italy
J Pharmaceut Biomed Anal 2001 **24** (5-6) 1099
Analysis of all-in-one parenteral nutrition admixtures by liquid chromatography and laser diffraction: Study of stability
- Troutman MY, Mastikhin IV, Balcom BJ, Eads TM, Ziegler GR// *Penn State Univ, Dept Food Sci, Borland Lab, University Park, Pa 16802, USA
J Food Eng 2001 **48** (3) 257
Moisture migration in soft-panned confections during engrossing and aging as observed by magnetic resonance imaging
- Vanags J, Viesturs U// *Latvian State Inst Wood Chem, 25 Dzerbenes, LV-1006 Riga, Latvia
Food Technol Biotechnol 2001 **39** (1) 59
Local mixing intensity measurements for the food industry and biotechnology

3. Amino acids, proteins & enzymes

- Antoine FR, Wei CI, Littell RC, Quinn BP, Hogle AD, Marshall MR// *Univ Florida, Dept Nutr, Food & Environm Toxicol Lab, POB 110720, Gainesville, FL 32611, USA
J Food Sci 2001 **66** (1) 72
Free amino acids in dark- and white-muscle fish as determined by *O*-phthalaldehyde precolumn derivatization
- Bastian SEP, Dunbar AJ, Priebe IK, Owens PC, Goddard C// CSIRO Hlth Sci & Nutr, Co-operat Res Ctr Tissue Growth & Repair, POB 10041, Adelaide BC, SA 5000, Australia
J Endocrinol 2001 **168** (1) 203
Measurement of β -cellulose levels in bovine serum, colostrum and milk
- Berot S, Popineau Y, Compoint JP, Blassel C, Chaufer B// INRA, Unite Biochim & Technol Prot, BP 71627, rue Geraudiere, FR-44316 Nantes 3, France
J Chromatogr B 2001 **753** (1) 29
Ultrafiltration to fractionate wheat polypeptides
- Braddock RJ, Bryan CR, Burns JK// Univ Florida, Ctr Citrus Res & Educ, 700 Expt Stn Rd, Lake Alfred, FL 33850, USA
J Agric Food Chem 2001 **49** (2) 846
Capillary electrophoresis analysis of orange juice pectinesterases
- Carceller JL, Aussenac T// *Ecole Super Agr Purpan, Lab Agrophysiol, 75 Voie Toec, FR-31076 Toulouse 03, France
J Cereal Sci 2001 **33** (2) 131
Size characterisation of glutenin polymers by HPSEC-MALLS
- Croguennec T, Nau F*, Pezennec S, Piot M, Brule G// *UMR, ENSA, Technol Ovoprod, 65 rue St Brieuc, FR-35042 Rennes, France
Eur Food Res Technol 2001 **212** (3) 296
Two-step chromatographic procedure for the preparation of hen egg white ovotransferrin
- Daykin CA, Corcoran O, Hansen SH, Bjornsdottir I, Cornett C, Connor SC, Lindon JC, Nicholson JK// *Univ London, Imperial Coll Sci Technol & Med, Div Biomed Sci, Sir Alexander Fleming Bldg, London SW7 1AZ, England
Anal Chem 2001 **73** (6) 1084
Application of directly coupled HPLC-NMR to separation and characterization of lipoproteins from human serum

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; 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.

Ferranti P, Pizzano R, Garro G, Caira S, Chianese L, Addeo F// Univ Naples Federico II, Fac Agraria, Dipt Sci Alimenti, Parco Gussone, IT-80055 Portici, Italy

J Dairy Res 2001 **68** (1) 35

Mass spectrometry-based procedure for the identification of ovine casein heterogeneity

Herrera JJ, Pastoriza L, Sampedro G// CSIC, Inst Invest Marinas, C/ Eduardo Cabello 6, ES-36208 Vigo, Spain

J Sci Food Agric 2001 **81** (4) 377

A DSC study on the effects of various maltodextrins and sucrose on protein changes in frozen-stored minced blue whiting muscle

Porsch-Ozcuremez M, Westphal S, Luley C// Univ Regensburg, Inst Clin Chem, Franz Josef Str Allee 11, DE-93042 Regensburg, Germany

Clin Chem 2001 **47** (3) 594

Measurement of low apolipoprotein concentrations by optimized immunoturbidimetric applications

Sharma S, Gupta MN*// *Indian Inst Technol, Dept Chem, Hauz Khas, IN-110016 New Delhi, India

Protein Expr Purif 2001 **21** (2) 310

Purification of phospholipase D from *Dacus carota* by three-phase partitioning and its characterization

Thiering R, Hofland G*, Foster N, Witkamp GJ, Van de Wielen LJ// *Delft Univ Technol, Lab Proc Equipment, Leeghwaterstr 44, NL-2628 CA Delft, The Netherlands

Biotechnol Bioeng 2001 **73** (1) 1

Fractionation of soybean proteins with pressurized carbon dioxide as a volatile electrolyte

4. Carbohydrates

Brooks SPJ, Lampi BJ// Hlth Canada, Hlth Protect Branch, Nutr Res Div, Banting Res Ctr, Ottawa, Ontario, Canada K1A 0L2

J Agric Food Chem 2001 **49** (2) 564

Problems associated with measuring phytate in infant cereals

Craig SAS, Holden JF, Khaled MY// Danisco Cultor, 440 Saw Mill River, Ardsley, NY 10502, USA

J AOAC Int 2001 **84** (2) 472

Determination of polydextrose in foods by ion chromatography: Collaborative study

Ferreira D, Barros A, Coimbra MA*, Delgadillo I// *Univ Aveiro, Dept Chem, PT-3810-193 Aveiro, Portugal

Carbohydr Polym 2001 **45** (2) 175

Use of FT-IR spectroscopy to follow the effect of processing in cell wall polysaccharide extracts of a sun-dried pear

Hatzack F, Hubel F, Zhang W, Hansen PE, Rasmussen SK*// *Riso Natl Lab, Plant Biol & Biogeochem, Dept Plant Prod & Biomass Recycling Programme, PBK-301, DK-4000 Roskilde, Denmark

Biochem J 2001 **354** (2) 473

Inositol phosphates from barley low-phytate grain mutants analysed by metal-dye detection HPLC and NMR

Hu Q, Zhou TS, Zhang L, Fang YZ*// *China Normal Univ, Dept Chem, CN-200062 Shanghai, Peoples Rep China

Analyst 2001 **126** (3) 298

Study of the separation and determination of monosaccharides in soluble coffee by capillary zone electrophoresis with electrochemical detection

Liu J, Wang J// Nantong Med Coll, Dept Chem, CN-225001 Nantong, JS, Peoples Rep China

Food Technol Biotechnol 2001 **39** (1) 55

A novel improved design for the first-generation glucose biosensor

Low NH, McLaughlin MA, Page SW, Canas BJ, Brause AR, Low NH// Univ Saskatchewan, Dept Appl Microbiol & Food Sci, 51 Campus Dr, Saskatoon, Saskatchewan, Canada S7N 5A8

J AOAC Int 2001 **84** (2) 486

Identification of hydrolyzed inulin syrup and high-fructose corn syrup in apple juice by capillary gas chromatography: PVM 4:1999

Murata T, Amarume S, Usui T, Ohshima H, Abukawa K, Hosono A// Shizuoka Univ, Fac Agr, 836 Ohya, Shizuoka 422 8529, Japan

Nippon Nogeikagaku Kaishi 2001 **75** (4) 447

Measurement of lactose in bovine raw milk using oligosaccharide oxidase (Japanese, English Abstract)

Ralet MC, Bonnin E, Thibault JF// INRA, Unite Rech Polysaccharides Org & Interact, rue Geraudiere, BP 71627, FR-44316 Nantes 3, France

J Chromatogr B 2001 **753** (1) 157

Chromatographic study of highly methoxylated lime pectins de-esterified by different pectin methyl-esterases

Zidkova J, Chmelik J*// *Inst Anal Chem, Acad Sci Czech Rep, Veveri 97,

CZ-61142 Brno, Czech Republic

J Mass Spectrom 2001 **36** (4) 417

Determination of saccharides in fruit juices by capillary electrophoresis and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry

5. Lipids

Andrikopoulos NK, Giannakis IG, Tzamtzis V// Harokopio Univ, Dept Sci Dietet Nutr, 70 E Venizelou Ave, GR-17671 Athens, Greece

J Chromatogr Sci 2001 **39** (4) 137

Analysis of olive oil and seed oil triglycerides by capillary gas chromatography as a tool for the detection of the adulteration of olive oil

Antolin IP, Meneses MM// Univ Politecn Madrid, ETSI Ind, Dept Ingn Quim Ind & Med Ambiente, C/ Jose Gutierrez Abascal 2, ES-28006 Madrid, Spain

Grasas Aceites 2000 **51** (6) 424

Application of UV-visible spectrophotometry to study of the thermal stability of edible vegetable oils (Spanish, English Abstract)

Arneth W// Bundesanstalt Fleischforsch, Inst Chem & Phys, EC Baumann Str 20, DE-95326 Kulmbach, Germany

Fleischwirtschaft 2001 **81** (2) 75

Rapid methods for determination of moisture and fat (German, English Abstract)

Batista A, Vetter W*, Luckas B// Univ Jena, Dept Food Chem, Dornburger Str 25, DE-07743 Jena, Germany

Eur Food Res Technol 2001 **212** (3) 377

Use of focused open vessel microwave-assisted extraction as prelude for the determination of the fatty acid profile of fish: A comparison with results obtained after liquid-liquid extraction according to Bligh and Dyer

Chandrasekar R, Calabraro R, Myer LJD, Phillippo T, King JW, Eller FJ// Ohio Dept Agr, 8995 East Main St, Bldg 3, Reynoldsburg, Oh 43068, USA

J AOAC Int 2001 **84** (2) 466

Determination of crude fat in meat by supercritical fluid extraction: Direct method - PVM 3:2000

Evers JM, Wightman LM, Crawford RA, Contarini G, Coors U, Farrington DS, Molkenin J, Nicolas M// New Zealand Dairy Res Inst, Private Bag 11029, Palmerston North, New Zealand

Int Dairy J 2000 **10** (12) 815

A precise method to measure the total fat content of spreadable fats

Gertz C// Chem Untersuchungsamt Hagen, Pappelstr 1, DE-58099 Hagen, Germany

Eur J Lipid Sci Technol 2001 **103** (3) 181

Determination of polymerized (dimeric and oligomeric) triglycerides content at low level

Gonzalez MJ, Medina AR*, Cerdan LE, Paez BC, Gimenez AG, Grima EM// *Univ Almeria, Dept Ingn Quim, ES-04071 Almeria, Spain

J Am Oil Chem Soc 2001 **78** (3) 277

Adsorption equilibria of fatty acids between methanol/water and reversed-phase chromatographic adsorbents

Jimenez A, Izquierdo E, Rodriguez F, Duenas JI, Tortosa C// Lab Quimiconrol SL, Ctra Bailen s/n, ES-23700 Jaen, Spain

Grasas Aceites 2000 **51** (5) 311

Determination of fat and moisture in olives by near-infrared reflectance spectroscopy (Spanish, English Abstract)

Melgosa M, Perez MM, Hita E, Heredia FJ, Alba J, Moyano MJ*// *CSIC, Inst Grasa, Avda Padre Gracia Tejero 4, ES-41012 Seville, Spain

J Am Oil Chem Soc 2001 **78** (3) 265

Reproducibility of the bromthymol blue standards used for color specification of virgin olive oil

Neff WE, List GR, Byrdwell WC// USDA/ARS, Natl Ctr Agr Utilizat Res, 1815 Nth Univ St, Peoria, Il 61604, USA

J Chromatogr A 2001 **912** (1) 187

Analysis of triacylglycerol positional isomers in food products as brominated derivatives by high-performance liquid chromatography coupled with a flame ionization detection

Nitsch P, Wachsmann G// Bundesanstalt Fleischforsch, Inst Technol, EC Baumann Str 20, DE-95326 Kulmbach, Germany

Fleischwirtschaft 2001 **81** (3) 76

Detection of neural tissues (brain & spinal cord) in comminuted meat by using the cholesterol-testkit "Enzym BioAnalysis Cholesterin/R-Biopharm" (German, English Abstract)

Oliveira MB, Alves MR, Ferreira MA// Univ Oporto, Fac Pharm, CEQUP, R Anibal Cunha 164, PT-4050-047 Oporto, Portugal

J Chemometr 2001 **15** (2) 71

Multivariate analysis of fatty acid *cis* and *trans* isomers in margarines determined by HRGC/FID/ capillary column

Paradkar MM, Singhal RS, Kulkarni PR// Univ Dept Chem Technol, Food &

- Fermentat Technol Div, IN-400019 Mumbai, India
Int J Dairy Technol 2001 **54** (1) 34
 An approach to the detection of synthetic milk in dairy milk: III. Detection of vegetable oil and sodium bicarbonate
- Pena N, Ruiz G, Reviejo AJ, Pingarron JM*// *Univ Complutense Madrid, Fac Chem, Dept Analyt Chem, ES-28040 Madrid, Spain
Anal Chem 2001 **73** (6) 1190
 Graphite-TEFLON composite biosensor electrodes for the determination of cholesterol in reversed micelles. Application to food samples
- Precht D, Molkentin J, McGuire MA, McGuire MK, Jensen RG*// *186 Chafeville Rd, Storrs, Ct 06268, USA
Lipids 2001 **36** (2) 213
 Overestimates of oleic and linoleic acid contents in materials containing *trans* fatty acids and analyzed with short packed gas chromatographic columns (Letter)
- Romani A, Pinelli P, Mulinacci N, Galardi C, Vincieri FF, Liberatore L, Cicchelli A// Univ Florence, Dipt Sci Farmaceut, via G Capponi 9, IT-50121 Florence, Italy
Chromatographia 2001 **53** (5-6) 279
 HPLC and HRGC analyses of polyphenols and secoiridoid in olive oil
- Sampson ML, Aubry A, Csako G, Remaley AT*// *NIH, Dept Lab Med, Clin Chem Serv, Ctr Clin, Bldg 10, Rm 2C-407, Bethesda, Md 20892, USA
Clin Chem 2001 **47** (3) 532
 Triple lipid screening test: A homogeneous sequential assay for HDL-cholesterol, total cholesterol and triglycerides
- Schulte E// Univ Munster, Inst Lebensmittelchem, Corrensstr 45, DE-48149 Munster, Germany
Dtsch Lebensm-Rundsch 2001 **97** (3) 85
 Micro method for rapid gravimetric determination of fat content in food after acid treatment (German, English Abstract)
- Thanh NTK, Stevenson G, Obatoami D, Bach P// Univ New Orleans, Dept Chem, New Orleans, La 70148, USA
J Planar Chromatogr Mod TLC 2000 **13** (5) 375
 Determination of lipids in animal tissues by high-performance thin-layer chromatography with densitometry
- Wilkinson AL, Sun Q, Senecal A, Faustman C*// *Univ Connecticut, Dept Anim Sci, 3636 Horsebarn Rd, Storrs, Ct 06269, USA
J Food Sci 2001 **66** (1) 20
 Antioxidant effects on TBARS and fluorescence measurements in freeze-dried meats
- Yamauchi R, Aizawa K, Inakuma T, Kato K// Gifu Univ, Fac Agr, Dept Bioproc, 1-1 Yanagido, Gifu 501 1193, Japan
J Agric Food Chem 2001 **49** (2) 622
 Analysis of molecular species of glycolipids in fruit pastes of red bell pepper (*Capsicum annuum* L.) by high-performance liquid chromatography/mass spectrometry

6. Vitamins & co-factors

- Amini MK, Shahrokhian S, Tangestaninejad S, Mirkhani V// Univ Esfahan, Dept Chem, IR-81744 Esfahan, Iran
Anal Biochem 2001 **290** (2) 277
 Iron(II) phthalocyanine-modified carbon-paste electrode for potentiometric detection of ascorbic acid
- Higashi T, Awada D, Shimada K*// *Kanazawa Univ, Fac Pharmaceut Sci, 13-1 Takara machi, Kanazawa, Ishikawa 920 093, Japan
Biomed Chromatogr 2001 **15** (2) 133
 Determination of 24,25-dihydroxyvitamin D₃ in human plasma using liquid chromatography/mass spectrometry after derivatization with a Cookson-type reagent
- Konings EJM, Roomans HHS, Dorant E, Goldbohm RA, Saris WHM, Van den Brandt PA// Inspectorate Hlth Protect & Vet Publ Hlth, POB 2280, NL-5202 CG Shertogenbosch, The Netherlands
Am J Clin Nutr 2001 **73** (4) 765
 Folate intake of the Dutch population according to newly established liquid chromatography data for foods
- Marian IO, Bonciocot N, Sandulescu R*, Filip C// *Univ Med & Pharm Iuliu Haatieganu, Dept Analyt Chem, 4 Pasteur St, RO-3400 Cluj Napoca, Romania
J Pharmaceut Biomed Anal 2001 **24** (5-6) 1175
 Direct voltammetry for vitamin B₂ determination in aqueous solution by using glassy carbon electrode
- Mo JW, Dgorevc B*// *Natl Inst Chem, Analyt Chem Lab, POB 3430, SI-1001 Ljubljana, Slovenia
Anal Chem 2001 **73** (6) 1196
 Simultaneous measurement at dopamine and ascorbate at their physiological levels using voltammetric microprobe based on overoxidized poly(1,2-phenylenediamine)-coated carbon fiber
- O'Connell PJ, Gormally C, Pravda M, Guilbault GG*// *Natl Univ Ireland, Dept Chem, Lab Sensor Dev, Cork, Rep Ireland
Anal Chim Acta 2001 **431** (2) 239
 Development of an amperometric L-ascorbic acid (vitamin C) sensor based on electropolymerised aniline for pharmaceutical and food analysis
- Ostermeyer U, Schmidt T// Fed Res Ctr Fisheries, Inst Biochem & Technol, Palmalle 9, DE-22767 Hamburg, Germany
Eur Food Res Technol 2001 **212** (4) 518
 Determination of vitamin K in the edible part of fish by high-performance liquid chromatography
- Pucci V, Bugamelli F, Mendioli R, Raggi MA*// Univ Bologna, Dept Pharmaceut Sci, via Belmeloro 6, IT-40126 Bologna, Italy
J AOAC Int 2001 **84** (2) 354
 Simultaneous determination of all-*trans*-retinoic acid, β -carotene, and vitamin A in galenic preparations by liquid chromatography
- Sadecka J, Polonsky J*// *Slovak Tech Univ, Dept Analyt Chem, Radlinskeho 9, SK-81237 Bratislava, Slovakia
Eur Food Res Technol 2001 **212** (4) 511
 Determination of ascorbic and isoascorbic acid in beverages and additives to meat products by capillary isotachopheresis
- Su SC, Chou SS*, Hwang DF, Chang PC, Liu CH// *Dept Hlth, Executive Yuan, Natl Labs Foods & Drugs, Taipei, Taiwan
J Food Sci 2001 **66** (1) 10
 Capillary zone electrophoresis and micellar electrokinetic capillary chromatography for determining water-soluble vitamins in commercial capsules and tablets
- Turner C, King JW, Mathiasson L// Lund Univ, Dept Analyt Chem, Box 124, SE-22100 Lund, Sweden
J Agric Food Chem 2001 **49** (2) 553
 On-line supercritical fluid extraction/enzymatic hydrolysis of vitamin A esters: A new simplified approach for the determination of vitamins A and E in food
- Ye L, Landen WO, Eitenmiller RR*// *Univ Georgia, Dept Food Sci & Technol, Athens, Ga 30602, USA
J Food Sci 2001 **66** (1) 78
 Simplified extraction procedure and HPLC determination for total vitamin E and β -carotene of reduced-fat mayonnaise
- Zhang L, Lin XQ*// *Univ Sci & Technol China, Dept Chem, CN-230026 Hefei, Peoples Rep China
Analyst 2001 **126** (3) 367
 Covalent modification of glassy carbon electrode with glutamic acid for simultaneous determination of uric acid and ascorbic acid

7. Trace elements & minerals

- Baratta EJ, Easterly DG// US/FDA, 109 Holton St, Winchester, Ma 01890, USA
J AOAC Int 2001 **84** (2) 507
 Determination of iodine-131 at low levels in milk: Collaborative study
- Cunha IL, Bueno L, Favaro DIT, Maihara VA, Cozzolino S// CNEN, Inst Pesquisas Energet & Nucl, CP 11049, BR-05422-970 Pinheiros, SP, Brazil
J Radioanal Nucl Chem 2001 **247** (2) 447
 Analysis of ²¹⁰Pb and ²¹⁰Po in Brazilian foods and diets
- Herrador MA, Gonzalez AG*// *Univ Seville, Fac Chem, Dept Analyt Chem, ES-41012 Seville, Spain
Talanta 2001 **53** (6) 1249
 Pattern recognition procedures for differentiation of green, black and oolong teas according to their metal content from inductively coupled plasma atomic emission spectrometry
- Karl H, Munkner W, Krause S, Bagge I// Bundesforschungsanstalt Fischerei, Inst Fischereitech & Fischqual, Palmalle 9, DE-22767 Hamburg, Germany
Dtsch Lebensm-Rundsch 2001 **97** (3) 89
 Determination, spatial variation and distribution of iodine in fish (German, English Abstract)
- Locatelli C, Torsi G// Univ Bologna, Dept Chem G Ciamician, Via F Selmi 2, IT-40126 Bologna, Italy
Ann Chim (Rome) 2001 **91** (1-2) 65
 Heavy metal determination in aquatic species for food purposes
- Matsuura H, Hokura A, Katsuki F, Itoh A, Haraguchi H// Univ Osaka Prefecture, Gakuen cho 1-1, Sakai, Osaka 599 8531, Japan
Anal Sci 2001 **17** (3) 391
 Multielement determination and speciation of major-to-trace elements in black tea leaves by ICP-AES and ICP-MS with the aid of size exclusion chromatography
- Michalke B, Schramel P, Witte H// GSF, Natl Res Ctr Environm & Hlth, Inst Ecol Chem, Ingolstaedter Landstr 1, DE-85764 Neuherberg, Germany
Biol Tr Elem Res 2000 **78** (1-3) 67

Methods developments for iodine speciation by reversed-phase liquid chromatography-ICP-mass spectrometry

Michalke B, Schramel P, Witte H// Address as above.

Biol Tr Elem Res 2000 **78** (1-3) 81

Iodine speciation in human serum by reversed-phase liquid chromatography-ICP-mass spectrometry

Miyamoto Y, Kajikawa A, Zaidi JH, Nakanishi T, Sakamoto K// Kanazawa Univ, Fac Sci, Grad Sch Nat Sci & Technol, Div Mat Sci, Kanazawa, Ishikawa 920 119, Japan

J Radioanal Nucl Chem 2001 **247** (2) 459

Reply to the Comment by A. Wyttenbach and L. Tobler and correction for errata on "Minor and trace element determination of food spices and pulses of different origins by NAA and PAA"

Mondal BC, Das D, Das AK*// *Univ Burdwan Golapbag, Dept Chem, IN-713104 Burdwan, India

J Indian Chem Soc 2001 **78** (2) 89

Preconcentration and separation by imidazolylazo resin for copper and zinc determination in biological samples by AAS after microwave assisted treatment

Navratil T, Dlaskova Z, Kopanica M, Novotny L// Acad Sci Czech Republ, J Heyrovsky Inst Phys Chem, Dolejskova 3, CZ-18223 Prague 8, Czech Republic

Chem Listy 2001 **95** (2) 127

Microwave mineralization of body fluids (Czech, English Abstract)

Van Dael P, Davidsson L, Munoz-Box R, Fay LB, Barclay D// Nestle Res Ctr, POB 44, Vers Chez Blanc, CH-1000 Lausanne, Switzerland

Br J Nutr 2001 **85** (2) 157

Selenium absorption and retention from a selenite- or selenate-fortified milk-based formula in men measured by a stable-isotope technique

Vilano M, Rubio R*// *Univ Barcelona, Dept Quim Analit, Avda Diagonal 647, ES-08028 Barcelona, Spain

J AOAC Int 2001 **84** (2) 551

Determination of arsenic in seafood by focused microwave digestion and hydride generation-atomic fluorescence detection

Wrobel K, Wrobel K, Urbina EMC// Univ Guanajuato, Inst Invest Cientificas, Retana 5, MX-36000 Guanajuato, Mexico

Biol Tr Elem Res 2000 **78** (1-3) 271

Determination of total aluminium, chromium, copper, iron, manganese, and nickel and their fractions leached to the infusions of black tea, green tea, *Hibiscus sabdariffa*, and *Ilex paraguariensis* (mate) by ETA-AAS

Wyttenbach A, Tobler L// Paul Scherrer Inst, CH-5232 Villigen, Switzerland

J Radioanal Nucl Chem 2001 **247** (2) 457

Comment on the article "Minor and trace element determination of food spices and pulses of different origins by NAA and PAA"

Zikovsky L, Soliman K// Ecole Polytech, Montreal, Quebec, Canada H3C 3A7

J Radioanal Nucl Chem 2001 **247** (1) 171

Determination of daily dietary intakes of Br, Ca, Cl, Co and K in food in Montreal, Canada, by neutron activation analysis

8. Drug, biocide & processing residues

Akkan AA, Ozdemir Y*, Ekiz HL// *Univ Mersin, Dept Food Engr, TR-33342 Mersin, Turkey

Nahrung 2001 **45** (1) 43

Derivative spectrophotometric determination of 5-(hydroxymethyl)-2-furaldehyde (HMF) and furfural in locust bean extract

Basfar AA, Rehim FA, Al Kahtani HA, Alnasser MA// King Abdul Aziz City Sci & Technol, Atom Energy Res Inst, POB 6086, SA-11442 Riyadh, Saudi Arabia

J Food Sci 2001 **66** (1) 95

Accuracy of the calibration curve method for absorbed dose assessment in irradiated refrigerated chicken bone

Ben-Rejeb S, Cleroux C, Lawrence JF, Geay PY, Wu SG, Stavinski S// Hlth Canada, Hlth Protect Branch, Bur Chem Safety, Food Directorate, Food Res Div, PI 2203D, Ottawa, Ontario, Canada K1A 0L2

Anal Chim Acta 2001 **432** (2) 193

Development and characterization of immunoaffinity columns for the selective extraction of a new developmental pesticide: Thifluzamide, from peanuts

Brereton P, Kelly J, Crews C, Honour S, Wood R, Davies A// MAFF, Cent Sci Lab, Norwich Res Pk, Colney Lane, Norwich NR4 7UQ, England

J AOAC Int 2001 **84** (2) 455

Determination of 3-chloro-1,2-propanediol in foods and food ingredients by gas chromatography with mass spectrometric detection: Collaborative study

Caballero RD, Torres-Lapasio JR, Baeza-Baeza JJ, Garcia-Alvarez-Coque MC*// *Univ Valencia, Fac Quim, Dept Quim Analit, ES-46100 Valencia, Spain

J Liq Chromatogr Relat Technol 2001 **24** (1) 117

Micellar chromatographic procedure with direct injection for the determination of sulfonamides in milk and honey samples

De Ruyck H, Daeseleire E, Grijspeerd K, De Ridder H, Van Renterghem R, Huyghebaert G// Ghent Minist Small Enterprises Traders & Agr, Agr Res Ctr, BE-9090 Melle, Belgium

J Agric Food Chem 2001 **49** (2) 610

Determination of flubendazole and its metabolites in eggs and poultry muscle with liquid chromatography/tandem mass spectrometry

De Wasch K, Brabander HFB, Impens S, Vandewiele M, Courtheyn D// State Univ Ghent, Fac Med Vet, Dept Vet Food Inspect, Lab Chem Anal, Salisbury-laan 133, BE-9820 Merelbeke, Belgium

J Chromatogr A 2001 **912** (2) 311

Determination of mercaptobenzimidazol and other thyrostat residues in thyroid tissue and meat using high-performance liquid chromatography-mass spectrometry

Dogheim SM, Alla SAG, El Marsafy AM// Minist Agr, Agr Res Ctr, Cent Lab Residue Anal Pesticides & Heavy Met Food, Dokki, Egypt

J AOAC Int 2001 **84** (2) 519

Monitoring of pesticide residues in Egyptian fruits and vegetables during 1996

Dousa M// Address not available.

Chem Listy 2001 **95** (2) 123

Determination of lasalocid in animal feeds by fluorescence detection for contents lower than 5 mg/kg (Czech, English Abstract)

Draisci R, Marchiafava C, Palleschi L, Cammarata P, Cavalli S// Ist Super Sanita, Lab Med Vet, Viale Regina Elena 299, IT-00161 Rome, Italy

J Chromatogr B 2001 **753** (2) 217

Accelerated solvent extraction and liquid chromatography-tandem mass spectrometry quantitation of corticosteroid residues in bovine liver

Dubois M, Fluchard D, Sior E, Delahaut P*// *CER, Lab Hormonal, rue Carmel 1, BE-6900 Marloie, Belgium

J Chromatogr B 2001 **753** (2) 189

Identification and quantification of five macrolide antibiotics in several tissues, eggs and milk by liquid chromatography-electrospray tandem mass spectrometry

Fernandez M, Rodriguez R, Pico Y*, Manes J// *Univ Valencia, Fac Farm, Lab Bromatol & Toxicol, Avda Vicent Andres Estelles s/n, ES-46100 Valencia, Spain

J Chromatogr A 2001 **912** (2) 301

Liquid chromatographic-mass spectrometric determination of postharvest fungicides in citrus fruits

Hengel MJ, Shibamoto T// Univ Calif, Dept Environ Toxicol, 1 Shields Ave, Davis, Ca 95616, USA

J Agric Food Chem 2001 **49** (2) 570

Development of a gas chromatographic method for fungicide cymoxanil analysis in dried hops

Hormazabal V, Yndestad R// Norwegian Sch Vet Sci, Div Food Hyg, Oslo, Norway

J Liq Chromatogr Relat Technol 2001 **24** (1) 109

Simple assay for the determination of flumequine and oxolinic acid in fish muscle and skin by HPLC

Hubert TD, Vue C, Bernardy JA, Van Horsen DL, Rossulek MI// US Geol Survey, Biol Resources Div, Upper Midwest Environm Sci Ctr, 2630 Fanta Reed Rd, La Crosse, WI 54603, USA

J AOAC Int 2001 **84** (2) 392

Determination of 3-trifluoromethyl-4-nitrophenol and 3-trifluoromethyl-4-nitrophenol glucuronide in edible fillet tissue of rainbow trout and channel catfish by solid-phase extraction and liquid chromatography

Ito Y, Ikai Y, Oka H, Matsumoto H, Miyazaki Y, Takeba K, Nagase H// Aichi Prefectural Inst Publ Hlth, Kita ku, 7-6 Nagare, Nagoya, Aichi 462 8576, Japan

J Chromatogr A 2001 **911** (2) 217

Application of ion-exchange cartridge clean-up in food analysis IV. Confirmatory assay of benzylpenicillin, phenoxymethylpenicillin, oxacillin, cloxacillin, nafcillin and dicloxacillin in bovine tissues by liquid chromatography/electrospray ionization mass spectrometry

Jaborek-Hugo S, Von Holst C*, Allen R, Stewart T, Willey J, Anklam E// *Commission European Communities, DG Joint Res Ctr, Inst Hlth & Consumer Protect, IT-21020 Ispra, Italy

Food Addit Contam 2001 **18** (2) 121

Use of an immunoassay as a means to detect polychlorinated biphenyls in animal fat

Kuzuya M, Kondon S, Ito K, Sawa T// Gifu Pharmaceut Univ, Lab Pharmaceut Phys Chem, 5-6-1 Mitahora Higashi, Gifu 502 8585, Japan

Yakugaku Zasshi 2001 **121** (4) 289

Estimation of radiation exposed area by the nuclear accident occurred at Tokai village using ESR measurements of household sugar (Japanese, English Abstract)

- Lentza-Rizos C, Avramides EJ, Cherasco F// Natl Agr Res Fdn, 1 S Venizelou St, Lycovrissi, GR-14123 Athens, Greece
J Chromatogr A 2001 **912** (1) 135
 Low-temperature clean-up method for the determination of organophosphorus insecticides in olive oil
- Matsumoto H// Osaka Prefectural Inst Publ Hlth, Food Chem Lab, Higashinari ku, 1-3-69 Nakamichi, Osaka 537 0025, Japan
J AOAC Int 2001 **84** (2) 546
 Simultaneous determination of imazalil and its major metabolite in citrus fruit by solid-phase extraction and capillary gas chromatography with electron capture detection
- Palma M, Taylor LT*// *Virginia Polytech Inst & State Univ, Dept Chem, Blacksburg, Va 24061, USA
J Agric Food Chem 2001 **49** (2) 628
 Supercritical fluid extraction of 5-hydroxymethyl-2-furaldehyde from raisins
- Pogorzelska Z, Mielniczuk Z// Polish Packaging Res & Dev Ctr, ul Konstancinska 11, Pl-02942 Warsaw, Poland
Packag Technol Sci 2001 **14** (1) 31
 Determination of ϵ -caprolactam migration from polyamide plastics: A new approach
- Riediker S, Stadler RH*// *Nestec Ltd, Nestle Res Ctr, Vers Chez Les Blanc, CH-1000 Lausanne 26, Switzerland
Anal Chem 2001 **73** (7) 1614
 Simultaneous determination of five β -lactam antibiotics in bovine milk using liquid chromatography coupled with electrospray ionization tandem mass spectrometry
- Tahir S, Anwar T, Ahmad I*, Aziz S, Mohammad A, Ahad K// *Natl Agr Res Ctr, Ecotoxicol Inst, Pk Rd, PK-45500 Islamabad, Pakistan
J Environ Biol 2001 **22** (1) 71
 Determination of pesticide residues in fruits and vegetables in Islamabad market
- Tsai CE, Kondo F// Pig Res Inst, Dept Pathobiol, POB 23, Chunan Miaoli 35099, Taiwan
J Food Prot 2001 **64** (3) 361
 Improved agar diffusion method for detecting residual antimicrobial agents
- Yasumura K, Kitamura E, Uno M, Tamaki M// Nara Prefectural Inst Publ Hlth, 57-6 Ohmori cho, Nara 630 8131, Japan
J Food Hyg Soc Jpn 2001 **42** (1) 1
 Automated analysis for determination of PCBs in fish
- Young MS, Phillips DJ, Iraneta PC, Krol J// Waters Corp, 34 Maple St, Milford, Ma 01757, USA
J AOAC Int 2001 **84** (2) 556
 Mixed-mode solid-phase extraction and cleanup procedures for the liquid chromatographic determination of thiabendazole and carbendazim in fruit juices
- 9. Toxins**
- Balaban N, Rasooly A*// *US/FDA, Div Microbiol Studies, Washington, DC 20204, USA
Int J Food Microbiol 2001 **64** (1-2) 33
 Analytical chromatography for recovery of small amounts of staphylococcal enterotoxins from food
- Dragacci S, Grosso F, Gilbert J// Agence France Securite Sanaire Aliments, Unite Toxines Microbiennes, 10 rue Pierre Curie, FR-94704 Maisons Alfort, France
J AOAC Int 2001 **84** (2) 437
 Immunoaffinity column cleanup with liquid chromatography for determination of aflatoxin M₁ in liquid milk: Collaborative study
- Driedger DR, Sporns P*// *Univ Alberta, Dept Agr Food & Nutr Sci, Edmonton, Alberta, Canada T6G 2P5
J Agric Food Chem 2001 **49** (2) 543
 Immunoaffinity sample purification and MALDI-TOF MS analysis of α -solanine and α -chaconine in serum
- Entwisle AC, Williams AC, Mann PJ, Russell J, Slack PT, Gilbert J// Leatherhead Food Res Assoc, Randalls Rd, Leatherhead KT22 7RY, England
J AOAC Int 2001 **84** (2) 444
 Combined phenyl silane and immunoaffinity column cleanup with liquid chromatography for determination of ochratoxin A in roasted coffee: Collaborative study
- Goda Y, Akiyama H, Otsuki T, Fujii A, Toyoda M// Natl Inst Hlth Sci, Setagaya ku, 1-18-1 Kamiyoga, Tokyo 158 8501, Japan
J Food Hyg Soc Jpn 2001 **42** (1) 56
 Application and improvement of aflatoxin analysis in foods using a multifunctional column and HPLC
- Int'Veld PH, Ritmeester WS, Delfgou-van Asch EHM, Dufrenne JB, Wernars K, Smit E, Van Leusden FM// Inspectorate Hlth Protect Comod & Vet Publ Hlth, POB 2280, NL-5202 CG Shertogenbosch, The Netherlands
Int J Food Microbiol 2001 **64** (1-2) 63
 Detection of genes encoding for enterotoxins and determination of the production of enterotoxins by HBL blood plates and immunoassays of psychrotrophic strains of *Bacillus cereus* isolated from pasteurised milk
- Louzao MC, Vieytes MR, De Souza JMVB, Leira F, Botana LM*// *Lugo Univ Santiago de Compostela, Fac Vet, Dept Farmacol, ES-27002 Lugo, Spain
Anal Biochem 2001 **289** (2) 246
 A fluorimetric method based on changes in membrane potential for screening paralytic shellfish toxins in mussels
- Maragos CM, Jolley ME, Plattner RD, Nasir MS// USDA/ARS, Natl Ctr Agr Utilizat Res, Mycotoxin Res Unit, 1815 Nth Univ St, Peoria, IL 61604, USA
J Agric Food Chem 2001 **49** (2) 596
 Fluorescence polarization as a means for determination of fumonisins in maize
- Papp E, Farkas A, Otta KH, Mincsovcics E// Lorand Eotvos Univ, Dept Chem Technol & Environm Chem, POB 32, HU-1518 Budapest 112, Hungary
J Planar Chromatogr Mod TLC 2000 **13** (5) 328
 Validation and robustness testing of an OPLC method for the determination of aflatoxins in wheat
- Solfrizzo M, De Girolamo A, Visconti A*// *CNR, Ist Tossine & Micotossine Parassiti Vegetali, Viale Einaudi 51, IT-70125 Bari, Italy
Food Addit Contam 2001 **18** (3) 227
 Determination of fumonisins B₁ and B₂ in cornflakes by high performance liquid chromatography and immunoaffinity clean-up
- 10. Additives**
- Kishi H, Kawana K// Kanagawa Prefectural Publ Hlth Lab, Asahi ku, 1-1-1 Nakao, Yokohama, Kanagawa 241 081, Japan
J Food Hyg Soc Jpn 2001 **42** (1) 45
 Determination method of isocitric acid in food additive citric acid
- Ozeki N, Ueno E, Ito Y, Oka H, Hayashi T, Itakura Y, Yamada S, Matsumoto H, Ito T, Maruyama T, Tsuruta M, Miyazawa T// Seto Publ Hlth Ctr, 38-1 Mitsuke cho, Aichi 489 0808, Japan
J Food Hyg Soc Jpn 2000 **41** (6) 347
 Analysis of turmeric oleoresin, gardenia yellow, and annatto extract in foods using reversed-phase thin-layer chromatography/scanning densitometry (Japanese, English Abstract)
- Slampova A, Smela D, Vondrackova A, Jancarova I, Kuban V// Mendel Univ Agr & Forestry, Dept Chem & Biochem, Zemedelska 1, CZ-61300 Brno, Czech Republic
Chem Listy 2001 **95** (3) 163
 Determination of synthetic colorants in foodstuffs (Czech, English Abstract)
- Uematsu Y, Hirata K, Suzuki K, Iida K, Kan T, Saito K// Tokyo Metropolitan Res Lab Publ Hlth, Shinjuku ku, 3-24-1 Hyakunin cho, Tokyo 169 0073, Japan
J AOAC Int 2001 **84** (2) 498
 Determination of sucrose esters of fatty acids in food additive premixes by gas chromatography and confirmation of identity by gas chromatography/mass spectrometry
- 11. Flavours & aromas**
- Ansorena D, Gimeno O, Astiasaran I*, Bello J// *Univ Navarra, Fac Farm, Dept Bromatol Tecnol Alimentos & Toxicol, ES-31080 Pamplona, Spain
Food Res Int 2001 **34** (1) 67
 Analysis of volatile compounds by GC-MS of a dry fermented sausage: chorizo de Pamplona
- Beltran G, Jimenez A, Aguilera MP, Uceda M// Direc Gen Investigacion Agr, CIFA Venta del Llano, Estacion Olivicultura & Elaiotecn, ES-23620 Jaen, Spain
Grasas Aceites 2000 **51** (5) 320
 Phenolic fraction analysis by HPLC of Arbequina virgin olive oils. Relationship with bitterness K225 and oil stability (Spanish, English Abstract)
- Biswas S, Staff C// Univ Louisville, Food Proc Program, Louisville, Ky 40292, USA
J Cereal Sci 2001 **33** (2) 223
 Analysis of headspace compounds of distillers grains using SPME in conjunction with GC/MS and TGA
- Contarini G, Povolito M, Toppino PM, Radovic B, Lipp M, Anklam E// Ist Sperimentale Lattiero Caseario, via A Lombardo 11, IT-26900 Lodi, Italy
Milchwissenschaft 2001 **56** (3) 136
 Comparison of three different techniques for the discrimination of cheese: Application to the ewe's cheese

- Cruz-Villalón G// San Pedro Alcantara 5 1D, ES-06001 Badajoz, Spain
Anal Biochem 2001 **290** (2) 376
Synthesis of allicin and purification by solid-phase extraction
- Ebeler SE, Sun GM, Datta M, Stremple P, Vickers AK// Univ Calif Davis, Dept Viticulture & Enol, 1 Shields Ave, Davis, Ca 95616, USA
J AOAC Int 2001 **84** (2) 479
Solid-phase microextraction for the enantiomeric analysis of flavors in beverages
- Fallik E, Alkali-Tuvia S, Horev B, Copel A, Rodov V, Aharoni Y, Ulrich D, Schulz H// Agr Res Org, Volcani Ctr, Dept Postharvest Sci Fresh Produce, IL-50250 Bet Dagan, Israel
Postharvest Biol Technol 2001 **22** (1) 85
Characterisation of 'Galia' melon aroma by GC and mass spectrometric sensor measurements after prolonged storage
- Guadarrama A, Rodriguez-Mendez ML*, Sanz C, Rios JL, De Saja JA// *Univ Valladolid, ETS Ingn Ind, Dept Quim Inorgan, P Cauce s/n, ES-47011 Valladolid, Spain
Anal Chim Acta 2001 **432** (2) 283
Electronic nose based on conducting polymers for the quality control of the olive oil aroma: Discrimination of quality, variety of olive and geographic origin
- Hakala M, Ahro M, Kauppinen J, Kallio H// *Univ Turku, Dept Biochem & Food Chem, FI-20014 Turku, Finland
Eur Food Res Technol 2001 **212** (4) 505
Determination of strawberry volatiles with low resolution gas phase FT-IR analyser
- Heuer C, Luinge HJ, Lutz ETG, Schukken YH, Van der Maas JH, Wilmink H, Noordhuizen JPTM// Univ Utrecht, Dept Farm Anim Hlth, NL-3584 CL Utrecht, The Netherlands
J Dairy Sci 2001 **84** (3) 575
Determination of acetone in cow milk by Fourier transform infrared spectroscopy for the detection of subclinical ketosis
- Jen JF, Lin TH, Huang JW, Chung WC// Natl Chunghsing Univ, Dept Chem, Taichung 40217, Taiwan
J Chromatogr A 2001 **912** (2) 363
Direct determination of sinigrin in mustard seed without desulfatation by reversed-phase ion-pair liquid chromatography
- Mahatheeranont S, Keawsaard S, Dumri K// Chiang Mai Univ, Fac Sci, Dept Chem, TH-50200 Chiang Mai, Thailand
J Agric Food Chem 2001 **49** (2) 773
Quantification of the rice aroma compound, 2-acetyl-1-pyrroline, in uncooked Khao Dawk Mali 105 brown rice
- Nakazato M, Kobayashi C, Yamajima Y, Kawano M, Yasuda K// Tokyo Metropolitan Res Lab Publ Hlth, Tama Branch Lab, 3-16-25 Shibazakicho, Tokyo 190 0023, Japan
J Food Hyg Soc Jpn 2001 **42** (1) 40
Determination of neohesperidin dihydrochalcone in foods
- Neely K, Taylor C, Prosser O, Hamlyn PF// *BTTG, Shirley House, Wilmslow Rd, Manchester M20 2RB, England
Meat Sci 2001 **58** (1) 53
Assessment of cooked alpaca and llama meats from the statistical analysis of data collected using an 'electronic nose'
- Oprean R, Oprean L, Tamass M, Sandulescu R, Roman L// Univ Med & Pharm Iuliu Hatieganu, Fac Pharm, Dept Analyt Chem, 13 Emil Isac St, RO-3400 Cluj Napoca, Romania
J Pharmaceut Biomed Anal 2001 **24** (5-6) 1163
Essential oils analysis. II. Mass spectra identification of terpene and phenylpropane derivatives
- Penza M, Cassano G, Tortorella F, Zaccaria G// Ctr Nazl Ric & Sviluppo Mat, PASTIS, SS 7 Appia km 7&300, Mesagne, IT-72100 Brindisi, Italy
Sensor Actuator B-Chem 2001 **73** (1) 76
Classification of food, beverages and perfumes by WO₃ thin-film sensors array and pattern recognition techniques
- Sales MGF, Amaral CEL, Matos CMD// CEQUP, Inst Super Engrn Porto, R Dr Antonio Bernardo de Almeida 431, PT-4200-072 Oporto, Portugal
Fresenius J Anal Chem 2001 **369** (5) 446
Determination of tartaric acid in wines by FIA with tubular tartrate-selective electrodes
- Thompson RD, Quaife JT// 1425 West 28th St, Minneapolis, Mn 55408, USA
J AOAC Int 2001 **84** (2) 493
Liquid chromatographic determination of methyl anthranilate in artificially flavored nonalcoholic beverages
- Vanhoenacker G, Dermaux A, De Keukeleire D*, Sandra P// *Univ Ghent, Fac Pharmaceut Sci, Lab Phytochem & Pharmacognosy, Harelbekestr 72, BE-9000 Ghent, Belgium
J Sep Sci 2001 **24** (1) 55
Single-run capillary electrochromatographic analysis of hop acids and prenylated hop flavonoids
- Vianna E, Ebeler SE// *Univ Calif, Dept Viticulture & Enol, 1 Shields Ave, Davis, Ca 95616, USA
J Agric Food Chem 2001 **49** (2) 589
Monitoring ester formation in grape juice fermentations using solid phase microextraction coupled with gas chromatography/mass spectrometry
- Werlein HD// Univ Hannover, Inst Lebensmittelwissensch, Wunstorfer Str 14, DE-30453 Hannover, Germany
Eur Food Res Technol 2001 **212** (4) 529
Discrimination of chocolates and packaging materials by an electronic nose
- Wettasinghe M, Vasanthan T*, Temelli F, Swallow K// *Univ Alberta, Dept Agr Food & Nutr Sci, Edmonton, Alberta, Canada T6G 2P5
Food Res Int 2001 **34** (2-3) 149
Volatile flavour composition of cooked by-product blends of chicken, beef and pork: A quantitative GC-MS investigation
- Yayli N, Ayaz FA, Kucukislamoglu M// Karadeniz Tech Univ, Fac Sci, Dept Chem, TR-61080 Trabzon, Turkey
Indian J Chem Sect B 2001 **40** (2) 173
Volatile components of *Arbutus unedo* L. fruits by GC/MS

13. Animal products

- Barbano DM// Cornell Univ, 118 Stocking Hall, Ithaca, NY 14853, USA
J AOAC Int 2001 **84** (2) 613
Moisture nonuniformity and sampling errors in large cheddar cheese blocks
- Baulain U, Henning M// Inst Tierzucht & Tierverhalten, Holtstr 10, DE-31535 Neustadt, Germany
Arch Tierzucht 2001 **44** (2) 181
Studies of carcass and meat quality by means of MR tomography and MR spectroscopy (German, English Abstract)
- Bradley RL// Univ Wisconsin, Dept Food Sci, Madison, WI 53706, USA
J AOAC Int 2001 **84** (2) 569
Cheese moisture: Its variations and measurement
- Bradley RL, Vanderwam MA// Univ Wisconsin, Dept Food Sci, Madison, WI 53706, USA
J AOAC Int 2001 **84** (2) 570
Determination of moisture in cheese and cheese products
- Brodmann PD, Nicholas G, Schaltenbrand P, Ilg EC// Kantonales Lab Basel Stadt, Kannenfeldstr 2, CH-4056 Basel, Switzerland
Eur Food Res Technol 2001 **212** (4) 491
Identifying unknown game species: Experience with nucleotide sequencing of the mitochondrial cytochrome *b* gene and a subsequent basic local alignment search tool search
- Buschmann-Fellbach R, Westphal K// Sachs Landesanstalt Landwirtschaft, FB 10, Postfach 22.11.61, DE-04131 Leipzig, Germany
Fleischwirtschaft 2001 **81** (3) 82
Determination of the nitrogen content of meat and meat products with the Dumas method (German, English Abstract)
- Day L, Brown H// Campden & Chorleywood Food Res Assoc, Chipping Campden GL55 6LD, England
Meat Sci 2001 **58** (1) 31
Detection of mechanically recovered chicken meat using capillary gel electrophoresis
- Emmons DB, Bradley RL, Sauve JP, Campbell C, Lacroix C, Jimenez-Marquez SA// 657 Westminster Ave, Ottawa, Ontario, Canada K2A 2V7
J AOAC Int 2001 **84** (2) 593
Variations of moisture measurements in cheese
- Emmons DB, Bradley RL, Campbell C, Sauve JP// Address as above.
J AOAC Int 2001 **84** (2) 620
Movement of moisture in refrigerated cheese samples transferred to room temperature
- Hold GL, Russell VJ, Pryde SE, Rehbein H, Quinteiro J, Raymendez M, Sotelo CG, Perez-Martin RI, Santos AT, Rosa C// Rowett Res Inst, Greenburn Rd, Aberdeen AB21 9SB, Scotland
Eur Food Res Technol 2001 **212** (3) 385
Validation of a PCR-RFLP based method for the identification of salmon species in food products
- Janosi A, Szamos J// Cent Food Res Inst, Herman Otto ut 15, HU-1022 Budapest, Hungary
Acta Aliment 2001 **30** (1) 113
Comparison of two methods in purification of meat-DNA for PCR
- Kantha SS, Takeuchi M, Watabe S, Ochi H// Japan Inst Control Aging, 723-1 Haruoka, Fukuroi 437 0122, Japan
Lebensm-Wiss Technol-Food Sci 2000 **33** (1) 60
HPLC determination of carnosine in commercial canned soups and natural meat extracts

- Kindstedt PS// Univ Vermont, Dept Nutr & Food Sci, Burlington, Vt 05405, USA
J AOAC Int 2001 **84** (2) 605
 Moisture variations in brine-salted pasta filata cheese
- McKenna DJ// Foss Nth America, 7682 Executive Dr, Eden Prairie, Mn 55344, USA
J AOAC Int 2001 **84** (2) 623
 Measuring moisture in cheese by near infrared absorption spectroscopy
- Nielsen H// Aarhus Univ, Dept Med Biochem, DK-8000 Aarhus C, Denmark
Lebensm-Wiss Technol-Food Sci 2000 **33** (2) 151
 Application of chemical methods to the determination of egg yolk contamination in commercial productions of egg white compared to enzymatic determination
- Paradkar MM, Singhal RS, Kulkarni PR// Univ Dept Chem Technol, Food & Fermentat Technol Div, IN-400019 Mumbai, India
Int J Dairy Technol 2001 **54** (1) 36
 An approach to the detection of synthetic milk in dairy milk: IV. Effect of the addition of synthetic milk on the flow behaviour of pure cow milk
- Relkin P, Molle D, Marin I// Ecole Natl Super Ind Alimentaires, Dept Sci Aliment, Lab Biophys Mat Alimentaires, FR-91744 Massy, France
J Dairy Res 2001 **68** (1) 151
 Non-covalent binding of benzaldehyde to β -lactoglobulin: Characterisation by spectrofluorimetry and electrospray ionisation mass-spectrometry
- Saarinen MT, Kettunen H, Pulliainen K, Peuranen S, Tiihonen K, Remus J// Danisco Cultor Innovat, Ctr Technol, Sokeritehtaantie 20, FI-02460 Kantvik, Finland
J Agric Food Chem 2001 **49** (2) 559
 A novel method to analyze betaine in chicken liver: Effect of dietary betaine and choline supplementation on the hepatic betaine concentration of broiler chicks
- Sasic S, Ozaki Y**// *Kwansei Gakuin Univ, Sch Sci, Dept Chem, Nishinomiya, Hyogo 662 8501, Japan
Appl Spectrosc 2001 **55** (2) 163
 Wavelength-wavelength and sample-sample two-dimensional correlation analyses of short-wave near-infrared spectra of raw milk
- Schwagele F// Bundesanstalt Fleischforsch, Inst Chem & Phys, EC Baumann Str 20, DE-95326 Kulmbach, Germany
Fleischwirtschaft 2001 **81** (2) 78
 Meat analysis: Validation of immunological and gentic methods (German, English Abstract)
- Swatland HJ, Uttaro B, Buddiger N, Mohr J// Univ Guelph, Dept Food Sci, Guelph, Ontario, Canada N1G 2W1
Food Res Int 2001 **34** (2-3) 117
 Spectrophotometry of polarised light transmitted through and reflected from slices of turkey breast meat in relation to pH and fluid losses
- #### 14. Plant & microbial products
- Aggarwal P// Monsanto Co, 800 Nth Lindbergh Blvd, St Louis, Mo 63167, USA
Thermochim Acta 2001 **367** 9
 Phase transition of apple cuticles: A DSC study
- Amarowicz R, Kolodziejczyk PP// Polish Acad Sci, Inst Anim Reprod & Food Res, Div Food Sci, ul Tuwima 10, PL-10747 Olsztyn, Poland
Nahrung 2001 **45** (1) 62
 Application of capillary electrophoresis for separating 1-*O*-glycopyranosyl sinapate from rapeseed
- Baumann D, Adler S, Hamburger M**// *Friedrich Schiller Univ Jena, Inst Pharm, Semmelweisstr 10, DE-007743 Jena, Germany
J Nat Prod 2001 **64** (3) 353
 A simple isolation method for the major catechins in green tea using high-speed countercurrent chromatography
- Bianchi G, Giansante L, Shaw A, Kell DB// Ist Sperimentale Elaiotecn, Contrada Fonte Umano, IT-65013 Citta S Angelo, Pescara, Italy
Eur J Lipid Sci Technol 2001 **103** (3) 141
 Chemometric criteria for the characterisation of Italian protected denomination of origin (DOP) olive oils from their metabolic profiles
- Cuq B, Icard-Verniere C// INRA ENSA, Lab Technol Cereales & Agropolymeres, 2 Pl Viala, FR-34060 Montpellier 1, France
J Cereal Sci 2001 **33** (2) 213
 Characterisation of glass transition of durum wheat semolina using modulated differential scanning calorimetry
- Gonchar MV, Maidan MM, Pavlishko HM, Sibirny AA// Natl Acad Sci, Inst Cell Biol, Drahomanov St 14-16, UA-79005 Lvov, Ukraine
Food Technol Biotechnol 2001 **39** (1) 37
 A new oxidase-peroxidase kit for ethanol assays in alcoholic beverages
- Kim SJ, Ishida M, Matsuo A, Watanabe M, Watanabe Y// Chiba Univ, Grad Sch Sci & Technol, Chiba 263 8522, Japan
Soil Sci Plant Nutr 2001 **47** (1) 167
 Separation and identification of glucosinolates of vegetable turnip rape by LC/APCI-MS and comparison of their contents in ten cultivars of vegetable turnip rape (*Brassica rapa* L.)
- Le Gall G, Puaud M, Colquhoun IJ**// *Food Res Inst, Norwich Res Pk, Norwich NR4 7UA, England
J Agric Food Chem 2001 **49** (2) 580
 Discrimination between orange juice and pulp wash by ^1H nuclear magnetic resonance spectroscopy: Identification of marker compounds
- Lipp M, Bluth A, Eyquem F, Kruse L, Schimmel H, Van den Eede G, Anklam E**// *Commiss European Communities, Joint Res Ctr, Inst Hlth & Consumer Protect, IT-21020 Ispra, Italy
Eur Food Res Technol 2001 **212** (4) 497
 Validation of a method based on polymerase chain reaction for the detection of genetically modified organisms in various processed foodstuffs
- Lu RF, Guyer DE, Beaudry RM// Michigan State Univ, USDA/ARS, MWA SBR, 224 Farrall Hall, East Lansing, Mi 48824, USA
J Texture Stud 2001 **31** (6) 615
 Determination of firmness and sugar content of apples using near-infrared diffuse reflectance
- Matsuoka T, Kuribara H, Akiyama H, Miura H, Goda Y, Kusakabe Y, Isshiki K, Toyoda M, Hino A**// *Minist Agr Forestry & Fisheries, Natl Food Res Inst, 2-1-2 Kannondai, Tsukuba, Ibaraki 305 8642, Japan
J Food Hyg Soc Jpn 2001 **42** (1) 24
 A multiplex PCR method of detecting recombinant DNAs from five lines of genetically modified maize
- Ogawa Y, Sugiyama J, Kuensting H, Ohtani T, Hagiwara S, Liu XQ, Kokubo M, Yamamoto A, Kudoh K, Higuchi T// Natl Food Res Inst, 2-1-2 Kannondai, Tsukuba, Ibaraki 305 8642, Japan
J Agric Food Chem 2001 **49** (2) 736
 Advanced technique for three-dimensional visualization of compound distributions in a rice kernel
- Promberger A, Dornstaauder E, Fruhwirth C, Schmid ER, Jungbauer A**// *Univ Agr Sci, Inst Appl Microbiol, Muthgasse 18, AU-1190 Vienna, Austria
J Agric Food Chem 2001 **49** (2) 633
 Determination of estrogenic activity in beer by biological and chemical means
- Savourin C, Baghdikian B, Elias R*, Darhouth-Kesraoui F, Boukef K, Balarsard G// *Fac Pharm Marseille, Lab Pharmacognosie, 27 Blvd Jean Moulin, FR-13385 Marseille 5, France
J Agric Food Chem 2001 **49** (2) 618
 Rapid high-performance liquid chromatography analysis for the quantitative determination of oleuropein in *Olea europaea* leaves
- Schwarz K, Bertelsen G, Nissen LR, Gardner PT, Heinonen MI, Hopia A, Huynh-Ba T, Lambelet P, McPhail D, Skibsted LH, Tjburg L// Univ Kiel, CAU, Inst Human Nutr & Food Sci, DE-24098 Kiel, Germany
Eur Food Res Technol 2001 **212** (3) 319
 Investigation of plant extracts for the protection of processed foods against lipid oxidation. Comparison of antioxidant assays based on radical scavenging, lipid oxidation and analysis of the principal antioxidant compounds
- Thybo AK, Bechmann IE, Martens M, Engelsens SB**// *Royal Vet & Agr Univ, Dept Dairy & Food Sci, Rolighedsvej 30, DK-1958 Frederiksberg C, Denmark
Lebensm-Wiss Technol-Food Sci 2000 **33** (2) 103
 Prediction of sensory texture of cooked potatoes using uniaxial compression, near infrared spectroscopy and low field ^1H NMR spectroscopy
- Tintunen S, Lehtonen P**// *Alko Inc, Alcohol Control Lab, POB 279, FI-01301 Vantaa, Finland
Eur Food Res Technol 2001 **212** (3) 390
 Distinguishing organic wines from normal wines on the basis of concentrations of phenolic compounds and spectral data
- Tomas-Barberan FA, Martos I, Ferreres F, Radovic BS, Anklam E// CSIC, CEBAS, Dept Ciencia & Tecnol Alimentos, Lab Fitoquim, POB 4195, ES-30080 Murcia, Spain
J Sci Food Agric 2001 **81** (5) 485
 HPLC flavonoid profiles as markers for the botanical origin of European unifloral honeys
- Wang HF, Helliwell K// William Ransom & Son plc, R&D Dept, Hitchin SG5 1LY, England
Food Res Int 2001 **34** (2-3) 223
 Determination of flavonols in green and black tea leaves and green tea infusions by high-performance liquid chromatography
- Wittig J, Herderich M, Graefe EU, Veit M// Zent Inst Arzneimittelforsch, Kranzweitherweg 10, DE-53789 Sinzig, Germany
J Chromatogr B 2001 **753** (2) 237
 Identification of quercetin glucuronides in human plasma by high-performance liquid chromatography-tandem mass spectrometry