

## Bibliography of analytical, nutritional and clinical methods

(2 weeks journals. Search completed at 31st. Oct. 2001)

### 1. Books, reviews & symposia

*Food Control* 2001 **12** (7)

Water Determination in Food: A Challenge for the Analysts - A selection of papers from the 1st International Workshop, Ispra, Italy - 6-7 April 2000

Poste LM, Mackie DA, Butler G, Larmond E// Agr Canada, Ctr Food Res, Ottawa, Ontario, Canada OC6 K1A

*J Jpn Soc Food Sci Technol* 2001 **48** (8) 637

Laboratory methods for sensory analysis of food: Part V (Mini-Review) (Japanese, English Abstract)

Schenzler C, Thier HP// DIN, German Stand Org, Burggrafenstr 6, DE-10787 Berlin, Germany

*Food Addit Contam* 2001 **18** (10) 875

European standardization of methods for pesticide residue analysis in foods: Current status

Spiegelhalter F, Lauter FR, Russell JM\*// \*GeneScan USA Inc, Tech Operat, 101 Woodland Highway, Belle Chasse, La 70035, USA

*J Food Sci* 2001 **66** (5) 634

Detection of genetically modified food products in a commercial laboratory

Warnick GR, Nauck M, Rifai N// Pacific Biometr Res Fdn, 24415 SE 156 St, Issaquah, Wa 98027, USA

*Clin Chem* 2001 **47** (9) 1579

Evolution of methods for measurement of HDL-cholesterol: From ultracentrifugation to homogeneous assays (Review)

### 3. Amino acids, proteins & enzymes

Althaus RL, Molina MP\*, Rodriguez M, Fernandez N// \*Univ Politecn Valencia, Dept Ciencia Anim, Camino Vera 14, Apdo 22012, ES-46071 Valencia, Spain

*J Dairy Sci* 2001 **84** (8) 1829

Analysis time and lactation stage influence on lactoperoxidase system components in dairy ewe milk

Bean SR, Lookhart GL\*// \*USDA/ARS, Grain Mkt & Prod Res Ctr, Washington, DC 20250, USA

*Cereal Chem* 2001 **78** (5) 530

Optimizing quantitative reproducibility in high-performance capillary electrophoresis (HPCE) separations of cereal proteins

Bean SR, Lookhart GL\*// \*Address as above.

*Cereal Chem* 2001 **78** (5) 608

Factors influencing the characterization of gluten proteins by size-exclusion chromatography and multiangle laser light scattering (SEC-MALLS)

Chaudhry AS, Webster AJF// Univ Newcastle upon Tyne, Dept Agric, Newcastle upon Tyne NE1 7RU, England

*J Sci Food Agric* 2001 **81** (11) 1087

Electrophoresis to determine the molecular weight distribution in soluble proteins from various foods and their rumen-resistant residues in cattle

Hau J, Bovetto// Nestec Ltd, Nestle Res Ctr, Vers Chez-les-Blanc, CH-1000 Lausanne 26, Switzerland

*J Chromatogr A* 2001 **926** (1) 105

Characterisation of modified whey protein in milk ingredients by liquid chromatography coupled to electrospray ionisation mass spectrometry

Mazerolles G, Devaux MF, Duboz G, Duployer MH, Riou NM, Dufour E//

INRA, Unite Rech Technol & Anal Laitieres, BP 89, FR-39801 Poligny, France

*Lait* 2001 **81** (4) 509

Infrared and fluorescence spectroscopy for monitoring protein structure and interaction changes during cheese ripening

Neumann A, Beutling D// Dorfstr 7, DE-39638 Wieke, Germany

*Fleischwirtschaft* 2001 **81** (8) 82

Determination of haemoglobin content in well-bled, inadequately bled and non-bled chicken breast muscle (German, English Abstract)

Nielsen PM, Petersen D, Dambmann C// Novozymes, Krogshøjvej 36, DK-2880 Bagsvaerd, Denmark

*J Food Sci* 2001 **66** (5) 642

Improved method for determining food protein degree of hydrolysis

Patacchini C, Masci S\*, Lafiandra D// \*Univ Tuscia, Dipt Agrobiol & Agrochim, via S Camillo de Lellis, IT-01100 Viterbo, Italy

*J Cereal Sci* 2001 **34** (2) 135

A new method to purify  $\gamma$ -type high-molecular weight glutenin subunits from wheat

Prosser CG, Collin RG// AgRes, Ruakura Agr Res Ctr, Private Bag 3123, Hamilton, New Zealand

*Aust J Dairy Technol* 2001 **56** (2) 184

Improved assays for milk proteins

Singh H, MacRitchie F\*// \*Kansas State Univ, Dept Grain Sci & Ind, Manhattan, Ks 66506, USA

*Cereal Chem* 2001 **78** (5) 526

Use of sonication to probe wheat gluten structure

Wesley IJ, Larroque O, Osborne BG, Azudin N, Allen H, Skerritt JH// BRI Australia Ltd, POB 7, Nth Ryde, NSW 1670, Australia

*J Cereal Sci* 2001 **34** (2) 125

Measurement of gliadin and glutenin content of flour by NIR spectroscopy

### 4. Carbohydrates

Guraya HS, James C, Champagne ET// USDA/ARS, Sthn Reg Res Ctr, POB 19687, New Orleans, La 70179, USA

*J Liq Chromatogr Relat Technol* 2001 **24** (15) 2303

Evaluation of debranched rice starch sample preparation methods for anion-exchange chromatography with pulsed amperometric detector

Hotchkiss AT, Lecrinier SL, Hicks KB// USDA/ARS, Eastern Reg Res Ctr, 600 East Mermaid Lane, Wyndmoor, Pa 19038, USA

*Carbohydr Res* 2001 **334** (2) 135

Isolation of oligogalacturonic acids up to DP 20 by preparative high-performance anion-exchange chromatography and pulsed amperometric detection

Paris M, Bizot J, Buzare JY, Buleon A\*// \*INRA, Lab Physicochim Macromol, BP 71627, FR-44316 Nantes 3, France

*Int J Biol Macromol* 2001 **29** (2) 127

NMR local range investigations in amorphous starchy substrates I. Structural heterogeneity probed by  $^{13}\text{C}$  CP-MAS NMR

Paris M, Bizot H, Emery J, Buzare JY, Buleon A\*// \*Address as above.

*Int J Biol Macromol* 2001 **29** (2) 137

NMR local range investigations in amorphous starchy substrates: II. Dynamical heterogeneity probed by  $^1\text{H}/^{13}\text{C}$  magnetization transfer and 2D WISE solid state NMR

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.

Piot O, Autran JC, Manfait M\*// \*UFR Pharm, CNRS FRE 2141 IFR 53, Unite Median, 51 rue Cognacq Jay, FR-51096 Reims, France  
*J Cereal Sci* 2001 **34** (2) 191  
 Investigation by confocal Raman microspectroscopy of the molecular factors responsible for grain cohesion in the *Triticum aestivum* bread wheat. Role of the cell walls in the starchy endosperm  
 Sabatini AG, Marcazzan GL, Colombo R, Carpana E, Serra G// Ist Nazl Apicoltura, via Saliceto 80, IT-40128 Bologna, Italy  
*Ind Aliment* 2001 **40** (404) 623  
 The analytical determination of sugars in honey (Italian, English Abstract)  
 Uno Y, Omoto T, Goto Y, Asai I, Nakamura M, Maitani T// San Ei Gen FFI Inc, Sanwa cho 1-1-11, Osaka 561 8588, Japan  
*Food Addit Contam* 2001 **18** (9) 763  
 Molecular weight distribution of carrageenans studied by a combined gel permeation/inductively coupled plasma (GPC/ICP) method

## 5. Lipids

Caponio F, Pasqualone A, Bilancia MT, Sacco D, Delcuratolo D, Gomes T// Univ Bari, Dipt Progettazione & Gestione Sistemi Agro-zootecnico-forestali, via Amendola 165A, IT-70126 Bari, Italy  
*Ind Aliment* 2001 **40** (404) 628  
 Measure of thermo-oxidation of vegetable oils microwave-heated in model systems (Italian, English Abstract)  
 Cho SI, Chung CH// Seoul Natl Univ, Sch Bioresources & Mat Engn, Dept Agr Engn, Bioelect & Sensors Lab, Suwon 441744, South Korea  
*Trans ASAE* 2001 **44** (2) 377  
 Moisture and oil content measurements of red pepper powder using 10 MHz pulsed NMR  
 Hlongwane C, Delves IG, Wan LW, Ayorinde FO\*// \*Howard Univ, Dept Chem, Washington, DC 20059, USA  
*Rapid Commun Mass Spectrom* 2001 **15** (21) 2027  
 Comparative quantitative fatty acid analysis of triacylglycerols using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and gas chromatography  
 Man YBC, Mirghani MES// Univ Putra Malaysia, Fac Food Sci & Biotechnol, Dept Food Technol, MY-43400 Serdang, Selangor, Malaysia  
*J Am Oil Chem Soc* 2001 **78** (7) 753  
 Detection of lard mixed with body fats of chicken, lamb, and cow by Fourier transform infrared spectroscopy  
 Mottram HR, Evershed RP\*// \*Univ Bristol, Sch Chem, Cantocks Close, Bristol BS8 1TS, England  
*J Chromatogr A* 2001 **926** (2) 239  
 Elucidation of the composition of bovine milk fat triacylglycerols using high-performance liquid chromatography/atmospheric pressure chemical ionisation mass spectrometry  
 Ottaviani MF, Spallaci M, Cangiotti M, Bacchiocca M, Ninfali P// Univ Urbino, Inst Chem Sci, Piazza Rinascimento 6, IT-61029 Urbino, PU, Italy  
*J Agric Food Chem* 2001 **49** (8) 3691  
 Electron paramagnetic resonance investigations of free radicals in extra virgin olive oils  
 Reddy RRR, Chadha A\*, Bhattacharya E// \*Indian Inst Technol, Dept Chem, IN-600036 Madras, India  
*Biosens Bioelectron* 2001 **16** (4-5) 313  
 Porous silicon based potentiometric triglyceride biosensor  
 Shimamoto J, Hasegawa K, Ide K, Kawano S// Prefectural Fisheries Expt Stn, Shizuoka 425 0033, Japan  
*Nippon Suisan Gakkaishi* 2001 **67** (4) 717  
 Nondestructive determination of the fat content in raw and frozen horse mackerel by near infrared spectroscopy (Japanese, English Abstract)  
 Sun FX, Zhao DS, Zhou ZM// Hebei Sci & Technol Univ, Chem & Pharmaceut Engn Coll, Yuhua East Rd 186, CN-050018 Shijiazhuang, Hebei, Peoples Rep China  
*J Am Oil Chem Soc* 2001 **78** (7) 749  
 Determination of oil color by image analysis  
 Tomaino RM, Parker JD, Larick DK\*// \*Nth Carolina State Univ, Dept Food Sci, Box 7624, Raleigh, NC 27695, USA  
*J Agric Food Chem* 2001 **49** (8) 3993  
 Analysis of free fatty acids in whey products by solid-phase microextraction

## 6. Vitamins & co-factors

Buratti S, Cosio MS, Benedetti S, Mannino S\*// \*Univ Milan, Dipt Sci & Tecnol Alimentari & Microbiol, via Celoria 2, IT-20133 Milan, Italy  
*Analyst* 2001 **126** (8) 1466

Determination of ascorbyl 6-palmitate in food matrices by amperometric flow injection analysis  
 Kriz K, Anderlund M, Kriz D\*// \*Lund Univ, Dept Pure & Applied Biochem, PO Box 124, SE-22100 Lund, Sweden  
*Biosens Bioelectron* 2001 **16** (6) 363  
 Real-time detection of L-ascorbic acid and hydrogen peroxide in crude food samples employing a reversed sequential differential measuring technique of the SIRE-technology based biosensor  
 Li HB, Chen F\*// \*Univ Hong Kong, Dept Bot, Pokfulam Rd, Hong Kong, Peoples Rep China  
*Chromatographia* 2001 **54** (3-4) 270  
 Simultaneous determination of twelve water- and fat-soluble vitamins by high-performance liquid chromatography with diode array detection  
 Lin XQ, Zhang L// Univ Sci & Technol China, Dept Chem, CN-230026 Anhui, Peoples Rep China  
*Anal Chem* 2001 **34** (10) 1585  
 Simultaneous determination of dopamine and ascorbic acid at glutamic acid modified graphite electrode  
 Liu X, Zhu Y, Cheng G, Dong S\*// \*Chinese Acad Sci, Inst Appl Chem, Key State Lab Electroanal Chem, CN-130022 Changchun, Peoples Rep China  
*Electroanalysis* 2001 **13** (13) 1071  
 Circular dichroism spectroelectrochemical and voltammetric studies of vitamin B<sub>2</sub>  
 McKeown NM, Rasmussen HM, Charnley JM, Wood RJ, Booth SL\*// \*Tufts Univ, Jean Mayer USDA Human Nutr Res Ctr, Boston, Ma 02111, USA  
*J Am Diet Assoc* 2000 **100** (10) 1201  
 Accuracy of phyloquinone (vitamin K<sub>2</sub>) data in 2 nutrient databases as determined by direct laboratory analysis of diets  
 Perez-Ruiz T, Martinez-Lozano C, Thomas V, Fenol J// Univ Murcia, Fac Chem, Dept Analyt Chem, ES-30071 Murcia, Spain  
*Analyst* 2001 **126** (8) 1436  
 Fluorimetric determination of total ascorbic acid by a stopped-flow mixing technique  
 Song JF, He P, Guo W// Northwest Univ, Inst Analyt Sci, CN-710069 Xian, Peoples Rep China  
*Anal Lett* 2001 **34** (10) 1677  
 Determination of menadione based on its polarographic catalytic wave in the presence of potassium iodinate  
 Song ZH, Wang L// New Univ Xian, Dept Chem, CN-710069 Xian, Peoples Rep China  
*Analyst* 2001 **126** (8) 1393  
 Reagentless chemiluminescence flow sensor for the determination of riboflavin in pharmaceutical preparations and human urine  
 Stoggl WM, Huck CW, Scherz H, Popp M, Bonn GK\*// \*Innsbruck Univ, Inst Analyt Chem & Radiochem, Innrain 52A, AU-6020 Innsbruck, Austria  
*Chromatographia* 2001 **54** (3-4) 179  
 Analysis of vitamin E in food and phytopharmaceutical preparations by HPLC and HPLC-APCI-MS-MS  
 Wang J, Wu Z, Tang J, Teng R, Wang E\*// \*Chinese Acad Sci, Changchun Inst Appl Chem, Nat Anal Res Ctr Electrochem & Spectrosc, Lab Electroanal Chem, CN-130022 Changchun, Jilin, Peoples Rep China  
*Electroanalysis* 2001 **13** (13) 1093  
 Electro-catalytic oxidation of ascorbic acid by ferrocene in lipid film case on a glassy carbon electrode

## 7. Trace elements & minerals

Bannon DI, Chisolm J// Kennedy Krieger Inst, 707 Nth Broadway, Baltimore, Md 21205, USA  
*Clin Chem* 2001 **47** (9) 1703  
 Anodic stripping voltammetry compared with graphite furnace atomic absorption spectrophotometry for blood lead analysis  
 Cubadda F, Baldini M, Carcea M, Pasqui LA, Raggi A, Stacchini P// Ist Super Sanita, Lab Alimenti, Viale Regina Elena 299, IT-00161 Rome, Italy  
*Food Addit Contam* 2001 **18** (9) 778  
 Influence of laboratory homogenization procedures on trace element content of food samples: An ICP-MS study on soft and durum wheat  
 Frias S, Trujillo JP\*, Pena EM, Conde JE// \*Univ La Laguna, Fac Chem, Dept Analyt Chem Nutr & Food Sci, ES-38201 Tenerife, Spain  
*Eur Food Res Technol* 2001 **213** (2) 145  
 Classification and differentiation of bottled sweet wines of Canary Islands (Spain) by their metallic content  
 Leiterer M, Truckenbrodt D, Franke K// Thuringer Landesanstalt Landwirtschaft, Naumburger Str 98, DE-07743 Jena, Germany  
*Eur Food Res Technol* 2001 **213** (2) 150

Determination of iodine species in milk using ion chromatographic separation and ICP-MS detection

Sepe A, Costantini S, Ciaralli L, Ciprotti M, Giordano R\*// \*Ist Super Sanita, Dept Appl Toxicol, Trace Elements Unit, Viale Regina Elena 299, IT-00161 Rome, Italy

*Food Addit Contam* 2001 **18** (9) 788

Evaluation of aluminium concentrations in samples of chocolate and beverages by electrothermal atomic absorption spectrometry

## 8. Drug, biocide & processing residues

Barberio A, Piovan G, Marsilio E, Carpanese F, Dalvit P// Ist Zooprofilatt Sperimentale Venezia, via Romea 14-A, IT-35020 Legnaro, PD, Italy

*Ind Aliment* 2001 **40** (404) 641

$\beta$ -Lactam antibiotics residues detection in milk by solid phase fluorescence immunoassay (Parallux) (Italian, English Abstract)

Bicchi C, Cordero C, Rubiolo P, Occelli A// Univ Turin, Dipt Sci & Tecnol Farmacol, via Pietro Giuria 9, IT-10125 Turin, Italy

*J Agric Food Chem* 2001 **49** (8) 3548

Determination of daminozide residues in apple pulp using HPLC-DAD-UV

Chonan T// Hokkaido Inst Publ Hlth, Kita ku, Nishi 12 chome, Kita 19 jo, Sapporo, Hokkaido 060 081, Japan

*J Food Hyg Soc Jpn* 2001 **42** (4) 249

Determination of azoxystrobin in tea by HPLC (Japanese, English Abstract)

Christensen HB, Granby K// Danish Vet & Food Adm, Morkhøj Bygade 19, DK-2860 Soborg, Denmark

*Food Addit Contam* 2001 **18** (10) 866

Method validation for strobilurin fungicides in cereals and fruit

Covaci A, Hura C, Schepens P// Univ Instelling Antwerp, Dept Pharmaceut Sci, Toxicol Ctr, Universiteitspl 1, BE-2610 Wilrijk, Belgium

*Chromatographia* 2001 **54** (3-4) 247

Determination of selected persistent organochlorine pollutants in human milk using solid phase disk extraction and narrow bore capillary GC-MS

Covaci A, Schepens P// Address as above.

*J Chromatogr A* 2001 **923** (1-2) 287

Mass spectrometric detection in narrow-bore (0.10 mm ID) capillary chromatography: Fast, sensitive and selective analysis of polychlorinated biphenyls

Debrauwer L, Rathahao E, Boudry G, Baradat M, Cravedi JP// INRA, Lab Xenobiot, BP 3, FR-31931 Toulouse 9, France

*J Agric Food Chem* 2001 **49** (8) 3821

Identification of the major metabolites of prochloraz in rainbow trout by liquid chromatography and tandem mass spectrometry

Garcia MA, Solans C, Hernandez E, Puig M, Bregante MA// Univ Zaragoza, Fac Vet, Dept Analyt Chem, Miguel Servet 177, ES-50013 Zaragoza, Spain

*Chromatographia* 2001 **54** (3-4) 191

Simultaneous determination of enrofloxacin and its primary metabolite, ciprofloxacin, in chicken tissues

Hirano S, Tanaka M, Date K, Ohno K, Kobayashi K, Sakurai T, Nagao Y, Nobuhara Y, Yamada T// Nissin Food Prod Co Ltd, Cent Res Inst, 2247 Noji, Kusatsu, Shiga 525 0055, Japan

*J Agric Food Chem* 2001 **49** (8) 4127

Identification, determination and biological evaluation of a novel styrene trimer contained in polystyrene food containers. II.

Kang JH, Kondo F\*// \*Miyazaki Univ, Fac Agr, Dept Vet Publ Hlth, Kibanadai nishi, Gakuen, Miyazaki 889 2192, Japan

*J Food Prot* 2001 **64** (8) 1211

Occurrence of false-positive results of inhibitor in milk samples using the Delvotest SP assay

Kaufmann A, Ryser B// Official Food Control Authority Canton Zurich, Kantonales Labor Zurich, CH-8030 Zurich, Switzerland

*Rapid Commun Mass Spectrom* 2001 **15** (18) 1747

Multiresidue analysis of tranquillizers and the  $\beta$ -blocker carazolol in meat in liquid chromatography/tandem mass spectrometry

Mastovska K, Lehotay SJ\*, Hajslova J// \*USDA/ARS, Eastern Reg Res Ctr, 600 East Mermaid Lane, Wyndmoor, Pa 19038, USA

*J Chromatogr A* 2001 **926** (2) 291

Optimization and evaluation of low-pressure gas chromatography-mass spectrometry for the fast analysis of multiple pesticide residues in a food commodity

McFarlane NJB, Bull CR, Tillett RD, Speller RD\*, Royle GJ// \*Silsoe Res Inst, Wrest Pk, Silsoe MK45 4HS, England

*J Agric Eng Res* 2001 **79** (4) 407

Time constraints on glass detection in food materials using Compton scattered X-rays

Okuyama M, Matsuki Y, Nakazawa H// Hatano Res Inst, Food & Drug Safety

Ctr, 729-5 Ochiai, Hadano, Kanagawa 257 852, Japan

*J Food Hyg Soc Jpn* 2001 **42** (4) J233

The role of enzyme-immunoassay in analysis of dioxins (Japanese, English Abstract)

Sasaki K, Tatsuno T, Nakamura M, Anazawa A, Imazawa T, Utsunomiya O, Terasawa S, Osada H, Kaneko M, Toyoda M// Natl Inst Hlth Sci, Setagaya ku, 1-18-1 Kamiyoga, Tokyo 158 8501, Japan

*J Food Hyg Soc Jpn* 2001 **42** (4) 269

Method-performance studies of notified analytical method for inabenzide (Japanese, English Abstract)

Sasaki K, Tatsuno T, Nakamura M, Anazawa A, Imazawa T, Utsunomiya O, Ohshima T, Osada H, Kaneko M, Toyoda M// Address as above.

*J Food Hyg Soc Jpn* 2001 **42** (4) 273

Method-performance studies of notified analytical method for chinomethionat (Japanese, English Abstract)

Sasaki K, Tatsuno T, Nakamura M, Imazawa T, Utsunomiya O, Kondo Y, Osada H, Takahata K, Toyoda M// Address as above.

*J Food Hyg Soc Jpn* 2001 **42** (4) 278

Method-performance studies of notified analytical method for clofentazine (Japanese, English Abstract)

Sasaki K// Address as above.

*J Food Hyg Soc Jpn* 2001 **42** (4) J242

Method-performance study of analytical method of pesticide residue in foods (Japanese, English Abstract)

Satoh M, Shimokawa S, Sakaguchi M// Fdn Saika Technol Inst, 75-2 Kuroda, Wakayama 640 8341, Japan

*J Pestic Sci* 2001 **26** (3) 253

A simple extraction and cleanup method for multiresidue analysis of pesticides in fruits and vegetables

Taguchi S, Yoshida S, Tanaka Y, Hori S// Osaka Prefectural Inst Publ Hlth, Higashinari ku, 1-3-69 Nakamichi, Osaka 537 0025, Japan

*J Food Hyg Soc Jpn* 2001 **42** (4) 226

Simple and rapid analysis of trenbolone and zeranol residues in cattle muscle and liver by stack-cartridge solid-phase extraction and HPLC using on-line clean-up with EC and UV detection (Japanese, English Abstract)

Tarbah FA, Mahler H, Temme O, Daldrup T\*// \*Univ Dusseldorf, Inst Legal Med, POB 10 10 07, DE-40001 Dusseldorf, Germany

*Forensic Sci Int* 2001 **121** (1-2) 126

An analytical method for the rapid screening of organophosphate pesticides in human biological samples and foodstuffs

Toyoda M// Natl Inst Hlth Sci, Setagaya ku, 1-18-1 Kamiyoga, Tokyo 158 8501, Japan

*J Food Hyg Soc Jpn* 2001 **42** (4) J239

Scientific research related to analysis of harmful substances in foods and dietary intakes (Japanese, English Abstract)

Volante M, Galarini R, Miano V, Cattaneo M, Pecorelli I, Bianchi M, Marinoni MT, Cossignani L, Damiani P// Agenzia Protezione Ambiente Lombardia, Lab Chim Ambientale, V Cadorna 8, IT-22100 Como, Italy

*Chromatographia* 2001 **54** (3-4) 241

A SPME-GC-MS approach for antivarro and pesticide residues analysis in honey

Von Holst C, Muller A, Bjorklund E, Anklam E// Ins Hlth & Consumer Protect, Food Prod Unit, Eur Commiss, Joint Res Ctr, IT-21020 Ispra, Italy

*Eur Food Res Technol* 2001 **213** (2) 154

In-house validation of a simplified method for the determination of PCBs in food and feedingstuffs

Zehringer M// State Lab, Kannenfeldstr 2, CH-4012 Basel, Switzerland

*Food Addit Contam* 2001 **18** (10) 859

Use of laminar cup liners for the preparation of fatty samples for pesticide analysis

## 9. Toxins

Atanassova V, Meindl A, Ring C// Sch Vet Med, Dept Food Hyg & Microbiol 43, Ctr Food Sci, Bischofsholer Damm 15, DE-30173 Hannover, Germany

*Int J Food Microbiol* 2001 **68** (1-2) 105

Prevalence of *Staphylococcus aureus* and staphylococcal enterotoxins in raw pork and uncooked smoked ham: A comparison of classical culturing detection and RFLP-PCR

Lee ST, Schoch TK, Stegelmeier BL, Gardner DR, Than KA, Molyneux RJ// USDA/ARS, Poisonous Plant Res Lab, 1150 East 1400 Nth, Logan, Ut 84341, USA

*J Agric Food Chem* 2001 **49** (8) 4144

Development of enzyme-linked immunosorbent assays for the hepatotoxic alkaloids riddelliine and riddelliine N-oxide

Omurtag GZ, Yazicioglu D// Marmara Univ, Fac Pharm, Dept Pharmaceut Toxicol, TR-81010 Istanbul, Turkey  
*Food Addit Contam* 2001 **18** (9) 844

Occurrence of T<sub>2</sub> toxin in processed cereals and pulses in Turkey determined by HPLC and TLC

Van den Top HJ, Boenke A, Burdaspal PA, Bustos J, Van Egmond HP, Legarda T, Mesego A, Mourino A, Paulsch WE, Salgado C// Natl Inst Publ Hlth & Environm, Lab Residue Anal, NL-3720 BA Bilthoven, The Netherlands  
*Food Addit Contam* 2001 **18** (9) 810

The development of reference materials for paralytic shellfish poisoning toxins in lyophilized mussel. II: Certification study

Woo IS, Kim IH, Yun UJ, Chung SK, Rhee IK, Choi SW, Park HD// \*Kyungpook Natl Univ, Dept Food Sci & Technol, 1370 Sankyuk, Taegu 702701, South Korea  
*J Ind Microbiol Biotechnol* 2001 **26** (6) 363

An improved method for determination of ethyl carbamate in Korean traditional rice wine

## 10. Additives

Chen QC, Wang J// China Import & Export Commod, Inspect Technol Inst, CN-100025 Beijing, Peoples Rep China  
*J Liq Chromatogr Relat Technol* 2001 **24** (9) 1341

Determination of quinine in drinks by reversed-phase ion-pair chromatography

Eymann R, Fischer W, Hauck HE, Weins C// Merk KGAA, Frankfurter Str 250, DE-64271 Darmstadt, Germany  
*Fleischwirtschaft* 2001 **81** (8) 95

Detection of antibiotics in feed by bioactivity based analysis (German, English Abstract)

Hajee CAJ, Van Rhijn HA\*, Lasaroms JJP, Keukens HJ, De Jong J// \*State Inst Qual Control Agr Prod, Bornsesteeg 45, POB 230, NL-6700 AE Wageningen, The Netherlands  
*Analyst* 2001 **126** (8) 1332

Development and validation of a method for the determination of sub-additive levels of virginiamycin in compound animal feeds by liquid chromatography

Inoue K, Yoshimura Y, Nakazawa H// \*Hoshi Univ, Fac Pharmaceut Sci, Dept Analyt Chem, Shinagawa ku, Ebara 2-4-41, Tokyo 142 8501, Japan  
*Anal Lett* 2001 **34** (10) 1711

Evaluation of the turmeric (*Curcuma longa* L.) based on the flow-injection analysis of ultraviolet and fluorometric detections

Lin SY, Jeng SL// Council Agr Natl Inst Anim Hlth Execut Yuan, 376 Chung Cheng Rd, Taipei 251, Taiwan  
*J Food Prot* 2001 **64** (8) 1231

High-performance liquid chromatographic determination of carbadox, olaquinoxid, furazolidine, nitrofurazone, and nitrovin in feed

Lowinsohn D, Bertotti M// \*Univ Sao Paulo, Inst Quim, BR-05508-900 Sao Paulo, Brazil  
*Food Addit Contam* 2001 **18** (9) 773

Determination of sulphite in wine by coulometric titration

Tsuji S, Amakura Y, Umino Y, Nishi M, Nakanishi T, Tonogai Y// Natl Inst Hlth Sci, Osaka Branch, Chuo ku, 1-1-43 Hoenzaka, Osaka 540 0006, Japan  
*J Food Hyg Soc Jpn* 2001 **42** (4) 243

Structural determination of the subsidiary colors in Food Blue No. 1 (Brilliant Blue FCF) aluminum lake detected by paper chromatography (Japanese, English Abstract)

## 11. Flavours & aromas

De Gioannis B, Marongiu B, Porcedda S// Univ Cagliari, Dipt Sci Chim, Cittadella Univ Monserrato, St Prov Sestu km 0.770 SS 5541, IT-090421 Cagliari, Italy  
*J Essent Oil Res* 2001 **13** (4) 240

Isolation of *Thymus herba-barona* volatiles by supercritical fluid extraction

Feger W, Brandauer H, Ziegler H// Erich Ziegler GmbH, Am Weiher 133, DE-91347 Aufsess, Germany  
*J Essent Oil Res* 2001 **13** (5) 309

Analytical investigation of sweetie peel oil

Hardcastle JL, Paterson CJ, Compton RG// \*Oxford Univ, Phys & Theoret Chem Lab, Sth Parks Rd, Oxford OX1 3QZ, England  
*Electroanalysis* 2001 **13** (11) 899

Biphasic sonoelectroanalysis: Simultaneous extraction from, and determination of vanillin in food flavoring

Hor K, Ruff C, Weckerle B, Konig T, Schreier P// \*Univ Wurzburg, Lehrstuhl Lebensmittelchem, Am Hubland, DE-97074 Wurzburg, Germany

*Flavour Fragr J* 2001 **16** (5) 344

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