

Bibliography of analytical, nutritional and clinical methods

(5 weeks journals. Search completed at 6th. Dec. 2000)

1. Books, reviews & symposia

- Pais P, Knize MG// Euromed SA, C/ Rec Dalt 8, ES-08100 Barcelona, Spain
J Chromatogr B 2000 **747** (1-2) 139
Chromatographic and related techniques for the determination of aromatic heterocyclic amines in foods (Review)
- Toribio F, Galceran MT, Puignou L*// *Univ Barcelona, Dept Quim Analit, Diagonal 647, ES-08028 Barcelona, Spain
J Chromatogr B 2000 **747** (1-2) 171
Separation of heteroaromatic amines in food products (Review)
- Venugopal V, Lakshmanan R, Doke SN, Bongirwar DR// Bhabha Atom Res Ctr, Food Technol Div, IN-400085 Bombay, India
Food Biotechnol 2000 **14** (1-2) 21
Enzymes in fish processing, biosensors and quality control: A review

2. General

- Andersen AB, Risbo J, Andersen ML, Skibsted LH*// *Royal Vet & Agric Univ, Dept Dairy & Food Sci, Rolighedsvej 30, DK-1958 Frederiksberg C, Denmark
Food Chem 2000 **70** (4) 499
Oxygen permeation through an oil-encapsulating glassy food matrix studied by ESR line broadening using a nitroxyl spin probe
- Schrader B, Schulz H, Andreev GN, Klump HH, Sawatzki J// Univ Essen Gesamthsch, Inst Phys & Theoret Chem, Soniusweg 20, DE-45259 Essen, Germany
Talanta 2000 **53** (1) 35
Non-destructive NIR-FT-Raman spectroscopy of plant and animal tissues, of food and works of art

3. Amino acids, proteins & enzymes

- Austin KT, *Butzke CE// *Univ Calif Davis, Dept Viticulture & Enol, 1 Shields Ave, Davis, Ca 95616, USA
Am J Enol Viticult 2000 **51** (3) 227
Spectrophotometric assay for arginine in grape juice and must
- Chen J, Lindmark-Mansson H, Akesson B*// *Lund Univ, Lund Inst Technol, Ctr Chem & Chem Engr, POB 124, SE-22100 Lund, Sweden
Int Dairy J 2000 **10** (5-6) 347
Optimisation of a coupled enzymatic assay of glutathione peroxidase activity in bovine milk and whey
- Demiralp H, Celik S*, Koksels H// *Hacettepe Univ, Fac Engr, Dept Food Engr, TR-06532 Ankara, Turkey
Eur Food Res Technol 2000 **211** (5) 322
Effects of oxidizing agents and defatting on the electrophoretic patterns of flour proteins during dough mixing
- Desportes C, Charpentier N, Duteurtre B, Maujean A, Duchiron F*// *Univ Reims, Lab Microbiol Ind, BP 1039, Moulin Housse, FR-51687 Reims 2, France
J Chromatogr A 2000 **893** (2) 281
Liquid chromatographic fractionation of small peptides from wine

- Faist V, Drusch S, Kiesner C, Elmadfa I, Erbersdobler HF// Univ Kiel, Inst Human Nutr & Food Sci, Dusternbrooker Weg 17, DE-24105 Kiel, Germany
Int Dairy J 2000 **10** (5-6) 339
Determination of lysinoalanine in foods containing milk protein by high-performance chromatography after derivatisation with dansyl chloride
- Herbert P, Barros P, Alves A*// *Univ Oporto, Fac Engr, Dept Engr Quim, Rua Dos Bragas, PT-4099 Oporto, Portugal
Am J Enol Viticult 2000 **51** (3) 262
Detection of port wine imitations by discriminant analysis using free amino acids profiles
- Moreno FJ, Recio I, Olano A, Lopez-Fandino R*// *CSIC, Inst Fermentac Ind, Juan Cierva 3, ES-28006 Madrid, Spain
J Dairy Res 2000 **67** (3) 349
Chromatographic characterization of ovine κ -casein macropeptide
- Pizzano R, Nicolai MA, Padovano P, Ferranti P, Barone F, Addeo F// Univ Naples Federico II, Dipt Sci Alimenti, via Univ 100, Parco Gussone, IT-80055 Portici, Italy
J Agric Food Chem 2000 **48** (10) 4555
Immunochemical evaluation of bovine β -casein and its 1-28 phosphopeptide in cheese during ripening

4. Carbohydrates

- Billian P, Hock W, Doetzer R, Stan HJ*, Dreher W// *Tech Univ Berlin, Inst Food Chem, Gustav Meyer Allee 25, DE-13355 Berlin, Germany
Anal Chem 2000 **72** (20) 4973
Isolation of *n*-decyl- α (1 \rightarrow 6) isomaltoside from a technical APG mixture and its identification by the parallel use of LC-MS and NMR spectroscopy
- Caceres A, Cardenas S, Gallego M, Rodriguez A, Valcarcel M*// *Univ Cordoba, Div Analyt Chem, ES-14004 Cordoba, Spain
Chromatographia 2000 **52** (5-6) 314
Automated flow system on-line to LC with postcolumn derivatization for determination of sugars in carbohydrate-rich foods
- Guenu S, Seigneuret JM, Dreux M// Antenne Sci Univ Chartes Univ Orleans, 21 rue Loigny Bataille, FR-28000 Chartes, France
J Liq Chromatogr Relat Technol 2000 **23** (18) 2883
Analysis of maltodextrins in plant extracts by LC using evaporative light scattering detection
- Kabel MA, Schols HA, Voragen AGJ*// *Wageningen Univ, Dept Agrotechnol & Food Sci, Lab Food Chem, Bomenweg 2, NL-6703 HD Wageningen, The Netherlands
Carbohydr Polym 2001 **44** (2) 161
Mass determination of oligosaccharides by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry following HPLC, assisted by on-line desalting and automated sample handling
- Kacurakova M, Capek P, Sasinkova V, Wellner N, Ebringerova A// Slovak Acad Sci, Inst Chem, SK-84238 Bratislava, Slovakia
Carbohydr Polym 2000 **43** (2) 195
FT-IR study of plant cell wall model compounds: Pectic polysaccharides and hemicelluloses
- Lewen KS, McCormick IH, Molitor P, Schmidt SJ*, Eads TM// *Univ Illi-

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.

nois, Dept Food Sci & Human Nutr, 905 Sth Goodwin Ave, Urbana, IL 61801, USA

J Agric Food Chem 2000 **48** (10) 4469

Factors affecting the collection and fitting of nuclear magnetic cross-relaxation spectroscopy data with application to waxy corn starch

Sivakesava S, Irudayaraj J*// *Penn State Univ, Dept Agr & Biol Engr, 227 Agr Engr Bldg, University Park, Pa 16802, USA

Appl Eng Agric 2000 **16** (5) 543

Determination of sugars in aqueous mixtures using mid-infrared spectroscopy

Tas AA, El SN// Ege Univ, Engr Fac, Food Engr Dept, TR-35100 Bornova, Izmir, Turkey

Food Chem 2000 **70** (4) 493

Determination of nutritionally important starch fractions of some Turkish breads

Vasilariou AMG, Georgiou CA// Agr Univ Athens, Chem Lab, 75 Iera Odos, GR-11855 Athens, Greece

J Chem Educ 2000 **77** (10) 1327

Enzymatic spectrophotometric reaction rate determination of glucose in fruit drinks and carbonated beverages: An analytical chemistry laboratory experiment for food science-oriented students

Way WK, Gibson KG, Breite AG// Chemir Polytech Labs Inc, 2672 Metro Blvd, Maryland Heights, Mo 63043, USA

J Liq Chromatogr Relat Technol 2000 **23** (18) 2851

Determination of chondroitin sulfate in nutritional supplements by liquid chromatography

5. Lipids

Aubourg SP// CSIC, Inst Invest Marinas, C/ E Cabello 6, ES-36208 Vigo, Spain

Eur Food Res Technol 2000 **211** (5) 310

Assessment of antioxidant effectiveness on thermally treated marine lipids by fluorescence detection

Darnoko D, Cheryan M*, Perkins EG// *Univ Illinois, Dept Food Sci & Human Nutr, Agr Bioproc Lab, 1302 West Penn Ave, Urbana, IL 61801, USA

J Liq Chromatogr Relat Technol 2000 **23** (15) 2327

Analysis of vegetable oil transesterification products by gel permeation chromatography

Decker M, Ronn B, Jorgensen SS*// *Royal Vet & Agr Univ, Dept Chem, Thorvaldsensvej 40, DK-1871 Frederiksberg C, Denmark

Eur Food Res Technol 2000 **211** (5) 366

Thermally assisted in-line methylation and gas chromatography with statistical data analysis for determination of fatty acid distribution and fingerprinting of plant seeds and oils

Galban J, Sierra JF, Sebastian JML, De Marcos S, Castillo JR// Univ Zaragoza, Fac Sci, Dept Analyt Chem, GEAS, ES-50009 Zaragoza, Spain

Appl Spectrosc 2000 **54** (8) 1157

Direct fluorometric determination of total cholesterol in serum using derivatized cholesterol oxidase

Guillen MD, Cabo N// Univ Pais Vasco, Fac Farm, Paseo Univ 7, ES-01006 Vitoria, Spain

J Sci Food Agric 2000 **80** (14) 2028

Some of the most significant changes in the Fourier transform infrared spectra of edible oils under oxidative conditions

Li H, Van de Voort FR*, Ismail AA, Sedman J, Cox R// *McGill Univ, Dept Food Sci & Agric Chem, McGill IR Grp, MacDonald Campus, Box 187, St Anne de Bellevue, Quebec, Canada H9X 3V9

J Am Oil Chem Soc 2000 **77** (10) 1061

Trans determination of edible oils by Fourier transform near-infrared spectroscopy

Martini S, Anon MC// UNLP, CIDCA, CONICET, Casilla Correo 553, AR-1900 La Plata, BA, Argentina

J Am Oil Chem Soc 2000 **77** (10) 1087

Determination of wax concentration in sunflower seed oil

Matthan NR, Raeini-Sarjaz M, Lichtenstein AH, Ausman LM, Jones PJH*// *McGill Univ, Fac Agr & Environm Sci, Sch Dietet & Human Nutr, MacDonald Campus, 21 111 Lakeshore Rd, St Anne de Bellevue, Quebec, Canada H9X 3V9

Lipids 2000 **35** (9) 1037

Deuterium uptake and plasma cholesterol precursor levels correspond as methods for measurement of endogenous cholesterol synthesis in hypercholesterolemic women

Melgosa M, Perez MM, Hita E, Moyano MJ, Alba J, Heredia FJ// Univ Gra-

nada, Fac Ciencias, Dept Opt, ES-18071 Granada, Spain

J Am Oil Chem Soc 2000 **77** (10) 1093

Precision and accuracy in the color specification of virgin olive oils from the bromthymol blue method

Moh MH, Tang TS, Tan GH// Palm Oil Res Inst, Adv Oleochem Technol Ctr, Persiaran Inst 6, MY-43650 Kajang, Selangor, Malaysia

J Am Oil Chem Soc 2000 **77** (10) 1077

Optimization and validation of high-performance liquid chromatographic method for the determination of Dowtherm ATM in edible oils and oleochemicals

Mu HL, Sillen H, Hoy CE// Tech Univ, Dept Biochem & Nutr, Ctr Adv Food Studies, Bldg 224, DK-2800 Lyngby, Denmark

J Am Oil Chem Soc 2000 **77** (10) 1049

Identification of diacylglycerols and triacylglycerols in a structured lipid sample by atmospheric pressure chemical ionization liquid chromatography/mass spectrometry

Ohm JB, Chung OK*// *USDA/ARS, Grain Mkt & Prod Res Ctr, Manhattan, Ks 66502, USA

Cereal Chem 2000 **77** (5) 556

NIR transmittance estimation of free lipid content and its glycolipid and digalactosyldiglyceride contents using wheat flour lipid extracts

Razzazi-Fazeli E, Kleineisen S, Luf W// Univ Vienna Med, Inst Nutr, Veterinarpl Pl 1, AU-1210 Vienna, Austria

J Chromatogr A 2000 **896** (1-2) 321

Determination of cholesterol oxides in processed food using high performance liquid chromatography-mass spectrometry with atmospheric pressure chemical ionisation

Schothorst RC, Jekel AA// Nat Inst Publ Hlth & Environm (RIVM), Lab Residue Anal (ARO), PO Box 1, NL-3720 BA Bilthoven, The Netherlands

Food Chem 2000 **70** (4) 515

Results of analysis of the 1994 Dutch duplicate 24-hour diet samples: Fatty acids

Scolari M, Luzzana U*, Stefani L, Mentasti T, Moretti VM, Valfre F, Lopez C, Hardy RW// *ASA SRL Agridea, Serv Nutr, Viale Lavoro 45, IT-3706 S Martino Buonalberg, VR, Italy

Aquacult Res 2000 **31** (10) 785

Quantification of cholesterol oxidation products in commercial fish meals and their formation during storage

Xu XQ// Food Sci Australia, Private Bag 16, Werribee, Vic 3030, Australia

J Am Oil Chem Soc 2000 **77** (10) 1083

A new spectrophotometric method for the rapid assessment of deep frying oil quality

6. Vitamins & co-factors

Aburjai T, Amro BI, Aiedeh K, Abuirjeie M, Al Khalil S// Univ Jordan, Fac Pharm, Dept Pharmaceut Sci, Amman, Jordan

Pharmazie 2000 **55** (10) 751

Second derivative ultraviolet spectrophotometry and HPTLC for the simultaneous determination of vitamin C and dipyrone

Bostrom-Caselonghe M, Lindeberg J// BIAcore AB, Rapskatan 7, SE-75450 Uppsala, Sweden

Food Chem 2000 **70** (4) 523

Biosensor-based determination of folic acid in fortified food

Higashi T, Ogasawara A, Shimada K*// *Kanazawa Univ, Fac Pharmaceut Sci, 13-1 Takari machi, Kanazawa, Ishikawa 920 093, Japan

J Liq Chromatogr Relat Technol 2000 **23** (16) 2475

High performance liquid chromatographic separation of dihydroxylated vitamin D₃ metabolites using mobile phase containing cyclodextrin

Hollis BW// Med Univ Sth Carolina, Dept Pediat, 171 Ashley Ave, Charleston, SC 29425, USA

Clin Chem 2000 **46** (10) 1657

Comparison of commercially available ¹²⁵I-based RIA methods for the determination of circulating hydroxyvitamin D

Huang YM, Zhang ZJ*, Zhang DJ// *SW Normal Univ, Inst Analyt Sci, CN-400715 Chongqing, Peoples Rep China

Anal Lett 2000 **33** (13) 2677

Chemiluminescence flow injection analysis of menadione sodium bisulfite based on luminol reaction

Indyk HE, Evans EA, Caselonghe MCB, Persson BS, Finglas PM, Woollard DC, Filonzi EL// Anchor Prod, POB 7, Waitoa, New Zealand

JAOAC Int 2000 **83** (5) 1141

Determination of biotin and folate in infant formula and milk by optical biosensor-based immunoassay

Kanazawa H, Miyata C, Nagata Y, Urano S, Matsushima Y// Kyoritsu Coll Pharmaceut Sci, Minato ku, 1-5-30 Shibakoen, Tokyo 105 8512, Japan
Chem Pharm Bull Tokyo 2000 **48** (10) 1462

Determination of α -tocopherol and α -tocopherylquinone in rat tissues and plasma by high-performance liquid chromatography with electrochemical detection

Luterotti S, Sikovec M, Bicanic D// Univ Zagreb, Fac Pharm & Biochem, Dept Analyt Chem, ante Kovacica 1, HR-10000 Zagreb, Croatia
Talanta 2000 **53** (1) 103

Ultrasensitive determination of *trans*- β -carotene in rat and beef livers by means of high-performance liquid chromatography coupled with thermal lens detection

Melchert HU, Pabel E// Robert Koch Inst, Bereich Tempelhof, Gen Pape Str 62-66, DE-12101 Berlin, Germany
J Chromatogr A 2000 **896** (1-2) 209

Quantitative determination of α -, β -, γ -, and δ -tocopherols in human serum by high-performance liquid chromatography and gas chromatography-mass spectrometry as trimethylsilyl derivatives with a two-step sample preparation

Ndaw S, Bergaentzle M, Aoude-Werner D, Hasselmann C// *Fac Pharm, Dept Sci Aliment, 74 Route Rhin, FR-67400 Illkirch, France
Food Chem 2000 **71** (1) 129

Extraction procedures for the liquid chromatographic determination of thiamin, riboflavin and vitamin B₆ in foodstuffs

Nexo E, Christensen AL, Petersen TE, Fedosov SN// Aarhus Univ Hosp, AKH, Dept Clin Biochem, Norrebrogade 44, DK-8000 Aarhus C, Denmark
Clin Chem 2000 **46** (10) 1643

Measurement of transcobalamin by ELISA

Pastor-Ferrer O, Mauri-Aucejo AR*, Llobat-Estelles M// *Univ Valencia Estud Gen, Dept Quim Analit, Dr Moliner 50, ES-46100 Valencia, Spain
Fresenius J Anal Chem 2000 **367** (5) 485

Application of ACC method to synchronous luminescence: Determination of α -tocopherol and α -tocopheryl acetate in beverages

Wang Y, Xu XY, Van Lieshout M, West CE, Lugtenburg J, Verhoeven MA, Creemers AFL, Van Breemen RB*// *Univ Illinois, Dept Med Chem & Pharmacognosy, Chicago, IL 60612, USA
Anal Chem 2000 **72** (20) 4999

A liquid chromatography-mass spectrometry method for the quantification of bioavailability and bioconversion of β -carotene to retinol in humans

Yamato S, Kawakami N, Shimada K, Ono M, Idei N, Itoh Y// Niigata Coll Pharm, Dept Analyt Chem, 5-13-2 Kamishin Ei cho, Niigata 950 2081, Japan
J Chromatogr A 2000 **896** (1-2) 171

On-line automated high-performance liquid chromatographic determination of total riboflavin phosphates using immobilized acid phosphatase as a pre-column reactor

Zorzi M, Pastore P*, Magno F// *Univ Padua, Dept Inorgan Metallorgan & Analyt Chem, via Marzolo 1, IT-35131 Padua, Italy
Anal Chem 2000 **72** (20) 4934

A single calibration graph for the direct determination of ascorbic and dehydroascorbic acids by electrogenerated luminescence based on Ru(bpy)₃²⁺ in aqueous solution

7. Trace elements & minerals

Acar O, Kilic Z*, Turker AR// *Gazi Univ, Educ Fac, TR-06500 Ankara, Turkey
Food Chem 2000 **71** (1) 117

Determination of lead in cookies by electrothermal atomic absorption spectrometry with various chemical modifiers

Anzano JM, Gonzalez P// Univ Calcutta, Dept Polymer Sci & Technol, 92 APC Rd, IN-700009 Calcutta, India
Microchem J 2000 **64** (2) 141

Determination of iron and copper in peanuts by flame atomic absorption spectrometry using acid digestion

Bhandari SA, Amarasiriwardena D*// *Hampshire Coll, Sch Nat Sci, Amherst, MA 01002, USA
Microchem J 2000 **64** (1) 73

Closed-vessel microwave acid digestion of commercial maple syrup for the determination of lead and seven other trace elements by inductively coupled plasma-mass spectrometry

Carducci CN, Dabas PC, Muse JO// Univ Buenos Aires, Fac Farm & Bioquim, Dept Analyt Chem & Physicochem, Junin 956, AR-1113 Buenos Aires, DF, Argentina

J AOAC Int 2000 **83** (5) 1167

Determination of inorganic cations by capillary ion electrophoresis in *Ilex paraguariensis* (St. H.) a plant used to prepare tea in South America

Gonzalez MM, Gallego M, Valcarcel M*// *Univ Cordoba, Div Analyt Chem, ES-14004 Cordoba, Spain
J Agric Food Chem 2000 **48** (10) 4514

Continuous sorbent preconcentration for the electrothermal atomic absorption spectrometric determination of ultratrace amounts of cobalt in milled wheat fractions

Gunther K, Ji G, Kastenholz B// Forschungszentrum Julich GmbH, Inst Angew Phys Chem, DE-52425 Julich, Germany
Fresenius J Anal Chem 2000 **368** (2-3) 281

Characterization of high molecular weight cadmium species in contaminated vegetable food

Hight SC// US/FDA, Ctr Food Safety & Appl Nutr, Elemental Res Branch, 200 C St SW, Washington, DC 20204, USA
J AOAC Int 2000 **83** (5) 1174

Graphite furnace atomic absorption spectrometric determination of lead and cadmium extracted from ceramic foodware: Collaborative study

Inagaki K, Umemura T, Matsuura H, Haraguchi H*// *Nagoya University, Grad Sch Engn, Department Appl Chem, Furo cho, Nagoya, Aichi 464 8603, Japan

Anal Sci 2000 **16** (8) 787

Speciation of trace elements, binding and non-binding with proteins in human blood serum, by surfactant-mediated HPLC with element-selective detection by ICP-MS

Jorhem L, Engman J// Natl Food Adm Toxicol Lab, Chem Div 2, Box 662, SE-75126 Uppsala, Sweden
J AOAC Int 2000 **83** (5) 1189

Determination of lead, cadmium, zinc, copper, and iron in foods by atomic absorption spectrometry after microwave digestion. NMKL1 collaborative study

Jorhem L// Natl Food Adm Toxicol Lab, Chem Div 2, Box 622, SE-75126 Uppsala, Sweden
J AOAC Int 2000 **83** (5) 1204

Determination of metals in foods by atomic absorption spectrometry after dry ashing: NMKL1 collaborative study

Kostecka KS// Columbia Coll, Inst Sci Educ & Sci Commun, Chicago, IL 60605, USA
J Chem Educ 2000 **77** (10) 1321

Atomic absorption spectroscopy of calcium in foodstuffs in non-science-major courses

Lindemann T, Prange A*, Dannecker W, Neidhart B// *GKSS Forschungszentrum Geesthacht GmbH, Inst Phys & Chem Analy, Max Planck Str, DE-21502 Geesthacht, Germany

Fresenius J Anal Chem 2000 **368** (2-3) 214

Stability studies of arsenic, selenium, antimony and tellurium species in water, urine, fish and soil extracts using HPLC/ICP-MS

Ma Q, Cao QE, Zhao Y, Wu S, Hu Z*, Xu Q// *Lanzhou Univ, Dept Chem, CN-730000 Lanzhou, Peoples Rep China
Food Chem 2000 **71** (1) 123

Two sensitive fluorescence methods for the determination of cobaltous in foods and hair samples

McSheehy S, Yang WJ, Pannier F, Szpunar J, Lobinski R*, Auger J, Potin-Gautier M// *Univ Pau & Pays Adour, CNRS, UMR 5034, Lab Chim Analyt Bioinorgan & Environm, 2 Ave Pr Angot, FR-64053 Pau, France
Anal Chim Acta 2000 **421** (2) 147

Speciation analysis of selenium in garlic by two-dimensional high-performance liquid chromatography with parallel inductively coupled plasma mass spectrometric and electrospray tandem mass spectrometric detection

Prohaska C, Pomazal K, Steffan I*// *Inst Analyt Chem, Waehringerstr 38, AU-1090 Vienna, Austria
Fresenius J Anal Chem 2000 **367** (5) 479

Determination of Ca, Mg, Fe, Cu and Zn in blood fractions and whole blood of humans by ICP-OES

Racz L, Bumbalova A, Harangozo M, Tolgyessy J, Torneck O// Eszterhazy Karoly Coll Educ, Eger, Hungary
J Radioanal Nucl Chem 2000 **245** (3) 611

Determination of cesium and selenium in cultivated mushrooms using radionuclide X-ray fluorescence technique

Rahil-Khazen R, Bolann BJ, Ulvik RJ// Haukeland Univ Hosp, Inst Clin Bio-

chem, NO-5021 Bergen, Norway

Clin Chem Lab Med 2000 **38** (8) 765

Trace element reference values in serum determined by inductively coupled plasma atomic emission spectrometry

Sancho D, Deban L*, Campos I, Pardo R, Vega M// *Univ Valladolid, Fac Ciencias, Dept Quim Analitica, ES-47005 Valladolid, Spain
Food Chem 2000 **71** (1) 139

Determination of nickel and cobalt in refined beet sugar by adsorptive cathodic stripping voltammetry without sample pretreatment

Schulmann-Choron N, Chevallier P, De Ceaurriz J, Souleau C// Fac Pharm Chatenay Malabry, Lab Chim Phys Minerale & Bioinorgan, 5 rue Jean Baptiste Clemente, FR-92296 Chatenay Malabry, France

Analisis 2000 **28** (4) 316

Determination of selenium in rat brain by synchrotron radiation X-ray fluorescence

Sun DH, Waters JK, Mawhinney TP// Univ Missouri, Expt Stn Chem Labs, Room 4 Agr Bldg, Columbia, Mo 65211, USA

JAOAC Int 2000 **83** (5) 1218

Determination of thirteen common elements in food samples by inductively coupled plasma atomic emission spectrometry: Comparison of five digestion methods

Windham WR, Field RA// USDA/ARS, Richard B Russell Agr Res Ctr, POB 5677, Athens, Ga 30604, USA

Meat Sci 2000 **56** (4) 351

Effect of method of analysis on iron content of beef from advanced meat recovery systems

8. Drug, biocide & processing residues

Bjorklund E, Jaremo M, Mathiasson L// Lund Univ, Dept Analyt Chem, POB 124, SE-22100 Lund, Sweden

J Liq Chromatogr Relat Technol 2000 **23** (15) 2337

Simultaneous determination of pcbs and triglycerides in a model fat sample using selective supercritical fluid extraction

Garcia-Ovando H, Gorla N, Weyers A, Ugnia L, Martinez L, Giacomelli N, Liboa R, Chiostrri E, Davicino R// Univ Nacl Rio Cuarto, Fac Agron & Vet, Dept Salud Publ, Ruta Nacl 36 km 603, AR-5800 Rio Cuarto, Argentina

J Liq Chromatogr Relat Technol 2000 **23** (15) 2391

Enrofloxacin liquid-liquid extraction from chicken muscle and HPLC detection

Grabic R, Novak J, Pacakova V// Dist Publ Hlth Dept, Palackeho 121, Frydel Mistek, Czech Republic

J High Res Chromatogr 2000 **23** (10) 595

Optimization of a GC-MS/MS method for the analysis of PCDDs and PCDFs in human and fish tissue

Gueguen F, Boide F, Queffelec AL, Haelters JP, Thouvenot D, Corbel B, Nodet P*// *Technopole Brest Iroise, ESMISAB, Lab Microbiol & Securite Alimentaire, FR-29280 Plouzane, France

J Agric Food Chem 2000 **48** (10) 4492

Hapten synthesis for the development of a competitive inhibition enzyme-immunoassay for thiram

Hong CC, Kondo F*// *Miyazaki Univ, Fac Agr, Dept Vet Publ Hlth, Miyazaki 889 21, Japan

J Food Prot 2000 **63** (10) 1421

Detection, quantitation, and identification of residual aminopenicillins by high-performance liquid chromatography after fluorescamine derivation

Kira S, Katsuse T, Nogami Y, Ito T// Okayama Univ, Sch Med, Dept Publ Hlth, 2-5-1 Shikata cho, Okayama 700 8558, Japan

Bull Environ Contam Toxicol 2000 **65** (5) 631

Measurement of benzo(a)pyrene in sea water and in mussels in the Seto Inland Sea, Japan

Narasaki H, Hou HB, Morimura Y// Saitama Univ, Fac Sci, Dept Chem, Urawa, Saitama 338 8570, Japan

Anal Sci 2000 **16** (8) 855

Determination of organotin compounds in fish by gas chromatography-atomic absorption spectrometry using 8-quinolinol as a complexing agent

Papapanagiotou EP, Iossifidou EG, Psomas IE, Photis G// Aristotelian Univ, Sch Vet Med, Lab Food Hyg, GR-54006 Thessaloniki, Greece

J Liq Chromatogr Relat Technol 2000 **23** (18) 2839

Simultaneous HPLC determination of sulfadiazine and trimethoprim in cultured gilthead sea bream (*Sparus aurata*, L.) tissues

Salafranca J, Franz R*// *Univ Zaragoza, Ctr Politecn Super, Dept Quim Analit, Maria de Luna 3, ES-50015 Zaragoza, Spain

Dtsch Lebensm Rundsch 2000 **96** (10) 355

A study into the suitability of several food simulating matrices for migration testing of Michler's ketone and related aromatic amines from food packaging cardboard materials

9. Toxins

Coker RD, Nagler MJ, Defize PR, Derksen GB, Buchholz H, Putzka HA, Hoogland HP, Roos AH, Boenke A// Commiss European Communities, Themat Programme Qual Life & Living Resources 1, BE-1049 Brussels, Belgium
JAOAC Int 2000 **83** (5) 1252

Sampling plans for the determination of aflatoxin B₁ in large shipments of animal feedstuffs

Contreras MDM, Yopez AJM, Martinez RR// Cent Univ Venezuela, Inst Ciencia & Tecnol Alimentos, Fac Ciencias, Caracas, Venezuela

Arch Latinoamer Nutr 2000 **50** (2) 183

Determination of deoxynivalenol (DON) in wheat, barley and corn and its relationship with the levels of total molds, *Fusarium* spp., infestation percentage, and water activity (Spanish, English Abstract)

Da Motta S, Valente-Soares LM*// *Univ Estadual Campinas, Fac Engn Alimentos, CP 6121, BR-13081-970 Campinas, Brazil

Food Chem 2000 **71** (1) 111

Simultaneous determination of tenuazonic and cyclopiazonic acids in tomato products

Duxbury M// Auckland Univ Technol, Private Bag 92006, Auckland, New Zealand

J Chem Educ 2000 **77** (10) 1319

Liquid chromatographic determination of amnesic shellfish poison in mussels

Freese L, Friedrich R, Kendall D, Tanner S// USDA, Grain Inspect Packers & Stockyards Adm, Tech Serv Div, Kansas City, Mo 64153, USA

JAOAC Int 2000 **83** (5) 1259

Variability of deoxynivalenol measurements in barley

Giese J// Address not available.

Food Technol 2000 **54** (10) 90

Testing for toxins

Hibi T, Senda M// Fukui Prefectural Univ, Dept Biosci, 4-1-1 Kenjojijima, Matsuoka, Fukui 910 1195, Japan

Biosci Biotechnol Biochem 2000 **64** (9) 1963

Enzymatic assay of histamine by amperometric detection of H₂O₂ with a peroxidase-based sensor

Holzhauser T, Wangorsch A, Vieths S*// *Paul Ehrlich Inst, Dept Allergol, DE-63225 Langen, Germany

Eur Food Res Technol 2000 **211** (5) 360

Polymerase chain reaction (PCR) for detection of potentially allergenic hazelnut residues in complex food matrixes

Johansson AS, Whitaker TB, Hagler WM, Giesbrecht FG, Young JH, Bowman DT// Nth Carolina State Univ, USDA/ARS, Box 7625, Raleigh, NC 27695, USA

JAOAC Int 2000 **83** (5) 1264

Testing shelled corn for aflatoxin, Part I: Estimation of variance components

Johansson AS, Whitaker TB, Giesbrecht FG, Hagler WM, Young JH// Address as above.

JAOAC Int 2000 **83** (5) 1270

Testing shelled corn for aflatoxin, Part II: Modeling the observed distribution of aflatoxin test results

Johansson AS, Whitaker TB, Giesbrecht FG, Hagler WM, Young JH// Address as above.

JAOAC Int 2000 **83** (5) 1279

Testing shelled corn for aflatoxin, Part III: Evaluating the performance of aflatoxin sampling plans

Kolarich D, Altmann F*// *Agr Univ Vienna, Inst Chem, Glycobiol Div, Muthgasse 18, AU-1190 Vienna, Austria

Anal Biochem 2000 **285** (1) 64

N-Glycan analysis by matrix-assisted laser desorption/ionization mass spectrometry of electrophoretically separated nonmammalian proteins: Application to peanut allergen Ara h 1 and olive pollen allergen Ole e 1

Komarova NV// Lyumeks Res & Prod Firm Analyt Instrument Making, Miskovskii Pr 19, RU-198005 St Petersburg, Russia

J Anal Chem-Engl Tr 2000 **55** (10) 929

Determination of aflatoxin M₁ in milk using solid-phase extraction and high-performance liquid chromatography with fluorescence detection

Kose S, Hall G// Karadeniz Tekn Univ, Deniz Bilimleri Fak, TR-61530 Trab-

- zon, Turkey
Food Res Int 2000 **33** (10) 839
 Modification of a colorimetric method for histamine analysis in fish meal
 Park DL, Whitaker TB, Giesbrecht FG, Njapau H// US/FDA, Ctr Food Safety & Appl Nutr, Div Nat Prod, 200 C St SW, Washington, DC 20204, USA
J AOAC Int 2000 **83** (5) 1247
 Performance of three pneumatic probe samplers and four analytical methods used to estimate aflatoxins in bulk cottonseed
 Ramstad H, Larsen S, Aune T// Norwegian Sch Vet Sci, Dept Pharmacol Microbiol & Food Hyg, POB 8146 Dep, NO-033 Oslo, Norway
Toxicon 2001 **39** (4) 515
 The repeatability of two HPLC methods and the PP2A assay in the quantification of diarrhetic toxins in blue mussels (*Mytilus edulis*)
 Rosendal A, Barkholt V*// *Tech Univ Denmark, Dept Biochem & Nutr, DK-2800 Lyngby, Denmark
J Dairy Sci 2000 **83** (10) 2200
 Detection of potentially allergenic material in 12 hydrolyzed milk formulas
 Thirumala-Devi K, Mayo MA, Reddy G, Reddy SV, Delfosse P, Reddy DVR*// *Int Crops Res Inst Semi Arid Trop, IN-502324 Patancheru, Andhra Pradesh, India
J Agric Food Chem 2000 **48** (10) 5079
 Production of polyclonal antibodies against ochratoxin A and its detection in chillies by ELISA
 Vale P, Sampayo MAD// Inst Invest Pescas & Mar, Avda Brasilia, PT-1400 049 Lisbon, Portugal
Toxicon 2001 **39** (4) 561
 Determination of paralytic shellfish toxins in Portuguese shellfish by automated pre-column oxidation
 Whitaker TB// USDA/ARS, Nth Carolina State Univ, Dept Biol & Agr Engn, Box 7625, Raleigh, NC 27695, USA
J AOAC Int 2000 **83** (5) 1245
 Sampling agricultural commodities for mycotoxins
 Whitaker TB, Hagler WM, Geisbrecht FG, Johansson AS// Nth Carolina State Univ, USDA/ARS, Box 7625, Raleigh, NC 27695, USA
J AOAC Int 2000 **83** (5) 1285
 Sampling, sample preparation, and analytical variability associated with testing wheat for deoxynivalenol

10. Additives

- Bergen HR, Benson LM, Naylor S// Mayo Clin & Mayo Fdn, Dept Biochem & Mol Biol, Biomed Mass Spectrometry & Funct Proteomics Facil, Rochester, Mn 55905, USA
J Chem Educ 2000 **77** (10) 1325
 Determination of aspartame and caffeine in carbonated beverages utilizing electrospray ionization-mass spectrometry
 Krabel BJ, Dickson DA, Zimmermann AG, Coleman MR// Elanco Anim Hlth, 2001 West Main St, Greenfield, In 46140, USA
J AOAC Int 2000 **83** (5) 1027
 Liquid chromatographic determination of nicarbazin in feeds
 Maslowska J, Janiak J// Tech Univ Lodz, Inst Gen Food Chem, Bioinorgan & Analyt Chem Grp, PL-90924 Lodz, Poland
Dtsch Lebensm Rundsch 2000 **96** (10) 369
 Spectrophotometric and polarographic studies on azorubine as a food dye
 Nikolelis DP, Pantoulis S// Univ Athens, Dept Chem, Lab Anal Chem, Panepistimiopolis-Kouponia, GR-15771 Athens, Greece
Biosens Bioelectron 2000 **15** (9-10) 439
 A minisensor for the rapid screening of sucralose based on surface-stabilized bilayer lipid membranes
 Wang K, Liu H, Huang J, Chen X*, Hu Z// *Lanzhou Univ, Dept Chem, CN-730000 Lanzhou, Peoples Rep China
Food Chem 2000 **70** (4) 509
 Determination of bromate in bread additives and flours by flow injection analysis

11. Flavours & aromas

- Arnault I, Mondy N, Cadoux F, Auger J*// *Univ Tours, IRBI, UPRES A CNRS 6035, Parc Grandmont, FR-37200 Tours, France
J Chromatogr A 2000 **896** (1-2) 117
 Possible interest of various sample transfer techniques for fast gas chromatography-mass spectrometric analysis of true onion volatiles

- Boatright WL, Lei Q// Univ Kentucky, Dept Anim Sci, Lexington, Ky 40546, USA
J Food Sci 2000 **65** (5) 819
 Headspace evaluation of methanethiol and dimethyl trisulfide in aqueous solutions of soy-protein isolates
 Cserhati T, Forgacs E, Morais H, Mota T// Hungarian Acad Sci, Cent Res Inst Chem, POB 17, HU-1525 Budapest, Hungary
J Biochem Biophys Methods 2000 **45** (2) 221
 Classification of chili powders by thin-layer chromatography and principal component analysis
 Escudero A, Charpentier M, Etievant P// Univ Zaragoza, Fac Sci, Dept Analyt Chem, ES-50009 Zaragoza, Spain
Sci Aliment 2000 **20** (3) 331
 Characterization of aged champagne wine aroma by GC-O and descriptive profile analyses
 Fitzgerald G, James KJ, MacNamara K, Stack MA*// *Cork Inst Technol, Dept Chem, Ecotoxicol Res Unit, Cork, Rep Ireland
J Chromatogr A 2000 **896** (1-2) 351
 Characterisation of whiskeys using solid-phase microextraction with gas chromatography-mass spectrometry
 Hartvigsen K, Lund P, Hansen LF, Holmer G// Tech Univ Denmark, Ctr Adv Food Studies, Dept Biochem & Nutr, Bldg 224, DK-2800 Lyngby, Denmark
J Agric Food Chem 2000 **48** (10) 4858
 Dynamic headspace gas chromatography/mass spectrometry characterization of volatiles produced in fish oil enriched mayonnaise during storage
 Le Guen S, Prost C, Demaimay M// Ecole Natl Ingn Tech & Ind Agroalimentaires, Lab Biochim Ind & Alimentaire, BP 82225, FR-44322 Nantes 03, France
J Chromatogr A 2000 **896** (1-2) 361
 Characterization of odorant compounds of mussels (*Mytilus edulis*) according to their origin using gas chromatography-olfactometry and gas chromatography-mass spectrometry
 Raptis CG, Siettos CI, Kiranoudis CT*, Bafas GV// *Natl Tech Univ, Dept Chem Engn, GR-15780 Athens, Greece
J Food Eng 2000 **46** (4) 267
 Classification of aged wine distillates using fuzzy and neural network systems
 Valero E, Villaseñor MJ, Sanz J, Castro IM*// *CSIC, Inst Quim Organ Gen, Juan Cierva 3, ES-28006 Madrid, Spain
Chromatographia 2000 **52** (5-6) 340
 Comparison of two methods based on dynamic head-space for GC-MS analysis of volatile components of cheeses
 Widmer W// Florida Dept Citrus, Ctr Citrus Res & Educ, 700 Expt Stn Rd, Lake Alfred, Fl 33850, USA
J AOAC Int 2000 **83** (5) 1155
 Determination of naringin and neohesperidin in orange juice by liquid chromatography with UV detection to detect the presence of grapefruit juice: Collaborative study

12. Organic acids

- Amakura Y, Okada M, Tsuji S, Tonogai Y// Natl Inst Hlth Sci, Natl Inst Hlth Sci, Chuo ku, 1-1-43 Hoenzaka, Osaka 540 006, Japan
J Chromatogr A 2000 **896** (1-2) 87
 High-performance liquid chromatographic determination with photodiode array detection of ellagic acid in fresh and processed fruits
 Le Thanh H, Lendl B*// *Vienna Univ Technol, Inst Analyt Chem, Getreide-markt 9-151, AU-1060 Vienna, Austria
Anal Chim Acta 2000 **422** (1) 63
 Sequential injection Fourier transform infrared spectroscopy for the simultaneous determination of organic acids and sugars in soft drinks employing automated solid phase extraction
 Milardovic S, Grabaric Z, Grabaric BS// Univ Zagreb, Fac Chem Engn & Technol, Marulicev trg 19, HR-10000 Zagreb, Croatia
Food Technol Biotechnol 2000 **38** (3) 203
 Sensitive amperometric oxalate biosensor for food analysis

13. Animal products

- Doka O, Ajtony Z, Bicanic D, Koehorst R// Univ West Hungary, Dept Phys, POB 90, HU-9201 Mosonmagyaróvár, Hungary
Appl Spectrosc 2000 **54** (9) 1405
 Assessing the extent of degradation in the UV radiation and heat-catalyzed oxidized whole milk powder: The UV photoacoustic and diffuse reflectance

spectroscopies versus the peroxide value

Etienne M, Jerome M, Fleurence J// IFREMER, Dept Valorisation Prod, Lab Biochim Prot & Qual, BP 21105, FR-44311 Nantes 3, France
Sci Aliment 2000 **20** (3) 367

Species identification of raw and cooked bivalves using electrophoresis

Garcia-Risco MR, Molina E, Ramos M, Lopez-Fandino R// CSIC, Inst Fermentac Ind, Juan Cierva 3, ES-28006 Madrid, Spain
Milchwissenschaft 2000 **55** (10) 555

Capillary electrophoresis in Western blotting detection of ovine and caprine cheese whey added to bovine milk

Lahucky R, Krska P, Kuchenmeister U, Nurnberg K, Liptaj T, Nurnberg G, Bahelka I, Demo P, Kuhn G, Ender K// Res Inst Anim Prod, Hlohovska 2, SK-94992 Nitra, Slovakia
Arch Tierzucht 2000 **43** (5) 487

Effect of vitamin E on changes in phosphorus compounds assessed by ³¹P NMR spectroscopy and ATPase from post mortem muscle samples and meat quality of pigs (German, English Abstract)

Lockley AK, Bardsley RG// Univ Nottingham, Sch Biol Sci, Div Nutr Biochem, Sutton Bonington Campus, Loughborough LE12 5RD, England
J Agric Food Chem 2000 **48** (10) 4463

Novel method for the discrimination of tuna (*Thunnus thynnus*) and bonito (*Sarda sarda*) DNA

Mackie I, Craig A, Etienne M, Jerome M, Fleurence J, Jessen F, Smelt A, Kruijt A, Malmheden-Yman I, Ferm M, Martinez I, Perez-Martin R, Pineiro C, Rehbein H, Kundiger R// Rowett Res Inst, Bucksburn, Aberdeen AB21 9SB, Scotland
Food Chem 2000 **71** (1) 1

Species identification of smoked and gravad fish products by sodium dodecylsulphate polyacrylamide gel electrophoresis, urea isoelectric focusing and native isoelectric focusing: A collaborative study

Niu J, Lee JY*// *Natl Univ, Dept Environm Chem & Engn, 10 Kent Ridge Crescent, SG-119260 Singapore, Rep Singapore
J Food Sci 2000 **65** (5) 780

A new approach for the determination of fish freshness by electrochemical impedance spectroscopy

Passamonti M, Mantovani B, Scali V// Univ Bologna, Dipt Biol Evoluzionist Sperimentale, via Selmi 3, IT-40126 Bologna, Italy
J Mar Biol Assoc UK 2000 **80** (4) 741

SDS-PAGE identification of raw and cooked clams of the Veneridae family

Recio I, Garcia-Risco MR, Lopez-Fandino R, Olano A, Ramos M*// *CSIC, Inst Fermentac Ind, Juan de la Cierva 3, ES-28006 Madrid, Spain
Int Dairy J 2000 **10** (5-6) 333

Detection of rennet whey solids in UHT milk by capillary electrophoresis

14. Plant & microbial products

Alvarez MD, Morillo MJ, Canet W// CSIC, Inst Frio, Dept Plant Foods Sci & Technol, Ciudad Univ s/n, ES-28040 Madrid, Spain

Eur Food Res Technol 2000 **211** (5) 326

Characterization of the frying process of fresh and blanched potato strips using response surface methodology

Archibald DD, Kays SE// Penn State Univ, Dept Agron, 116 Agr Sci & Ind Bldg, University Park, Pa 16802, USA
J Agric Food Chem 2000 **48** (10) 4477

Determination of total dietary fiber of intact cereal food products by near-infrared reflectance

Barton FE, Himmelsbach DS, McClung AM, Champagne ET// USDA/ARS, Richard B Russell Agr Res Ctr, POB 5677, Athens, Ga 30604, USA
Cereal Chem 2000 **77** (5) 669

Rice quality by spectroscopic analysis: Precision of three spectral regions

Bilia AR, Fumarola M, Gallori S, Mazzi G, Vincieri FF// Univ Florence, Dipt Sci Farmaceut, via G Capponi 9, IT-50121 Florence, Italy
J Agric Food Chem 2000 **48** (10) 4734

Identification by HPLC-DAD and HPLC-MS analyses and quantification of constituents of fennel teas and decoctions

Boutillon A, Decloux M, Trystram G*, Raguenaud P// *ENSIA, 1 Ave Olympiades, FR-91744 Massy, France
Sci Aliment 2000 **20** (3) 347

Indirect measurement of the alcohol concentration during the industrial distillation of Cognac (French, English Abstract)

Cserhati T, Forgacs E*, Morais MH, Mota T, Ramos A// *Hungarian Academy Sci, Institute Chem, Chem Res Ctr, POB 17, HU-1525 Budapest,

Hungary

J Chromatogr A 2000 **896** (1-2) 69

Separation and quantitation of colour pigments of chili powder (*Capsicum frutescens*) by high-performance liquid chromatography-diode array detection

Ding J, Ning B, Fu G, Lu Y, Dong S*// *Beijing Med Univ, Sch Pharmaceut Sci, Dept Pharm, CN-100083 Beijing, Peoples Rep China
Chromatographia 2000 **52** (5-6) 285

Separation of rhubarb anthraquinones by capillary electrochromatography

Hagen W, Schwarz H// Address not available.

Monatsschr Brauwissen 2000 **53** (9-10) 185

Analytica-EBC: Precision values of wort analyses (German, English Abstract)

Horie H// Natl Res Inst Vegetables Ornamental Plants & Tea, Dept Tea Proc Technol, Shizuoka 428 8501, Japan

Jpn Agric Res Quart 2000 **34** (3) 191

Determination of tea components by enzymatic flow injection analysis

Huck CW, Popp M, Scherz H, Bonn GK// Innsbruck Univ, Inst Analyt Chem & Radiochem, Innrain 52A, AU-6020 Innsbruck, Austria
J Chromatogr Sci 2000 **38** (10) 441

Development and evaluation of a new method for the determination of the carotenoid content in selected vegetables by HPLC and HPLC-MS-MS

Huopalahti R, Jarvenpaa E, Katina K// Univ Turku, Dept Biochem & Food Chem, FI-20014 Turku, Finland

J Liq Chromatogr Relat Technol 2000 **23** (17) 2695

A novel solid-phase extraction-HPLC method for the analysis of anthocyanin and organic acid composition of Finnish cranberry

Kang JH, Chung ST, Go JH, Row KH*// *Inha Univ, Dept Chem Engn, 253 Yonghyun dong, Incheon 402751, South Korea

J Liq Chromatogr Relat Technol 2000 **23** (17) 2739

Separation of epigallocatechin gallate from Korean green tea by RP-HPLC

Mikami T, Kashiwamura T, Tsuchiya Y, Nishio N// Satake Corp, Higashi-Hiroshima 739 0043, Japan

J Jpn Soc Food Sci Technol 2000 **47** (10) 787

Palatability evaluation for cooked rice by a visible and near infrared spectroscopy (Japanese, English Abstract)

Pedersen HT, Munck L, Engelsen SB*// *Royal Vet & Agr Univ, DK-1958 Frederiksberg C, Denmark

J Am Oil Chem Soc 2000 **77** (10) 1069

Low-field ¹H nuclear magnetic resonance and chemometrics combined for simultaneous determination of water, oil, and protein contents in oilseeds

Shibata K, Ono M, Hirano S// Morinaga & Co Ltd, Qual Assurance Div, Tsurumi ku, 2-1-1 Shimosueyoshi, Yokohama, Kanagawa 230 850, Japan

J Jpn Soc Food Sci Technol 2000 **47** (9) 692

Quality evaluation of chocolate by using near infrared spectroscopy (Japanese, English Abstract)

Siret R, Boursiquot JM, Merle MH, Cabanis JC, This P// DGCCRF Lab Interreg, 205 rue Croix Verte, Parc Euromed, FR-34196 Montpellier, France

J Agric Food Chem 2000 **48** (10) 5035

Toward the authentication of varietal wines by the analysis of grape (*Vitis vinifera* L.) residual DNA in must and wine using microsatellite markers

Szmigielska AM, Schoenau JJ, Levers V// Univ Saskatchewan, Dept Soil Sci, 51 Campus Dr, Saskatoon, Saskatchewan, Canada S7N 5A8

J Agric Food Chem 2000 **48** (10) 4487

Determination of glucosinolates in canola seeds using anion exchange membrane extraction combined with the high-pressure liquid chromatography detection

Tang HR, Zhao BL, Belton PS, Sutcliffe LH, Ng A// AFRC, Inst Food Res, Colney Lane, Norwich Res Pk, Norwich NR4 7UA, England

Magn Reson Chem 2000 **38** (9) 765

Anomalous proton NMR relaxation behavior of cell wall materials from Chinese water chestnuts

Watanabe T, Mazumder TK, Yamamoto A, Nagai S, Terabe S// Yaegaki Bio-ind Inc, Yaegaki Technol Dev Labs, 681 Hayashida, Hyogo 679 4298, Japan

J Jpn Soc Food Sci Technol 2000 **47** (10) 780

Separation and determination of curcuminoids in turmeric samples by micellar electrokinetic chromatography with a high molecular mass surfactant (Japanese, English Abstract)

Zeeb DJ, Nelson BC, Albert K, Dalluge JJ*// *NIST, Chem Sci & Technol Lab, Div Analyt Chem, 100 Bureau Dr, Stop 8392, Gaithersburg, Md 20899, USA

Anal Chem 2000 **72** (20) 5020

Separation and identification of twelve catechins in tea using liquid chromatography/atmospheric pressure chemical ionization-mass spectrometry