

Bibliography of analytical, nutritional and clinical methods

(4 weeks journals. Search completed at 4th. Apr. 2001)

1. Books, reviews & symposia

Murata M// Ochanomizu Univ, Dept Nutr & Food Sci, Bunkyo ku, 2-1-1 Ot-suka, Tokyo 112 8610, Japan
J Jpn Soc Food Sci Technol 2001 **48** (1) 1
Chemical and biochemical study on phenolics and food quality: Biological activity, analysis and enzymatic browning (Review) (Japanese, English Abstract)

3. Amino acids, proteins & enzymes

Bergana MM, Holton JD, Reyzer IL, Snowden MK, Baxter JH, Pound VL// Abbott Labs, Ross Prod Division, 625 Cleveland Ave, Columbus, Oh 43210, USA

J Agric Food Chem 2000 **48** (12) 6003
NMR and MS analysis of decomposition compounds produced from *N*-acetyl-L-glutamine at low pH

Bookout JT, Joaquim TR, Magin KM, Rogan GJ, Lirette RP// Monsanto Co, Prod Characterization Group, 700 Chesterfield Pkwy, St Louis, Mo 63198, USA

J Agric Food Chem 2000 **48** (12) 5868
Development of a dual-label time-resolved fluorometric immunoassay for the simultaneous detection of two recombinant proteins in potato

Haginaka J, Yamaguchi Y, Kunitomo M// Mukogawa Women's Univ, Fac Pharmaceut Sci, 11-68 Koshien Kyuban cho, Nishinomiya, Hyogo 663 8179, Japan

J Chromatogr B 2001 **751** (1) 161
Anion-exchange high-performance liquid chromatography assays of plasma lipoproteins and modified low-density lipoproteins using a ProtEx-DEAE column

Hidalgo FJ, Alaiz M, Zamora R*// *CSIC, Inst Grasa, Avda Padre Garcia Tejero 4, ES-41012 Seville, Spain
Anal Chem 2001 **73** (3) 698

Determination of peptides and proteins in fats and oils
Hoefner DM, Hodel SD, O'Brien JF, Branum EL, Sun D, Meissner I, McConnell JP*// *Mayo Clin & Mayo Fdn, Dept Lab Med & Pathol, Biochem Genet Lab, Hilton 210, 200 1st St SW, Rochester, Mn 55905, USA

Clin Chem 2001 **47** (2) 266
Development of a rapid, quantitative method for LDL subfractionation with use of the Quantimetrix Lipoprint LDL System

4. Carbohydrates

Ko JH, Cheong WJ*// *Inha Univ, Dept Chem, Incheon 402751, South Korea
Bull Korean Chem Soc 2001 **22** (1) 123
Simultaneous quantitative determination of mono-, di-, tri-, tetra-, and penta-saccharides in yogurt products by a simple HPLC system with a refractive index detector

5. Lipids

Boselli E, Caboni MF, Lercker G// Univ Bologna, Ist Ind Agrarie, via S Giacomo 7, IT-40126 Bologna, Italy
Eur Food Res Technol 2001 **212** (2) 244
Extraction and purification of free cholesterol from some egg-containing food by on-line supercritical fluid extraction-solid phase extraction

De Geus HJ, Aidos I, De Boer J, Luten JB, Brinkman UAT// Free Univ Amsterdam, Dept Analyt Chem & Appl Spect, De Boelelaan 1083, NL-1081 HV Amsterdam, The Netherlands

J Chromatogr A 2001 **910** (1) 95
Characterisation of fatty acids in biological oil samples using comprehensive multidimensional gas chromatography

Goburdhun D, Jhaumeer-Laulloo SB, Musruck R// Univ Mauritius, Fac Agr, Reduit, Mauritius

Int J Food Sci Nutr 2001 **52** (1) 31
Evaluation of soybean oil quality during conventional frying by FTIR and some chemical indexes

Hartvigsen K, Hansen LF, Lund P, Bukhave K, Holmer G// Tech Univ, Ctr Adv Food Studies, Dept Biochem & Nutr, DK-2800 Lyngby, Denmark
J Agric Food Chem 2000 **48** (12) 5842

Determination of neutral lipid hydroperoxides by size exclusion HPLC with fluorometric detection. Application to fish oil enriched mayonnaises during storage

Iannotta N, Oliviero C, Ranieri GA, Uccella N*// *Univ Calabria, CIRASIA, IT-87030 Arcavacata di Rende, Italy
Eur Food Res Technol 2001 **212** (2) 240

Determination of the oil content in olives by the DSC technique
Janoszka B, Tyrpien K, Wielkoszynski T, Dobosz C, Bodzek D*, Bodzek P, Olejek A// *Med Univ Silesia, Fac Med, Dept Chem, 19 Jordana Str, PL-41808 Zabrze, Poland

Chem Anal 2001 **46** (1) 11
Determination of selected oxysterols in human blood plasma by means of thin-layer chromatography with densitometry

Ruiz A, Canada MJA, Lendl B*// *Vienna Univ Technol, Inst Analyt Chem, Getreidemarkt 9-151, AU-1060 Vienna, Austria
Analyst 2001 **126** (2) 242

A rapid method for peroxide value determination in edible oils based on flow analysis with Fourier transform infrared spectroscopic detection

Sonko BJ, Prentice AM, Coward WA, Murgatroyd PR, Goldberg GR// Univ Colorado, Hlth Sci Ctr, 4200 East 9th Ave, Denver, Co 80262, USA
Eur J Clin Nutr 2001 **55** (1) 10

Dose-response relationship between fat ingestion and oxidation: Quantitative estimation using whole-body calorimetry and ¹³C isotope ratio mass spectrometry

6. Vitamins & co-factors

Drotleff AM, Ternes W*// *Hannover Sch Vet Med, Ctr Food Sci, Dept Chem

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.

Anal & Endocrinol, Bischofsholer Damm 15, DE-30173 Hannover, Germany
J Chromatogr A 2001 **909** (2) 215
 Determination of *RS,E/Z*-tocotrienols by HPLC

Hartmann S, Froescheis O*, Ringenbach F, Wyss R, Bucheli F, Bischof S, Bausch J, Wiegand UW// *F Hoffmann La Roche & Co Ltd, Vitamins & Fine Chem Div, CH-4070 Basel, Switzerland
J Chromatogr B 2001 **751** (2) 265
 Determination of retinol and retinyl esters in human plasma by high-performance liquid chromatography with automated column switching and ultraviolet detection

Koivu-Tikkanen TJ, Ollilainen V, Piironen VI// Univ Helsinki, Dept Appl Chem & Microbiol, POB 27, FI-00014 Helsinki, Finland
J Agric Food Chem 2000 **48** (12) 6325
 Determination of phyloquinone and menaquinones in animal products with fluorescence detection after postcolumn reduction with metallic zinc

Lauridsen C, Leonard SW, Griffin DA, Liebler DC, McClure TD, Traber MG// Danish Inst Agr Sci, Res Ctr Foulum, Dept Anim Nutr & Physiol, DK-8830 Tjele, Denmark
Anal Biochem 2001 **289** (1) 89
 Quantitative analysis by liquid chromatography-tandem mass spectrometry of deuterium-labeled and unlabeled vitamin E in biological samples

Lyan B, Azais-Braesco V, Cardinaut N, Tyssandier V, Borel P, Alexandre-Gouabau MC, Grolier P*// *INRA, CRNH Ctr Clermont Ferrand Theix, Unite Malad Metab & Micronutriments, FR-63122 St Genes Champanelle, France
J Chromatogr B 2001 **751** (2) 297
 Simple method for clinical determination of 13 carotenoids in human plasma using an isocratic high-performance liquid chromatographic method

Sahni MK, Spanos S, Wahrman MZ, Sharma GM*// *William Paterson Univ, Dept Chem, Wayne, NJ 07470, USA
Anal Biochem 2001 **289** (1) 68
 Marine corrinoid-binding proteins for the direct determination of vitamin B₁₂ by radioassay

Tang PH, Miles MV, De Grauw A, Hershey A, Pesce A// Children's Hosp, Med Ctr, Div Pediat Neurol, Clin Neuropharmacol Lab, 3333 Burnet Ave, Cincinnati, Oh 45229, USA
Clin Chem 2001 **47** (2) 256
 HPLC analysis of reduced and oxidized coenzyme Q₁₀ in human plasma

Toral MI, Lara N, Richter P, Tassara A, Tapia AE, Rodriguez C// Univ Chile, Fac Sci, Dept Chem, POB 653, Santiago, Chile
J AOAC Int 2001 **84** (1) 37
 Simultaneous determination of ascorbic acid and acetylsalicylic acid in pharmaceutical formulations

7. Trace elements & minerals

Bermejo P, Barciela J, Pena EM, Bermejo A, Fraga JM, Cocho JA// Univ Santiago de Compostela, Fac Chem, Dept Analyt Chem Nutr & Bromatol, Avda Ciencias, ES-15706 Santiago de Compostela, Spain
J Anal Atom Spectrom 2001 **16** (2) 188
 Determination of selenium in infant formulas whey fractions by SEC-HPLC-HG-ETAAS

Capitan-Vallvey LF, Arroyo E, Berenguer C, Fernandez-Ramos MD, Avidad R*// *Univ Granada, Dept Analyt Chem, ES-18071 Granada, Spain
Fresenius J Anal Chem 2001 **369** (2) 139
 Single-use optical sensor for the determination of iron in water and white wines

Caroli S, Forte G, Alessandrelli M, Cresti R, Spagnoli M, D'Illo S, Pauwels J, Kramer GN// Ist Super Sanita, Viale Regina Elena 299, IT-00161 Rome, Italy
Microchem J 2000 **67** (1-3) 227
 A pilot study for the production of a certified reference material for trace elements in honey

Caroli S, Spagnoli M, Forte G, Alessandrelli M, Cresti R, D'Illo S, Pauwels J, Kramer GN, Zaray G// Address as above.
Microchem J 2000 **67** (1-3) 235
 Trace elements in bovine muscle: An ongoing project for a new certified reference material

Caroli S, Alessandrelli M, Forte G, D'Illo S, Spagnoli M, Cresti R// Address as above.
Microchem J 2000 **67** (1-3) 381
 The handbook of analytical methods for trace elements as adopted by the na-

tional reference laboratories for residues

Caruso JA, Heitkemper DT, B'Hymer C// Univ Cincinnati, Dept Chem, Mail Locator 0172, Cincinnati, Oh 45221, USA
Analyst 2001 **126** (2) 136
 An evaluation of extraction techniques for arsenic species from freeze-dried apple samples

Case CP, Ellis L, Turner JC, Fairman B*// *LGC Teddington Ltd, Queen's Rd, Teddington TW11 0LY, England
Clin Chem 2001 **47** (2) 275
 Development of a routine method for the determination of trace metals in whole blood by magnetic sector inductively coupled plasma mass spectrometry with particular relevance to patients with total hip and knee arthroplasty

Chmilenko FA, Baklanov AN, Sidorova LP, Lebedeva EV, Lebedeva AV// Dnepropetrovsk State Univ, Nauchnyi per 23, UA-49625 Dnepropetrovsk, Ukraine
J Anal Chem-Engl Tr 2001 **56** (1) 13
 Ultrasonic intensification of sample preparation for the spectrophotometric determination of arsenic in foodstuffs

Coni E, Bocca B, Galoppi B, Alimonti A, Caroli S// Ist Super Sanita, Food Dept, Viale Regina Elena 299, IT-00161 Rome, Italy
Microchem J 2000 **67** (1-3) 187
 Identification of chemical species of some trace and minor elements in mature breast milk

De Gregori I, Pinochet H, Fuentes E, Potin-Gautier M// Univ Catolica Valparaiso, Inst Quim, Lab Quim Analit & Ambiental, Avda Brasil 2950, Valparaiso, Chile
J Anal Atom Spectrom 2001 **16** (2) 172
 Determination of antimony in soils and vegetables by hydride generation atomic fluorescence spectrometry and electrothermal atomic absorption spectrometry. Optimization and comparison of both analytical techniques

Liu SM, Xie YQ, Yong GP, Dai Y// Univ Sci & Technol China, Inst Econ & Technol, Dept Food Sci, CN-230026 Hefei, Anhui, Peoples Rep China
J Agric Food Chem 2000 **48** (12) 5860
 Spectrophotometric determination of trace amounts of molybdenum in vegetal and tobacco tissues with a new chromogenic reagent, dimethoxyhydroxyphenylflurone

Packer AP, Gine MF*// *Univ Sao Paulo, Ctr Energia Nucl Agr, Avda Centenario 303, C/ Postal 96, BR-13400-970 Piracicaba, SP, Brazil
Spectrochim Acta Pt B-At Spec 2001 **56** (1) 69
 Analysis of undigested honey samples by isotope dilution inductively coupled plasma mass spectrometry with direct injection nebulization (ID-ICP-MS)

Vinas P, Pardo-Martinez M, Hernandez-Cordoba M*// *Univ Murcia, Fac Chem, Dept Analyt Chem, ES-30071 Murcia, Spain
J Agric Food Chem 2000 **48** (12) 5789
 Determination of copper, cobalt, nickel, and manganese in baby food slurries using electrothermal atomic absorption spectrometry

Wuilloud R, Marchevsky E, Olsina R, Martinez L// Univ Nacl San Luis, Fac Quim Bioquim & Farm, Area Quim Analit, Chacabuco & Pedernera, AR-5700 San Luis, Argentina
J Anal Chem (Engl Tr) 2001 **56** (1) 77
 Rapid and simple method for the determination of vanadium in beer by ICP-AES with ultrasonic nebulization

8. Drug, biocide & processing residues

Abad A, Manclus JJ, Moreno MJ, Montoya A*// *Univ Politecn Valencia, Lab Integrado Bioingn, Camino Vera s/n, ES-46022 Valencia, Spain
J AOAC Int 2001 **84** (1) 156
 Determination of thiabendazole in fruit juices by a new monoclonal enzyme immunoassay

Adachi A, Ikeda C, Takagi S, Fukao N, Yoshi E, Kobe TO// Kobe Pharmaceut Univ, Higashinada ku, Motoyamakitamachi 4 chome, Kobe, Hyogo 658 8558, Japan
Anal Lett 2001 **34** (1) 137
 Gas chromatographic analysis of vegetables for chloroform

Berger U, Oehme M*, Girardin L// *Univ Basel, Neuhausstr 31, CH-4057 Basel, Switzerland
Fresenius J Anal Chem 2001 **369** (2) 115
 Quantification of derivatives of bisphenol A diglycidyl ether (BADGE) and novolac glycidyl ether (NOGE) migrated from can coatings into tuna by

HPLC/fluorescence and MS detection

Caldwell DY, McReynolds JL, Young SD, Caldwell DJ, Hargis BM*// *Univ Arkansas, Dept Poultry Sci, Fayetteville, Ar 72701, USA

J Agric Food Chem 2000 **48** (12) 6431

Development of a rapid and inexpensive assay for the nonspecific detection of antimicrobial residues in chicken egg yolks and neonatal yolk sacs

Caroli S, Cresti R, Spagnoli M, Alessandrelli M, Forte G, D'Illio S, Chiodo F// Ist Super Sanita, Viale Regina Elena 299, IT-00161 Rome, Italy

Microchem J 2000 **67** (1-3) 375

The Cardbox/Cardview database for residues in live animals and their products

Giorgi M, Romani M, Bagliacca M, Mengozzi G// Univ Pisa, Fac Vet Med, Dept Vet Clin, Pharmacol & Toxicol Sect, V Piagge 2, IT-56124 Pisa, Italy

J Vet Pharmacol Ther 2000 **23** (6) 397

Determination of thiamphenicol residues in albumin and yolk of hen eggs

Heller DN, Kaplan DA, Rummel NG, Von Bredow J// US/FDA, Ctr Vet Med, 8401 Muirkirk Rd, Laurel, Md 20708, USA

J Agric Food Chem 2000 **48** (12) 6030

Identification of cephalosporin metabolites and degradants in bovine milk by electrospray ionization-ion trap tandem mass spectrometry

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

J Agric Food Chem 2000 **48** (12) 5824

Gas chromatographic-mass spectrometric method for the analysis of dimethylmorph fungicide in dried hops

Howells L, Sauer MJ// Vet Labs Agcy, Dept Risk Res, Addlestone KT15 3NB, England

Analyst 2001 **126** (2) 155

Multi-residue analysis of avermectins and moxidectin by ion-trap LC-MSⁿ

Liepke C, Zucht HD, Forssmann WG, Standker L// Lower Saxony Inst Peptide Res, Feodor Lynen Str 31, DE-30625 Hannover, Germany

J Chromatogr B 2001 **752** (2) 369

Purification of novel peptide antibiotics from human milk

Malik AK// Univ Complutense Madrid, Fac Ciencias Quim, Dept Quim Analit, Ciudad Univ, ES-28040 Madrid, Spain

J Agric Food Chem 2000 **48** (12) 5808

Direct spectrophotometric determination of ferbam [iron(III) dimethyldithiocarbamate] in commercial sample and wheat grains using 4,7-diphenyl-1,10-phenanthroline

McReynolds JL, Caldwell DY, McElroy AP, Hargis BM, Caldwell DJ*// *Texas A&M Univ, Texas Agr Expt Stn, Dept Poultry Sci, College Station, Tx 77843, USA

J Agric Food Chem 2000 **48** (12) 6435

Antimicrobial residue detection in chicken yolk samples following administration to egg-producing chickens and effects of residue detection on competitive exclusion culture (PREEMPT) establishment

Salter RS, Legg D, Ossanna N, Boyer C, Scheemaker J, Markovsky R, Saul SJ// Charm Sci Inc, 659 Andover St, Lawrence, Ma 01843, USA

J AOAC Int 2001 **84** (1) 29

Charm Safe-Level β -Lactam Test for amoxicillin, ampicillin, ceftiofur, cephalosporin, and penicillin G in raw commingled milk

Schenck FJ, Donoghue DJ// US/FDA, SE Reg Lab, 60 Eighth St NE, Atlanta, Ga 30309, USA

J Agric Food Chem 2000 **48** (12) 6412

Determination of organochlorine and organophosphorus pesticide residues in eggs using a solid phase extraction cleanup

Song YS, Park HJ, Komolprasert V// US/FDA, Natl Ctr Food Safety & Technol, Div Food Proc & Packaging, 6502 Sth Archer Rd, Summit Argo, Il 60501, USA

J Agric Food Chem 2000 **48** (12) 5856

Analytical procedures for quantifying five compounds suspected as possible contaminants in recycled paper/paperboard for food packaging

Touraki M, Ladoukakis M, Prokopiou C// Aristotelian Univ, Fac Sci, Sch Biol, Dept Genet Dev & Mol Biol, Lab Gen Biol, GR-54006 Thessaloniki, Greece

J Chromatogr B 2001 **751** (2) 247

High-performance liquid chromatographic determination of oxolinic acid and flumequine in the live fish feed *Artemia*

Wisniewska-Dmytrow H, Kozak A// Partyzantow 57, PL-24100 Pulawy, Poland

Med Weter 2001 **57** (2) 105

Determination of ivermectin residues in animal tissues and plasma (Polish, English Abstract)

Yamamoto Y, Kondo F// Miyazaki Univ, Fac Agr, Dept Vet Publ Hlth, Miyazaki 889 21, Japan

J AOAC Int 2001 **84** (1) 43

Determination of halofuginone and amprolium in chicken muscle and egg by liquid chromatography

Zehringer M, Herrmann A// Kantonales Lab, Kannenfeldstr 2, CH-4012 Basel, Switzerland

Eur Food Res Technol 2001 **212** (2) 247

Analysis of polychlorinated biphenyls, pyrethroid insecticides and fragrances in human milk using a laminar cup liner in the GC injector

9. Toxins

Croci L, Stacchini A, Cozzi L, Ciccaglioni G, Mazzei F, Botre F, Toti L// Univ Roma La Sapienza, Fac Farm, Dipt Sostanze Biol Att, Ist Super Sanita, Lab Alimenti, IT-00161 Rome, Italy

J Appl Microbiol 2001 **90** (1) 73

Evaluation of rapid methods for the determination of okadaic acid in mussels

Ferreira JL// US/FDA, SE Reg Lab, 60 8th St, Atlanta, Ga 30309, USA

J AOAC Int 2001 **84** (1) 85

Comparison of amplified ELISA and mouse bioassay procedures for determination of botulinal toxins A, B, E, and F

Pocsfalvi G, Ritieni A, Randazzo G, Dobo A, Malorni A// Ist Sci Alimentaz, CNR Ctr Int Servizi Spettrometria Massa, via Roma 52 A-C, IT-83100 Avelino, Italy

J Agric Food Chem 2000 **48** (12) 5795

Interaction of *Fusarium* mycotoxins, fusaproliferin and fumonisin B₁, with DNA studied by electrospray ionization mass spectrometry

Scott PM, Lau BPY, Lawrence GA, Lewis DA// Hlth Canada, Hlth Protect Branch, Food Res Div, Address Locator 2203D, Ottawa, Ontario, Canada K1A 0L2

J AOAC Int 2000 **83** (6) 1313

Analysis of *Ginkgo biloba* for the presence of ginkgogotoxin and ginkgogotoxin 5'-glucoside

Shoji Y, Yotsu-Yamashita M*, Miyazawa T, Yasumoto T// *Tohoku Univ, Grad Sch Agr Sci, Aoba ku, 1-1 Tsutsumidori Amamiyamachi, Sendai, Miyagi 981 8555, Japan

Anal Biochem 2001 **290** (1) 10

Electrospray ionization mass spectrometry of tetrodotoxin and its analogs: Liquid chromatography/mass spectrometry, tandem mass spectrometry, and liquid chromatography/tandem mass spectrometry

Sibanda L, De Saeger S, Van Peteghem C, Grabarkiewicz-Szczesna J, Tomczak M// State Univ Ghent, Fac Pharmaceut Sci, Lab Food Anal, Harelbekestr 72, BE-9000 Ghent, Belgium

J Agric Food Chem 2000 **48** (12) 5864

Detection of T₂ toxin in different cereals by flow-through enzyme immunoassay with a simultaneous internal reference

10. Additives

Littmann-Nienstedt S// Chem Untersuchungsamt Stadt Hamm, Sachsenweg 6, DE-59061 Hamm, Germany

Dtsch Lebensmittel-Rundsch 2001 **97** (2) 60

Determination of hydrolysed gelatin in meat products and food additives of meat products (German, English Abstract)

11. Flavours & aromas

Bene A, Hayman A, Reynard E, Luisier JL*, Villetaz JC// *Univ Appl Sci Eiv, Competence Grp Proc Engn, Route de Rawyl 64, CH-1950 Sion, Switzerland

Sensor Actuator B-Chem 2001 **72** (3) 204

A new method for the rapid determination of volatile substances: The SPME-direct method - Part II. Determination of the freshness of fish

Bylaite E, Roozen JP, Legger A, Venskutonis RP*, Posthumus MA// *Kaunas University Technol, Dept Food Technology, Radvilenu Pl 19, LT-3028 Kaunas,

Lithuania

J Agric Food Chem 2000 **48** (12) 6183

Dynamic headspace-gas chromatography-olfactometry analysis of different anatomical parts of lovage (*Levisticum officinale* Koch.) at eight growing stages

Cavazza A, Bartle KD, Dugo P, Mondello L// Univ Roma Tor Vergata, Fac Med & Chirurg, Dipartimento Neurosci, via Tor Vergata 135, IT-00133 Rome, Italy

Chromatographia 2001 **53** (1-2) 57

Analysis of oxygen heterocyclic compounds in citrus essential oils by capillary electrochromatography and comparison with HPLC

Harms D, Nitzsche F// Konig Brauerei GmbH & Co KG, Friedrich Ebert Str 255-263, DE-47138 Duisburg, Germany

J Am Soc Brew Chemist 2001 **59** (1) 28

High-performance separation of unmodified and reduced hop and beer bitter compounds by a single high-performance liquid chromatographic method

Kotseridis Y, Ray JL, Augier C, Baumes R// IPV INRA, Unite Biopolymeres Aromes, 2 Pl Viala, FR-34060 Montpellier 01, France

J Agric Food Chem 2000 **48** (12) 5819

Quantitative determination of sulfur containing wine odorants at sub-ppb levels. I. Synthesis of the deuterated analogues

Peres C, Viallon C, Berdague JL// INRA, Lab Flaveur, FR-63122 St Genes Champanelle, France

Anal Chem 2001 **73** (5) 1030

Solid-phase microextraction spectrometry: A new approach to the rapid characterization of cheeses

Schaller E, Zenhausern S, Zesiger T, Bosset JO*, Escher F// *Fed Dairy Res Stn, CH-3003 Bern, Switzerland

Analysis 2000 **28** (8) 743

Use of preconcentration techniques applied to a MS-based "electronic nose"

Sostaric T, Boyce MC*, Spickett EE// *Edith Cowan Univ, Fac Commun Hlth & Sci, 2 Bradford St, ME Lawley, Perth, WA 6050, Australia

J Agric Food Chem 2000 **48** (12) 5802

Analysis of the volatile components in vanilla extract and flavorings by solid-phase microextraction and gas chromatography

12. Organic acids

Barrado E, Vela MH, Lapa RAS, Lima JLFC// Univ Valladolid, Fac Ciencias, Dept Quim Analit, Prado de La Magdalena s/n, ES-47005 Valladolid, Spain

Quim Anal 2000 **19** (4) 241

A FIA-enzymatic method for the determination of L(+) lactate: Application in parenteral solution analysis

Ferreira do Nascimento R, Rodrigues-Cardoso N, De Keukeleire D, Dos Santos Lima-Neto B, Wagner-Franco D*// *Univ Sao Paulo, Inst Quim Sao Carlos, Dept Quim & Fis Mol, CP 780, BR-13560-970 Sao Carlos, SP, Brazil

J Agric Food Chem 2000 **48** (12) 6070

Quantitative HPLC analysis of acids in Brazilian cachacas and various spirits using fluorescence detection of their 9-anthrylmethyl esters

13. Animal products

Klotz A, Einspanier R// Tech Univ Munich, FML Weihenstephan, Inst Physiol, DE-85350 Freising Weihenstephan, Germany

Milchwissenschaft 2001 **56** (2) 67

Development of a DNA-based screening method to detect cow milk in ewe, goat and buffalo milk and dairy products using PCR-LCR-EIA-technique

Sasic S, Ozaki Y*// *Kwansei Gakuin Univ, Sch Sci, Dept Chem, Nishinomiya, Hyogo 662 8501, Japan

Appl Spectrosc 2001 **55** (1) 29

Comparison of principal component analysis and generalized two-dimensional correlation spectroscopy: Spectral analysis of synthetic model system and near-infrared spectra of milk

Yeh YH, Hwang DF*// *Nat'l Taiwan Ocean Univ, Dept Food Sci, 2 Pei Ning Rd, Chilung 202, Taiwan

J Chromatogr B 2001 **751** (1) 1

High-performance liquid chromatographic determination for bile components in fish, chicken and duck

14. Plant & microbial products

Dachtler M, Glaser T, Kohler K, Albert K*// *Univ Tubingen, Inst Organ Chem, Morgenstelle 18, DE-72076 Tubingen, Germany

Anal Chem 2001 **73** (3) 667

Combined HPLC-MS and HPLC-NMR on-line coupling for the separation and determination of lutein and zeaxanthin stereoisomers in spinach and in retina

Dahinden I, Von Buren M, Luthy J// Univ Bern, Dept Chem & Biochem, Food Chem Lab, Freiestr 3, CH-3012 Bern, Switzerland

Eur Food Res Technol 2001 **212** (2) 228

A quantitative competitive PCR system to detect contamination of wheat, barley or rye in gluten-free food for coeliac patients

Degenhardt A, Hofmann S, Knapp H, Winterhalter P*// *Tech Univ, Inst Food Chem, Schleinitzstr 20, DE-38106 Braunschweig, Germany

J Agric Food Chem 2000 **48** (12) 5812

Preparative isolation of anthocyanins by high-speed countercurrent chromatography and application of the color activity concept in red wine

Guyot-Declercq C, Chevance F, Lermusieau G, Collin S*// *Univ Catholique Louvain, Unite Brasserie & Ind Alimentaires, Pl Croix Sud 2, Bte 7, BE-1348 Louvain, Belgium

J Agric Food Chem 2000 **48** (12) 5850

Optimized extraction procedure for quantifying norisoprenoids in honey and honey food products

Kovacs Z, Dinya Z*// *Lajos Kossuth Univ, Dept Organ Chem, POB 20, HU-4010 Debrecen, Hungary

Microchem J 2000 **67** (1-3) 57

Examination of non-volatile organic compounds in red wines made in Eger

Mataix E, Luque de Castro MD// Univ Cordoba, Div Analyt Chem, Annex C-3, Campus Rabanales, ES-14071 Cordoba, Spain

Analyst 2001 **126** (2) 251

Simultaneous (or sequential) determination of the total polyphenol index (or I280) and density in wines by flow injection

Mataix E, Luque de Castro MD*// *Univ Cordoba, Div Analyt Chem, Annex C-3, Campus Rabanales, ES-14071 Cordoba, Spain

J Chromatogr A 2001 **910** (2) 255

Determination of anthocyanins in wine based on flow-injection, liquid-solid extraction, continuous evaporation and high-performance liquid chromatography-photometric detection

Mattila P, Astola J, Kumpulainen J// Agr Res Ctr, FI-31600 Jokioinen, Finland

J Agric Food Chem 2000 **48** (12) 5834

Determination of flavonoids in plant material by HPLC with diode-array and electro-array detections

Nagarajan M, Waszkuc TW, Sun JD// Enzymat Therapy, 825 Challenger Dr, Green Bay, WI 54311, USA

J AOAC Int 2001 **84** (1) 24

Simultaneous determination of E- and Z-guggulsterones in dietary supplements containing *Commiphora mukul* extract (guggulipid) by liquid chromatography

Popping B// Eurofins Sci, Mol Biol & Immunol, 69A Kilnwick Rd, Pocklington, England

Am Lab 2001 **33** (3) 70

Methods for the detection of genetically modified organisms: Precision, pitfalls, and proficiency

Schieber A, Keller P, Carle R// Univ Hohenheim, Inst Food Technol, Sect Plant Foodstuff Technol, Garbenstr 25, DE-70599 Stuttgart, Germany

J Chromatogr A 2001 **910** (2) 265

Determination of phenolic acids and flavonoids of apple and pear by high-performance liquid chromatography

Von Buren M, Stadler M, Luthy J// Univ Bern, Food Chem Lab, Freiestr 3, CH-3012 Bern, Switzerland

Eur Food Res Technol 2001 **212** (2) 234

Detection of wheat adulteration of spelt flour and products by PCR

Wang DX, Yang GL*, Engelhardt H, Liu HX, Zhao JX// *Hebei Univ, Dept Chem, CN-071002 Baoding, Peoples Rep China

Chromatographia 2001 **53** (3-4) 185

Separation by capillary zone electrophoresis of the active anthraquinone components of the Chinese herb *Polygonum multiflorum* Thunb

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MALDI-TOF MS analysis of isoflavones in soy products