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## Bibliography of analytical, nutritional and clinical methods

(3 weeks journals. Search completed at 19th Apr. 2006)

### 1. Books, reviews & symposia

- Gishen M, Dambergs RG, Cozzolino DJ// Australian Wine Res Inst, POB 197, Glen Osmond, SA 5064, Australia  
*Aust J Grape Wine Res* 2005 **11** (3) 296  
Grape and wine analysis - Enhancing the power of spectroscopy with chemometrics. A review of some applications in the Australian wine industry  
Kilicel F// Yuzuncu Yil Univ, Fac Sci & Arts, Dept Chem, TR-65080 Kampus Van, Turkey  
*Rev Anal Chem* 2005 **24** (4) 311  
Determination of heavy metal levels in some vegetable types abundant in Van City, Turkey  
Perales S, Alegria A, Barbera R, Farre R// \*Univ Valencia, Fac Pharm, Nutr & Food Chem Dept, Av Vicente Andres Estelles s/n, ES-46100 Valencia, Spain  
*Food Sci Technol Int* 2005 **11** (6) 451  
Review: Determination of vitamin D in dairy products by high performance liquid chromatography

### 2. General

- O'Farrell M, Lewis E, Flanagan C, Lyons W, Jackman N// Univ Limerick, Dept Elect & Comp Engn, Limerick, Rep Ireland  
*Sensor Actuator B Chem* 2005 **111-112** 354  
Comparison of k-NN and neural network methods in the classification of spectral data from an optical fibre-based sensor system used for quality control in the food industry

### 3. Amino acids, proteins & enzymes

- Bicudo TC, Forato LA, Batista LAR, Colnago LA// \*Embrapa Instrument Agropecuaria, Rua XV Novembro 1452, BR-13560-970 Sao Carlos, SP, Brazil  
*Anal Bioanal Chem* 2005 **383** (2) 291  
Study of the conformation of  $\gamma$ -zeins in purified maize protein bodies by FTIR and NMR spectroscopy  
Chen W, Lee PJ, Staples M, Gebler JC// \*Waters Corp, Life Sci R&D, 34 Maple St, Milford, Ma 01757, USA  
*Rapid Commun Mass Spectrom* 2006 **20** (2) 313  
The use of mass spectrometry to determine location and extent of N-glycosylation on folate binding protein from bovine milk (Letter)  
Cuadrado MU, Perez-Juan PM, Luque de Castro MD\*, Gomez-Nieto MA// \*Univ Cordoba, Dept Anal Chem, Campus Rabanales, Annex Marie Curie Bldg, ES-14071 Cordoba, Spain  
*Anal Chim Acta* 2005 **553** (1-2) 99  
A fully automated method for in real time determination of laccase activity in wines  
Miquel E, Gomez JA, Alegria A, Barbera R, Farre R\*, Recio I// \*Univ Valencia, Fac Pharm, Av Vicent Andres Estelles s/n, ES-46100 Valencia, Spain  
*Eur Food Res Technol* 2006 **222** (1-2) 48  
Identification of casein phosphopeptides after simulated gastrointestinal digestion by tandem mass spectrometry  
Myers MJ, Yancy HF, Farrell DE, Washington JD, Frobish RA// Res Off, Ctr Vet Med, 8401 Muirkirk Rd, Laurel, Md 20708, USA

As a service to subscribers of Food Chemistry, this bibliography contains newly published material in the field of analytical, nutritional and clinical methods. The bibliography is divided into fourteen sections: 1 Books, reviews & symposia; 2 General; 3 Amino acids, proteins & enzymes; 4 Carbohydrates; 5 Lipids; 6 Vitamins & co-factors; 7 Trace elements & minerals; 8 Drug, biocide & processing residues; 9 Toxins/Allergens; 10 Additives; 11 Flavours & aromas; 12 Organic acids; 13 Animal products; 14 Plant & microbial products. Within each section, articles are listed in alphabetical order with respect to the author. Where there are no papers to appear under a heading, it will be omitted.

### J Food Prot 2005 **68** (12) 2656

- Evaluation of two commercial lateral-flow test kits for detection of animal proteins in animal feed  
Nie SP, Xie MY\*, Wang YX// \*Nanchang Univ, Minist Educat Key Lab Food Sci, CN-330047 Nanching, Peoples Rep China  
*Anal Bioanal Chem* 2005 **383** (4) 680  
Preparation of tea glycoprotein and its application as a calibration standard for the quantification and molecular weight determination of tea glycoprotein in different tea samples by high-performance gel-permeation chromatography  
Patzold R, Bruckner H// \*Univ Giessen, Dept Food Sci, Interdisciplinary Res Ctr, Heinrich Buff Ring 26-32, DE-35392 Giessen, Germany  
*J Agric Food Chem* 2005 **53** (25) 9722  
Mass spectrometric detection and formation of D-amino acids in processed plant saps, syrups, and fruit juice concentrates  
Rubio-Barroso S, Santos-Delgado MJ, Martin-Olivar C, Polo-Diez LM// Univ Complutense Madrid, Fac Chem, Dept Anal Chem, ES-28040 Madrid, Spain  
*J Dairy Sci* 2006 **89** (1) 82  
Indirect chiral HPLC determination and fluorimetric detection of D-amino acids in milk and oyster samples  
Uddin M, Okazaki E, Fukushima H, Turza S, Yumiko Y, Fukuda Y// Nat Res Inst Fisheries Sci, Div Food Technol & Biochem, 2-12-4 Fukuura, Kanazawa, Yokohama 236 8648, Japan  
*Food Chem* 2006 **96** (3) 491  
Nondestructive determination of water and protein in surimi by near-infrared spectroscopy

### 4. Carbohydrates

- Garna H, Mabon N, Nott K, Wathelet B, Paquot M// Fac Univ Sci Agron Gembloux, Unite Chim Biol Ind, Passage Deportes 2, BE-5030 Gembloux, Belgium  
*Food Chem* 2006 **96** (3) 477  
Kinetic of the hydrolysis of pectin galacturonic acid chains and quantification by ionic chromatography  
Ko JH, Huang HZ, Kang GW, Cheong WJ// \*Inha Univ, Dept Chem, Inchon 402 751, South Korea  
*Bull Korean Chem Soc* 2005 **26** (10) 1533  
Simultaneous quantitative determination of monosaccharides including fructose in hydrolysates of yogurt and orange juice products by derivatization of monosaccharides with p-aminobenzoic acid ethyl ester followed by HPLC

### 5. Lipids

- Afseth NK, Segtnan VH, Marquardt BJ, Wold JP// Matforsk - Norwegian Food Res Inst, Osloveien 1, NO-1430 As, Norway  
*Appl Spectrosc* 2005 **59** (11) 1324  
Raman and near-infrared spectroscopy for quantification of fat composition in a complex food model system  
Al-Alawi A, Van de Voort FR\*, Sedman J// \*McGill Univ, Dept Food Sci & Agr Chem, McGill IR Grp, 21 111 Lakeshore Rd, Macdonald Campus, Quebec City, Quebec, Canada H9X 3V9  
*Appl Spectrosc* 2005 **59** (10) 1295  
A new Fourier transform infrared method for the determination of moisture in edible oils

- Apetrei C, Rodriguez-Mendez ML\*, De Saja JA// \*Univ Valladolid, ETS Ing Ind, Dept Inorgan Chem, P Cause s/n, ES-47011 Valladolid, Spain  
*Sensor Actuator B Chem* 2005 **111-112** 403  
 Modified carbon paste electrodes for discrimination of vegetable oils
- Chou LCS, Liu CC\*// \*Case Western Reserve Univ, Dept Chem Engn, Cleveland, Oh 44106, USA  
*Sensor Actuator B-Chem* 2005 **110** (2) 204  
 Development of a molecular imprinting thick film electrochemical sensor for cholesterol detection
- Dayhuff LE, Wells MJM\*// \*Tennessee Technol Univ, Ctr Management Utilizat & Protect Water Resources, Box 5033, Cookeville, Tn 38505, USA  
*J Chromatogr A* 2005 **1098** (1-2) 144  
 Identification of fatty acids in fishes collected from the Ohio River using gas chromatography-mass spectrometry in chemical ionization and electron impact modes
- Guillen MD, Ruiz A// Univ Pais Vasco, Fac Farm, Tecnol Alimentos, Pasco Univ 7, ES-01006 Vitoria, Spain  
*Food Chem* 2006 **96** (4) 665  
 Study by means of <sup>1</sup>H nuclear magnetic resonance of the oxidation process undergone by edible oils of different natures submitted to microwave action
- Heise HM, Damm U, Lampen P, Davies AN, McIntyre PS// Univ Dortmund, Inst Analyt Sci, Bunsen Kirchhoff Str 11, DE-44139 Dortmund, Germany  
*Appl Spectrosc* 2005 **59** (10) 1286  
 Spectral variable selection for partial least squares calibration applied to authentication and quantification of extra virgin olive oils using Fourier transform Raman spectroscopy
- Jung MY, Kim GB, Jang ES, Jung YK, Park SY, Lee BH\*// \*McGill Univ, Dept Food Sci & Agr Chem, Ste Anne de Bellevue, Quebec, Canada H9X 3V9  
*J Dairy Sci* 2006 **89** (1) 90  
 Improved extraction method with hexane for gas chromatographic analysis of conjugated linoleic acids
- Mignani AG, Ciaccheri L, Cimato A, Attilio C, Smith PR// CNR-Inst Appl Phys Nello Cararra, Opt & Photon Dept, Via Panciatichi 64, IT-50127 Florence, Italy  
*Sensor Actuator B Chem* 2005 **111-112** 363  
 Spectral nephelometry for the geographic classification of Italian extra virgin olive oils
- Pacetti D, Boselli E, Hulan HW, Frega NG\*// \*Fac Agr, Dept Food Sci, Via Brecce Bianche, IT-60131 Ancona, Italy  
*J Chromatogr A* 2005 **1097** (1-2) 66  
 High performance liquid chromatography-tandem mass spectrometry of phospholipid molecular species in eggs from hens fed diets enriched in seal blubber oil
- Rezzi S, Axelsson DE, Heberger K\*, Reniero F, Mariani C, Guillou C// \*European Commiss, Joint Res Ctr, Inst Hlth & Consumer Protect, IT-21020 Ispra, Italy  
*Anal Chim Acta* 2005 **552** (1-2) 13  
 Classification of olive oils using high throughput flow <sup>1</sup>H NMR fingerprinting with principal component analysis, linear discriminant analysis and probabilistic neural networks
- Segall SD, Artz WE, Raslan DS, Jham GN, Takahashi JA// Univ Fed Minas Gerais, Dept Quim, Ave Antonio Carlos 6627, BR-31270-901 Belo Horizonte, MG, Brazil  
*J Agric Food Chem* 2005 **53** (25) 9650  
 Triacylglycerol composition of coffee beans (*Coffea canephora* P.) by reversed phase high-performance liquid chromatography and positive electrospray tandem mass spectroscopy
- Shen ZP, Udabage P, Burgar I, Augustin MA// Food Sci Australia, 671 Sneydes Rd, Werribee, Vic 3030, Australia  
*J Am Oil Chem Soc* 2005 **82** (11) 797  
 Characterization of fish oil-in-water emulsions using light-scattering, nuclear magnetic resonance, and gas chromatography-headspace analyses
- Slater C, Preston T, Weaver LT// Univ Glasgow, Yorkhill Hosps, Royal Hosp Sick Children, Div Develop Med, Glasgow G3 8SJ, Scotland  
*Rapid Commun Mass Spectrom* 2006 **20** (2) 75  
 Advantages of deuterium-labelled mixed triacylglycerol in studies of intraluminal fat digestion
- Srisawasdi P, Jearanaikoon P, Kroll MH, Lolekha PH// Mahidol Univ, Ramathibodi Hosp, Fac Med, Dept Pathol, Div Clin Chem, Rama VI Rd, TH-10400 Bangkok, Thailand  
*J Clin Lab Anal* 2005 **19** (6) 247  
 Performance characteristics of cholesterol oxidase for kinetic determination of total cholesterol
- Stoggl W, Huck C\*, Wongyai S, Scherz H, Bonn G// \*Leopold Franzens Univ, Inst Analyt Chem & Radiochem, Innrain 52, AT-6020 Innsbruck, Austria  
*J Sep Sci* 2005 **28** (14) 1712  
 Simultaneous determination of carotenoids, tocopherols, and  $\gamma$ -oryzanol in crude rice bran oil by liquid chromatography coupled to diode array and mass spectrometric detection employing silica C30 stationary phases
- Todt H, Guthausen G, Burk W, Schmalbein D, Kamrowski A// Bruker Optik GmbH, Minispec Div, Silbersteifen, DE-76287 Rheinstetten, Germany  
*Food Chem* 2006 **96** (3) 436  
 Water/moisture and fat analysis by time-domain NMR
- Zambonin CG, Calvano CD, D'Accolti L, Palmisano F// Univ Bari, Dipartimento di Chimica, Via Orabona 4, IT-70126 Bari, Italy  
*Rapid Commun Mass Spectrom* 2006 **20** (2) 325  
 Laser desorption/ionization time-of-flight mass spectrometry of squalene in oil samples (Letter)
- ## 6. Vitamins & co-factors
- Buhl F, Szpikowska-Sroka B, Galkowska M// Silesian Univ, Inst Chem, Dept Analyt Chem, 9 Szkołna St, PL-40006 Katowice, Poland  
*J Planar Chromatogr Mod TLC* 2005 **18** (105) 368  
 Determination of L-ascorbic acid after chromatographic separation
- Fedder R, Ploger A// \*Minist Food Agr & Fisheries, Danish Plant Directorate, DK-2800 Lyngby, Denmark  
*J AOAC Int* 2005 **88** (6) 1579  
 Solid-phase extraction of vitamins A and E from animal feeds: A substitute for liquid-liquid extraction
- Hernandez Y, Lobo MG, Gonzalez M\*// \*Inst Canario Invest Agrarias, Dept Trop Fruits, Plant Physiol Lab, Apdo 60, ES-38200 La Laguna, Spain  
*Food Chem* 2006 **96** (4) 654  
 Determination of vitamin C in tropical fruits: A comparative evaluation of methods
- Medina-Alonso G, Carrasco-Fuentes M, Canizares-Macias MD\*// \*Univ Nacl Autonoma Mexico, Fac Chem, Dept Analyt Chem, MX-04510 Mexico City, DF, Mexico  
*Talanta* 2005 **68** (2) 292  
 Coupling on-line of a dialyser with a flow-continuous system to separate vitamin B<sub>12</sub> from milk
- Patring JDM, Johansson MS, Yazynina E, Jastrebova JA// Swedish Univ Agr Sci, Dept Food Sci, Div Food Chem, POB 7051, SE-75007 Uppsala, Sweden  
*Anal Chim Acta* 2005 **553** (1-2) 36  
 Evaluation of impact of different antioxidants on stability of dietary folates during food sample preparation and storage of extracts prior to analysis
- ## 7. Trace elements & minerals
- Anthemidis AN, Platioti VG// Aristotle Univ Thessaloniki, Dept Chem, Anal Chem Lab, GR-54124 Thessaloniki, Greece  
*J Anal Atom Spectrom* 2005 **20** (11) 1280  
 On-line slurry formation and nebulization for inductively coupled plasma atomic emission spectrometry. Multi-element analysis of cocoa and coffee powder samples
- Asfaw A, Wibetoe G\*// \*Univ Oslo, Dept Chem, POB 1033, NO-1315 Oslo, Norway  
*Microchim Acta* 2005 **152** (1-2) 61  
 Direct analysis of beer by ICP-AES: A very simple method for the determination of Cu, Mn and Fe
- Font R, Velez D, Del Rio-Celestino M, De Haro-Bailon A, Montoro R// Inst Agricultura Sostenible - CSIC, Alameda Obispo s/n, ES-14080 Cordoba, Spain  
*Microchim Acta* 2005 **151** (3-4) 231  
 Screening inorganic arsenic in rice by visible and near-infrared spectroscopy
- Jugade R, Joshi AP// Jawaharlal Nehru Coll, Dept Chem, IN-440023 Nagpur, India  
*J Indian Chem Soc* 2005 **82** (9) 842  
 Adsorptive cathodic stripping voltammetric determination of copper in fish samples
- Kralj M, Krizaj I, Bukovec P, Slepko S, Milacic R\*// \*Jozef Stefan Inst, Dept Environ Studies, Jamova 39, SI-1000 Ljubljana, Slovenia  
*Anal Bioanal Chem* 2005 **383** (3) 467  
 Speciation of aluminium in tea infusions by use of SEC and FPLC with ICP-OES and ES-MS-MS detection
- McMullen SE, Casanova JA, Gross LK, Schenck FJ// US/FDA, SW Reg Lab, 60 80th St NE, Atlanta, Ga 30309, USA  
*J AOAC Int* 2005 **88** (6) 1793  
 Ion chromatographic determination of nitrate and nitrite in vegetable and fruit baby foods
- Medeiros IMMA, Zamboni CB, De Medeiros JAG, Rizzutto MD, Added N, Tabacniks MH// Inst Pesquisas Energet & Nucl, Caixa Postal 11049, BR-05422-970 Sao Paulo, Brazil  
*Braz J Phys* 2005 **35** (3B) 814

Multielemental analysis of genetically modified food using ANAA and PIXE techniques

Momen AA, Zachariadis GA\*, Anthemidis AN, Stratis JA// \*Aristotle Univ Thessaloniki, Dept Chem, Anal Chem Lab, GR-54124 Thessaloniki, Greece  
*J AOAC Int* 2005 **88** (6) 1797

Development and validation of routine analysis methods for the determination of essential, nonessential, and toxic minor and trace elements in cereal and cereal flour samples by inductively coupled plasma-atomic emission spectrometry

Noel L, Dufailly V, Lemahieu N, Vastel C, Guerin T// Agence Francaise Securite Sanitaire Aliments, Unite Contaminants Inorgan & Mineraux Environn, FR-94706 Maisons Alfort, France  
*J AOAC Int* 2005 **88** (6) 1811

Simultaneous analysis of cadmium, lead, mercury, and arsenic content in foodstuffs of animal origin by inductively coupled plasma/mass spectrometry after closed vessel microwave digestion: Method validation

Ojeka EO, Achi EG// Kaduna Polytech, Dept Appl Sci, PMB 2021, Kaduna, Niger  
*At Spectrosc* 2005 **26** (5) 187

Determination of trace elements in vegetable samples using the slurry method for flame AAS

Oliveira LC, Zamboni CB, Lins PD, Oliveira MRADE// Inst Pesquisas, Energet & Nucl, Caixa Postal 11049, BR-05422-970 Sao Paulo, Brazil  
*Braz J Phys* 2005 **35** (3B) 793

The chlorine reference value in whole blood using ANAA

Onozato M, Kawata K, Sugisaki C, Asada T, Oikawa K// Niigata Univ Pharm & Appl Life Sci, Fac Appl Life Sci, 265-1 Higashijima, Niigata 956 8603, Japan  
*Bunseki Kagaku* 2005 **54** (10) 979

Sample preparation for determination of nitrate in vegetables by ion chromatography (Japanese, English Abstract)

Palacios O, Encinar JR, Bertin G, Lobinski R// \*UMR CNRS 034, Equipe Chim Analyt Bio-inorgan, Helioparc, 2 Ave Pr Angot, FR-64053 Pau, France  
*Anal Bioanal Chem* 2005 **383** (3) 516

Analysis of the selenium species distribution in cow blood by size exclusion liquid chromatography-inductively coupled plasma collision cell mass spectrometry (SEC-ICPccMS)

Polyakova EV, Shubaeva OV// Russian Acad Sci, Siberian Div, Nikolaev Inst Inorgan Chem, pr Akademika Lavrenteva 3, RU-630090 Novosibirsk, Russia  
*J Anal Chem Engl Tr* 2005 **60** (10) 937

Determination of calcium, magnesium, iron, copper, zinc, and phosphorus in blood serum by arc atomic emission spectrometry

Quintana M, Klouda AD, Ochsenkuhn-Petropoulou M, Michalke B// \*GSF-Natl Res Ctr Environm & Hlth, Inst Ecol Chem, Ingolstaedter Landstr 1, DE-85764 Neuherberg, Germany  
*Anal Chim Acta* 2005 **554** (1-2) 130

Size characterization of manganese species from liver extracts using size exclusion chromatography inductively coupled plasma mass spectrometry

Santiago-Rivas S, Moreda-Pineiro A, Bermejo-Barrera A, Bermejo-Barrera P// \*Univ Santiago de Compostela, Fac Chem, Dept Analyt Chem Nutr & Bromatol, Av Ciencias s/n, ES-15782 Santiago de Compostela, Spain  
*At Spectrosc* 2005 **26** (5) 167

Sensitive STAT-FAAS determination of cadmium in seafood products

Smrkolj P, Stibilj V\*, Kreft I, Germ M// \*Jozef Stefan Inst, Jamova 39, SI-1000 Ljubljana, Slovenia  
*Food Chem* 2006 **96** (4) 675

Selenium species in buckwheat cultivated with foliar addition of Se(VI) and various levels of UV-B radiation

Stozhko NY, Kolyadina LI// Ural State Univ Econ, ul 8 Marta 62, RU-620219 Ekaterinburg, Russia  
*J Anal Chem Engl Tr* 2005 **60** (10) 901

Electrochemical sample preparation for the voltammetric determination of heavy-metal ions in wine

Varga I, Szelenyi A, Szoboszlai N, Kovacs B// Lorand Eotvos Univ, Dept Inorgan & Analyt Chem, POB 32, HU-1518 Budapest, Hungary  
*Anal Bioanal Chem* 2005 **383** (3) 476

Determination of trace elements in human liver biopsy samples by ICP-MS and TXRF: Hepatic steatosis and nickel accumulation

Verissimo MIS, Oliveira JABP, Gomes MTSR// \*Univ Aveiro, Dept Chem, PT-3810-193 Aveiro, Portugal  
*Sensor Actuator B Chem* 2005 **111-112** 587

The evaluation of copper contamination of food cooked in copper pans using a piezoelectric quartz crystal resonator

Yu LP// Tianjin Univ, Dept Chem, CN-300072 Tianjin, Peoples Rep China  
*J Agric Food Chem* 2005 **53** (25) 9656

Cloud point extraction preconcentration prior to high-performance liquid chromatography coupled with cold vapor generation atomic fluorescence spectrometry for speciation analysis of mercury in fish samples

## 8. Drug, biocide & processing residues

Alder L, Startin JR// \*Fed Inst Risk Assessment, DE-14191 Berlin, Germany  
*J AOAC Int* 2005 **88** (6) 1762

Determination of chlormequat and mepiquat in foods by liquid chromatography/mass spectrometry or liquid chromatography/tandem mass spectrometry: Interlaboratory study

Angioni A, Garau A, Caboni P, Russo MT, Farris GA, Zara S, Cabras P// Univ Cagliari, Dipt Tossicol, Via Osped 72, IT-09124 Cagliari, Italy  
*J Chromatogr A* 2005 **1097** (1-2) 165

Gas chromatographic ion trap mass spectrometry determination of zoxamide residues in grape, grape processing, and in the fermentation process

Arreola FJ, Gonzalez-Rodriguez MJ, Frenich AG, Marin-Juan A, Vidal JLM// \*Univ Almeria, Dept Anal Chem, Carretera Sacramento s/n, ES-04120 Almeria, Spain  
*Anal Chim Acta* 2005 **552** (1-2) 60

Determination of halogenated solvents content in olive oil by two completely automated headspace techniques coupled to gas chromatography-mass spectrometry

Biedermann-Brem S, Biedermann M, Fiselier K, Grob K// \*Official Food Control Authority Canton Zurich, CH-8032 Zurich, Switzerland  
*Food Addit Contam* 2005 **22** (12) 1274

Compositional GC-FID analysis of the additives to PVC, focusing on the gaskets of lids for glass jars

Blasco C, Font G, Pico Y// Univ Valencia, Fac Farm, Lab Bromatol & Toxicol, Av Vicent Andres Estelles s/n, ES-46100 Valencia, Spain  
*J Chromatogr A* 2005 **1098** (1-2) 37

Analysis of pesticides in fruits by pressurized liquid extraction and liquid chromatography-ion trap-triple stage mass spectrometry

Bourais I, Amine A\*, Moscone D, Palleschi G// \*Univ Hassan II-Mohammedia, Fac Sci & Technol Mohammedia, BP 146, Mohammedia, Morocco  
*Food Chem* 2006 **96** (3) 485

Investigation of glycated protein assay for assessing heat treatment effect in food samples and protein-sugar models

Capobiango HLV, Cardeal ZL// \*Univ Fed Minas Gerais, ICEx, Dept Quim, CP 702, BR-31270-901 Belo Horizonte, MG, Brazil  
*J Brazil Chem Soc* 2005 **16** (5) 907

A solid-phase microextraction method for the chromatographic determination of organophosphorus pesticides in fish, water, potatoes, guava and coffee

Chia KJ, Huang SD// \*Nat Tsing Hua Univ, Dept Chem, Hsinchu 30043, Taiwan  
*Rapid Commun Mass Spectrom* 2006 **20** (2) 118

Analysis of organochlorine pesticides in wine by solvent bar microextraction coupled with gas chromatography with tandem mass spectrometry detection

Da Silva VM, Veloso MCD, De Oliveira AS, Santos GV, Pereira PAD, De Andrade JB// \*Univ Fed Bahia, Inst Quim, BR-40170-290 Salvador, BA, Brazil  
*Talanta* 2005 **68** (2) 323

Determination of simple bromophenols in marine fishes by reverse-phase high performance liquid chromatography (RP-HPLC)

Ding SY, Hou YL, Wu NP, Shen JZ// \*China Agr Univ, Coll Vet Med, Dept Vet Pharmacol & Toxicol, CN-100094 Beijing, Peoples Rep China  
*J AOAC Int* 2005 **88** (6) 1644

Residue analysis for halofuginone in sturgeon muscle by immunoaffinity cleanup and liquid chromatography

Esteve-Turillas FA, Pastor A\*, De la Guardia M// \*Univ Valencia, Dept Anal Chem, Edif Jeroni Munoz, 50th Dr Moliner, ES-46100 Burjassot, Spain  
*Anal Chim Acta* 2005 **553** (1-2) 50

Determination of pyrethroid insecticide residues in vegetable oils by using combined solid-phases extraction and tandem mass spectrometry detection

Fiselier K, Biedermann M, Grob K// \*Official Food Control Authority Canton Zurich, CH-8030 Zurich, Switzerland  
*J Sep Sci* 2005 **28** (16) 2144

Injector-internal thermal desorption from edible oils. Part 2: Chromatographic optimization for the analysis of migrants from food packaging material

Gomara B, Herrero L, Bordajandi LR, Gonzalez MJ// \*IQOG CSIC, Dept Instrumental Anal & Environn Chem, Juan de la Cierva 3, ES-28006 Madrid, Spain  
*Rapid Commun Mass Spectrom* 2006 **20** (2) 69

Quantitative analysis of polybrominated diphenyl ethers in adipose tissue, human serum and foodstuff samples by gas chromatography with ion trap tandem mass spectrometry and isotope dilution

Grujic S, Radisic M, Vasiljevic T, Lausevic M// Fac Technol & Met Belgrade, Karnegijeva 4, YU-11000 Belgrade, Yugoslavia  
*Food Addit Contam* 2005 **22** (11) 1132

Determination of carbendazim residues in fruit juices by liquid chromatography-tandem mass spectrometry

Haasnoot W, Bienenmann-Ploum M, Lamminmaki U, Swanenburg M, Van

- Rhijn H// RIKILT, Inst Food Safety, POB 230, NL-6700 AE Wageningen, The Netherlands  
*Anal Chim Acta* 2005 **552** (1-2) 87
- Application of a multi-sulfonamide biosensor immunoassay for the detection of sulfadiazine and sulfamethoxazole residues in broiler serum and its use as a predictor of the levels in edible tissue
- Huang HC, Lai SF, Liu YC, Chen HY, Tu WC// \*Natl Chung Hsing Univ, Dept Entomol, Taichung 402, Taiwan  
*J AOAC Int* 2005 **88** (6) 1784
- Determination of bromide ion residues in broccoli after fumigation with methyl bromide by nonsuppressed ion-chromatography
- Lamba S, Sanghi SK\*, Asthana A, Shelke M// \*CSIR, Reg Res Lab, Near Habibganj Naka, Hoshangabad Rd, IN-462026 Bhopal, MP, India  
*Anal Chim Acta* 2005 **552** (1-2) 110
- Rapid determination of sulfonamides in milk using micellar electrokinetic chromatography with fluorescence detection
- Li M, Hashi Y\*, Song YY, Lin JMM// \*Shimadzu Hongkong Ltd, Beijing Office, Analyt Applicat Ctr 14F, 16 Chao Yang Men Wai St, CN-100020 Beijing, Peoples Rep China  
*J Chromatogr A* 2005 **1097** (1-2) 183
- Simultaneous determination of carbamate and organophosphorus pesticides in fruits and vegetables by liquid chromatography-mass spectrometry
- Lucchetti D, Fabrizi L, Esposito A, Guardalini E, Di Pasquale M, Coni E// \*Ist Super Sanita, Natl Ctr Food Qual & Risk Assessment, Viale Regina Elena 299, IT-00161 Rome, Italy  
*J Agric Food Chem* 2005 **53** (25) 9689
- Simple confirmatory method for the determination of erythromycin residues in trout: A fast liquid-liquid extraction followed by liquid chromatography-tandem mass spectrometry
- Mali BD, Garad MV// Reg Forens Sci Lab, Cantonment, IN-431002 Aurangabad, India  
*J Planar Chromatogr Mod TLC* 2005 **18** (105) 397
- Thin-layer chromatographic detection of chloral hydrate in an alcoholic beverage
- Marin JM, Pozo OJ, Beltran J, Hernandez F// \*Univ Jaume I, Res Inst Pesticides & Water, PO Box 8029 AP, ES-12071 Castellon, Spain  
*Rapid Commun Mass Spectrom* 2006 **20** (3) 419
- An ion-pairing liquid chromatography/tandem mass spectrometric method for the determination of ethephon residues in vegetables
- Martinez Vidal JL, Arreola Liebanas FJ, Gonzalez Rodriguez MJ, Garrido French A\*, Fernandez Moreno JL// \*Univ Almeria, Dept Anal Chem, ES-04071 Almeria, Spain  
*Rapid Commun Mass Spectrom* 2006 **20** (3) 365
- Validation of a gas chromatography/triple quadrupole mass spectrometry based method for the quantification of pesticides in food commodities
- Mascini M, Macagnano A, Scorticlini G, Del Carlo M, Diletti G, D'Amico A, Di Natale C, Compagnone D// Univ Teramo, Dip Sci Alimenti, IT-64023 Teramo, Italy  
*Sensor Actuator B Chem* 2005 **111-112** 376
- Biomimetic sensors for dioxins detection in food samples
- Nanda V, Bera MB, Bakhshi AK// Punjab Agr Univ, Dept Food Sci & Technol, IN-141004 Ludhiana, India  
*Eur Food Res Technol* 2006 **222** (1-2) 64
- Optimization of the process parameters to establish the quality attributes of hydroxymethylfurfural content and diastatic activity of sunflower (*Helianthus annuus*) honey using response surface methodology
- Nasser ALM, Lopes LMX, Eberlin MN, Monteiro M// \*UNESP, Fac Ciencias Farmaceut, Dept Alimentos & Nutr, BR-14801-902 Araraquara, SP, Brazil  
*J Chromatogr A* 2005 **1097** (1-2) 130
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