

## Bibliography of analytical methods

(4 weeks journals. Search completed at 26th. Mar. 2008)

### 1. Reviews

Beyer A, Biziuk M// Gdansk Univ Technol, Chem Fac, Dept Anal Chem, 11/12 G Narutowicza St, PL-80952 Gdansk, Poland  
*Food Chem* 2008 **108** (2) 669

Applications of sample preparation techniques in the analysis of pesticides and PCBs in food

Cheung RHF, Marriott PJ\*, Small DM// \*RMIT University, School Appl Sci, Australian Ctr Res Separation Sci, GPO Box 2476V, Melbourne, Vic 3001, Australia  
*Electrophoresis* 2007 **28** (19) 3390

CE methods applied to the analysis of micronutrients in foods

Herrero AM// Univ Complutense, Fac Vet, Dept Nutr Bromatol & Tecnol Alimentos, ES-28040 Madrid, Spain  
*Food Chem* 2008 **107** (4) 1642

Raman spectroscopy a promising technique for quality assessment of meat and fish: A review

Kvasnicka F// Inst Chem Technol, Dept Food Preservation & Meat Technol, Technicka 5, Prague 6, Czech Republic  
*Electrophoresis* 2007 **28** (20) 3581

Application of CE in hydrodynamically closed system for analysis of bioactive compounds in food

Lambropoulou DA, Albanis TA// Univ Ioannina, Dept Chem, Lab Environm Technol, GR-45110 Ioannina, Greece  
*Anal Bioanal Chem* 2007 **389** (6) 1663

Methods of sample preparation for determination of pesticide residues in food matrices by chromatography-mass spectrometry-based techniques: A review

Nicolai BM, Beullens K, Bobelyn E, Peirs A, Saeyns W, Theron KI, Lammertyn J// Catholic Univ Louvain, Biosyst, MeBioS, Flanders Ctr Postharvest Technol, Willen de Croylaan 42, BE-3001 Louvain, Belgium  
*Postharvest Biol Technol* 2007 **46** (2) 99

Nondestructive measurement of fruit and vegetables quality by means of NIR spectroscopy: A review

Samanidou VF, Evaggelopolou EN// Aristotle Univ Thessaloniki, Dept Chem, Anal Chem Lab, GR-54124 Thessaloniki, Greece  
*J Sep Sci* 2007 **30** (16) 2549

Analytical strategies to determine antibiotic residues in fish

Wang S, Huang W, Fang GZ, Zhang Y, Qiao H// Tianjin Univ Sci & Technol, Fac Food Engn & Biotechnol, Tianjin Key Lab Food Nutr & Safety, CN-300222 Tianjin, Peoples Rep China  
*Int J Environ Anal Chem* 2008 **88** (1) 1

Analysis of steroidal estrogen residues in food and environmental samples

### 2. General

Abad E, Zampolli S, Marco S, Scorzoni A, Mazzolai B, Juarros A, Gomez D, Elmi I, Cardinali GC, Gomez JM, Palacio F, Cicioni M, Mondini A, Becker T, Sayhan I// Fundacion Tekniker, Micro & Nanotechnol Dept, Eibar, Spain  
*Sensor Actuator B Chem* 2007 **127** (1) 2

Flexible tag microlab development: Gas sensors integration in RFID flexible tags for food logistic

Ciosek P, Maminska R, Dybko A, Wroblewski W// Warsaw Univ Technol, Dept Anal Chem, Noakowskiego 3, PL-00664 Warsaw, Poland

*Sensor Actuator B Chem* 2007 **127** (1) 8

Potentiometric electronic tongue based on integrated array of microelectrodes

### 3. Amino acids, proteins & enzymes

Aquino FWB, Boso LM, Cardoso DR, Franco DW// \*Univ Sao Paulo, Inst Quim Sao Carlos, Av Trabalhador Sao Carlense 400, CP 780, BR-13560-970 Sao Carlos, Brazil

*Food Chem* 2008 **108** (2) 784

Amino acids profile of sugar cane spirit (cachaca), rum, and whisky

Astruc T, Marinova P, Labas R, Gatellier P\*, Sante-Lhoutellier V// \*INRA, UR 370 QUaPA, FR-63122 St Genes Champanelle, France

*J Agric Food Chem* 2007 **55** (23) 9554

Detection and localization of oxidized proteins in muscle cells by fluorescence microscopy

Biazus JPM, Santana JCC\*, Souza RR, Jordao E, Tambourgi EB// \*Fed State Univ Campinas, Sch Chem Engrn, Dept Engrn Chem Systems, BR-13081-970 Campinas, SP, Brazil

*J Chromatogr B* 2007 **858** (1-2) 227

Continuous extraction of  $\alpha$ - and  $\beta$ -amylases from *Zea mays* malt in a PEG4000/CaCl<sub>2</sub> ATPS

Castro-Rubio F, Marina ML, Garcia MC// \*Univ Alcalá de Henares, Fac Chem, Dept Anal Chem, Ctra Madrid Barcelona km 33-600, ES-28871 Madrid, Spain

*J Chromatogr A* 2007 **1170** (1-2) 34

Perfusion reversed-phase high-performance liquid chromatography/mass spectrometry analysis of intact soybean proteins for the characterization of soybean cultivars

Delwiche SR, Pordesimo LO, Panthee DR, Pantalone VR// USDA/ARS, Food Safety Lab, Henry & Wallace Beltsville Agric Res Ctr, Beltsville, Md 20705, USA

*J Am Oil Chem Soc* 2007 **84** (12) 1107

Assessing glycinin (11S) and  $\beta$ -conglycinin (7S) fractions of soybean storage protein by near-infrared spectroscopy

Giribaldi M, Perugini L, Sauvage FX, Schubert A// Dipt Colture Arboree, Via Leonardo da Vinci 44, IT-10095 Grugliasco, Italy

*Proteomics* 2007 **7** (17) 3154

Analysis of protein changes during grape berry ripening by 2-DE and MALDI-TOF

Rehbein H// Fed Res Ctr Nutr & Food, Dept Fish Qual, Palmaille 9, DE-22767 Hamburg, Germany

*Dtsch Lebensm Rundsch* 2007 **103** (11) 511

Differentiation of hake species by RFLP- and SSCP-analysis of PCR amplified cytochrome *b* and parvalbumin sequences

Ren J, Zhao M\*, Shi J, Wang J, Jiang Y, Cui C, Kakuda Y, Xue SJ// \*Sth China Univ Technol, Coll Light Ind & Food Sci, CN-510640 Guangzhou, Peoples Rep China

*Food Chem* 2008 **108** (2) 727

Purification and identification of antioxidant peptides from grass carp muscle hydrolysates by consecutive chromatography and electrospray ionization-mass spectrometry

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 Reviews; 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.

Ronda F, Rodriguez-Nogales JM\*, Sancho D, Gomez BOYM// \*Univ Valladolid, Dept Ingn Agric & Forest Tecnol Alimentos, ES-34004 Palencia, Spain  
*Food Chem* 2008 **108** (1) 287  
 Multivariate optimisation of a capillary electrophoretic method for the separation of glutenins. Application to quantitative analysis of the endosperm storage proteins in wheat  
 Sun Y, Cai HW, Zheng LM\*, Ren FZ, Zhang LD, Zhang HT// \*China Agric Univ, Coll Informat & Elect Engn, CN-100083 Beijing, Peoples Rep China  
*Food Control* 2008 **19** (3) 315  
 Development and characterization of a new amylase type time-temperature indicator  
 Wu D, He Y\*, Feng SJ, Sun DW// \*Zhejiang Univ, Coll Biosystems Engn & Food Sci, CN-310029 Hangzhou, Peoples Rep China  
*J Food Eng* 2008 **84** (1) 124  
 Study on infrared spectroscopy technique for fast measurement of protein content in milk powder based on LS-SVM

#### 4. Carbohydrates

Bao YW, Zhu LB, Newburg DS// \*Massachusetts Gen Hosp, Charlestown, Ma 02129, USA  
*Anal Biochem* 2007 **370** (2) 206  
 Simultaneous quantification of sialyloligosaccharides from human milk by capillary electrophoresis  
 La Pera L, Di Bella G, Magnisi R, Lo Turco V, Dugo G// \*Univ Messina, Dipt Sci Alimentari Ambientali, Salita Sperone 31, IT-98166 Messina, Italy  
*Ital J Food Sci* 2007 **19** (3) 319  
 Analysis of carbohydrates in Sicilian DOC wines by high performance liquid chromatography with evaporative light scattering detection  
 Mollea C, Chiampo F, Conti R// Politecn Torino, Dipt Sci Materiali & Ingn Chim, Corso Duca degli Abruzzi 24, IT-10129 Turin, Italy  
*Food Chem* 2008 **107** (3) 1353  
 Extraction and characterization of pectins from cocoa husks: A preliminary study  
 Smiderle FR, Carbonero ER, Sasaki GL, Gorin PAJ, Iacomini M// \*Univ Fed Parana, Dept Bioquim & Biol Mol, CP 19046, BR-81531-980 Curitiba, PR, Brazil  
*Food Chem* 2008 **108** (1) 329  
 Characterization of a heterogalactan: Some nutritional values of the edible mushroom *Flammulina velutipes*

#### 5. Lipids

Arya SK, Datta M, Singh SP, Malhotra BD// \*Nat'l Phys Lab, Biomol Elect & Conducting Polym Res Grp, Dr KS Krishnan Marg, IN-110012 New Delhi, India  
*Anal Bioanal Chem* 2007 **389** (7-8) 2235  
 Biosensor for total cholesterol estimation using *N*-(2-aminoethyl)-3-aminopropyltrimethoxysilane self-assembled monolayer  
 Balesteros MR, Tavares MFM, Ribeiro SJL, Polachini FC, Messaddeq Y, De Oliveira MAL// \*Univ Fed Juiz de Fora, Dept Quim, Campus Martelos s/n, BR-36036-330 Juiz de Fora, MG, Brazil  
*Electrophoresis* 2007 **28** (20) 3731  
 Determination of olive oil acidity by CE  
 Calvano CD, Aresta A, Palmisano F, Zamboni CG// \*Univ Bari, Dipt Chim, Ctr Interdipt Ricerca SMART, IT-70126 Bari, Italy  
*Anal Bioanal Chem* 2007 **389** (7-8) 2075  
 A laser desorption ionization time-of-flight mass spectrometry investigation into triacylglycerols oxidation during thermal stressing of edible oils  
 Chen S, Li KW// Chainon Neurotrophin Biotechnology Inc, 41 Bayberry Dr, Malta, NY 12020, USA  
*J Agric Food Chem* 2007 **55** (23) 9670  
 Mass spectrometric identification of molecular species of phosphatidylcholine and lysophosphatidylcholine extracted from shark liver  
 Chua CSL, Baharin BS\*, Man YBC, Tan CP// \*Univ Putra Malaysia, Fac Food Sci & Biotechnol, Dept Food Technol, MY-43400 Serdang, Malaysia  
*Eur J Lipid Sci Technol* 2007 **109** (11) 1083  
 Separation of squalene from palm fatty acid distillate using adsorption chromatography  
 Deepam LSA, Kumar DRS, Sundaresan A, Arumughan C// \*CSIR, Natl Inst Interdisciplinary Sci & Technol, IN-695019 Thiruvananthapuram, India  
*J Sep Sci* 2007 **30** (16) 2786  
 A new method for simultaneous estimation of unsaponifiable constituents of rice bran oil using HPTLC  
 Dong J, Chen W\*, Wang S, Zhang J, Li H, Guo H, Man Y, Chen B// \*Beijing Hosp, Inst Geriatr, CN-100730 Beijing, Peoples Rep China  
*J Chromatogr B* 2007 **858** (1-2) 239  
 Jones oxidation and high performance liquid chromatographic analysis of cholesterol in biological samples

Felgner A, Schlink R, Kirschenbuhler P, Faas B, Isengard HD// Univ Hohenheim, Inst Food Sci & Biotechnol, Garbenstr 25, DE-70593 Stuttgart, Germany  
*Food Chem* 2008 **106** (4) 1379  
 Automated Karl Fischer titration for liquid samples - Water determination in edible oils  
 Guler GO, Kiztanir B, Aktumsek A\*, Citil OB, Ozparlak H// \*Selcuk Univ, Sci & Arts Fac, Dept Biol, TR-42075 Konya, Turkey  
*Food Chem* 2008 **108** (2) 689  
 Determination of the seasonal changes on total fatty acid composition and  $\omega$ 3/ $\omega$ 6 ratios of carp (*Cyprinus carpio* L.) muscle lipids in Beysehir Lake (Turkey)  
 Kafkas E, Kurkcuoglu M, Kafkas S, Baser KHC// Cukurova Univ, Subtopical Fruit Res & Applicat Ctr, TR-01330 Adana, Turkey  
*Chem Nat Compd* 2007 **43** (3) 313  
 Analysis of the fatty oil of *Pistacia eurycarpa* nuts by gas chromatography/mass spectrometry  
 Kaufman M, Wiesman Z// \*Ben Gurion Univ Negev, Dept Biotechnol Engn, Phyto Lipid Biotechnol Lab, IL-84105 Beer Sheva, Israel  
*J Agric Food Chem* 2007 **55** (25) 10405  
 Pomegranate oil analysis with emphasis on MALDI-TOF/MS triacylglycerol fingerprinting  
 Kurosawa H, Yoshida H\*, Yanai H, Ogura Y, Hirowatari Y, Tada N// \*Jikei Univ, Dept Lab Med, 163-1 Kashiwashita, Chiba 277 8567, Japan  
*Clin Biochem* 2007 **40** (16-17) 1291  
 Comparative study between anion-exchange HPLC and homogeneous assay methods in regard to the accuracy of high- and low-density lipoprotein cholesterol measurement  
 Lerma-Garcia MJ, Herrero-Martinez JM, Ramis-Ramos G, Simo-Alfonso EF// \*Univ Valencia, Fac Chem, Dept Anal Chem, C/ Doctor Moliner 50, ES-46100 Burjassot, Valencia, Spain  
*Food Chem* 2008 **107** (3) 1307  
 Evaluation of the quality of olive oil using fatty acid profiles by direct infusion electrospray ionization mass spectrometry  
 Li SG, Zhang H, Xue WT// \*China Agric Univ, Coll Food Sci & Nutritional Engn, CN-100083 Beijing, Peoples Rep China  
*Eur J Lipid Sci Technol* 2007 **109** (11) 1088  
 A novel method for the determination of acid value of vegetable oils  
 Pietsch A, Jaeger P// Eurotech GmbH, DE-22941 Bargteheide, Germany  
*Eur J Lipid Sci Technol* 2007 **109** (11) 1077  
 Concentration of squalene from shark liver oil by short-path distillation  
 Rada M, Guinda A, Cayuela J// Inst Grasa, Characterization & Calidad, Avda Padre Garcia Tejero 4, ES-41012 Seville, Spain  
*Eur J Lipid Sci Technol* 2007 **109** (11) 1071  
 Solid/liquid extraction and isolation by molecular distillation of hydroxytyrosol from *Olea europaea* L. leaves  
 Rezzi S, Giani I, Heberger K, Axelson DE, Moretti VM, Reniero F, Guillou C// \*EC, Inst Hlth & Consumer Protect, Joint Res Ctr, IT-21020 Ispra, Italy  
*J Agric Food Chem* 2007 **55** (24) 9963  
 Classification of gilthead sea bream (*Sparus aurata*) from <sup>1</sup>H NMR lipid profiling combined with principal component and linear discriminant analysis  
 Rudi T, Guthausen G, Burk W, Reh CT, Isengard HD// Univ Hohenheim, Inst Food Sci & Biotechnol, Garbenstr 25, DE-70593 Stuttgart, Germany  
*Food Chem* 2008 **106** (4) 1375  
 Simultaneous determination of fat and water content in caramel using time domain NMR

#### 6. Vitamins & co-factors

Anastasopoulos P, Mellos T, Spinou M, Tsiaka T, Timotheou-Potamia M// \*Univ Athens, Dept Chem, Anal Chem Lab, GR-15771 Athens, Greece  
*Anal Lett* 2007 **40** (11) 2203  
 Chemiluminometric and fluorimetric determination of folic acid  
 Borodina EV, Kitaeva TA, Safonova EF, Selemenev VF, Nazarova AA// Voronezh State Univ, Universitetskaya pl 1, RU-394693 Voronezh, Russia  
*J Anal Chem Engl Tr* 2007 **62** (11) 1064  
 Determination of  $\alpha$ -tocopherol and ergocalciferol by thin-layer chromatography  
 Czaundera A, Kowalczyk J// Polish Acad Sci, Kielanowski Inst Anim Physiol & Nutr, PL-05110 Jablonna, Poland  
*J Chromatogr B* 2007 **858** (1-2) 8  
 Alkaline saponification results in decomposition of tocopherols in milk and ovine blood plasma  
 Lebedzinska A, Marszall ML, Kuta J, Szefer P// Med Univ Gdansk, Dept Food Sci, Al Gen J Hallera 107, PL-80416 Gdansk, Poland  
*J Chromatogr A* 2007 **1173** (1-2) 71  
 Reversed-phase high-performance liquid chromatography method with coulometric electrochemical and ultraviolet detection for the quantification of vitamins B<sub>1</sub> (thiamine), B<sub>6</sub> (pyridoxamine, pyridoxal and pyridoxine) and B<sub>12</sub> in animal and plant foods

Lim H, Woo S, Kim HS, Jong SK, Lee J\*// \*Chungbuk Natl Univ, Dept Food Sci & Technol, 12 Gaeshin-dong, Heungduk gu, Cheongju 361 763, South Korea  
*Eur J Lipid Sci Technol* 2007 **109** (11) 1124  
Comparison of extraction methods for determining tocopherols in soybeans

Luterotti S, Bicanic D\*, Jandragic K// \*Wageningen Univ, Dept Agrotechnol & Food Sci, Biophys Div, Laser Lab Photothermal Sci, Dreijenlaan 3-Transitorium, NL-6701 HA Wageningen, The Netherlands  
*Food Chem* 2008 **108** (1) 316  
Photoacoustic spectroscopy and optothermal window as analytical tools to quantitate carotenes in margarines

Niazi A, Zolgharnein J, Afiani-Zadeh S// Azad Univ, Dept Chem, Arak, Iran  
*Anal Sci* 2007 **23** (11) 1311

Spectrophotometric determination of ternary mixtures of thiamin, riboflavin and pyridoxal in pharmaceutical and human plasma by least-squares support vector machines

Pejic N, Blagojevic S, Anic S, Kolar-Anic L// Univ Belgrade, Fac Pharm, Vojvode Stepe 450, Belgrade 11000, Serbia  
*Anal Bioanal Chem* 2007 **389** (6) 2009

Determination of ascorbic acid in pharmaceutical dosage forms and urine by means of an oscillatory reaction system using the pulse perturbation technique

Shahrokhan S, Zare-Mehrjardi HR// Sharif Univ Technol, Dept Chem, PO Box 11155-9516, Tehran, Iran  
*Electroanalysis* 2007 **19** (21) 2234

Simultaneous voltammetric determination of uric acid and ascorbic acid using a carbon-paste electrode modified with malt-walled carbon nanotubes/Nafion and cobalt(II)-nitrosalophen

Vogeser M, Lorenz S// Hosp Univ Munich, Inst Clin Chem, Marchioninstr 15, DE-81377 Munich, Germany  
*Clin Biochem* 2007 **40** (16-17) 1342

Comparison of automated assays for the determination of vitamin B<sub>12</sub> in serum

Wu SH, Sun JJ\*, Lin ZB, Wu AH, Zeng YM, Guo L, Zhang DF, Dai HM, Chen GN// \*Fuzhou Univ, Coll Chem & Chem Engn, MoE Key Lab Analysis & Detect Technol Food Safety, CN-350002 Fuzhou, Peoples Rep China  
*Electroanalysis* 2007 **19** (21) 2251

Adsorptive stripping analysis of riboflavin at electrically heated graphite cylindrical electrodes

Yuan Y, Gao Y\*, Mao L, Zhao J// \*China Agric Univ, Coll Food Sci & Nutr Engn, CN-100083 Beijing, Peoples Rep China  
*Food Chem* 2008 **107** (3) 1300

Optimisation of conditions for the preparation of  $\beta$ -carotene nanoemulsions using response surface methodology

## 7. Trace elements & minerals

Alvarez M, Moreno IM\*, Jos A, Camean AM, Gonzalez AG// \*Univ Seville, Fac Pharm, C/ Prof Garcia Gonzalez 2, ES-41012 Seville, Spain

*Microchem J* 2007 **87** (1) 72  
Differentiation of two-Andalusian DO 'fino' wines according to their metal content from ICP-OES by using supervised pattern recognition methods

Alzate A, Canas B, Perez-Munguia S, Hernandez-Mendoza H, Perez-Conde C, Gutierrez AM\*, Camara C// \*Univ Complutense Madrid, Fac Ciencias Quim, Dept Quim Anal, ES-28040 Madrid, Spain  
*J Agric Food Chem* 2007 **55** (24) 9776

Evaluation of the inorganic selenium biotransformation in selenium-enriched yogurt by HPLC-ICP-MS

Arain MB, Kazi TG\*, Jamali MK, Jalbani N, Afridi HI, Sarfraz RA, Shah AQ// \*Univ Sindh, Ctr Excellence Anal Chem, PK-76080 Jamshoro, Pakistan  
*Spectrosc Lett* 2007 **40** (6) 861

Determination of toxic elements in muscle tissues of five fish species using ultrasound-assisted pseudodigestion by electrothermal atomic absorption spectrophotometry: Optimization study

Caldas NM, Amorim VR, Gomes Neto JA\*// \*UNESP, Inst Chem, Dept Anal Chem, POB 355, BR-14801-970 Araraquara SP, Brazil  
*Atom Spectrosc* 2007 **28** (5) 189

Direct and simultaneous determination of As, Cu, and Pb in Brazilian sugar cane spirits by graphite furnace AAS using Tungsten permanent modifier with Co-injection of Pd/Mg(NO<sub>3</sub>)<sub>2</sub>

Mouaddab M, Foucat L\*, Donnat JP, Renou JP, Bonny JM// \*INRA UR 370, FR-63112 St Genes Champanelle, France  
*J Magn Reson* 2007 **189** (1) 151

Absolute quantification of Na<sup>+</sup> bound fraction by double-quantum filtered <sup>23</sup>Na NMR spectroscopy

Oleszczuk N, Castro JT, Da Silva MM, Korn MDA, Welz B, Vale MGR\*// \*UFRGS, IQ, Av Bento Gonçalves 9500, BR-91501-970 Porto Alegre, Brazil  
*Talanta* 2007 **73** (5) 862

Method development for the determination of manganese, cobalt and copper in green coffee comparing direct solid sampling electrothermal atomic absorption spectrometry and inductively coupled plasma optical emission spectrometry

Reis PA, Almeida CMR\*// \*Univ Porto, Lab Quim, Centro Interdisciplinar Invest Marinha & Ambiental, Rua dos Bragas 289, PT-4050-123 Porto, Portugal  
*Food Chem* 2008 **107** (3) 1294

Matrix importance in animal material pre-treatment for metal determination

Sarica DY, Turker AR\*// \*TUBITAK, Anal Sci & Technol Res Council Turkey, Ankara Test & Anal Lab, TR-06530 Ankara, Turkey  
*Ann Chim Rome* 2007 **97** (10) 983

Method validation for the determination of lead in raw cow's milk by electrothermal atomic absorption spectrometry

Scheibel V, Appoloni CR// Univ Estadual Londrina, Dept Fis, BR-86051-990 Londrina, PR, Brazil

*Braz Arch Biol Technol* 2007 **50** (5) 901

Survey of natural radioactivity levels in *Ilex paraguayensis* (St. Hil.) by  $\gamma$ -ray spectrometry

Serapinas P, Venskutonis PR\*, Aninkevicius V, Exerinskis Z, Galdikas A, Juzikiene V// \*Kaunas Univ Technol, Dept Food Technol, Radvilenu Pl 19, LT-50254 Kaunas, Lithuania  
*Food Chem* 2008 **107** (4) 1652

Step by step approach to multi-element data analysis in testing the provenance of wines

Turkmen M, Turkmen A, Tepe Y, Ates A, Gokkus K// Mustafa Kemal Univ, Fac Fisheries & Aquaculture, TR-31040 Antakya, Hatay, Turkey  
*Food Chem* 2008 **108** (2) 794

Determination of metal contaminations in sea foods from Marmara, Aegean and Mediterranean seas: Twelve fish species

Vassileva E, Quetel CR\*// \*European Commission Joint Res Ctr, Inst Reference Materials & Measurements, Retieseweg 111, BE-2440 Geel, Belgium  
*Food Chem* 2008 **106** (4) 1485

Influence of the correction for moisture/water content on the quality of the certification of cadmium, copper and lead mass fractions in rice

Xiong CM, Hu B\*// \*Wuhan Univ, Dept Chem, CN-430072 Wuhan, Peoples Rep China

*J Agric Food Chem* 2007 **55** (25) 10129

Online YPA<sub>4</sub> resin microcolumn separation/preconcentration coupled with inductively coupled plasma optical emission spectrometry (ICP-OES) for the speciation analysis of mercury in seafood

Yang KX, Swami K\*// \*New York State Dept Hlth, Lab Inorgan & Nucl Chem, Wadsworth Ctr, Albany, NY 12201, USA

*Spectrochim Acta B Atom Spect* 2007 **62** (10) 1177

Determination of metals in marine species by microwave digestion and inductively coupled plasma mass spectrometry analysis

Yebrá MC, Cancela S, Cespon RM// Univ Santiago de Compostela, Fac Chem, Department Anal Chem Nutr & Bromatol, ES-15782 Santiago de Compostela, Spain  
*Food Chem* 2008 **108** (2) 774

Automatic determination of nickel in foods by flame atomic absorption spectrometry

## 8. Drug, biocide & processing residues

Banerjee K, Oulkar DP, Dasgupta S, Patil SB, Patil SH, Savant R, Adsule PG// Natl Res Ctr Grapes, PO Manjri Farm, IN-412307 Pune, India

*J Chromatogr A* 2007 **1173** (1-2) 98

Validation and uncertainty analysis of a multi-residue method for pesticides in grapes using ethyl acetate extraction and liquid chromatography-tandem mass spectrometry

Barbini DA, Vanni F, Girolimetti S, Dommarco R// Ist Super Sanita, Dipt Ambiente & Connessa Prevenzione Primaria, Viale Regina Elena 299, IT-00161 Rome, Italy

*Anal Bioanal Chem* 2007 **389** (6) 1791

Development of an analytical method for the determination of the residues of four pyrethroids in meat by GC-ECD and confirmation by GC-MS

Bertelli D, Papotti G, Lolli M, Sabatini AG, Plessi M// Univ Modena & Reggio Emilia, Dipt Sci Farmaceut, Via Campi 183, IT-41100 Modena, Italy  
*Food Chem* 2008 **108** (1) 297

Development of an HS-SPME-GC method to determine the methyl anthranilate in *Citrus* honeys

Bogialli S, D'Ascenzo G, Di Corcia A, Lagana A, Nicolardi S// Univ La Sapienza, Dipt Chim, Piazza Aldo Moro 5, IT-00185 Roma, Italy  
*Food Chem* 2008 **108** (1) 354

A simple and rapid assay based on hot water extraction and liquid chromatography-tandem mass spectrometry for monitoring quinolone residues in bovine milk

Bosch L, Alegria A, Farre R\*, Clemente G// \*Univ Valencia, Fac Pharm, Nutr & Food Chem, Avda Vicente Andres Estelles s/n, ES-46022 Valencia, Spain  
*Food Chem* 2008 **107** (4) 1681

Effect of storage conditions on furosine formation in milk-cereal based baby foods

- Botitsi H, Econornou A, Tsipl D\*// \*Gen Chem State Lab, Pesticide Res Lab, 16 An Tsoha, GR-11521 Athens, Greece  
*Anal Bioanal Chem* 2007 **389** (6) 1685  
Development and validation of a multi-residue method for the determination of pesticides in processed fruits and vegetables using liquid chromatography-electrospray ionization tandem mass spectrometry
- Carabias-Martinez R, Rodriguez-Gonzalo E, Miranda-Cruz E, Dominguez-Alvarez J, Hernandez-Mendez J// Univ Salamanca, Fac Quim, Dept Quim Anal Nutr & Bromatol, Plaza Merced s/n, ES-37008 Salamanca, Spain  
*Electrophoresis* 2007 **28** (20) 3606  
Sensitive determination of herbicides in food samples by nonaqueous CE using pressurized liquid extraction
- Carrillo-Carrion C, Lucena R, Cardenas S, Valcarcel M\*// \*Univ Cordoba, Dept Anal Chem, M Curie Bldg Annex, Campus Rabanales, ES-14071 Cordoba, Spain  
*J Chromatogr A* 2007 **1171** (1-2) 1  
Liquid-liquid extraction/headspace/gas chromatographic/mass spectrometric determination of benzene, toluene, ethylbenzene, (*o*-, *m*- and *p*-)xylene and styrene in olive oil using surfactant-coated carbon nanotubes as extractant
- Chen Y, Shang Y, Li X, Wu X, Xiao X\*// \*China Agric Univ, Coll Vet Med, Dept Pharmacol & Toxicol, CN-100094 Beijing, Peoples Rep China  
*Food Chem* 2008 **108** (1) 304  
Development of an enzyme-linked immunoassay for the detection of gentamicin in swine tissues
- Christodoulou EA, Samanidou VF, Papadoyannis IN// Aristotle Univ Thessaloniki, Dept Chem, Anal Chem Lab, GR-54124 Thessaloniki, Greece  
*J Sep Sci* 2007 **30** (16) 2676  
Development and validation of an HPLC confirmatory method for residue analysis of ten quinolones in tissues of various food-producing animals according to the European Union Decision 2002/657/EC
- Cortes-Aguado S, Sanchez-Morito N, Arrebola FJ\*, Garrido Frenich A, Martinez Vidal JL// \*Univ Almeria, Dept Anal Chem, Res Grp - Anal Chem Contaminants, ES-04120 Almeria, Spain  
*Food Chem* 2008 **107** (3) 1314  
Fast screening of pesticide residues in fruit juice by solid-phase microextraction and gas chromatography-mass spectrometry
- Cunha SC, Fernandes JO, Beatriz A, Oliveira PP// Univ Porto, Fac Farm, Serv Bromatol, REQUIMTE, Rua Anibal Cunha 164, PT-4099-030 Oporto, Portugal  
*Talanta* 2007 **73** (3) 514  
Determination of phosmet and its metabolites in olives by matrix solid-phase dispersion and gas chromatography-mass spectrometry
- Ezerskis Z, Morkunas V, Suman M, Simoneau C// European Commission DG Joint Res Ctr, Inst Hlth & Consumer Protect, Phys & Chem Exposure Unit, TP 260, IT-21020 Ispra, VA, Italy  
*Anal Chim Acta* 2007 **604** (1) 29  
Analytical screening of polyadipates and other plasticisers in poly(vinyl chloride) gasket seals and in fatty food by gas chromatography-mass spectrometry
- Furusawa N// Osaka City Univ, Grad Sch Human Life Sci, Osaka 558 858, Japan  
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Moon SY, Li-Chan ECY\*// \*Address as above

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