

## Bibliography of analytical, nutritional and clinical methods

(4 weeks journals. Search completed at 2nd May 2007)

### 1. Reviews

Alder L, Greulich K, Kempe G, Vieth B// Fed Inst Risk Assessment, Fachgruppe 67, Thielallee 88-92, DE-14195 Berlin, Germany  
*Mass Spectrom Rev* 2006 **25** (6) 838  
Residue analysis of 500 high priority pesticides: Better by GC-MS or LC-MS/MS?

Cozzolino D, Damberg RG, Janik L, Cynkar WU, Gishen M// Australian Wine Research Institute, Waite Road, PO Box 197, Adelaide, Sth Australia 5064, Australia

*J Near Infrared Spectrosc* 2006 **14** (5) 279  
Analysis of grapes and wine by near infrared spectroscopy

Danaher M, Howells LC, Crooks SRH, Cerkenik-Flajs V, O'Keefe M// Teagasc, Ashtown Food Res Ctr, Dublin 15, Rep Ireland  
*J Chromatogr B* 2006 **844** (2) 175

Review of methodology for the determination of macrocyclic lactone residues in biological matrices

Niessen WMA, Manini P, Andreoli R// Hyphen MassSpec Consultancy, De Wetstr 8, NL-2332 XT Leiden, The Netherlands  
*Mass Spectrom Rev* 2006 **25** (6) 881

Matrix effects in quantitative pesticide analysis using liquid chromatography-mass spectrometry

Scott SM, James D, Ali Z// \*Univ Teeside, Sch Sci & Technol, Dept Appl Sci, Middlesborough TS1 3BA, England  
*Microchim Acta* 2006 **156** (3-4) 183

Data analysis for electronic nose systems

Zollner P, Mayer-Helm B// Bayercropscience GmbH, Prod Technol, Industriepark Höchst, G836, DE-65926 Frankfurt, Germany  
*J Chromatogr A* 2006 **1136** (2) 123

Trace mycotoxin analysis in complex biological and food matrices by liquid chromatography-atmospheric pressure ionisation mass spectrometry

### 2. General

Micklander E, Kjeldahl K, Egebo M, Norgaard L// AgResearch Ltd, Ruakura MIRINZ Ctr, East St, Private Bag 3123, Hamilton, New Zealand  
*J Near Infrared Spectrosc* 2006 **14** (6) 395

Multi-product calibration models of near infrared spectra of foods

Pierna JAF, Baeten V, Dardenne P// Walloon Agricultural Research Centre, Quality Agricultural Product Dept, Chaussee Namur 24, BE-5030 Gembloux, Belgium

*Chemometr Intell Lab Syst* 2006 **84** (1-2) 114

Screening of compound feeds using NIR hyperspectral data

### 3. Amino acids, proteins & enzymes

Bianchi L, Casoli C, Onofri A, Pauselli M, Terzano GM, Duranti E// Univ Perugia, Dept BVBAZ, IT-06100 Perugia, Italy  
*Milchwissenschaft* 2006 **61** (4) 434

Effect of the chromogenic substrate on the colorimetric determination of plasmin and plasminogen in milk

Carbonaro M// Ist Nazl Ricerca Alimenti & Nutr, Via Ardeatina 546, IT-00178 Rome, Italy

*Amino Acids* 2006 **31** (4) 485

Application of two-dimensional electrophoresis for monitoring gastrointestinal digestion of milk

Delaplace P, Van der Wal F, Dierick JF, Cordewener JHG, Fauconnier ML, Du Jardin P, America AHR// Gembloux Agr Univ, Plant Biol Unit, Ave Fac Agron 2A, BE-5030 Gembloux, Belgium

*Proteomics* 2006 **6** (24) 6494

Potato tuber proteomics: Comparison of two complementary extraction methods designed for 2-DE of acidic proteins

Lopez LB, Greco CB, De Ferrer PR, Valencia ME// Universidad Buenos Aires, Facultad Farm & Bioquímica, Ctr Bromatol, AR-1113 Buenos Aires, DF, Argentina

*Arch Latinoamer Nutr* 2006 **56** (3) 282

Identification of extrinsic proteins in boneless cooked ham by SDS-PAGE: Detection level in model systems (Spanish, English Abstract)

Miquel E, Alegria A, Barbera R, Farre R// \*Univ Valencia, Fac Pharm, Av Vicent Andres Estelles s/n, ES-46100 Burjassot, Spain

*Food Sci Technol Int* 2006 **12** (6) 531

Identification of novel phosphopeptides after simulated digestion of  $\alpha_2$ -casein by tandem mass spectrometry

Naem R, Ahmed I, Asghar R, Mirza B// Quaid i Azam Univ, Dept Biochem, Islamabad, Pakistan

*Cereal Res Commun* 2006 **34** (4) 1247

Characterization of *Hordeum vulgare* accessions of Pakistan by hordein SDS-PAGE

Ozdemir D// Izmir Institute Technol, Fac Sci, Dept Chem, TR-34530 Izmir, Turkey

*Int J Food Sci & Technol* 2006 **41** (Suppl 2) 12

Genetic multivariate calibration for near infrared spectroscopic determination of protein, moisture, dry mass, hardness and other residues of wheat

Tonning E, Norgaard L, Engelsen SB, Pedersen L, Esbensen KH// Royal Vet & Agr Univ, Dept Food Sci, Ctr Adv Food Studies, Rolighedsvvej 30, DK-1958 Frederiksberg C, Denmark

*Chemometr Intell Lab Syst* 2006 **84** (1-2) 142

Protein heterogeneity in wheat lots using single-seed NIT - A Theory of Sampling (TOS) breakdown of all sampling and analytical errors

### 4. Carbohydrates

Colinas C, Barrera I, Blanco CA// \*Univ Valladolid, ETS Ingn Agrarias, Dept Ingn Agr & Forestal, Area Tecnol Alimentos, Avda Madrid 44, ES-3407 Palencia, Spain

*J AOAC Int* 2006 **89** (6) 1581

A novel correlation for rapid lactose determination in milk by a cryoscopic technique

Orak HH// Thrace Univ, Tekirdag Fac Agric, Vocational Coll Tekirdag, Food Technol Dept, Tekirdag, Turkey

*Cereal Res Commun* 2006 **34** (4) 1261

Determination of starch and maltose content in some hybrid maize varieties by using HPLC

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.

## 5. Lipids

Bartke N, Fischbeck A, Humpf HU\*// \*Univ Munster, Inst Lebensmittelchem, Corrensstr 45, DE-48149 Munster, Germany  
*Mol Nutr Food Res* 2006 **50** (12) 1201

Analysis of sphingolipids in potatoes (*Solanum tuberosum* L.) and sweet potatoes (*Ipomoea batatas* (L.) Lam.) by reversed phase high-performance liquid chromatography electrospray ionization tandem mass spectrometry (HPLC-ESI-MS/MS)

Jiang X, Ory DS, Han X\*// \*Washington Univ Sch Med, Div Bioorganic Chem & Mol Pharmacol, Box 8020, 660 Sth Euclid Ave, St Louis, Mo 63110, USA  
*Rapid Commun Mass Spectrom* 2007 **21** (2) 141

Characterization of oxysterols by electrospray ionization tandem mass spectrometry after one-step derivatization with dimethylglycine

Kadam M, Bhowmick DN\*// \*Univ Mumbai-UICT, Oils Oleochem & Surfactants Div, IN-400019 Mumbai, India  
*J Food Lipids* 2006 **13** (4) 354

HPLC analysis of rice bran oil

Kaddour AA, Grand E, Barouh N, Barea B, Villeneuve P\*, Cuq B// \*UMR IATE, Equipe Lipotechnie, CIRAD, TA 40/16, 73 rue Jean Francois Breton, FR-34398 Montpellier 5, France  
*Eur J Lipid Sci Technol* 2006 **108** (12) 1037

Near-infrared spectroscopy for the determination of lipid oxidation in cereal food products

Mochida Y, Nakamura S// Kanagawa Univ, Dept Material Life Chem, Yokohama, Japan  
*J Mass Spectrom Soc Jpn* 2006 **54** (6) 235

Determination of total hydroperoxides in oxidized vegetable oils based on triphenylphosphine oxidation using electron ionization mass spectrometry (Japanese, English Abstract)

Pernet F, Pelletier CJ, Milley J// Inst Rech Zones Cotieres, 232B rue Eglise, Shippegan, New Brunswick, Canada E8S 1J2  
*J Chromatogr A* 2006 **1137** (2) 127

Comparison of three solid-phase extraction methods for fatty acid analysis of lipid fractions in tissues of marine bivalves

Riddle LA, Guiochon G\*// \*Univ Tennessee, Dept Chem, Knoxville, Tn 37996, USA  
*J Chromatogr A* 2006 **1137** (2) 173

Separation of free sterols by high temperature liquid chromatography

Roberts CA, Ren C, Beuselinck PR, Benedict HR, Bilyeu K// Univ Missouri, Div Plant Sci, Columbia, Md 65211, USA  
*Appl Spectrosc* 2006 **60** (11) 1328

Fatty acid profiling of soybean cotyledons by near-infrared spectroscopy

Shi Y, Zhang JH, Shi D, Jiang M, Zhu YX, Mei SR, Zhou YK, Dai K, Lu B\*// \*Huazhong Univ Sci & Technol, Tongji Med Coll, Sch Publ Hlth, CN-430030 Wuhan, Hubei, Peoples Rep China  
*J Pharm Biomed Anal* 2006 **42** (5) 549

Selective solid-phase extraction of cholesterol using molecularly imprinted polymers and its application in different biological samples

Zahardis J, LaFranchi BW, Petrucci GA\*// \*Univ Vermont, Dept Chem, Burlington, Vt 05405, USA  
*Eur J Lipid Sci Technol* 2006 **108** (11) 925

Photoelectron resonance capture ionization mass spectrometry of fatty acids in olive oil

## 6. Vitamins & co-factors

Baranska M, Schutz W, Schulz H\*// \*Fed Ctr Breeding Res Cultivated Plants, Inst Plant Anal, Erwin Baur Str 27, DE-06484 Quedlinburg, Germany  
*Anal Chem* 2006 **78** (24) 8456

Determination of lycopene and  $\beta$ -carotene content in tomato fruits and related products: Comparison of FT-Raman, ATR-IR, and NIR spectroscopy

Carabias-Martinez R, Rodriguez-Gonzalo E\*, Smith NW, Ruano-Miguel L// \*Univ Salamanca, Fac Ciencias Quim, Dept Quim Anal Nutr & Bromatol, Plaza Merced s/n, ES-37008 Salamanca, Spain  
*Electrophoresis* 2006 **27** (22) 4423

Use of a polar-embedded stationary phase for the separation of tocopherols by CEC

Crevillen AG, Blasco AJ, Gonzalez MC, Escarpa A\*// \*Univ Alcala de Henares, Dept Quim Anal & Ingn Quim, ES-28871 Alcala de Henares, Spain  
*Electrophoresis* 2006 **27** (24) 5110

A fast and reliable route integrating calibration and analysis protocols for water-soluble vitamin determination on microchip-electrochemistry platforms

Davey MW, Keulemans J, Swennen R// Katholieke Univ Leuven, Div Crop Bioeth, Lab Fruit Breeding & Biotechnol, Croylan 42, Louvain, Belgium  
*J Chromatogr A* 2006 **1136** (2) 176

Methods for the efficacy quantification of fruit provitamin A contents

Delgado-Zamarreno MM, Bustamante-Rangel M, Garcia-Jimenez M, Sanchez-Perez A, Carabias-Martinez R// Univ Salamanca, Dept Quim Anal Nutr & Bromatol, ES-37008 Salamanca, Spain  
*Talanta* 2006 **70** (5) 1094

Off-line coupling of pressurized liquid extraction and LC/ED for the determination of retinyl acetate and tocopherols in infant formulas

Hall AJ, Quaglia M, Manesiotis P, De Lorenzi E, Sellergren B\*// \*Univ Dortmund, Inst Umweltforschung, Otto Hahn Str 6, DE-44221 Dortmund, Germany  
*Anal Chem* 2006 **78** (24) 8362

Polymeric receptors for the recognition of folic acid and related compounds via substructure imprinting

Phillips KM, Ruggio DM, Ashraf-Khorassani M, Haytowitz DB// Virginia Polytech Inst & State Univ, Dept Biochem, Blacksburg, Va 24061, USA  
*J Agric Food Chem* 2006 **54** (26) 9998

Difference in folate content of green and red sweet peppers (*Capsicum annuum*) determined by liquid chromatography-mass spectrometry

Poo-Prieto R, Haytowitz DB, Holden JM, Rogers G, Choumenkovitch SF, Jacques PF, Selhub J\*// \*Tufts Univ, Vit Metab Lab, Boston, Ma 02111, USA  
*J Nutr* 2006 **136** (12) 3079

Use of the affinity/HPLC method for the quantitative estimation of folic acid in enriched cereal-grain products

Tang PH, Miles MV, Steele P, Davidson BS, Geraghty SR, Morrow AL// Univ Cincinnati Med Ctr, Cincinnati Childrens Hosp, Coll Med, Dept Pathol, Div Pathol Lab Med, Cincinnati, Oh 45229, USA  
*Biomed Chromatogr* 2006 **20** (12) 1336

Determination of coenzyme Q10 in human breast milk high-performance liquid chromatography

Thompson LB, Schmitz DJ, Pan SJ\*// \*Abbott Labs, Ross Prod Div, 3300 Stelzer Rd, Columbus, Oh 43215, USA  
*J AOAC Int* 2006 **89** (6) 1515

Determination of biotin by high-performance liquid chromatography in infant formula, medical nutritional products, and vitamin premixes

Determination of biotin by high-performance liquid chromatography in infant formula, medical nutritional products, and vitamin premixes

## 7. Trace elements & minerals

Banica FG, Kafar B, Skrzypek S, Ciesielski W// Norwegian Univ Sci & Technol, NTNU, Dept Chem, NO-7491 Trondheim, Norway  
*Electroanalysis* 2006 **18** (22) 2269

Selenomethionine-catalyzed nickel ion reduction at a mercury electrode: Applications in the analysis of nutritional supplements

Bocca B, Forte G, Ronchi A, Gaggeri R, Alimonti A, Minoia C\*// \*S Maugeri Fdn, Lab Environm & Toxicol Testing, Pavia, Italy  
*Rapid Commun Mass Spectrom* 2006 **20** (22) 3289

Nickel quantification in serum by a validated sector-field inductively coupled plasma mass spectrometry method: Assessment of tentative reference values for an Italian population

Catarino S, Curvelo-Garcia AS, De Sousa RB// INIAP, Estacao Vitivinicola Nacl, PT-2565-191 Dois Portos, Portugal  
*Talanta* 2006 **70** (5) 1073

Measurements of contaminant elements of wines by inductively coupled plasma-mass spectrometry: A comparison of two calibration approaches

Correia L, Soares ME, Bastos MD\*// \*Univ Porto, Fac Pharm, REQUIMTE/ Toxicol Dept, R Anibal Cunha 164, PT-4050-047 Oporto, Portugal  
*J Agric Food Chem* 2006 **54** (25) 9312

Validation of an electrothermal atomization atomic absorption spectrometry method for the determination of aluminium, copper, and lead in grapes

Hansen HR, Pergantis SA// Univ Crete, Dept Chem, Environm Chem Proc Lab, GR-71003 Iraklion, Crete, Greece  
*J Anal Atom Spectrom* 2006 **21** (11) 1240

Investigating the formation of an Sb(V)-citrate complex by HPLC-ICP-MS and HPLC-ES-MS(MS)

Heitland P, Koster HD// Med Lab Bremen, Haferwende 12, DE-28357 Bremen, Germany  
*J Trace Elem Med Biol* 2006 **20** (4) 253

Biomonitoring of 37 trace elements in blood samples from inhabitants of north-east Germany by ICP-MS

Michalski R// Polish Acad Sci, Inst Environm Engn, 34 Sklodowska Curie Str, PL-41819 Zabrze, Poland  
*J Food Qual* 2006 **29** (6) 607

Simultaneous determination of common inorganic anions in black and herbal tea by suppressed ion chromatography

Milman N, Laursen J, Byg KE, Pedersen HS, Mulvad G// Univ Copenhagen, Rigshospitalet, Dept Med, Blegdamsvej 9, DK-2100 Copenhagen O, Denmark  
*J Trace Elem Med Biol* 2006 **20** (4) 227

Rubidium content in autopsy liver tissue samples from Greenlandic Inuit and Danes measured by X-ray fluorescence spectrometry

- Ninh TD, Nagashima Y, Shiomi K// \*Tokyo University Marine Science & Technology, Dept Food Sci & Technol, Konan 4, Minato ku, Tokyo 108 8477, Japan  
*Food Addit Contam* 2006 **23** (12) 1299
- Quantification of seven arsenic compounds in seafood products by liquid chromatography/electrospray ionization-single quadrupole mass spectrometry (LC/ESI-MS)
- Pinto FG, Rey UV, Fernandes EF, Silveira JN, Amorim L, Da Silva JBB// \*Univ Fed Minas Gerais, Dept Quim, Ave Antonio Carlos 6627, BR-31270-901 Belo Horizonte, MG, Brazil  
*Anal Sci* 2006 **22** (12) 1605
- Determination of manganese in urine and whole blood samples by electrothermal atomic absorption spectrometry: Comparison of chemical modifiers
- Prusisz B, Jaskiewicz L, Pohl P// Wroclaw Tech Univ, Fac Chem, Wyrzeze Wyspianskiego 27, PL-50370 Wroclaw, Poland  
*Microchim Acta* 2006 **156** (3-4) 219
- High-performance ion chromatography assessment of inorganic and organic nitrogen fractions in potatoes
- Rojas FS, Ojeda CB, Pavon JMC// Univ Malaga, Fac Sci, Dept Anal Chem, ES-29071 Malaga, Spain  
*Talanta* 2006 **70** (5) 979
- Automated on-line separation preconcentration system for palladium determination by graphite furnace atomic absorption spectrometry and its application to palladium determination in environmental and food samples
- Serra F, Janeiro A, Calderone G, Rojas JMM, Rhodes C, Gonthier LA, Martin F, Lees M, Mosandl A, Sewenig S, Hener U, Henriques B, Ramalho L, Reniero F, Teixeira AJ, Guillou C// Eur Commission, Joint Research Centre, Inst Hlth & Consumer Prot, Phys & Chem Exposure Unit, BEVABS, IT-21020 Ispra, VA, Italy  
*J Mass Spectrom* 2007 **42** (3) 361
- Inter-laboratory comparison of elemental analysis and gas chromatography combustion isotope ratio mass spectrometry (GC-C-IRMS). Part 1:  $\delta^{13}\text{C}$  measurements of selected compounds for the development of an isotopic Grob-test
- Yang CH, Lu Q, Hu SS// \*Wuhan Univ, Coll Chem & Mol Sci, CN-430072 Wuhan, Peoples Rep China  
*Electroanalysis* 2006 **18** (22) 2188
- A novel nitrite amperometric sensor and its application in food analysis
- ## 8. Drug, biocide & processing residues
- Amvrazi EG, Albanis TA// \*Univ Ioannina, Dept Chem, Lab Ind Chem, GR-45110 Ioannina, Greece  
*J Agric Food Chem* 2006 **54** (26) 9642
- Multiresidue method for determination of 35 pesticides in virgin olive oil by using liquid-liquid extraction techniques coupled with solid-phase extraction clean up and gas chromatography with nitrogen phosphorus detection and electron capture detection
- Bailac S, Barron D\*, Barbosa J// \*Univ Barcelona, Dept Anal Chem, Avda Diagonal 647, ES-08028 Barcelona, Spain  
*Anal Chim Acta* 2006 **580** (2) 163
- New extraction procedure to improve the determination of quinolones in poultry muscle by liquid chromatography with ultraviolet and mass spectrometric detection
- Carabias-Martinez R, Rodriguez-Gonzalo E, Revilla-Ruiz P// Univ Salamanca, Fac Ciencias Quim, Dept Quim Analit Nutr & Bromatol, Plaza Merced s/n, ES-37008 Salamanca, Spain  
*J Chromatogr A* 2006 **1137** (2) 207
- Determination of endocrine-disrupting compounds in cereals by pressurized liquid extraction and liquid chromatography-mass spectrometry - Study of background contamination
- Cariou R, Antignac JP\*, Debrauwer L, Maume D, Monteau F, Zalko D, Le Bizec B, Andre F// \*Ecole Natl Vet Nantes, LABERCA, Unite Sous Contrat INRA, BP 50707, FR-44307 Nantes 3, France  
*J Chromatogr Sci* 2006 **44** (8) 489
- Comparison of analytical strategies for the chromatographic and mass spectrometric measurement of brominated flame retardants: 1. Polybrominated diphenyl-ethers
- Cho YA, Shim JY, Lee YT, Lee HS// \*Kyungpook Natl Univ, Dept Food Sci & Nutr, Gyeongsan 702 701, Gyeongbuk, South Korea  
*Food Sci Biotechnol* 2006 **15** (6) 990
- A dipstick-type enzyme-linked immunosorbent assay for the detection of the insecticide fenitrothion in food samples
- De la Calle MB, Szilagyi S// European Commiss, Inst Reference Mat & Measurements, Directorate Gen Joint Res Ctr, BE-2440 Geel, Belgium  
*J AOAC Int* 2006 **89** (6) 1664
- Determination of semicarbazide in fresh egg and whole egg powder by liquid chromatography/tandem mass spectrometry: Interlaboratory validation study
- Ferrer I, Fernandez-Alba A, Zweigenbaum JA, Thurman EM// \*Univ Almeria, Dept Anal Chem, Pesticide Residue Res Grp, ES-04120 Almeria, Spain  
*Rapid Commun Mass Spectrom* 2006 **20** (24) 3659
- Exact-mass library for pesticides using a molecular-feature database
- Fukushima K// Kumamoto Prefectural Inst Publ Hlth & Environm Sci, 1240-1 Kurisaki machi, Kumamoto 869 0425, Japan  
*J Food Hyg Soc Jpn* 2006 **47** (6) J349
- Use of pesticide analysis in food with emphasis on supercritical fluid extraction (SFE) (Japanese, English Abstract)
- Horie M, Takegami H// Saitama Prefectural Inst Public Hlth, Saitama, Japan  
*J Mass Spectrom Soc Jpn* 2006 **54** (3) 91
- Legal restriction on veterinary drug residues and analysis of residual veterinary drug in food by LC/MS (Japanese, English Abstract)
- Horiuchi T, Minetomatsu K, Mizuno Y, Sekiya T, Hamamoto K// Minist Agr Forestry & Fisheries, Natl Vet Assay Lab, 1-15-11 Tokura, Kokubunji, Tokyo 185 18511, Japan  
*J Food Hyg Soc Jpn* 2006 **47** (6) 258
- Residue analysis of metoclopramide in bovine and swine tissues by HPLC and administration experiment (Japanese, English Abstract)
- Hu JY, Li JZ// Chinese Acad Sci, Ecoenviron Sci Res Ctr, POB 934, Beijing, Peoples Rep China  
*J AOAC Int* 2006 **89** (6) 1635
- Determination of forchlorfenuron residues in watermelon by solid-phase extraction and high-performance liquid chromatography
- Huang JF, Zhang HJ, Feng YQ// \*Wuhan Univ, Dept Chem, CN-430072 Wuhan, Peoples Rep China  
*J Agric Food Chem* 2006 **54** (25) 9279
- Chloramphenicol extraction from honey, milk, and eggs using polymer monolith microextraction followed by liquid chromatography-mass spectrometry determination
- Huo TM, Peng CF, Chu XG, Xu CL// Yancheng Friend Biotechnol Corp, CN-22100 Yancheng, Peoples Rep China  
*J Fluoresc* 2006 **16** (6) 743
- Rapid determination of time-resolved fluoroimmunoassay for medroxyprogesterone acetate residues in pork tissues and comparison with liquid chromatography and tandem mass spectrometry
- Huo TM, Peng CF, Xu CL\*, Liu LQ// \*Sthn Yangtze Univ, Sch Food Sci & Technol, CN-214036 Wuxi, Jiangsu, Peoples Rep China  
*Food Agric Immunol* 2006 **17** (3-4) 183
- Development of colloidal gold-based immunochromatographic assay for the rapid detection of medroxyprogesterone acetate residues
- Ishii R, Horie M, Murayama M, Maitani T// Natl Inst Hlth Sci, Setagaya ku, Tokyo 158 8501, Japan  
*J Food Hyg Soc Jpn* 2006 **47** (6) 277
- Analysis of tetracyclines in honey and royal jelly by LC/MS/MS (Japanese, English Abstract)
- Jeong ML, Zahn M, Trinh T, Jia Q, Ma WW// Unigen Pharmaceuticals Inc, 2660 Willamette Dr NE, Lacey, Wa 98516, USA  
*J AOAC Int* 2006 **89** (6) 1475
- Headspace gas chromatography-flame ionization detector method for organic solvent residue analysis in dietary supplements
- Kapp T, Vetter W// \*Univ Hohenheim, Inst Food Chem, Garbenstr 28, DE-70599 Stuttgart, Germany  
*Anal Chem* 2006 **78** (23) 8156
- Structure elucidation of an artifact discharging from rubber-based vial closures by means of gas chromatography/tandem mass spectrometry
- Kaufmann A, Butcher P// Kantonales Labor Zurich, CH-8032 Zurich, Switzerland  
*Rapid Commun Mass Spectrom* 2006 **20** (23) 3566
- Strategies to avoid false negative findings in residue analysis using liquid chromatography coupled to time-of-flight mass spectrometry
- Kim S, Chung HS, Ha JY, Jung WC, Heo SH, Lee HJ// \*900 Gajwa dong, Chinju 660 701, South Korea  
*J Vet Med Sci* 2006 **68** (11) 1243
- Application of a solid-phase fluorescence immunoassay to determine oxytetracycline and tetracycline residues in tissue of olive flounder (*Paralichthys olivaceus*)
- Li XQ, Hu YM, Huo TM, Xu CL// \*Sthn Yangtze Univ, Sch Food Sci & Technol, CN-214036 Wuxi, Jiangsu, Peoples Rep China  
*Food Agric Immunol* 2006 **17** (3-4) 191
- Comparison of the determination of chloramphenicol residues in aquaculture tissues by time-resolved fluoroimmunoassay and with liquid chromatography and tandem mass spectrometry
- Lomillo MAA, Del Campo FJ, Pascual FJM// CSIC, IMB-CNM, Campus Univ Autonoma Barcelona, ES-08193 Barcelona, Spain  
*Electroanalysis* 2006 **18** (24) 2435
- Preliminary contribution to the quantification of HMF in honey by electrochemical biosensor chips

- Meinerling M, Daniels M// IBACON GmbH, Arheilger Weg 17, DE-64380 Rossdorf, Germany  
*Anal Bioanal Chem* 2006 **386** (5) 1465  
A validated method for the determination of traces of UV filters in fish using LC-MS/MS
- Mizuno Y, Horiuchi T, Sekiya T, Tazima N, Maeda M, Hamamoto K\*// \*Minist Agr Forestry & Fisheries, Natl Vet Assay Lab, 1-15-1 Tokura, Kokubunji, Tokyo 185 8511, Japan  
*J Food Hyg Soc Jpn* 2006 **47** (6) 293  
Determination of glycarbylamide residues in chicken tissues by HPLC with post-column reaction (Japanese, English Abstract)
- Oh CH// Semyung Univ, Dept Oriental Med Food & Nutr, Jecheon 390 711, Chungbuk, South Korea  
*Food Sci Biotechnol* 2006 **15** (6) 959  
Applicability of using GC-PDD (pulsed discharge detector) for multiresidual pesticides analysis
- Raml R, Goessler W, Francesconi KA\*// \*Karl Franzens Univ Graz, Inst Chem Anal Chem, Universitätspl 1, AT-8010 Graz, Austria  
*J Chromatogr A* 2006 **1128** (1-2) 164  
Improved chromatographic separation of thio-arsenic compounds by reversed-phase high performance liquid chromatography-inductively coupled plasma mass spectrometry
- Rodriguez-Diaz RC, Fernandez-Romero JM, Aguilar-Caballeros MP, Gomez-Hens A\*// \*Univ Cordoba, Dept Anal Chem, Marie Curie Annex Bldg, Campus Rabanales, ES-14071 Cordoba, Spain  
*J Agric Food Chem* 2006 **54** (26) 9670  
Determination of fluoroquinolones in milk samples by postcolumn derivatization liquid chromatography with luminescence detection
- Salvador IM, Frenich AG\*, Gonzalez FJE, Vidal JLM// \*Univ Almeria, Dept Anal Chem, ES-04071 Almeria, Spain  
*Chromatographia* 2006 **64** (11-12) 667  
Determination of organophosphorus pesticides in vegetables by GC with pulsed flame-photometric detection and confirmation by MS
- Savchuk SA, Nuzhnyi VP, Kolesov GM// Russian Academy Sciences, Vernadsky Institute Geochemistry & Anal Chem, ul Kosygina 19, RU-119991 Moscow, Russia  
*J Anal Chem Engl Tr* 2006 **61** (12) 1198  
Factors affecting the accuracy of the determination of diethyl phthalate in vodka, ethanol, and samples of illegal alcoholic products
- Serrano JM, Silva M\*// \*Univ Cordoba, Dept Anal Chem, Marie Curie Bldg Annex, Rabanales Campus, ES-14071 Cordoba, Spain  
*Electrophoresis* 2006 **27** (23) 4703  
Trace analysis of aminoglycoside antibiotics in bovine milk by MEKC with LIF detection
- Soares C, Cunha S, Fernandes J// Fac Pharm Porto, REQUIMTE, Rua Anibal Cunha 164, PT-4050-047 Oporto, Portugal  
*Food Addit Contam* 2006 **23** (12) 1276  
Determination of acrylamide in coffee and coffee products by GC-MS using an improved SPE clean-up
- Sun XY, Chen H, Gao H, Guo XQ\*// \*Xiamen University, Coll Chem & Chem Engn, Dept Chem, MoE Key Lab Anal Sci, CN-361005 Xiamen, Peoples Rep China  
*J Agric Food Chem* 2006 **54** (26) 9687  
Screening of tetracycline residues in fish muscles by CCD camera-based solid surface fluorescence
- Tauber R, Gillan N, Crouch L, Greenhalgh R\*// \*ETL/Xenos Labs, 13-210 Colonnade Rd, Nepean, Ontario, Canada K2E 7L5  
*J AOAC Int* 2006 **89** (6) 1672  
Liquid chromatography/fluorescence method for emamectin B1a and desmethyl-amino-emamectin B1a residues in lobster tissue
- Turnipseed SB, Clark SB, Andersen WC, Karbiwnyk CM, Miller KE, Hurlbut JA// US/FDA, Anim Drugs Res Ctr, Denver Fed Ctr, POB 25087, Lakewood, Co 80225, USA  
*J Chromatogr B* 2006 **844** (1) 127  
Confirmation of diminazene diaceturate in bovine plasma using electrospray liquid chromatography-mass spectrometry
- Ueno E, Oshima H, Matsumoto H, Saito I, Tamura H// Aichi Prefectural Inst Publ Hlth, Kita ku, Nagoya, Aichi 462 8576, Japan  
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