



Bibliography of analytical, nutritional and clinical methods

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

1. Books, reviews & symposia

Arnault I, Auger J*// *Univ Tours, IRBI, UMR CNRS 6035, Parc Grandmont, FR-37200 Tours, France

J Chromatogr A 2006 **1112** (1–2) 23

Seleno-compounds in garlic and onion

De Rijke E, Out P, Niessen WMA, Ariese F, Gooijer C, Brinkman UAT// Quest Int, Dept Anal Res & Dev, Huizerstraatweg 28, NL-1411 GP Naarden, The Netherlands

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Analytical separation and detection methods for flavonoids

Kotretsou SI, Koutsodimou A// Tech Educ Inst Athens, Dept Food Technol, Iokastis 49, GR-10444 Athens, Greece

Food Rev Int 2006 **22** (2) 125

Overview of the applications of tandem mass spectrometry (MS/MS) in food analysis of nutritionally harmful compounds

Lanzotti V// Univ Molise, Dipt Sci & Tecnol Agroalimentari Ambientari & Microbiol, Via F de Sanctis, IT-86100 Campobasso, Italy

J Chromatogr A 2006 **1112** (1–2) 3

The analysis of onion and garlic

3. Amino acids, proteins & enzymes

Olias R, Maldonado B, Radreau P, Le Gall G, Mulholland F, Colquhoun JJ, Kemsley EK*// *Food Res Inst, Norwich Res Pk, Norwich NR4 7UA, England

Electrophoresis 2006 **27** (7) 1288

Sodium dodecyl sulphate-polyacrylamide gel electrophoresis of proteins in dry-cured hams: Data registration and multivariate analysis across multiple gels

Rawel HM, Rohn S, Kroll J, Schweigert FJ// Univ Potsdam, Inst Nutr Sci, DE-14469 Potsdam, Germany

Mol Nutr Food Res 2005 **49** (12) 1104

Surface enhanced laser desorption/ionization-time of flight-mass spectrometry analysis in complex food and biological systems

Ruebelt MC, Leimgruber NK, Lipp M, Reynolds TL, Nemeth MA, Astwood JD, Engel KH, Jany KD// Monsanto Co, Prod Safety Ctr, 800 Nth Lindbergh Blvd, St Louis, Mo 63167, USA

J Agric Food Chem 2006 **54** (6) 2154

Application of two-dimensional gel electrophoresis to interrogate alterations in the proteome of genetically modified crops. 1. Assessing analytical validation

Ruebelt MC, Lipp M, Reynolds TL, Astwood JD, Engel KH, Jany KD// Address as above

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Tate D, Reynolds AG*// *Brock Univ, Cool Climate Oenol & Viticulture Inst, St Catharines, Ontario, Canada L2S 3A1

Am J Enol Viticult 2006 **57** (1) 60

Validation of a rapid method for measuring β -glucosidase activity in fermenting muscat grape musts

Thawornchinsombut S, Park JW*, Meng GT, Li-Chan ECY// *Oregon State Univ, Seafood Lab, 2001 Marine Dr, Ste 253, Astoria, Or 97103, USA

J Agric Food Chem 2006 **54** (6) 2178

Raman spectroscopy determines structural changes associated with gelation properties of fish proteins recovered at alkaline pH

4. Carbohydrates

Chlup R, Jelenova D, Kudlova P, Chlupova K, Bartek J, Zapletalova J, Langova K, Chlupova L// Palacky Univ, Fac Med, Inst Physiol, CZ-77520 Olomouc, Czech Republic

Exp Clin Endocrinol Diabetes 2006 **114** (2) 68

Continuous glucose monitoring: a novel approach to the determination of the glycaemic index of foods (DEGIF 1) - Determination of the glycaemic index of foods by means of the CGMS

Esters V, Angenot L, Brandt V, Frederich M, Tits M, Van Nerum C, Wauters JN, Hubert P// Univ Liege, CHU Dept Pharm, Lab Pharmacognosy, B36, Ave Hop 1, BE-4000 Cointe Ougree, Belgium

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Validation of a high-performance thin-layer chromatography/densitometry method for the quantitative determination of glucosamine in a herbal dietary supplement

Philippe S, Robert P, Barron C, Saulnier L, Guillon F*// *INRA, Unite Rech Biopolymers Interact & Assemblages, BP 71627, FR-44316 Nantes, France

J Agric Food Chem 2006 **54** (6) 2303

Deposition of cell wall polysaccharides in wheat endosperm during grain development: Fourier transform-infrared microspectroscopy study

Reiffova K, Nemcova R// Safarik Univ, Fac Nat Sci, Inst Chem Sci, Moyzesova 11, SK-04001 Kosice, Slovakia

J Chromatogr A 2006 **1110** (1–2) 214

Thin-layer chromatography analysis of fructooligosaccharides in biological samples

5. Lipids

Aldai N, Osoro K, Barron LJR, Najera AI// SERIDA, Area Sistemas Prod Anim, Apdo 13, ES-33300 Villaviciosa, Asturias, Spain

J Chromatogr A 2006 **1110** (1–2) 133

Gas-liquid chromatographic method for analysing complex mixtures of fatty acids including conjugated linoleic acids (*cis9trans11* and *trans10cis12* isomers) and long-chain (n-3 or n-6) polyunsaturated fatty acids - Application to the intramuscular fat of beef meat

Cai SS, Syage JA*// *Syagen Technol, 1411 Warner, Tustin, Ca 92780, USA

J Chromatogr A 2006 **1110** (1–2) 15

Atmospheric pressure photoionization mass spectrometry for analysis of fatty acid and acylglycerol lipids

Dugo P, Kumm T, Crupi ML, Cotroneo A, Mondello L*// *Univ Messina, Fac Farm, Dipt Farmaco-chim, Viale Annunziata, IT-98168 Messina, Italy

J Chromatogr A 2006 **1112** (1–2) 269

Comprehensive two-dimensional liquid chromatography combined with mass spectrometric detection in the analysis of triacylglycerols in natural lipidic matrices

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.

Janssen HG, Hrnčirik K, Szoradi A, Leijten M// Unilever Res Labs Vlaardingen, POB 114, NL-3130 AC Vlaardingen, The Netherlands
J Chromatogr A 2006 **1112** (1–2) 141

An improved method for *sn*-2 position analysis of triacylglycerols in edible oils and fats based on immobilised lipase D (*Rhizopus delemanii*)

Liebisch G, Binder M, Schifferer R, Langmann T, Schulz B, Schmitz G// *Univ Regensburg, Inst Clin Chem & Lab Med, Franz Josef Str Allee 11, DE-93042 Regensburg, Germany
Biochim Biophys Acta 2006 **1761** (1) 121

High throughput quantification of cholesterol and cholesteryl ester by electrospray ionization tandem mass spectrometry (ESI-MS/MS)

Mjos SA, Grahl-Nielsen O// Fiskeriforskning, Kjerreidviken 16, NO-5141 Fyllingsdalen, Norway
J Chromatogr A 2006 **1110** (1–2) 171

Prediction of gas chromatographic retention of polyunsaturated fatty acid methyl esters

Zunin P, Salvadeo P, Boggia R, Evangelisti F// Univ Genoa, Dipt Chim & Tecnol Farmaceut & Alimentari, Via Brigata Salerno - Ponte, IT-16147 Genoa, Italy
J AOAC Int 2006 **89** (2) 441

Sterol oxidation in meat- and fish-based homogenized baby foods containing vegetable oils

6. Vitamins & co-factors

Chang LC, Chang HT, Sun SW// *Natl Taiwan Univ, Coll Med, Sch Pharm, 1 Jen Ai Rd Sect 1, Taipei, Taiwan
J Chromatogr A 2006 **1110** (1–2) 227

Cyclodextrin-modified microemulsion electrokinetic chromatography for separation of α -, γ -, δ -tocopherol and α -tocopherol acetate

7. Trace elements & minerals

Casanova JA, Gross LK, McMullen SE, Schenck FJ// *US/FDA, SE Reg Lab, 60 8th St NE, Atlanta, Ga 30309, USA
J AOAC Int 2006 **89** (2) 447

Use of Griess reagent containing vanadium(III) for post-column derivatization and simultaneous determination of nitrite and nitrate in baby food

Chan KC, Yip YC, Chu HS, Sham WC// *Govt Lab Hong Kong Special Adm Reg, 7/F Homantin Govt Off, 88 Chung Hau St, Kowloon, Hong Kong, Peoples Rep China
J AOAC Int 2006 **89** (2) 469

High-throughput determination of seven trace elements in food samples by inductively coupled plasma-mass spectrometry

Dumont E, Ogra Y, Vanhaecke F, Suzuki KT, Cornelis R// Univ Ghent, Dept Anal Chem, Proeftuinst 86, BE-9000 Ghent, Belgium
Anal Bioanal Chem 2006 **384** (5) 1196

Liquid chromatography-mass spectrometry (LC-MS): A powerful combination for selenium speciation in garlic (*Allium sativum*)

Jorhem L, Engman J, Sundstrom B, Nilsson A// Natl Food Adm Toxicol Lab, Box 622, SE-75126 Uppsala, Sweden
Accredit Qual Assur 2006 **10** (12) 647

Evaluation of measurement data for Cd, Cr and Pb in certain uncontaminated foodstuffs published in surveys: Analytical quality vs. uncertainty of measurements

Mendes TMFF, Baccan SN, Cadore S// *Univ Fed Roraima, Dept Quim, Rio Branco, RR, Brazil
J Brazil Chem Soc 2006 **17** (1) 168

Sample treatment procedures for the determination of mineral constituents in honey by inductively coupled plasma optical emission spectrometry

8. Drug, biocide & processing residues

Alcazar A, Jurado JM, Pablos F*, Gonzalez AG, Martin MJ// *Univ Sevilla, Fac Chem, Dept Anal Chem, Prof Garcia Gonzalez 1, ES-41012 Seville, Spain
Microchem J 2006 **82** (1) 22

HPLC determination of 2-furaldehyde and 5-hydroxymethyl-2-furaldehyde in alcoholic beverages

Asea PE, MacNeil JD, Boison JO// *Canadian Food Inspect Agcy, Saskatoon Lab, Ctr Vet Drug Residues, 116 Vet Dr, Saskatoon, Saskatchewan, Canada S7N 2R3
J AOAC Int 2006 **89** (2) 567

An analytical method to screen for six thyrostatic drug residues in the thyroid gland and muscle tissues of food producing animals by liquid chromatography with ultraviolet absorption detection and liquid chromatography/mass spectrometry

Aygun SF, Kabadayi F// Ondokuz Mayıs Univ, Sci & Arts Fac, Dept Chem, TR-55139 Kurupelit, Samsun, Turkey

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Determination of benzo[a]pyrene in charcoal grilled meat samples by HPLC with fluorescence detection

Ballesteros E, Sanchez AG, Martos NR// Univ Jaen, EPS Linares, Dept Phys & Anal Chem, Alfonso X El Sabio 28, ES-23700 Linares, Jaen, Spain
J Chromatogr A 2006 **1111** (1) 89

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Biedermann M, Grob K// *Kantonales Lab, Official Food Control Authority Canton Zurich, CH-8030 Zurich, Switzerland
LWT-Food Sci Technol 2006 **39** (6) 633

Phenolic resins for can coatings: I. Phenol-based resole analysed by GC-MS, GC x GC, NPLC-GC and SEC

Blokland MH, Sterk SS, Stephany RW, Launay FM, Kennedy DG, Van Ginkel LA// National Inst Publ Hlth & Environm, European Union Community Reference Lab Residues, POB 1, NL-3720 BA Bilthoven, The Netherlands
Anal Bioanal Chem 2006 **384** (5) 1221

Determination of resorcylic acid lactones in biological samples by GC-MS. Discrimination between illegal use and contamination with fusarium toxins

Cortes JM, Sanchez R, Diaz-Plaza EM, Villen J, Vazquez A// *Univ Castilla La Mancha, Escuela Univ Magisterio Albacete, Campus Univ s/n, ES-02071 Albacete, Spain
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Large volume GC injection for the analysis of organophosphorus pesticides in vegetables using the through oven transfer adsorption desorption (TOTAD) interface

Degelmann P, Egger S, Jurling H, Muller J, Niessner R, Knopp D// *Univ Munich, Inst Hydrochem & Chem Balneology, Marchionistr 17, DE-81377 Munich, Germany
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Determination of sulfonylurea herbicides in water and food samples using sol-gel glass-based immunoaffinity extraction and liquid chromatography-ultraviolet/diode array detection or liquid chromatography-tandem mass spectrometry

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Alternative methodology for the analysis of progesterone, testosterone, and *epi*-testosterone in bovine liver and veal muscle

Hernandez F, Pozo OJ, Sancho JV, Bijlsma L, Barreda A, Pitarch E// Univ Jaume I, Res Inst Pesticides & Water, Castellon, Spain
J Chromatogr A 2006 **1109** (2) 242

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Horvatovich P, Werner D, Jung S, Miesch M, Delinsee H, Hasselmann C, Marchioni E// *Univ Louis Pasteur, Fac Pharm, UMR 7178, Lab Chim Anal & Sci Aliment, FR-67400 Illkirch Graffenstaden, France
J Agric Food Chem 2006 **54** (6) 1990

Determination of 2-alkylcyclobutanones with electronic impact and chemical ionization gas chromatography/mass spectrometry (GC/MS) in irradiated foods

Hsiung TM, Huang CW// Natl Taiwan Ocean Univ, Inst Biosci & Biotechnol, 2 Pei Ning Rd, Chilung 202, Taiwan
J Agric Food Chem 2006 **54** (7) 2470

Quantitation of toxic arsenic species and arsenobetaine in pacific oysters using an off-line process with hydride generation-atomic absorption spectroscopy

Huang JF, Lin B, Yu QW, Feng YQ// *Wuhan Univ, Dept Chem, CN-430072 Wuhan, Peoples Rep China
Anal Bioanal Chem 2006 **384** (5) 1228

Determination of fluoroquinolones in eggs using in-tube solid-phase microextraction coupled to high-performance liquid chromatography

Klejduš B, Moravcova J, Lojkova L, Vacek J, Kuban V// *Mendel Univ Agr & Forestry, Dept Chem & Biochem, Zemedelska 1, CZ-61300 Brno, Czech Republic
J Sep Sci 2006 **29** (3) 378

Solid-phase extraction of 4(5)-methylimidazole (4MeI) and 2-acetyl-4(5)-(1,2,3,4-tetrahydroxybutyl)-imidazole (THI) from foods and beverages with subsequent liquid chromatographic-electrospray mass spectrometric quantification

Mark J, Pollien P, Lindinger C, Blank I*, Mark T// *Nestle Prod Technol Ctr Orbe, CH-1350 Orbe, Switzerland
J Agric Food Chem 2006 **54** (7) 2786

Quantitation of furan and methylfuran formed in different precursor systems by proton transfer reaction mass spectrometry

- Moreno JLF, Liebanas FJA, Frenich AG*, Vidal JLM// *Univ Almeria, Dept Anal Chem, Res Grp Anal Chem Contaminants, ES-04071 Almeria, Spain
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 Evaluation of different sample treatments for determining pesticide residues in fat vegetable matrices like avocado by low-pressure gas chromatography-tandem mass spectrometry
- Mottier P, Hure I, Gremaud E, Guy PA// Nestec Ltd, Nestle Res Ctr, Vers-chez-les-Blanc, CH-1000 Lausanne 26, Switzerland
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- Quon DG, Carson MC*, Nochetto C, Heller DN, Butterworth F// *US/FDA, Ctr Vet Med, Res Off, 8401 Muirkirk Rd, Laurel, Md 20708, USA
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- Seyfferth AL, Parker DR*// *Univ Calif Riverside, Dept Environm Sci, Riverside, Ca 92521, USA
J Agric Food Chem 2006 **54** (6) 2012
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- Situ C, Grutters E, Van Wichen P, Elliott CT// Queens Univ Belfast, Dept Vet Sci, Belfast BT4 3SD, Northern Ireland
Anal Chim Acta 2006 **561** (1-2) 62
 A collaborative trial to evaluate the performance of a multi-antibiotic enzyme-linked immunosorbent assay for screening five banned antimicrobial growth promoters in animal feedstuffs
- Soler C, Manes J, Pico Y*// *Univ Valencia, Fac Farm, Lab Bromatol & Toxicol, ES-46100 Valencia, Spain
J Chromatogr A 2006 **1109** (2) 228
 Determination of carboxysulfonamide and its metabolites in oranges by liquid chromatography ion-trap triple-stage mass spectrometry
- Tong L, Ma XD, Li CJ*// *China Agr Univ, Dept Appl Chem, CN-100094 Beijing, Peoples Rep China
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 Application of gas chromatography-tandem mass spectrometry (GC-MS-MS) with pulsed splitless injection for the determination of multiclass pesticides in vegetables
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 Development of multianalysis flow-through and lateral-flow assays using gold particles and horseradish peroxidase as tracers for the rapid determination of carbaryl and endosulfan in agricultural products
- Zhang SX, Zhou JH, Shen JZ*, Dnc SY, Li JC// *China Agr Univ, Coll Vet Med, Dept Pharmacol & Toxicol, CN-100094 Beijing, Peoples Rep China
J AOAC Int 2006 **89** (2) 369
 Determination of chloramphenicol residue in chicken tissues by immunoaffinity chromatography cleanup and gas chromatography with a microcell electron capture detector

9. Toxins/Allergens

- Bircan C// Adnan Menderes Univ, Fac Agr, Dept Food Engn, Aydin, Turkey
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 Determination of aflatoxin contamination in olives by immunoaffinity column using high-performance liquid chromatography
- Johansson AS, Whitaker TB*, Hagler WM, Bowman DT, Slate AB, Payne G// *Nth Carolina State Univ, USDA/ARS, CB 7625, Raleigh, NC 27529, USA
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- Lino CM, Silva LJG, Pena ALS, Silveira MI// Univ Coimbra, Fac Pharm, Grp Bromatol - CEF, PT-3000-295 Coimbra, Portugal
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 Determination of fumonisins B₁ and B₂ in Portuguese maize and maize-based samples by HPLC with fluorescence detection

- Ngundi MM, Qadri SA, Wallace EV, Moore MH, Lassman ME, Shriver-Lake LC, Ligler FS, Taitt CR*// *Naval Res Lab, Ctr Biomol Sci & Engn, Washington, DC 20375, USA
Environ Sci Technol 2006 **40** (7) 2352
 Detection of deoxynivalenol in foods and indoor air using an array biosensor
- Reinhard H, Rupp H, Sager F, Streule M, Zoller O// Swiss Fed Off Publ Hlth, Div Food Sci, CH-3003 Bern, Switzerland
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- Ruiz-Jimenez J, Luque de Castro MD*// *Univ Cordoba, Dept Anal Chem, Annex Marie Curie Bldg, Campus Rabanales, ES-14071 Cordoba, Spain
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 Influence of experimental parameters on the fluorescence response and recovery of the high-performance liquid chromatography analysis of fumonisin B₁
- Van Hengel AJ, Capelletti C, Brohee M, Anklam E// Eur Commiss, Inst Reference Mat & Measurements, Directorate Gen Joint Res Ctr, Retieseweg 111, BE-2440 Geel, Belgium
J AOAC Int 2006 **89** (2) 462
 Validation of two commercial lateral flow devices for the detection of peanut proteins in cookies: Interlaboratory study
- Wang S, Quan Y, Lee N, Kennedy IR// Tianjin Univ Sci & Technol, Fac Food Engn & Biotechnol, Tianjin Key Lab Food Nutr & Safety, CN-300222 Tianjin, Peoples Rep China
J Agric Food Chem 2006 **54** (7) 2491
 Rapid determination of fumonisin B₁ in food samples by enzyme-linked immunosorbent assay and colloidal gold immunoassay
- Wu YY, Ho AYT, Qian PY, Leung KSY, Cai ZW*, Lin JM// *Hong Kong Baptist University, Department Chem, Kowloon, Hong Kong, Peoples Rep China
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 Determination of paralytic shellfish toxins in dinoflagellate *Alexandrium tamarens* by using isotachopheresis/capillary electrophoresis

11. Flavours & aromas

- Barie N, Bucking M, Rapp M// Forschungszentrum Karlsruhe, Hermann von Helmholtz Pl 1, DE-76344 Eggenstein-Leopoldshafen, Germany
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- Ferhat MA, Meklati BY, Smadja J, Chemat F*// *Univ La Reunion, Fac Sci & Technol, Lab Chim Subst Nat & Sci Aliments, BP 7151, RE-97715 St Denis 9, Reunion, France
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 An improved microwave Clevenger apparatus for distillation of essential oils from orange peel
- Gomez-Ariza JL, Garcia-Barrera T, Lorenzo F, Beltran R// Univ Huelva, Fac Ciencias Expt Quim & Ciencia Mat, Campus El Carmen, ES-21007 Huelva, Spain
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 Use of multiple headspace solid-phase microextraction and pervaporation for the determination of off-flavours in wine
- Gonzalez-Arjona D, Lopez-Perez G, Gonzalez-Gallero V, Gonzalez AG*// *Univ Seville, Dept Phys Chem, ES-41012 Seville, Spain
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- Luan F, Mosandl A, Gubesch M, Wust M*// *Univ Appl Sci Valais, Dept Life Technol, Route Raul 47, CH-1950 Sion 2, Switzerland
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Szpakowska M, Magnuszewska A, Szwacki J// Gdansk Tech Univ, Fac Econ & Management, Commod Sci Lab, Narutowicza 11-12, PL-80952 Gdansk, Poland

J Membr Sci 2006 **273** (1-2) 116

On the possibility of using liquid or lipid, lipid like-polymer membrane systems as taste sensor

13. Animal products

Karoui R, Mouazen AM, Dufour E, Schoonheydt R, De Baerdemaeker J// Katholieke University Leuven, Department Biosyst, Division Mechatronics Biostat & Sensors - MeBioS, Kasteelpark Arenberg 30, BE-3001 Louvain, Belgium

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Utilisation of front-face fluorescence spectroscopy for the determination of some selected chemical parameters in soft cheeses

Rodriguez-Saona LE, Koca N, Harper WJ, Alvarez VB// *Ohio State Univ, Dept Food Sci & Technol, 110 Parker Food Sci & Technol Bldg, Columbus, Oh 43210, USA

J Dairy Sci 2006 **89** (5) 1407

Rapid determination of Swiss cheese composition by Fourier transform infrared/attenuated total reflectance spectroscopy

Schlatterer J, Breithaupt DE// *Univ Hohenheim, Inst Food Chem, Garbenstr 28, DE-70599 Stuttgart, Germany

J Agric Food Chem 2006 **54** (6) 2267

Xanthophylls in commercial egg yolks: Quantification and identification by HPLC and LC-(APCI) MS using a C30 phase

Tanaka T, Sasaki T, Amemiya Y, Takeyama H, Chow S, Matsunaga T// *Tokyo Univ Agr & Technol, Dept Biotechnol, 2-24-16 Naka cho, Koganei, Tokyo 184 8588, Japan

Anal Chim Acta 2006 **561** (1-2) 150

Discrimination of DNA mismatches by direct force measurement for identification of tuna species

Uddin M, Okazaki E, Ahmad MU, Fukuda Y, Tanaka M// Natl Res Inst Fisheries Sci, Div Food Technol & Biochem, Food Qual Sect, 2-12-4 Fukuura, Yokohama, Kanagawa 236 864, Japan

Food Control 2006 **17** (8) 660

NIR spectroscopy: A nondestructive fast technique to verify heat treatment of fish-meat gel

14. Plant & microbial products

Berhow MA, Kong SB, Vermillion KE, Duval SM// USDA/ARS, National Center Agricultural Utilization Research, 1815 Nth Univ St, Peoria, IL 61604, USA

J Agric Food Chem 2006 **54** (6) 2035

Complete quantification of group A and group B soyasaponins in soybeans

Clifford MN, Knight S, Surucu B, Kuhnert N// University Surrey, School Biomed & Mol Science, Ctr Nutr & Food Safety, Guildford GU2 7XH, England

J Agric Food Chem 2006 **54** (6) 1957

Characterization by LC-MSⁿ of four new classes of chlorogenic acids in green coffee beans: Dimethoxycinnamoylquinic acids, diferuloylquinic acids, caffeoyl-dimethoxycinnamoylquinic acids, and feruloyl-dimethoxycinnamoylquinic acids

Dourtoglou VG, Mamalos A, Makris DP, Kefalas P// Inst Educat Technol, Dept Oenol & Beverage Technol, Ag Spyridona Str, GR-12210 Athens, Greece

J Agric Food Chem 2006 **54** (6) 2211

Storage of olives (*Olea europaea* L.) under CO₂ atmosphere: Liquid chromatography-mass spectrometry characterization of indices related to changes in polyphenolic metabolism

Engelhard S, Kumke MU, Lohmannsroben HG// *Univ Potsdam, Inst Chem, Karl Liebknecht Str 24-25, DE-14476 Potsdam, Germany

Anal Bioanal Chem 2006 **384** (5) 1107

Examples of the application of optical process and quality sensing (OPQS) to beer brewing and polyurethane foaming processes

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J Agric Food Chem 2006 **54** (6) 2242

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Fort DA, Swatloski RP, Moyna P*, Rogers RD, Moyna G// *Universidade Republica, Fac Quim, Avenida Gen Flores 2124, UY-11800 Montevideo, Uruguay

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Gotti R, Furlanetto S, Pinzauti S, Cavrini V// Univ Bologna, Dept Pharmaceut Sci, Via Belmeloro 6, IT-40126 Bologna, Italy

J Chromatogr A 2006 **1112** (1-2) 345

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Guadalupe Z, Soldevilla A, Saenz-Navajas MP, Ayestaran B// Univ La Rioja, Dept Agr & Food Sci, C/ Madre de Dios 51, ES-26006 Logrono, Spain

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Analysis of polymeric phenolics in red wines using different techniques combined with gel permeation chromatography fractionation

He H, Chen XJ*, Wang GJ, Wang JP, Davey AK// *China Pharmaceut Univ, Ctr Drug Metab & Pharmacokinetics, CN-210009 Nanjing, Peoples Rep China

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High-performance liquid chromatography spectrometric analysis of *trans*-resveratrol in rat plasma

Jiang HL, Timmermann BN, Gang DR// *Univ Arizona, Coll Pharm, Arizona Ctr Phytomed Res, Tucson, Az 85721, USA

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Karoui R, Cartaud G, Dufour E// *ENITA Clermont Ferrand, UR Typicite Produits Alimentaires, Site Marmilhat, BP 35, FR-63370 Lempdes, France

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Melendez-Martinez AJ, Vicario IM, Heredia FJ// *Univ Seville, Fac Pharm, Dept Nutr & Food Sci, Lab Food Color & Qual, ES-41012 Seville, Spain

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Influence of white reference measurement and background on the color specification of orange juices by means of diffuse reflectance spectrophotometry

Montoro P, Tuberoso CIG, Perrone A, Piacente S, Cabras P, Pizza C// Univ Salerno, Dipt Sci Farmaceut, Via Ponte Melillo, IT-84084 Fisciano, Italy

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Characterisation by liquid chromatography-electrospray tandem mass spectrometry of anthocyanins in extracts of *Myrtus communis* L. berries used for the preparation of myrtle liqueur

Nakagawa K, Umeda T, Higuchi O, Tsuzuki T, Suzuki T, Miyazawa T// *Tohoku Univ, Grad Sch Agr Sci, Food & Biodynam Chem Lab, Sendai, Miyagi 981 8555, Japan

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Nguyen TA, Dresselaers T, Verboven P, D'hallewin G, Culeddu N, Van Hecke P, Nicolai BM// Katholieke Univ Leuven, Lab Postharvest Technol, Flanders Ctr, W de Croylaen 42, BE-3001 Louvain, Belgium

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Pineiro Z, Palma M*, Barroso CG// *Univ Cadiz, Fac Ciencias, Dept Quim Analit, Grp Invest Quim Anal Vno & Prod Agroalimentarios, ES-11510 Cadiz, Spain

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Ren XL, Zhu XY, Warndorff M, Bucheli P, Shu QY// *Zhejiang Univ, Inst Nucl Agr Sci, Hua Jia Chi Campus, 268 Kaixuan Rd, CN-310029 Hangzhou, Peoples Rep China

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Sullivan D, Crowley R// Covance Labs, 3301 Kinsman Blvd, Madison, WI 53704, USA

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Tiitinen KM, Yang BR, Haraldsson GG, Jonsdottir S, Kallio HP// Univ Turku, Dept Biochem & Food Chem, FI-20014 Turku, Finland

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Tsao R, Yang R// Agr & Agri-Food Canada, Food Res Program, 93 Stone Rd West, Guelph, Ontario, Canada N1G 5C9

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Yanagida A, Shoji A, Shibusawa Y, Shindo H, Tagashira M, Ikeda M, Ito Y// Tokyo Univ Pharm & Life Sci, Sch Pharm, Div Struct Biol & Anal Sci, 1432-1 Horinouchi, Hachioji, Tokyo 192 0392, Japan

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