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## Bibliography of analytical, nutritional and clinical methods

(3 weeks journals. Search completed at 23rd Feb. 2005)

### 1. Books, reviews & symposia

- Ambrus A// IAEA, FAO/IAEA Agr & Biotechnol Lab, Vienna, Austria  
*Accredit Qual Assur* 2004 **9** (6) 288  
Reliability of measurements of pesticide residues in food (Review)  
Buchgraber M, Ulberth F\*, Emons H, Anklam E// \*Commission European Communities, DG Joint Res Ctr, Inst Reference Mat & Measurements, Retieseweg 111, BE-2440 Geel, Belgium  
*Eur J Lipid Sci Technol* 2004 **106** (9) 621  
Triacylglycerol profiling by using chromatographic techniques (Review)

### 2. General

- Jorhem L// Natl Food Adm Toxicol Lab, Res & Dev, Box 622, SE-75126 Uppsala, Sweden  
*Accredit Qual Assur* 2004 **9** (6) 305  
Certified reference materials as a quality tool in food control: Much used - Often misused - Sometimes abused  
McMillan ND, O'Rourke B, Riedel SM, O'Neill M, O'Neill AE, Bertho AC, Doyle G, Beverley K, Hammond J, Augousti A, Mason J, Skelly DO, O'Neill AT, Boller D, Cave SJ// Inst Technol Carlow, Sch Sci, Kilkenny Rd, Carlow, Rep Ireland  
*Anal Chim Acta* 2004 **511** (1) 119  
A new democratic phase coherent data-scatter technique for calibration, measurement, fingerprinting and rapid archival identification of ultraviolet-visible multi-component food spectra

### 3. Amino acids, proteins & enzymes

- Vazquez-Ortiz FA, Moron-Fuenmayor OE, Gonzalez-Mendez NF// Ctr Invest Alimentac & Desarrollo, MX-83000 Hermosillo, Sonoro, Mexico  
*J Liq Chromatogr Relat Technol* 2004 **27** (17) 2771  
Hydroxyproline measurement by HPLC: Improved method of total collagen determination in meat samples

### 4. Carbohydrates

- Di JW, Bi SP\*, Zhang F// \*Nanjing Univ, Dept Chem, State Key Lab Coordinat Chem China, Hankou St, CN-210093 Nanjing, Peoples Rep China  
*Talanta* 2004 **63** (2) 265  
Electrochemical determination of maltol in beverages with glassy carbon electrode and its silica sol-gel modified electrode  
Downey G, Fourtier V, Kelly JD// Teagasc, Natl Food Ctr, Dublin 15, Rep Ireland  
*J Near Infrared Spectrosc* 2003 **11** (6) 447  
Detection of honey adulteration by addition of fructose and glucose using near infrared transreflectance spectroscopy  
Matsuura Y, Matsubara K, Sasaki A, Fuchigami M\*// \*Okayama Prefectural Univ, Dept Nutr Sci, Soja 719 1197, Japan  
*Food Sci Technol Res* 2004 **10** (2) 157  
Modified alcohol oxidase method used to determine the degree of pectin methylesterification

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.

### 5. Lipids

- Arnaud E, Relkin P, Pina M, Colligan A\*// \*CIRAD-Reunion, Pole Agroaliment, FR-97408 St Denis Messag 9, Reunion, France  
*Eur J Lipid Sci Technol* 2004 **106** (9) 591  
Characterisation of chicken fat dry fractionation at the pilot scale  
Beattie JR, Bell SEJ\*, Moss BW// \*Queens Univ Belfast, Sch Chem, Belfast BT9 5AG, Northern Ireland  
*Lipids* 2004 **39** (5) 407  
A critical evaluation of Raman spectroscopy for the analysis of lipids: Fatty acid methyl esters  
De Koning S, Janssen HG\*, Van Deursen M, Brinkman UAT// \*Unilever R&D, Cent Analyt Sci, POB 114, NL-3130 AC Vlaardingen, The Netherlands  
*J Sep Sci* 2004 **27** (5-6) 397  
Automated on-line comprehensive two-dimensional LC x GC and LC x GC-ToF MS: Instrument design and application to edible oil and fat analysis  
Hirata Y, Sogabe I// Toyohashi Univ Technol, Sch Mat Sci, Toyohashi, Aichi 441 8580, Japan  
*Anal Bioanal Chem* 2004 **378** (8) 1999  
Separation of fatty acid methyl esters by comprehensive two-dimensional supercritical fluid chromatography with packed columns and programming of sampling duration  
Hyotylainen T, Kallio M, Lehtonen M, Lintonen S, Perajoki P, Jussila M, Riekola ML// Univ Helsinki, Dept Chem, Analyt Chem Lab, POB 55, FI-00014 Helsinki, Finland  
*J Sep Sci* 2004 **27** (5-6) 459  
Comprehensive two-dimensional gas chromatography in the analysis of dietary fatty acids  
Muik B, Lendl B, Molina-Diaz A, Perez-Villarejo L, Ayora-Canada MJ\*// \*Univ Jaen, Dept Phys & Analyt Chem, ES-23071 Jaen, Spain  
*Anal Bioanal Chem* 2004 **379** (1) 35  
Determination of oil and water content in olive pomace using near infrared and Raman spectrometry. A comparative study  
Vidal JC, Espuelas J, Castillo JR// Univ Zaragoza, Fac Sci, Dept Analyt Chem, Analyt Spect & Sensors Grp, Plaza San Francisco s/n, ES-50009 Zaragoza, Spain  
*Anal Biochem* 2004 **333** (1) 88  
Amperometric cholesterol biosensor based on *in situ* reconstituted cholesterol oxidase on an immobilized monolayer of flavin adenine dinucleotide cofactor

### 6. Vitamins & co-factors

- Choi YH, Kim HK, Wilson EG, Erkelens C, Trijzelaar B, Verpoorte R\*// \*Leiden Univ, Inst Biol, Sect Metabol, Div Pharmacognosy, POB 9502, NL-2300 RA Leiden, The Netherlands  
*Anal Chim Acta* 2004 **512** (1) 141  
Quantitative analysis of retinol and retinol palmitate in vitamin tablets using <sup>1</sup>H nuclear magnetic resonance spectroscopy  
David V, Bala C, Rotariu L// Univ Bucharest, Fac Chem, Dept Analyt Chem, Lab Qual Chem, Sos Panduri 90, RO-050663 Bucharest 5, Romania  
*Chem Anal* 2004 **49** (2) 191  
Thermodynamic parameters of the reversed-phase liquid chromatography retention for some lipid soluble vitamins  
Diaz TG, Meras ID, Cabanillas AG, Franco MFA// Univ Extremadura, Fac

- Sci, Dept Analyt Chem, ES-06071 Badajoz, Spain  
*Anal Chim Acta* 2004 **511** (2) 231
- Voltammetric behavior and determination of tocopherols with partial least squares calibration: Analysis in vegetable oil samples  
 Ersfeld DL, Rao DS, Body JJ, Sackrison JL, Miller AB, Parikh N, Eskridge TL, Polinske A, Olson GT, MacFarlane GD\*// \*DiaSorin Inc, Res & Dev, 1951 Northwestern Ave, Stillwater, Mn 55082, USA  
*Clin Biochem* 2004 **37** (10) 867
- Analytical and clinical validation of the 25 OH vitamin D assay for the LIAISON® automated analyzer  
 Gatti R, Gioia MG, Cavrini V// Univ Bologna, Dipt Sci Farmaceut, Via Belmeloro 6, IT-40126 Bologna, Italy  
*Anal Chim Acta* 2004 **512** (1) 85
- Determination of *Cinchona* alkaloids and vitamin B<sub>6</sub> by high-performance liquid chromatography with fluorescence detection  
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*Anal Bioanal Chem* 2004 **379** (3) 439
- Simultaneous micellar liquid chromatographic analysis of seven water-soluble vitamins: Optimization using super-modified simplex  
 Jakobsen J, Clausen I, Leth T, Ovesen L// Danish Food Adm, Inst Food Safety & Nutr, DK-2860 Soborg, Denmark  
*J Food Compos Anal* 2004 **17** (6) 777
- A new method for the determination of vitamin D<sub>3</sub> and 25-hydroxyvitamin D<sub>3</sub> in meat  
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*J Colloid Interface Sci* 2004 **274** (2) 579
- Copper(II) adsorbed on SiO<sub>2</sub>/SnO<sub>2</sub> obtained by the sol-gel processing method: Application as electrochemical sensor for ascorbic acid  
 Ryynanen M, Lampi AM\*, Salo-Vaanainen P, Ollilainen V, Piironen V// \*Univ Helsinki, Dept Appl Chem & Microbiol, Latokartanonkaari 11, POB 27, FI-00014 Helsinki, Finland  
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- A small-scale sample preparation method with HPLC analysis for determination of tocopherols and tocotrienols in cereals  
 Sadecka J, Polonsky J\*// \*Fac Chem & Food Technol, Dept Analyt Chem, Radlinskoho 9, SK-81237 Bratislava, Slovakia  
*Chem Anal* 2004 **49** (2) 167
- Capillary isotachophoresis of some water-soluble vitamins  
 Staggs CG, Sealey WM, McCabe BJ, Teague AM, Mock DM\*// \*Univ Arkansas Med Sci, Dept Biochem & Mol Biol, 4301 West Markham St, Slot 516, Little Rock, Ar 72205, USA  
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- Simultaneous determination of vitamins C, E and β-carotene in human plasma by high-performance liquid chromatography with photodiode-array detection  
 Dumont E, Vanhaecke F, Cornelis R// State Univ Ghent, Dept Analyt Chem, Proeftuinstr 86, BE-9000 Ghent, Belgium  
*Anal Bioanal Chem* 2004 **379** (3) 504
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- Comparison of methods for the determination of total selenium in plasma by magnetic sector inductively coupled plasma mass spectrometry  
 Filichkina OG, Zakharova EA, Slepchenko GB// Tomsk Poltech Univ, pr Lenina 30, RU-634034 Tomsk, Russia  
*J Anal Chem-Engl Tr* 2004 **59** (5) 481
- Determination of selenium in foodstuffs by cathodic stripping voltammetry at a mercury-graphite electrode  
 Huerta VD, Sanchez MLF, Sanz-Medel A\*// \*Univ Oviedo, Dept Phys & Analyt Chem, C/ Julian Claveria 8, ES-33006 Oviedo, Spain  
*J Anal Atom Spectrom* 2004 **19** (5) 644
- Quantitative selenium speciation in cod muscle by isotope dilution ICP-MS with a reaction cell: Comparison of different reported extraction procedures  
 Jos A, Moreno I, Gonzalez AG, Repetto G, Camean AM\*// \*Univ Seville, Fac Farm, Dept Bioquim Bromatol Toxicol & Med Legal, Area Toxicol, ES-41012 Seville, Spain  
*Talanta* 2004 **63** (2) 377
- Differentiation of sparkling wines (cava and champagne) according to their mineral content  
 McCurdy E, Woods G// Agilent Technol Ltd, Cheadle Royal Business Pk, Lakeside, Stockport SK8 3GR, England  
*J Anal Atom Spectrom* 2004 **19** (5) 607
- The application of collision/reaction cell inductively coupled plasma mass spectrometry to multi-element analysis in variable sample matrices, using He as a non-reactive cell gas  
 Moreno-Cid A, Yebra MC\*// \*Univ Santiago de Compostela, Fac Chem, Dept Analyt Chem Nutr & Bromatol, ES-15782 Santiago de Compostela, Spain  
*Anal Bioanal Chem* 2004 **379** (1) 77
- Continuous ultrasound-assisted extraction coupled to a flow injection-flame atomic absorption spectrometric system for calcium determination in seafood samples  
 Ohno T, Shinohara A, Kohge I, Chiba M, Hirata T// Tokyo Inst Technol, Dept Earth & Planetary Sci, 2-12-1 Ohokayama, Tokyo 152 8551, Japan  
*Anal Sci* 2004 **20** (4) 617
- Isotopic analysis of Fe in human red blood cells by multiple collector-ICP-mass spectrometry  
 Rodenas-Torralba E, Cava-Montesinos P, Morales-Rubio A\*, Cervera ML, De la Guardia M// \*Univ Valencia, Dept Analyt Chem, Jeroni Munoz Bldg, 50 Dr Moliner St, ES-46100 Burjassot, Valencia, Spain  
*Anal Bioanal Chem* 2004 **379** (1) 83
- Multicommutation as an environmentally friendly analytical tool in the hydride generation atomic fluorescence determination of tellurium in milk  
 Saavedra Y, Fernandez P, Gonzalez A// Ctr Control Medio Marino, Peirao Vilaxo s/n, ES-36611 Vilagarcia Arousa, Pontevedra, Spain  
*Anal Bioanal Chem* 2004 **379** (1) 72
- Determination of vanadium in mussels by electrothermal atomic absorption spectrometry without chemical modifiers  
 Saavedra Y, Gonzalez A, Fernandez P, Blanco J// Address as above  
*Spectrochim Acta Pt B Atom Spect* 2004 **59** (4) 533
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 Smrkolj P, Stibilj V\*// \*Jozef Stefan Inst, Dept Environm Sci, Jamova 39, SI-1000 Ljubljana, Slovenia  
*Anal Chim Acta* 2004 **512** (1) 11
- Determination of selenium in vegetables by hydride generation atomic fluorescence spectrometry  
 St Remy RRD, Sanchez MLF, Sastre JBL, Sanz-Medel A\*// \*Univ Oviedo, Fac Chem, Dept Phys & Analyt Chem, Julian Claveria 8, Oviedo, Spain  
*J Anal Atom Spectrom* 2004 **19** (5) 616
- Determination of essential and toxic total elements in premature human milk by inductively coupled plasma mass spectrometry (ICP-ORC-MS), using an octopole reaction cell  
 Taddia M, Musiani A, Schiavi S// Univ Bologna, Dipt Chim G Ciamician, Via Selmi 2, IT-40126 Bologna, Italy  
*Ann Chim* 2004 **94** (1-2) 107
- Determination of heavy metals in honey by Zeeman electrothermal atomic absorption spectrometry  
 Tanaka S, Natsume M, Uchida M, Hotta N, Matsuda T, Spanut ZA, Hatsukade Y// Toyohashi Univ Technol, 1-1 Hibarigaoka, Tempaku cho, Toyohashi, Aichi 441 8580, Japan  
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Measurement of metallic contaminants in food with a high  $T_c$  SQUID  
 Waheed S, Siddique N, Rahman A, Zaidi JH, Ahmad S// Pakistan Inst Nucl Sci & Technol, Div Nucl Chem, PO Nilore, Islamabad, Pakistan  
*J Radioanal Nucl Chem* 2004 **260** (3) 523

INAA for dietary assessment of essential and other trace elements in fourteen fruits harvested and consumed in Pakistan  
 Wuilloud RG, Kannamkumarath SS, Caruso JA\*// \*Univ Cincinnati, Dept Chem, Cincinnati, OH 45221, USA  
*Anal Bioanal Chem* 2004 **379** (3) 495

Speciation of nickel, copper, zinc, and manganese in different edible nuts: A comparative study of molecular size distribution by SEC-UV-ICP-MS  
 Xie ZH, Zhao JC// NW Univ Xian, Dept Chem, CN-710069 Xian, Peoples Rep China  
*Talanta* 2004 **63** (2) 339

Reverse flow injection spectrophotometric determination of iodate and iodide in table salt

## 8. Drug, biocide & processing residues

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*J Chromatogr A* 2004 **1049** (1-2) 155

Determination of organochlorine pesticide residues in honey from the central zone of Portugal and the Valencian community of Spain  
 Furusawa N// Osaka City Univ, Grad Sch Human Life Sci, Osaka 558, Japan  
*Anal Bioanal Chem* 2004 **378** (8) 2004

A toxic reagent-free method for normal-phase matrix solid-phase dispersion extraction and reversed-phase liquid chromatographic determination of aldrin, dieldrin, and DDTs in animal fats  
 Furusawa N// Osaka City Univ, Grad Sch Human Life Sci, Osaka 558 8585, Japan  
*J Sep Sci* 2004 **27** (7-8) 552

Sample preparation followed by HPLC under harmless 100% aqueous conditions for determination of oxytetracycline in milk and eggs  
 Gomez-Ariza JL, Lorenzo F, Garcia-Barrera T, Sanchez-Rodas D// Univ Huelva, Fac Ciencias Expt, Dept Quim & Ciencia Mat, Campus El Carmen, ES-21007 Huelva, Spain  
*Anal Chim Acta* 2004 **511** (1) 165

Analytical approach for routine methylmercury determination in seafood using gas chromatography-atomic fluorescence spectrometry  
 Hormazabal V, Asp TN// Norwegian Sch Vet Sci, Div Food Safety, POB 8146, NO-0033 Oslo, Norway  
*J Liq Chromatogr Relat Technol* 2004 **27** (17) 2759

Determination of the metabolites of nitrofuran antibiotics in meat by liquid chromatography-mass spectrometry  
 Juan-Garcia A, Manes J, Font G, Pico Y// \*Univ Valencia, Lab Bromatol & Toxicol, Avda Vicent Andres Estelles s/n, ES-46100 Valencia, Spain  
*J Chromatogr A* 2004 **1050** (2) 119

Evaluation of solid-phase extraction and stir-bar sorptive extraction for the determination of fungicide residues at low-microg  $\mu\text{g}^{-1}$  levels in grapes by liquid chromatography-mass spectrometry  
 Mori M, Ito K// Japan Tobacco Inc, Tobacco Sci Res Ctr, 6-2 Umegaoka, Aoba ku, Yokohama, Kanagawa 227 851, Japan  
*Food Sci Technol Res* 2004 **10** (1) 51

Determination of reductones, furans and organic acids in aqueous model matrices using solid-phase extraction and gas chromatography/mass spectrometry  
 Prousalis KP, Polygenis DA, Syrokou A, Lamari FN, Tsegenidis T// \*Univ Patras, Dept Chem, Sect Organ Chem Biochem & Nat Prod, GR-26500 Patras, Greece  
*Anal Bioanal Chem* 2004 **379** (3) 458

Determination of carbendazim, thiabendazole, and *o*-phenylphenol residues in lemons by HPLC following sample clean-up by ion-pairing  
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*J Chromatogr A* 2004 **1050** (2) 185

Gas chromatographic evaluation of pesticide residue contents in nectarines after non-toxic washing treatments  
 Ramos JJ, Gonzalez MJ, Ramos L// IQOQ - CSIC, Dept Instrument Anal & Environm Chem, Juan Cierva 3, ES-28006 Madrid, Spain  
*J Sep Sci* 2004 **27** (7-8) 595

Miniaturised sample preparation of fatty foodstuffs for the determination of polychlorinated biphenyls  
 Schneider MJ, Chen GY// USDA/ARS, Eastern Reg Res Ctr, 600 East Mermaid Lane, Wyndmoor, Pa 19038, USA  
*Anal Lett* 2004 **37** (10) 2067

Time-resolved luminescence screening assay for tetracyclines in chicken muscle  
 Shimamura T, Ukeda H\*, Sawamura M// \*Kochi Univ, Fac Agr, Dept Bioresource Sci, Monobe B-200, Nankoku, Kochi 783 8502, Japan  
*Food Sci Technol Res* 2004 **10** (1) 6

Relationship between the XTT reducibility and aminoreductone formed during the Maillard reaction of lactose: The detection of aminoreductase by HPLC  
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*Anal Bioanal Chem* 2004 **379** (3) 449

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 Yordanov ND, Georgieva E// Bulgarian Acad Sci, Inst Catalysis, EPR Lab, BU-1113 Sofia, Bulgaria  
*Spectrochim Acta A Mol Biol Spectrosc* 2004 **60** (6) 1307

EPR and UV spectral study of gamma-irradiated white and burned sugar, fructose and glucose

## 9. Toxins/Allergens

Eke Z, Torkos K// Lorand Eotvos Univ, Pazmany Peter setany 1/a, HU-1117 Budapest, Hungary  
*Microchem J* 2004 **77** (1) 43

*N,N*-Dimethyl-trimethylsilyl-carbamate as a derivatizing agent in gas chromatography of trichothecene mycotoxins  
 Stroka J, Spanjer M, Buechler S, Barel S, Kos G, Anklam E// European Commission, Directorate Gen Joint Res Ctr, Inst Reference Mat & Measurements, Retieseweg, BE-3440 Geel, Belgium  
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*J Chromatogr A* 2004 **1050** (2) 173

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 Zhou SN, Lai EPC\*, Miller JD// \*Carleton Univ, Ottawa Carleton Chem Inst, Dept Chem, Ottawa, Ontario, Canada K1S 5B6  
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## 10. Additives

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Identification and semi-quantitative determination of gum arabic in wines by GC-MS and size exclusion chromatography  
 Maier MS, Parera SD, Seldes AM// Univ Buenos Aires, Dept Quim Organ, Ciudad Univ, AR-1428 Buenos Aires, DF, Argentina  
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Matrix-assisted laser desorption and electrospray ionization mass spectrometry of carminic acid isolated from cochineal

## 11. Flavours & aromas

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*J Chromatogr Sci* 2004 **42** (8) 402

A survey on high-concentration-capability headspace sampling techniques in the analysis of flavors and fragrances  
 Biendl M, Virant M, Varju P// Address not available  
*J Inst Brew* 2004 **110** (3) 242

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*Anal Chim Acta* 2004 **511** (1) 155
- Determination of formaldehyde in spirits by high-performance liquid chromatography with diode-array detection after derivatization
- Cardoso DR, Sobrinho LGA, Lima-Neto BS, Franco DW// \*Univ Sao Paulo, Inst Quim Sao Carlos, CP 780, BR-13560-970 Sao Carlos, SP, Brazil  
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- A rapid and sensitive method for dimethylsulphide analysis in Brazilian sugar cane sugar spirits and other distilled beverages
- Di X, Shellie RA, Marriott PJ, Huie CW// \*Hong Kong Baptist Univ, Dept Chem, Kowloon Tong, Hong Kong, Peoples Rep China  
*J Sep Sci* 2004 **27** (5-6) 451
- Application of headspace solid-phase microextraction (HS-SPME) and comprehensive two-dimensional gas chromatography (GC x GC) for the chemical profiling of volatile oils in complex herbal mixtures
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- Measurement of aroma compound self-diffusion in food models by DOSY
- Konig WA, Hochmuth DH// Univ Hamburg, Inst Organ Chem, Martin Luther King Pl 6, DE-20146 Hamburg, Germany  
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- Enantioselective gas chromatography in flavor and fragrance analysis: Strategies for the identification of known and unknown plant volatiles
- Miklosy E, Kalmar Z, Kerenyi Z// Minist Agr & Rural Dev, Res Inst Viticulture & Enol, Urihegy 5/a, HU-6001 Kecskemet, Hungary  
*Acta Alimentari* 2004 **33** (3) 215
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- Mondello L, Casilli A, Tranchida PQ, Dugo P, Costa R, Festa S, Dugo G// Univ Messina, Fac Farm, Dipt Farmacochim, Viale Annunziata, IT-98168 Messina, Italy  
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- Comprehensive multidimensional GC for the characterization of roasted coffee beans
- Mondello L, Casilli A, Tranchida PQ, Costa R, Dugo P, Dugo G// Univ Messina, Dipt Farmacochim, Viale Annunziata, IT-98168 Messina, Italy  
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- Fast GC for the analysis of citrus oils
- Mosandl A// Univ Frankfurt, Inst Lebensmittelchem, Marie Curie Str 9, DE-60439 Frankfurt, Germany  
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- A headspace solid phase microextraction (HS-SPME) method for the chromatographic determination of alkylpyrazines in cocoa samples
- Roberts MT, Dufour JP\*, Lewis AC// \*Univ Otago, Dept Food Sci, POB 56, Dunedin, New Zealand  
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- Application of comprehensive multidimensional gas chromatography combined with time-of-flight mass spectrometry (GC x GC-TOFMS) for high resolution analysis of hop essential oil
- 13. Animal products**
- Hernandez-Ledesma B, Amigo L, Ramos M, Recio I// \*Inst Fermentacion Ind - CSIC, Juan Cierva 3, ES-28006 Madrid, Spain  
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- Uperti P, Metzger LE, Buhlmann P// \*Univ Minnesota, Dept Chem, 207 Pleasant St SE, Minneapolis, Mn 55455, USA  
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*Anal Bioanal Chem* 2004 **379** (3) 464
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- Chauhard F, Cogdill R, Roussel S, Roger JM, Bellon-Maurel V// Info & Technol Agroproc, Cemagref BP 5095, FR-34033 Montpellier 1, France  
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- Application of LS-SVM to non-linear phenomena in NIR spectroscopy: Development of a robust and portable sensor for acidity prediction in grapes
- Cocchi M, Durante C, Foca G, Manzini D, Marchetti A, Ulrici A// Univ Modena, Dipt Chim, Via Campi 183, IT-41100 Modena, Italy  
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