

Bibliography of analytical, nutritional and clinical methods

(5 weeks journals. Search completed at 4th. Feb. 2004)

1. Books, reviews & symposia

Ogrinc N, Kosir IJ, Spangenberg JE, Kidric J*// *Nat'l Inst Chem, Hajdrihova 19, SI-1000 Ljubljana, Slovenia
Anal Bioanal Chem 2003 **376** (4) 424
The application of NMR and MS methods for detection of adulteration of wine, fruit juices, and olive oil. A review

3. Amino acids, proteins & enzymes

Adesanmi CA, Essiett AA, Balogun FA*// *Obafemi Awolowo Univ, Ctr Energy Res & Dev, Ife, Nigeria
Nucl Instrum Methods Phys Res A 2003 **505** (1-2) 521
Essential corrections of interference reactions in the determination of protein contents of Nigeria foodstuffs using fast neutron activation analysis

Aristoy MC, Soler C, Toldra F*// *Inst Agroquim & Tecnol Alimentos - CSIC, Apartado Correos 73, ES-46100 Burjassot, Valencia, Spain
Food Chem 2004 **84** (3) 485

A simple, fast and reliable methodology for the analysis of histidine dipeptides as markers of the presence of animal origin proteins in feeds for ruminants

Arruda NJM, Filho JLL, Montenegro MCBSM, Araujo AN, Silva VL*// *UFPE, Dept Chem Engr, Lab Environm & Qual Engr, BR-50740-521 Recife, PE, Brazil
J Agric Food Chem 2003 **51** (24) 6945

Simple and inexpensive flow L-glutamate determination using pumpkin tissue

Forato LA, Bicudo TD, Colnago LA*// *Embrapa Instrumentacao Agropecuaria, R XV Novembro 1452, BR-13561-970 Sao Carlos, SP, Brazil
Biopolymers 2003 **72** (6) 421

Conformation of α zeins in solid state by Fourier transform IR

Losso JN, Bansode RR, Bawadi HA// Louisiana State Univ Agr Ctr, Dept Food Sci, Food Prot Biotechnol Lab, 111 Food Sci Bldg, Baton Rouge, LA 70803, USA
J Agric Food Chem 2003 **51** (24) 7122

Perfusion chromatography purification of a 15 kDa rice prolamin

4. Carbohydrates

Cataldi TRI, Angelotti M, Bianco G// Univ Basilicata, Dipt Chim, Via N Sauro 85, IT-85100 Potenza, Italy
Anal Chim Acta 2003 **485** (1) 43

Determination of mono- and disaccharides in milk and milk products by high-performance anion-exchange chromatography with pulsed amperometric detection

Korakli M, Hinrichs C, Ehrmann MA, Vogel RF// Tech Univ Munich, Lehrstuhl Tech Mikrobiol, Weihenstephaner Steig 16, DE-85350 Freising Weihenstephan, Germany
Eur Food Res Technol 2003 **217** (6) 530

Enzymatic determination of inulin and fructooligosaccharides in food

Marconi E, Messia MC, Amine A, Moscone D, Vernazza F, Stocchi F, Palleeschi G// Univ Molise, DISTAAM, Via de Sanctis, IT-86100 Campobasso, Italy
Food Chem 2004 **84** (3) 447

Heat-treated milk differentiation by a sensitive lactulose assay

Roger JM, Chauchard F, Bellon-Maurel V// Cemagref, BP 5095, FR-34033

Montpellier 1, France

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EPO-PLS external parameter orthogonalisation of PLS application to temperature-independent measurement of sugar content of intact fruits

Sanz V, Galban J*, De Marcos S, Castillo JR// *Univ Zaragoza, Fac Sci, Dept Analyt Chem, GEAS, ES-50009 Zaragoza, Spain
Talanta 2003 **60** (2-3) 415

Fluorometric sensors based on chemically modified enzymes: Glucose determination in drinks

5. Lipids

Bucci R, Magri AD, Magri AL, Marini F*// *Univ Roma La Sapienza, Dipt Chim, Piazzale Aldo Moro 5, IT-00185 Rome, Italy
Anal Bioanal Chem 2003 **375** (8) 1254

Comparison of three spectrophotometric methods for the determination of γ -oryzanol in rice bran oil

Diaz TG, Meras ID, Correa CA, Roldan B, Caceres MIR// Univ Extremadura, Dept Analyt Chem, ES-06071 Badajoz, Spain
J Agric Food Chem 2003 **51** (24) 6934

Simultaneous fluorometric determination of chlorophylls *a* and *b* and pheophytins *a* and *b* in olive oil by partial least-squares calibration

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Supervised pattern recognition to discriminate the geographical origin of rice bran oils: A first study

Martin SP, Lamb DJ, Lynch JM, Reddy SM*// *University Surrey, Sch Biomed & Life Sci, Ctr Clin Sci & Measurement, Guildford GU2 7XH, England
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Enzyme-based determination of cholesterol using the quartz crystal acoustic wave sensor

Mondello L, Casilli A, Tranchida PQ, Dugo P, Dugo G// Univ Messina, Dipt Farmacochim, Viale Annunziata, IT-98168 Messina, Italy
J Chromatogr A 2003 **1019** (1-2) 187

Detailed analysis and group-type separation of natural fats and oils using comprehensive two-dimensional gas chromatography

Park JR, Lee DS*// *Seoul Womens Univ, Dept Chem, Seoul 139 774, South Korea
Bull Korean Chem Soc 2003 **24** (4) 527

Detection of adulteration in olive oils using triacylglycerols compositions by high temperature gas chromatography

Ubhayasekera SJKA, Verleyen T, Dutta PC*// *Swedish Univ Agr Sci, Dept Food Sci, Div Food Chem, Box 7051, SE-750 07 Uppsala, Sweden
Food Chem 2004 **84** (1) 149

Evaluation of GC and GC-MS methods for the analysis of cholesterol oxidation products

Zabaras D, Gordon MH// Food Sci Australia, PO Box 52, North Ryde, NSW 1670, Australia
Food Chem 2004 **84** (3) 475

Detection of pressed hazelnut oil in virgin olive oil by analysis of polar components: Improvement and validation of the method

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.

6. Vitamins & co-factors

- Blaha V, Solichova D, Cernohorsky D, Hyspler R, Zdansky P, Zadak Z// Charles Univ Sch Med, Teaching Hosp, Dept Metab Care & Gerontol, Sokolska 581, CZ-50005 Hradec Kralove, Czech Republic
Talanta 2003 **60** (2-3) 505
- Fluorometric assay of lipoperoxides and chromatographic analysis of α -tocopherol and fatty acids as biomarkers of risk from coronary atherosclerosis
- Freisleben A, Schieberle P, Rychlik M*// *Tech Univ Munich, Inst Lebensmittelchem, Lichtenbergstr 4, DE-85748 Garching, Germany
Anal Bioanal Chem 2003 **376** (2) 149
- Specific and sensitive quantification of folate vitamers in foods by stable isotope dilution assays using high-performance liquid chromatography-tandem mass spectrometry
- Higashi T, Yamauchi A, Shimada K// Kanazawa Univ, Fac Pharmaceut Sci, 13-1 Takara machi, Kanazawa, Ishikawa 920 093, Japan
Anal Sci 2003 **19** (6) 941
- Application of 4-(4-nitrophenyl)-1,2,4-triazoline-3,5-dione to analysis of 25-hydroxyvitamin D₃ in human plasma by liquid chromatography/electron capture atmospheric pressure chemical ionization-mass spectrometry
- Olkowski AA, Aranda-Osorio G, McKinnon J// Univ Saskatchewan, Dept Anim & Poultry Sci, 72 Campus Dr, Saskatoon, Saskatchewan, Canada S7N 5B5
Int J Vitam Nutr Res 2003 **73** (1) 15
- Rapid HPLC method for measurement of vitamin D₃ and 25(OH)D₃ in blood plasma
- Solichova D, Korecka L, Svobodova I, Musil F, Blaha V, Zdansky P, Zadak Z// Charles Univ, Teaching Hosp, Dept Metab Care & Gerontol, CZ-50005 Hradec Kralove, Czech Republic
Anal Bioanal Chem 2003 **376** (4) 444
- Development and validation of HPLC method for the determination of α -tocopherol in human erythrocytes for clinical applications

7. Trace elements & minerals

- Bakircioglu Y, Segade SR, Yourd ER, Tyson JF*// *Univ Massachusetts, Dept Chem, 710 Nth Pleasant St, Amherst, Ma 01003, USA
Anal Chim Acta 2003 **485** (1) 9
- Evaluation of Pb-Spec® for flow-injection solid-phase extraction preconcentration for the determination of trace lead in water and wine by flame atomic absorption spectrometry
- Jonah SA, Williams IS, Nyarko BJB, Akaho EHK, Serfor-Armah Y// Ahmadu Bello Univ, Ctr Energy Res & Training, PMB 1014, Zaria, Nigeria
J Trace Microprobe Tech 2003 **21** (2) 407
- Routine monitoring of market infant foods by neutron activation analysis with a low-power reactor
- Labat L, Dehon B, Lhermitte M// Hop Calmette, Lab Biochim & Biol Mol, Blvd Prof Leclerc, FR-59037 Lille, France
Anal Bioanal Chem 2003 **376** (2) 270
- Rapid and simple determination of selenium in blood serum by inductively coupled plasma-mass spectrometry (ICP-MS)
- Lu G, Long D, Li D, Zhan T, Zhao H, Liu C// Central China Normal Univ, Dept Chem, CN-430079 Wuhan, Peoples Rep China
Food Chem 2004 **84** (2) 319
- Determination of copper in food by stripping voltammetry using Cu(II)-[2-(2,3,5-triazolylazo)-5-dimethylaninobenzonic] complex
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Anal Sci 2003 **19** (6) 883
- An on-line galvanic cell-generated electrochemiluminescence and flow injection determination of calcium in milk and vegetables
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- Determination of aluminium in Slovenian foodstuffs and its leachability from aluminium-cookware
- Serfor-Armah Y, Nyarko BJB, Holzbecher J, Akaho EHK, Osaie EK, Chatt A// Dalhousie Univ, Dept Chem, Trace Anal Res Ctr, Halifax, Nova Scotia, Canada B3H 4J3
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- Determination of seven heavy metals, cadmium, cobalt, chromium, nickel, lead, copper and manganese in wheat flour samples by flame atomic absorp-

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- Soko L, Chimuka L, Cukrowska E*, Pole S// *Univ Witwatersrand, Sch Chem, Post Bag 2, ZA-2050 Witwatersrand, Rep South Africa
Anal Chim Acta 2003 **485** (1) 25
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- Tuzen M// Gaziosmanpasa Univ, Fac Sci & Arts, Dept Chem, TR-60250 Tokat, Turkey
Microchem J 2003 **74** (3) 289
- Determination of heavy metals in soil, mushroom and plant samples by atomic absorption spectrometry

8. Drug, biocide & processing residues

- Albero B, Sanchez-Brunete C, Tadeo JL*// *INIA, Dept Med Ambiente, Carretera Coruna km 7, ES-28040 Madrid, Spain
J Agric Food Chem 2003 **51** (24) 6915
- Determination of organophosphorus pesticides in fruit juices by matrix solid-phase dispersion and gas chromatography
- Barrek S, Paise O, Grenier-Loustalot MF*// *Serv Cent Anal, CNRS USR 059, BP 22, FR-69390 Vernaison, France
Anal Bioanal Chem 2003 **376** (2) 157
- Analysis of pesticide residues in essential oils of citrus fruit by GC-MS and HPLC-MS after solid-phase extraction
- Becker M, Zittlau E, Petz M*// *Univ Wuppertal, Dept Food Chem, Gausstr 20, DE-42097 Wuppertal, Germany
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- Quantitative determination of ceftiofur-related residues in bovine raw milk by LC-MS/MS with electrospray ionization
- Beltran J, Peruga A, Pitarch E, Lopez FJ, Hernandez F// Univ Jaume I, Expt Sci Dept, POB 8029 AP, ES-12080 Castellon, Spain
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- Berruga MI, Yamaki M, Althaus RL, Molina MP, Molina A*// *Univ Castilla La Mancha, ETSIA, Dept Ciencia & Tecnol Agroforestal, ES-02071 Albacete, Spain
J Food Prot 2003 **66** (11) 2097
- Performances of antibiotic screening tests in determining the persistence of penicillin residues in ewe's milk
- Cacho C, Turiel E*, Martin-Esteban A, Perez-Conde C, Camara C// *Commiss European Communities, Joint Res Ctr, Inst Reference Mat & Measurements, BE-2440 Geel, Belgium
Anal Bioanal Chem 2003 **376** (4) 491
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- Capitan-Vallvey LF, Al Barbarawi OMA, Fernandez-Ramos MD, Avidad R// Univ Granada, Dept Analyt Chem, ES-18071 Granada, Spain
Talanta 2003 **60** (2-3) 247
- Determination of oxolinic acid in cow's milk and human urine by means of a single-use phosphorimetric sensor
- Castle L, Philo MR, Sharman M// Dept Environm Food & Rural Affairs, Central Sci Lab, Sand Hutton, York YO41 1LZ, England
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- The analysis of honey samples for residues of nitrobenzene and petroleum from the possible use of Frow mixture in hives
- Daeseleire E, Mortier L, De Ruyck H, Geerts N// Minist Flemish Community, Agr Res Ctr Ghent-CLO, Dept Anim Prod Qual & Transformat Technol-DVK, Brusselssesteenweg 370, BE-9090 Melle, Belgium
Anal Chim Acta 2003 **488** (1) 25
- Determination of flunixin and ketoprofen in milk by liquid chromatography-tandem mass spectrometry
- Del Carlo M, Mascini M, Pepe A, Diletti G, Compagnone D// Univ Teramo, Dept Food Sci, Via Spagna 1, IT-64023 Mosciano Stazione, TE, Italy
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- Screening of food samples for carbamate and organophosphate pesticides using an electrochemical bioassay
- Ebraheem S, Beshir WB, Eid S, Sobhy R, Kovacs A*// *Hungarian Acad Sci, Inst Isotope & Surface Chem, Chem Res Ctr, POB 77, HU-1125 Budapest, Hungary
Radiat Phys Chem 2003 **67** (3-4) 569
- Spectrophotometric readout for an alanine dosimeter for food irradiation applications
- Haasnoot W, Cazemier G, Koets M, Van Amerongen A// State Inst Qual Control Agr Prod, POB 230, NL-6700 AE Wageningen, The Netherlands
Anal Chim Acta 2003 **488** (1) 53

Single biosensor immunoassay for the detection of five aminoglycosides in re-constituted skimmed milk

Higuchi M, Hanada Y, Ishikawa S, Ueda E, Takahashi M// Kitakyushu City Inst Environm Sci, 1-2-1 Shinike, Tobata ku, Fukuoka 804 0082, Japan
J Food Hyg Soc Jpn 2003 **44** (5) 263

Simultaneous determination of *N*-methylcarbamate and urea pesticides in agricultural products by LC/MS (Japanese, English Abstract)

Kakimoto Y, Ohtani Y, Funaki N, Joh T// Ctr Food Qual Labeling & Consumer Serv, 2-1 Shintoshin, Chuoh ku, Saitama 330 9731, Japan
J Food Hyg Soc Jpn 2003 **44** (5) 253

Simultaneous determination of pesticide residues in fruits and vegetables by GC/MS (SCAN mode) and HPLC (Japanese, English Abstract)

Malik AK, Bansal S, Aulakh JS// GND Univ, Dept Chem, IN-143005 Amritsar, India
Anal Bioanal Chem 2003 **375** (8) 1250

Fourth-derivative spectrophotometric determination of fungicide ferbam (iron(III) dimethyldithiocarbamate) in a commercial sample and wheat grains using 2,2'-bipyridyl

Menkissoglu-Spiroudi U, Fotopoulou A// Aristotle Univ Thessaloniki, Sch Agr, Pesticides Lab, GR-54124 Thessaloniki, Greece
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Munoz JA, Gonzalez EF, Garcia-Ayuso LE, Casado AG, Cuadros-Rodriguez L// *Univ Granada, Sch Qualimetrics, Dept Analyt Chem, ES-18071 Granada, Spain
Talanta 2003 **60** (2-3) 433

A new approach to qualitative analysis of organophosphorus pesticide residues in cucumber using a double gas chromatographic system: GC-pulsed-flame photometry and retention time locking GC-mass spectrometry

Riediker S, Stadler RH// Nestle S/A, Nestle Res Ctr, POB 44, Vers-chez-les-Blanc, CH-1000 Lausanne 26, Switzerland
J Chromatogr A 2003 **1020** (1) 121

Analysis of acrylamide in food by isotope-dilution liquid chromatography coupled with electrospray ionization tandem mass spectrometry

Saad B, Haniff NH, Saleh MI, Hashim NH, Abu A, Ali N// Univ Sains Malaysia, Sch Chem Sci, 11800 Penang, Malaysia
Food Chem 2004 **84** (2) 313

Determination of *ortho*-phenylphenol, diphenyl and diphenylamine in apples and oranges using HPLC with fluorescence detection

Takeba K, Fujinuma K, Sakamoto M, Jimbo K, Oka H, Ito Y, Nakazawa H// Tokyo Metropolitan Inst Publ Hlth, 3-24-1 Hyakunin cho, Shinjuku ku, Tokyo 169 0073, Japan
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Determination of benzimidazole anthelmintics in livestock foods by HPLC (Japanese, English Abstract)

Tsoutsis CS, Albanis TA// *Univ Ioannina, Dept Chem, GR-45110 Ioannina, Greece
Int J Environ Anal Chem 2004 **84** (1-3) 3

Optimization of headspace solid-phase microextraction conditions for the determination of organophosphorus insecticides in olive oil

Vidal B// Univ La Reunion, Lab Chim Substances Nat & Sci Aliments, RE-97715 St Denis 9, Reunion
Chem Pap-Chem Zvesti 2003 **57** (2) 112

Near UV spectroscopy and electronic structure of dibenzo-*p*-dioxin, the parent compound of highly food-polluting agents

Zrostlikova J, Hajslova J, Cajka T// LECO Instrumente Pilsen, Appl Lab Prague, Sokolovska 219, CZ-180008 Prague, Czech Republic
J Chromatogr A 2003 **1019** (1-2) 173

Evaluation of two-dimensional gas chromatography-time-of-flight mass spectrometry for the determination of multiple pesticide residues in fruit

9. Toxins/Allergens

Akiyama H, Isuzugawa K, Harikai N, Watanabe H, Iijima K, Yamakawa H, Mizuguchi Y, Yoshikawa R, Yamamoto M, Sato H, Watai M, Arakawa F, Ogasawara T, Nishihara R, Kato H, Yamauchi A, Takahata Y, Morimatsu F, Mamegoshi S, Muraoka S, Honjo T, Watanabe T, Wakui C, Imamura T, Toyoda M, Maitani T// Natl Inst Hlth Sci, 1-18-1 Kamiyoga, Setagaya ku, Tokyo 158 8501, Japan
J Food Hyg Soc Jpn 2003 **44** (5) 213

Inter-laboratory evaluation studies of notified ELISA methods for allergic substances (egg) (Japanese, English Abstract)

Haque MR, Bradbury JH// *Australian Nat Univ, Sch Bot & Zool, Canberra, ACT 0200, Australia
Food Chem 2004 **85** (1) 27

Preparation of linamarin from cassava leaves for use in a cassava cyanide kit

Masar M, Zuborova M, Kaniansky D*, Stanislawski B// *Comenius Univ, Fac Nat Sci, Dept Analyt Chem, Mlynska dolina CH-2, SK-84215 Bratislava, Slovakia

J Sep Sci 2003 **26** (8) 647

Determination of oxalate in beer by zone electrophoresis on a chip with conductivity detection

Tozzi C, Anfossi L, Baggiani C, Giovannoli C, Giraudi G// Univ Turin, Dept Analyt Chem, Via P Giuria 5, IT-10125 Turin, Italy

Anal Bioanal Chem 2003 **375** (8) 994

A combinatorial approach to obtain affinity media with binding properties towards the aflatoxins

Xu GR, Chen Y, Yu HL, Cameleyre X, Blanc PJ// Sthn Yangtze Univ, Minist Educat, Key Lab Ind Biotechnol, 170 Huihe Rd, CN-214036 Jiangsu, Peoples Rep China
Arch Lebensmittelhyg 2003 **54** (4) 82

HPLC fluorescence method for determination of citrinin in *Monascus* cultures

11. Flavours & aromas

Adahchour M, Van Stee LLP, Beens J, Vreuls RJJ, Batenburg MA, Brinkman UAT// Vrije Univ Amsterdam, Dept Analyt Chem & Appl Spect, Boelelaan 1083, NL-1081 HV Amsterdam, The Netherlands

J Chromatogr A 2003 **1019** (1-2) 157

Comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometric detection for the trace analysis of flavour compounds in food

Bauer-Christoph C, Christoph N, Aguilar-Cisneros BO, Lopez MG, Richling E, Rossmann A, Schreiber P// *Univ Wurzburg, Lehrstuhl Lebensmittelchem, DE-97074 Wurzburg, Germany

Eur Food Res Technol 2003 **217** (5) 438

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Boyce MC, Haddad PR, Sostaric T// Edith Cowan Univ, Sch Nat Sci, 100 Joondalup Dr, Perth, WA 6027, Australia

Anal Chim Acta 2003 **485** (2) 179

Determination of flavour components in natural vanilla extracts and synthetic flavourings by mixed micellar electrokinetic capillary chromatography

Camara JS, Marques JC*, Alves A, Ferreira ACS// *Univ Madeira, Dept Quim, Campus Penteada, PT-9000-390 Funchal, Portugal

Anal Bioanal Chem 2003 **375** (8) 1221

Heterocyclic acetals in Madeira wines

Gonzalez-Cordova AF, Vallejo-Cordova B// *Ctr Invest Alimentacion & Desarrollo, AC, Dept Tecnol Alimentos Origen Anim, MX-83000 Hermosillo, Sonora, Mexico

J Agric Food Chem 2003 **51** (24) 7127

Detection and prediction of hydrolytic rancidity in milk by multiple regression analysis of short-chain free fatty acids determined by solid phase microextraction gas chromatography and quantitative flavor intensity assessment

Jelen HH, Majcher M, Zawirska-Wojtasiak R, Wiewiorowska M, Wasowicz E// Acad Agr Poznan, Inst Food Technol, Wojska Polskiego 31, PL-60624 Poznan, Poland

J Agric Food Chem 2003 **51** (24) 7079

Determination of geosmin, 2-methylisoborneol, and a musty-earthly odor in wheat grain by SPME-GC-MS, profiling volatiles, and sensory analysis

Marco A, Navarro JL, Flores M// *Inst Agroquim & Tecnol Alimentos - CSIC, Apdo 73, ES-46100 Burjassot, Valencia, Spain
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Volatile compounds of dry-fermented sausages as affected by solid-phase microextraction (SPME)

Marti MP, Boque R, Riu M, Busto O, Guasch J// *Univ Rovira & Virgili, Fac Enol, Dept Quim Analit & Quim Organ, Unitat Enol, CeRTA, ES-43005 Tarragona, Spain

Anal Bioanal Chem 2003 **376** (4) 497

Fast screening method for determining 2,4,6-trichloroanisole in wines using a headspace-mass spectrometry (HS-MS) system and multivariate calibration

Odaci D, Timur S*, Telefoncu A// *Ege Univ, Fac Sci, Biochem Dept, TR-35100 Bornova-Izmir, Turkey

Food Chem 2004 **84** (3) 493

Carboxyl esterase-alcohol oxidase based biosensor for the aspartame determination

Rega B, Fournier N, Guichard E// *Inst Natl Rech Agron, UMR Aromes, 17 rue Sully, BP 86510, FR-21065 Dijon, France
J Agric Food Chem 2003 **51** (24) 7092

Solid phase microextraction (SPME) of orange juice flavor: Odor representativeness by direct gas chromatography olfactometry (D-GC-O)

Saevels S, Lammertyn J, Berna AZ, Veraverbeke EA, Di Natale C, Nicolai BM// Katholieke Univ Leuven, Flanders Cent Lab Postharvest Technol, W Croylaan 42, BE-3001 Louvain, Belgium
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Senorans FJ, Ruiz-Rodriguez A, Ibanez E, Tabera J, Reglero G*// *Univ Autonoma Madrid, Fac Ciencias, Area Tecnol Alimentos, ES-28049 Madrid, Spain

J Supercrit Fluid 2003 **26** (2) 129

Isolation of brandy aroma by countercurrent supercritical fluid extraction

Sewenig S, Hener U, Mosandl A*// *Univ Frankfurt, Inst Lebensmittelchem, Biozentrum, Marie Curie Str 9, DE-60439 Frankfurt, Germany

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Online determination of $^2\text{H}/^1\text{H}$ and $^{13}\text{C}/^{12}\text{C}$ isotope ratios of cinnamaldehyde from different sources using gas chromatography isotope ratio mass spectrometry

Steinhaus M, Fritsch HT, Schieberle P*// *Deutsch Forsch Anstalt Lebensmittelchem, Lichtenbergstr 4, DE-85748 Garching, Germany

J Agric Food Chem 2003 **51** (24) 7100

Quantitation of (*R*)- and (*S*)-linalool in beer using solid phase microextraction (SPME) in combination with a stable isotope dilution assay (SIDA)

Vesely P, Lusk L*, Basarova G, Seabrooks J, Ryder D// *Miller Brewing Co, 3939 West Highland Blvd, Milwaukee, WI 53208, USA

J Agric Food Chem 2003 **51** (24) 6941

Analysis of aldehydes in beer using solid-phase microextraction with on-fiber derivatization and gas chromatography/mass spectrometry

12. Organic acids

De Villiers A, Lynen F, Crouch A, Sandra P*// *Univ Stellenbosch, Dept Chem, CENSUS, Private Bag 11, ZA-7602 Matieland, Rep Sth Africa

Eur Food Res Technol 2003 **217** (6) 535

A robust capillary electrophoresis method for the determination of organic acids in wines

Marsili NR, Sobrero MS, Goicoechea HC// Univ Nacl Litoral, Fac Bioquim & Ciencias Biol, Ciudad Univ, AR-3000 Santa Fe, Argentina

Anal Bioanal Chem 2003 **376** (1) 126

Spectrophotometric determination of sorbic and benzoic acids in fruit juices by a net analyte signal-based method with selection of the wavelength range to avoid non-modelled interferences

13. Animal products

Castillo AGF, Martinez JL, Garcia-Vazquez E*// *Univ Oviedo, Dept Biol Funcional, C/ Julian Claveria s/n, ES-33006 Oviedo, Spain

J Food Prot 2003 **66** (11) 2130

Identification of Atlantic hake species by a simple PCR-based methodology employing microsatellite loci

Chapela MJ, Sotelo CG, Perez-Martin RI// Inst Invest Marinas - CSIC, Eduardo Cabello 6, Pontevedra, Vigo, Spain

Eur Food Res Technol 2003 **217** (6) 524

Molecular identification of cephalopod species by FINS and PCR-RFLP of a cytochrome *b* gene fragment

Collier WA, Baird DB, Park-Ng ZA, More N, Hart AL// AgRes Ltd, Food Syst & Technol, Private Bag 11008, Palmerston North 5301, New Zealand

Sensor Actuator B-Chem 2003 **92** (1-2) 232

Discrimination among milks and cultured dairy products using screen-printed electrochemical arrays and an electronic nose

Renou JP, Deponge C, Gachon P, Bonnefoy JC, Coulon JB, Garel JP, Verite R, Ritz P// INRA Theix, Equipe STIM, FR-63122 St Genes Champanelle, France

Food Chem 2004 **85** (1) 63

Characterization of animal products according to geographic origin and feeding diet using nuclear magnetic resonance and isotope ratio mass spectrometry: Cow milk

14. Plant & microbial products

Berregi I, Santos JI, Del Campo G, Miranda JI, Aizpurua JM// Univ Basque Country, Fac Chem, Dept Appl Chem, Manuel Lardizabal 3, ES-20018 San Sebastian, Spain

Anal Chim Acta 2003 **486** (2) 269

Quantitation determination of chlorogenic acid in cider apple juices by ^1H NMR spectrometry

Campanella L, Bonanni A, Favero G, Tomassetti M// Univ Roma La Sapienza, Dept Chem, Ple Aldo Moro 5, IT-00185 Rome, Italy

Anal Bioanal Chem 2003 **375** (8) 1011

Determination of antioxidant properties of aromatic herbs, olives and fresh fruit using an enzymatic sensor

Castineira MD, Burba P, Jakubowski N, Andersson J// Inst Spektrochem & Angew Spektroskopie, Bunsen Kirchhoff Str 11, DE-44139 Dortmund, Germany

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Schoefs B// Univ Grenoble 1, CNRS-FRE 2383, Lab Plasticite & Expression Genome Microbien, 260 rue Piscine, BP 53, FR-38041 Grenoble, France

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