

Bibliography of analytical, nutritional and clinical methods

(3 weeks journals. Search completed at 24th. Sept. 2003)

1. Books, reviews & symposia

Ahmed FE// East Carolina Univ, Dept Radiat Oncol, Leo W Jenkins Canc Ctr, Brody Sch Med, Greenville, NC 27858, USA

Trends Anal Chem 2003 **22** (1-2) 170

Analysis of polychlorinated biphenyls in food products

Augusto F, Lopes ALE, Zini CA// State Univ Campinas, Inst Chem, CP 6154, BR-13083-907 Campinas, SP, Brazil

Trends Anal Chem 2003 **22** (3) 160

Sampling and sample preparation for analysis of aromas and fragrances

Mannina L, Calcagni C, Rossi E, Segre A// Univ Molise, Fac Sci MM FF NN, Via Mazzini 8, IT-86170 Isernia, Italy

Ann Chim-Rome 2003 **93** (1-2) 97

Review about olive oil characterization using high-field nuclear magnetic resonance

Pico Y, Rodriguez R, Manes J// Univ Valencia, Lab Bromatol & Toxicol, Fac Farm, Avda Vicent Andres Estelles s/n, ES-46100 Burjassot, Spain

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Capillary electrophoresis for the determination of pesticide residues

2. General

Bohnke C, Duroy H, Fourquet JL// Univ Maine, Fac Sci & Tech, Lab Fluorures, UMR CNRS 6010, Ave O Messiaen, FR-72085 Le Mans 09, France

Sensor Actuator B-Chem 2003 **89** (3) 240

pH sensors with lithium lanthanum titanate sensitive material: Applications in food industry

4. Carbohydrates

Reiffova K, Podolonovidova J, Orinak A, Florian K, Gondova T// Safarik Univ, Inst Chem Sci, Dept Phys & Analyt Chem, Moyzesova 11, SK-04154 Kosice, Slovakia

J Planar Chromatogr Mod TLC 2003 **16** (1) 52

Preliminary TLC analysis of fructooligosaccharides as feed additives

5. Lipids

Hirowatari Y, Yoshida H, Kurosawa H, Doumitu K, Tada N// Tosoh Corp, Sci Instruments Div, 2743-1 Hayakawa, Ayase shi, Kanagawa 252 1123, Japan

J Lipid Res 2003 **44** (7) 1404

Measurement of cholesterol of major serum lipoprotein classes by anion-exchange HPLC with perchlorate ion-containing eluent

Li JP, Peng TZ// *Zhejiang Univ, Dept Chem, Xixi Campus, CN-310028 Hangzhou, Peoples Rep China

Chem J Chinese Univ-Chinese 2003 **24** (5) 798

Cholesterol biosensors based on cholesterol oxidase immobilized in a silica sol-gel matrix on a Prussian Blue modified electrode (Chinese, English Abstract)

Mignani AG, Smith PR, Ciaccheri L, Cimato A, Sani G// CNR, Ist Fis Applicata Nello Carrara, Optoelect & Photon Dept, Via Panciatichi 64,

IT-50127 Florence, Italy

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Simonet BM, Rios A, Grases F, Valcarcel M// *Univ Cordoba, Dept Analyt Chem, Campus Rabanales, ES-14071 Cordoba, Spain

Electrophoresis 2003 **24** (12-13) 2092

Determination of myo-inositol phosphates in food samples by flow injection-capillary zone electrophoresis

6. Vitamins & co-factors

Dilgin Y, Dursun Z, Nisli G// Ege Univ, Fac Sci, Dept Chem, TR-35100 Izmir, Turkey

Turk J Chem 2003 **27** (2) 167

Flow injection amperometric determination of ascorbic acid using a photo-electrochemical reaction after immobilization of methylene blue on muscovite

Jiang CW, Ren QL, Wu PD// Zhejiang Univ, Natl Lab Secondary Resources Chem Engr, CN-310027 Hangzhou, Peoples Rep China

J Chromatogr A 2003 **1004** (1-2) 155

Study on retention factor and resolution of tocopherols by supercritical fluid chromatography

Mauri-Aucejo AR, Llobat-Estelles M, Marin-Saez R// Univ Valencia, Dept Quim Analit, Dr Moliner 50, ES-46100 Valencia, Spain

Anal Bioanal Chem 2003 **375** (5) 643

Characterisation of quaternary mixtures by the apparent content curves method: Identification of tocopherols in vegetable oils

Mielech K// Univ Bialystok, Inst Chem, Hurtowa 1, PL-15399 Bialystok, Poland

J Trace Microprobe Tech 2003 **21** (1) 111

Simultaneous voltammetric determination of riboflavin and L-ascorbic acid in multivitamin pharmaceutical preparations

Rychlik M, Netzel M, Pfannebecker I, Frank T, Bitsch I// Tech Univ Munich, Inst Lebensmittelchem, Lichtenbergstr 4, DE-85748 Garching, Germany

J Chromatogr B 2003 **792** (2) 167

Application of stable isotope dilution assays based on liquid chromatography-tandem mass spectrometry for the assessment of folate bioavailability

Talwar D, Quasim T, McMillan DC, Kinsella J, Williamson C, O'Reilly DS// Royal Infirm, Dept Biochem, Glasgow G31 2ER, Scotland

J Chromatogr B 2003 **792** (2) 333

Optimisation and validation of a sensitive high-performance liquid chromatography assay for routine measurement of pyridoxal 5-phosphate in human plasma and red cells using pre-column semicarbazide derivatisation

Teixeira MFS, Segnini A, Moraes FC, Marcolino LH, Fatibello O, Cavalheiro ETG// *Univ Sao Paulo, Inst Quim Sao Carlos, CP 780, BR-13566-590 Sao Carlos, SP, Brazil

J Brazil Chem Soc 2003 **14** (2) 316

Determination of vitamin B₆ (pyridoxine) in pharmaceutical preparations by cyclic voltammetry at a copper(II) hexacyanoferrate(III) modified carbon paste electrode

7. Trace elements & minerals

Alonso J, Artigas J, Jimenez C// Univ Autonoma Barcelona, Edifici Cn,

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.

- ES-08228 Bellaterra, Spain
Talanta 2003 **59** (6) 1245
 Analysis and identification of several apple varieties using ISFETs sensors
 Borges DLG, Da Veiga MAMS, Frescura VLA, Welz B, Curtius AJ*// *Univ Fed Santa Catarina, Dept Quim, BR-88040-900 Florianopolis SC, Brazil
J Anal Atom Spectrom 2003 **18** (5) 501
 Cloud-point extraction for the determination of Cd, Pb and Pd in blood by electrothermal atomic absorption spectrometry, using Ir or Ru as permanent modifiers
 Cava-Montesinos P, Cervera ML*, Pastor A, De la Guardia M// *Univ Valencia, Dept Analyt Chem, Res Bldg, 50 Dr Moliner St, ES-46100 Valencia, Spain
Anal Chim Acta 2003 **481** (2) 291
 Hydride generation atomic fluorescence spectrometric determination of ultra-traces of selenium and tellurium in cow milk
 Chen CY// Chung Shan Med Univ, Sch Med Imaging Tech, Taichung 40227, Taiwan
Appl Radiat Isot 2003 **58** (4) 423
 Optimal conditions for identifying ⁸⁰Br and ¹²⁸I in health food *Angelica keiskei* using rapid epithermal neutron activation analysis
 Coelho NMM, Parrilla CN, Cervera ML*, Pastor A, De la Guardia A// *Univ Valencia, Dept Analyt Chem, Edificio Invest, 50 Dr Moliner St, ES-46100 Valencia, Spain
Anal Chim Acta 2003 **482** (1) 73
 High performance liquid chromatography-atomic fluorescence spectrometric determination of arsenic species in beer samples
 Delgado-Vasallo O, Pena JL, Martinez ESM, Calderon A, Rodriguez GP, Fonseca MRJ, Marin E*// *Univ Havana, Fac Fis - IMRE, San Lazaro y L Vedado, CU-10400 Havana, Cuba
Anal Sci 2003 **19** (4) 599
 Photoacoustic determination of iron in corn meal
 Fili SP, Oliveira E, Oliveira PV*// *Univ Sao Paulo, Inst Quim, 26077, BR-05513-970 Sao Paulo, Brazil
J Brazil Chem Soc 2003 **14** (3) 435
 On-line digestion in a focused microwave-assisted oven for elements determination in orange juice by inductively coupled plasma optical emission spectrometry
 Grinberg P, Campos RC, Mester Z, Sturgeon RE*// *Natl Res Council Canada, Inst Natl Measurement Stand, Ottawa, Ontario, Canada K1A 0R6
Spectrochim Acta Pt B Atom Spect 2003 **58** (3) 427
 Solid phase microextraction capillary gas chromatography combined with furnace atomization plasma emission spectrometry for speciation of mercury in fish tissues
 Melwanki MB, Seetharamappa J*, Masti SP// *Karnatak Univ, Dept Chem, IN-580003 Dharwad, India
Indian J Chem Sect A 2003 **42** (3) 576
 Spectrophotometric determination of iron(III) in ore, pharmaceutical formulations, plant material and foodstuff using piroxicam
 Nischwitz V, Michalke B, Kettrup A// Natl Res Ctr Environm & Hlth, Inst Ecol Chem, Ingolstadter Landstr 1, DE-85764 Neuherberg, Germany
J Anal Atom Spectrom 2003 **18** (5) 444
 Extraction and characterisation of trace element species from porcine liver samples using online HPLC-ICP-MS and offline HPLC-ESI-MS
 Reddy KH, Prasad NBL, Reddy TS// Sri Krishnadevaraya Univ, Dept Chem, IN-515003 Anantapur, India
Talanta 2003 **59** (3) 425
 Analytical properties of 1-phenyl-1,2-propanedione-2-oxime thiosemicarbazone: Simultaneous spectrophotometric determination of copper(II) and nickel(II) in edible oils and seeds
 Sloth JJ, Larsen EH*, Bugel SH, Moesgaard S// *Danish Vet & Food Adm, Inst Food Safety & Nutr, 19 Morkhoj Bygade, DK-2860 Soborg, Denmark
J Anal Atom Spectrom 2003 **18** (4) 317
 Determination of total selenium and ⁷⁷Se in isotopically enriched human samples by ICP-dynamic reaction cell-MS
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J Brazil Chem Soc 2003 **14** (2) 259
 Monosegmented flow potentiometric titration for the determination of chloride in milk and wine
 Validation of analytical methods based on mass spectrometric detection according to the "2002/657/EC" European decision: Guideline and application
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 Determination of 81 multiclass pesticides in fresh foodstuffs by a single injection analysis using gas chromatography-chemical ionization and electron ionization tandem mass spectrometry
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J Chromatogr A 2003 **1004** (1-2) 131
 Reduction of analysis time in gas chromatography application of low-pressure gas chromatography-tandem mass spectrometry to the determination of pesticide residues in vegetables
 Conneely A, Nugent A, O'Keefe M*, Mulder PPJ, Van Rhijn JA, Kovacsics L, Fodor A, McCracken RJ, Kennedy DG// *Teagasc, Natl Food Ctr, Dublin 15, Rep Ireland
Anal Chim Acta 2003 **483** (1-2) 91
 Isolation of bound residues of nitrofurans from tissue by solid-phase extraction with determination by liquid chromatography with UV and tandem mass spectrometric detection
 Crooks SRH, McCarney B, Traynor IM, Thompson CS, Floyd S, Elliott CT// Dept Agr & Rural Dev, Vet Sci Div, Belfast BT4 3SD, Northern Ireland
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 Detection of levamisole residues in bovine liver and milk by immunobiosensor
 Danahera M, O'Keefe M*, Glennon JD// *Teagasc, Natl Food Ctr, Dublin 15, Rep Ireland
Anal Chim Acta 2003 **483** (1-2) 313
 Development and optimisation of a method for the extraction of benzimidazoles from animal liver using supercritical carbon dioxide
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Anal Chim Acta 2003 **483** (1-2) 111
 Liquid chromatographic-electrospray tandem mass spectrometric method for the determination of mebendazole and its hydrolysed and reduced metabolites in sheep muscle
 Delahaut P, Levaux C, Eloy P, Dubois A// CER, Lab Hormonal, rue Carmel 1, BE-6900 Marloie, Belgium
Anal Chim Acta 2003 **483** (1-2) 335
 Validation of a method for detecting and quantifying tranquillisers and a β -blocker in pig tissues by liquid chromatography-tandem mass spectrometry
 Fodey TL, Connolly L, Crooks SRH, Delahaut P, Elliott CT// Dept Agr & Rural Dev, Vet Sci Div, Stoney Rd, Belfast BT4 3SD, Northern Ireland
Anal Chim Acta 2003 **483** (1-2) 193
 Production and characterisation of polyclonal antibodies to a range of nitroimidazoles
 Furusawa N// Osaka City Univ, Grad Sch Human Life Sci, Osaka 558 8585, Japan
Anal Chim Acta 2003 **481** (2) 255
 Rapid high-performance liquid chromatographic determining technique of sulfamonomethoxine, sulfadimethoxine, and sulfaquinoxaline in eggs without use of organic solvents
 Furusawa N// Address as above
LC GC North Am 2003 **21** (4) 362
 An organic solvent-free method for determining oxytetracycline in cow's milk
 Gantverg A, Shishani I, Hoffman M// Maxxam Analytics Inc, 5540 McAdam Rd, Mississauga, Ontario, Canada L4Z 1P1
Anal Chim Acta 2003 **483** (1-2) 125
 Determination of chloramphenicol in animal tissues and urine. Liquid chromatography-tandem mass spectrometry versus gas chromatography-mass spectrometry
 Haasnoot W, Bienenmann-Ploum M, Kohen F// State Inst Qual Control Agr Prod, POB 230, NL-6700 AE Wageningen, The Netherlands
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 Biosensor immunoassay for the detection of eight sulfonamides in chicken serum
 Hamscher G, Priess B, Hartung J, Nogossek MI, Glunder G, Nau H// Sch Vet Med, Ctr Food Sci, Dept Food Toxicol, Bischofsholer Damm 15, DE-30173 Hannover, Germany
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 Determination of propoxur residues in eggs by liquid chromatography-diode array detector after treatment of stocked housing facilities for the poultry red mite (*Dermanyssus gallinae*)
 Hooijerink H, Van Bennekom EO, Nielen MWF// State Inst Qual Control Agr Prod, Rijks-Kwaliteitsinstituut Land Tuinbouwproducten, Bornsesteeg 45, POB

8. Drug, biocide & processing residues

Antignac JP, Le Bizec B, Monteau F, Andre F// Ecole Natl Vet Nantes, LABERCA, BP 50707, FR-44307 Nantes 3, France
Anal Chim Acta 2003 **483** (1-2) 325

- 230, NL-6700 AE Wageningen, The Netherlands
Anal Chim Acta 2003 **483** (1-2) 51
 Screening for gestagens in kidney fat using accelerated solvent extraction and liquid chromatography electrospray tandem mass spectrometry
- Impens S, Reybroeck W, Vercammen J, Courtheyn D, Ooghe S, De Wasch K, Smedts W, De Brabander H// State Univ Ghent, Fac Vet Med, Dept Vet Food Inspect, Lab Chem Anal, Salisburylaan 133, BE-9820 Merelbeke, Belgium
Anal Chim Acta 2003 **483** (1-2) 153
 Screening and confirmation of chloramphenicol in shrimp tissue using ELISA in combination with GC-MS² and LC-MS²
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 Faster analysis of anabolic steroids in kidney fat by downscaling the sample size and using gas chromatography-tandem mass spectrometry
- Inoue K, Yoshimura Y, Nakazawa H// *Hoshi Univ, Fac Pharmaceut Sci, Dept Analyt Chem, 2-4-41 Ebara, Shinagawa ku, Tokyo 142 8501, Japan
J Liq Chromatogr Relat Technol 2003 **26** (12) 1877
 Development of high-performance liquid chromatography-electrospray mass spectrometry with size-exclusion chromatography for determination of acrylamide in fried foods
- Jacomini AE, Bonato PS*, Avelar WEP// *USP, Fac Ciencias Farmaceut Ribeirao Preto, Avda Cafe s/n, BR-14040-903 Ribeirao Preto, Brazil
J Liq Chromatogr Relat Technol 2003 **26** (12) 1885
 HPLC method for the analysis of atrazine in freshwater bivalves
- Martinez-Galera M, Lopez-Lopez T, Gil-Garcia MD*, Martinez-Vidal JL, Picon-Zamora D, Cuadros-Rodriguez L// *Univ Almeria, Dept Analyt Chem, ES-04071 Almeria, Spain
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 A comparative study of the correction of systematic errors in the quantitation of pyrethroids in vegetables using calibration curves prepared using standards in pure solvent
- Mateu-Sanchez M, Moreno M, Arrebola FJ, Vidal JLM// *Univ Almeria, Dept Analyt Chem, ES-04120 Almeria, Spain
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- McCarney B, Traynor IM, Fodey TL, Crooks SRH*, Elliott CT// *Dept Agr & Rural Dev, Vet Sci Div, Residue Lab, Stoney Rd, Belfast BT4 3SD, Northern Ireland
Anal Chim Acta 2003 **483** (1-2) 165
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- Mortier L, Daeseleire E*, Delahaut P// *Minist Flemish Community, Agr Res Ctr Ghent-CLO, Dept Anim Prod Qual & Transformat Technol, BE-9090 Melle, Belgium
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 Simultaneous detection of five coccidiostats in eggs by liquid chromatography-tandem mass spectrometry
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 Value of alternative sample matrices in residue analysis for stanzolol
- Posyniak A, Zmudzki J, Niedzielska J// Natl Inst Vet Res, Dept Pharmacol & Toxicol, Partyzantow 57, PL-24100 Pulawy, Poland
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 Evaluation of sample preparation for control of chloramphenicol residues in porcine tissues by enzyme-linked immunosorbent assay and liquid chromatography
- Ramos F, Cristino A, Carrola P, Eloy T, Silva JM, Castilho MD, Da Silveira MIN// Univ Coimbra, Fac Farm, Lab Bromatol Hidrol & Nutr, PT-3000 295 Coimbra, Portugal
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- Roybal JE, Pfenning AP, Turnipseed SB, Gonzales SA// Denver Fed Ctr, Anim Drugs Res Ctr, Food & Drug Adm, POB 25087, Denver, Co 80225, USA
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 Application of size-exclusion chromatography to the analysis of shrimp for sulfonamide residues
- Schneider MJ, Donoghue DJ// USDA/ARS, Eastern Reg Res Ctr, 600 East Mermaid Lane, Wyndmoor, Pa 19038, USA
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 Multiresidue determination of fluoroquinolone antibiotics in eggs using liquid chromatography fluorescence-mass spectrometry
- Shishani E, Chai SC, Jamokha S, Aznar G, Hoffman MK// Maxxam Analytics Inc, 5540 McAdam Rd, Mississauga, Ontario, Canada L4Z 1P1
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 Determination of ractopamine in animal tissues by liquid chromatography-fluorescence and liquid chromatography/tandem mass spectrometry
- Stolker AAM, Van Tricht EF*, Zootjes PW, Van Ginkel LA, Stephany RW// *Natl Inst Publ Hlth & Environm, Lab Residue Anal, POB 1, NL-3720 BA Bilthoven, The Netherlands
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- Suhren G, Knapstein K// Fed Dairy Res Ctr, Inst Hyg & Food Safety, Hermann Weigmann Str 1, DE-24103 Kiel, Germany
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 Detection of cefquinome in milk by liquid chromatography and screening methods
- Traynor IM, Crooks SRH, Bowers J, Elliott CT// Dept Agr & Rural Dev, Vet Sci Div, Biochem Sect, Stoney Rd, Belfast BT4 3SD, Northern Ireland
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 Detection of multi- β -agonist residues in liver matrix by use of a surface plasma resonance biosensor
- Turnipseed SB, Roybal JE, Pfenning AP, Kijak PJ// Food & Drug Adm, Anim Drugs Res Ctr, POB 25087, Lakewood, Co 80225, USA
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 Use of ion-trap liquid chromatography-mass spectrometry to screen and confirm drug residues in aquacultured products
- Van Loco J, Hanot V, Huysmans G, Elskens M, Degroodt JM, Beemaert H// Sci Inst Publ Hlth, J Wytmanstr 14, BE-1050 Brussels, Belgium
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 Estimation of the minimum detectable value for the determination of PCBs in fatty food samples by GC-ECD: A curvilinear calibration case
- Yang L, Mester Z, Sturgeon RE// Natl Res Council Canada, Inst Natl Measurement Stand, Ottawa, Ontario, Canada K1A 0R6
J Anal Atom Spectrom 2003 **18** (5) 431
 Determination of methylmercury in fish tissues by isotope dilution SPME-GC-ICP-MS

9. Toxins/Allergens

- Fasina YO, Swaisgood HE, Garlich JD, Classen HL// Auburn Univ, Dept Poultry Sci, Auburn, Al 36849, USA
J Agric Food Chem 2003 **51** (16) 4532
 A semi-pilot-scale procedure for isolating and purifying soybean (*Glycine max*) lectin
- Zhang HX, Wang YW, Zhang XY, Liu MC, Hu ZD// Lanzhou Univ, Dept Chem, CN-730000 Lanzhou, Peoples Rep China
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 Analysis of vicine in bitter melon with high performance liquid chromatography

10. Additives

- Bocca B, Cartoni C, Di Mattia M, Fiori M, Felli M, Neri B, Russo MV, Brambilla G// *Ist Super Sanita, Lab Med Vet, Viale Regina Elena 299, IT-00161 Rome, Italy
J Sep Sci 2003 **26** (5) 363
 Feed additives in animal nutrition: Quantification of a new adrenergic drug by hyphenated techniques
- Gamba V, Dusi G// *Inst Zooprofilattico Sperimentale Lombardia Emili Romagna, Via Bianchi 7, IT-25124 Brescia, Italy
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 Liquid chromatography with fluorescence detection of amoxicillin and ampicillin in feeds using pre-column derivatization
- Melo D, Zagatto EAG*, Mattos IL, Maniasso N// *Univ Sao Paulo, Ctr Energia Nucl Agr, CP 96, BR-13400-970 Piracicaba, SP, Brazil
J Brazil Chem Soc 2003 **14** (3) 375
 Spectrophotometric flow-injection determination of sulphite in white wines involving gas diffusion through a concentric tubular membrane
- Pecorelli I, Galarini R, Bibi R, Floridi A, Casciarri E, Floridi A// Ist Zooprofilattico Sperimentale Umbria & Marche, Via Salvemini 1, IT-06100 Perugia, Italy
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 Simultaneous determination of 13 quinolones from feeds using accelerated solvent extraction and liquid chromatography
- Prosek M, Simonovska B, Golc-Wondra A, Vovk I, Andresek S, Micovic E,

Golob T// Natl Inst Chem, Ljubljana, Slovenia
J Planar Chromatogr Mod TLC 2003 **16** (1) 58
 Use of HPTLC for quantitative evaluation of inulin in food products

Van Poucke C, De Keyser K, Baltusnikiene A, McEvoy JDG, Van Peteghem C// State Univ Ghent, Fac Pharmaceut Sci, Lab Food Anal, Harelbekestr 72, BE-9000 Ghent, Belgium
Anal Chim Acta 2003 **483** (1-2) 99
 Liquid chromatographic-tandem mass spectrometric detection of banned anti-bacterial growth promoters in animal feed

Weisz A, Andrzejewski D// US/FDA, Ctr Food Safety & Appl Nutr, Off Cosmet & Colors, 5100 Paint Branch Pkwy, College Pk, Md 20740, USA
J Chromatogr A 2003 **1004** (1-2) 143
 Identification of 2-bromo-3,4,5,6-tetrachloroaniline and its quantification in the color additives D & C Red Nos. 27 and 28 (phloxine B) using solid-phase microextraction and gas chromatography-mass spectrometry

11. Flavours & aromas

Bianchi F, Carerl M, Mangia A, Musci M*// *Univ Parma, Dipt Chim Gen & Inorgan Chim Analit & Chim Fis, Parco Area Sci 17/A, IT-43100 Parma, Italy
J Sep Sci 2003 **26** (5) 369
 Optimization of headspace sampling using solid-phase microextraction for chloroanisoles in cork stoppers and gas chromatography-ion-trap tandem mass spectrometric analysis

Di Natale C, Pennazza G, Macagnano A, Martinelli E, Paolesse R, D'Amico A// Univ Roma Tor Vergata, Dept Elect Engr, Via Politecn 1, IT-00133 Rome, Italy
Sensor Actuator B-Chem 2003 **91** (1-3) 169
 Thickness shear mode resonator sensors for the detection of androstenone in pork fat

Gomez-Gil C, Gonzalez-Cortes A, Agui L, Yanez-Sedeno P, Pingarron JM*// *Univ Complutense Madrid, Fac Chem, Dept Analyt Chem, ES-28040 Madrid, Spain
Indian J Chem Sect A 2003 **42** (4) 272
 Voltammetric behaviour of indole at carbon fibre microelectrodes in organic solvents: Application to the determination of indole in food samples

Jorge K, Trugo LC*// *Univ Fed Rio de Janeiro, Inst Chim, Lab 528, Bloco A, CT, BR-21949-900 Rio de Janeiro, Brazil
J Brazil Chem Soc 2003 **14** (3) 411
 Discrimination of different hop varieties using headspace gas chromatographic data

Legin A, Rudnitskaya A, Lvova L, Vlasov Y, Di Natale C, D'Amico A// St Petersburg State Univ, Dept Chem, Universitetskaya nab 7-9, RU-199034 St Petersburg, Russia
Anal Chim Acta 2003 **484** (1) 33
 Evaluation of Italian wine by the electronic tongue: Recognition, quantitative analysis and correlation with human sensory perception

12. Organic acids

Belyukova SV, Teslyuk OI, Tselik EI, Egorova AV, Liventsova EO// Odessa State Acad Food Technol, ul Kanatnaya 112, UA-65033 Odessa, Ukraine
J Anal Chem-Engl Tr 2003 **58** (4) 351
 Luminescence determination of dehydracetic acid in wines

Buiarelli F, Cartoni G, Coccioli F, Jasionowska R*// *Univ Roma La Sapienza, Dipt Chim, P A Moro 5, IT-00185 Rome, Italy
J Sep Sci 2003 **26** (5) 425
 Capillary zone electrophoresis of some organic acids in milk whey

Mizutani F, Hirata Y, Yabuki S, Iijima S// Natl Inst Adv Ind Sci & Technol, Cent 6, 1-1-1 Higashi, Tsukuba, Ibaraki 305 8566, Japan
Sensor Actuator B-Chem 2003 **91** (1-3) 195
 Flow injection analysis of acetic acid in food samples by using trienzyme/poly(dimethylsiloxane)-bilayer membrane-based electrode as the detector

Saavedra L, Barbas C*// *28668 Boadilla del Monte, Madrid, Spain
Electrophoresis 2003 **24** (12-13) 2235
 Validated capillary electrophoresis method for small-anions measurement in wines

13. Animal products

Ferreira IMPLVO// Univ Porto, Fac Farm, Serv Bromatol, CEQUP, R Anibal Cunha 164, PT-4050-047 Oporto, Portugal
Br J Nutr 2003 **90** (1) 127

Quantification of non-protein nitrogen components of infant formulae and follow-up milks: Comparison with cows' and human milk

14. Plant & microbial products.

Asenstorfer RE, Iland PG, Tate ME, Jones GP*// *Univ Adelaide, Sch Agr & Wine, Waite Campus, PMB 1, Glen Osmond, SA 5064, Australia
Anal Biochem 2003 **318** (2) 291
 Charge equilibria and pK_a of malvidin-3-glucoside by electrophoresis

Bianco A, Buiarelli F, Cartoni G*, Coccioli F, Jasionowska R, Margherita P// *University Roma La Sapienza, Dipartimento Chim, P A Moro 5, IT-00185 Rome, Italy
J Sep Sci 2003 **26** (5) 409
 Analysis by liquid chromatography-tandem mass spectrometry of biophenolic compounds in olives and vegetation waters, Part 1

Bianco A, Buiarelli F, Cartoni G*, Coccioli F, Jasionowska R, Margherita P// *Address as above
J Sep Sci 2003 **26** (5) 417
 Analysis by liquid chromatography-tandem mass spectrometry of biophenolic compounds in virgin olive oil, Part II

Dandekar DV, Gaikar VG*// *Univ Bombay, Univ Inst Chem Technol, IN-400019 Bombay, India
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