

Bibliography of analytical, nutritional and clinical methods

(3 weeks journals - Search completed at 1st July 1998)

1 BOOKS, REVIEWS & SYMPOSIA

- Bergann T, Abel P// Free Univ Berlin, Inst Lebensmittelhyg, Luisenstr 56, DE-10117 Berlin, Germany
Arch Lebensmittelhyg 1998 **49** (2) 39
 Potential and limitations for the application of biosensors controlling quality and safety of food (German, English Abstract)
- Christie WW// Scottish Crop Res Inst, Dundee DD2 5DA, Scotland
Analisis 1998 **26** (3) M34
 Some recent advances in the chromatographic analysis of lipids
- Ryan D, Robards K*// *Charles Sturt Univ, POB 588, Wagga Wagga, NSW 2678, Australia
Analyst 1998 **123** (5) R31
 Phenolic compounds in olives (Review)
- Wiles PG, Gray IK, Kissling RC// New Zealand Dairy Res Inst, Private Bag 11 029, Palmerston North, New Zealand
J AOAC Int 1998 **81** (3) 620
 Routine analysis of proteins by Kjeldahl and Dumas methods: Review and interlaboratory study using dairy products
- Yuasa Y// Environm Immunochem Technol Co Ltd, Minato ku, 1-27-14 Hamamatsu cho, Tokyo 1050013, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 61
 Analysis of pesticide residues by immunoassay (Review) (Japanese, English Abstract)

3 AMINO ACIDS, PROTEINS & ENZYMES

- Bean SR, Lyne RK, Tilley KA, Chung OK, Lookhart GL*// *USDA/ARS, US Grain Mkt Res Lab, Manhattan, KS 66502, USA
Cereal Chem 1998 **75** (3) 374
 A rapid method for quantitation of insoluble polymeric proteins in flour
- Buttmer ET, Briggs DE// Univ Birmingham, Birmingham Malting & Brewing Grp, POB 363, Birmingham B15 2TT, England
J Inst Brew 1998 **104** (3) 157
 Improved extraction and assay of β -amylase from barley and malt
- Chen CS, Chen JJ, Wu TP, Chang CY*// *Da Yeh Inst Technol, Dept Food Engn, Changhua 515, Taiwan
J Sci Food Agr 1998 **77** (1) 64
 Optimising the frying temperature of gluten balls using response surface methodology
- Delwiche SR, Pierce RO, Chung OK, Seabourn BW// USDA/ARS, Beltsville Agr Res Ctr East, Instrumental & Sensing Lab, Beltsville, MD 20705, USA
J AOAC Int 1998 **81** (3) 587
 Protein content of wheat by near-infrared spectroscopy of whole grain: Collaborative study
- Ichimura M, Okamoto M, Mori S, Tohge H, Ochi K, Harada H// Okayama Univ, Sch Hlth Sci, 2-5-1 Shikata cho, Okayama 700, Japan
Electrophoresis 1998 **19** (5) 687
 Affinity isoelectric focusing on human serum apolipoprotein B-containing lipoproteins on agarose gels with cyclodextrins
- Klampfl CW, Buchberger W, Turner M, Fritz GS// Johannes Kepler Univ, Inst Analyt Chem, Altenbergrstr 69, AU-4040 Linz, Austria
J Chromatogr A 1998 **804** (1-2) 349
 Determination of underivatized amino acids in beverage samples by capillary electrophoresis
- Lupke M, Bruckner H*// *Univ Giessen, Dept Food Sci, DE-35390 Giessen,

Germany

- Z Lebensm Unters Forsch A-Food* 1998 **206** (5) 323
 Gas chromatographic evaluation of amino acid epimerisation of the course of gelatin manufacturing and processing
- Mesli S, Demaillly S, Le Moigne F, Derache P*, Jouzier E// *Fac Pharmaceut Sci, FR-33076 Bordeaux, France
Clin Chim Acta 1998 **272** (2) 183
 Evaluation of the new automated ELISA Vidas® Lp(a) assay: Comparison with an immunoephelemetric method
- Nicolas Y, Martinant JP, Denery Papina S, Popineau Y*// *INRA, Unite Biochim & Technol Prot, rue Geraudiere, BP 71627, FR-44316 Nantes 03, France
J Sci Food Agr 1998 **77** (1) 96
 Analysis of wheat storage proteins by exhaustive sequential extraction followed by RP-HPLC and nitrogen determination
- Schafer A, Drewes W, Schwagle F*// *Bundesanstalt Fleischforsch, Inst Chem & Phys, EC Baumann Str 20, DE-95326 Kulmbach, Germany
Z Lebensm Unters Forsch A-Food 1998 **206** (5) 329
 Analysis of vitelline membrane proteins of fresh and stored eggs via HPLC
- Soufleros E, Bertrand A// Inst Enseignement Technol, Fac Technol Alimentaire & Nutr, GR-54101 Thessaloniki, Greece
Vitis 1998 **37** (1) 43
 Evaluation of an HPLC method adapted for the determination of amino acids in wine (French, English Abstract)
- Zappacosta F, Di Luccia A*, Ledda L, Addeo F// *CNR, Serv Spettrometr Massa, via Pansini 5, IT-80131 Naples, Italy
J Dairy Res 1998 **65** (2) 243
 Identification of C-terminally truncated forms of β -lactoglobulin in whey from Romagnola cows' milk by two dimensional electrophoresis coupled to mass spectrometry

4 CARBOHYDRATES

- Carriere CJ// USDA/ARS, Natl Ctr Agr Utilizat Res, Biomat Proc Res Unit, 1815 Nth Univ St, Peoria, IL 61604, USA
Cereal Chem 1998 **75** (3) 360
 Evaluation of the entanglement molecular weights of maize starches from solution rheological measurements
- Craig SAS, Holden JF, Troup JP, Auerbach MH, Frier HI// Cultor Food Sci, Ardsley, NY 10502, USA
Cereal Food World 1998 **43** (5) 370
 Polydextrose as soluble fiber: Physiological and analytical aspects
- Farhat IA, Loisel E, Saez P, Derbyshire W, Blanshard JMV// Univ Nottingham, Dept Appl Biochem & Food Sci, Sutton Bonington Campus, Loughborough LE12 5RD, England
Int J Food Sci Technol 1997 **32** (5) 377
 The effect of sugars on the diffusion of water in starch gels: A pulsed field gradient NMR study
- Feurle J, Jomaa H, Wilhelm M, Gutsche B, Herderich M*// *Univ Wurzburg, Lehrstuhl Lebensmittelchem, DE-97074 Wurzburg, Germany
J Chromatogr A 1998 **803** (1-2) 111
 Analysis of phosphorylated carbohydrates by high-performance liquid chromatography-electrospray ionization tandem mass spectrometry utilising a β -cyclodextrin bonded stationary phase
- Kacurakova M, Belton PS, Wilson RH, Hirsch J, Ebringrova A// Slovak Acad Sci, Inst Chem, Dubravská Cesta 9, SK-84238 Bratislava, Slovakia
J Sci Food Agr 1998 **77** (1) 38
 Hydration properties of xylan-type structures: An FTIR study of xylooligosac-

- charides
- Kaine LA, Wolnik KA// US/FDA, 1141 Cent Pkwy, Cincinnati, Oh 45202, USA
J Chromatogr A 1998 **804** (1-2) 279
 Detection of counterfeit and relabeled infant formulas by high-pH anion-exchange chromatography pulsed amperometric detection for the determination of sugar profiles
- Skoglund E, Carlsson NG, Sandberg AS// Chalmers Univ Technol, Dept Food Sci, SE-40229 Gothenburg, Sweden
J Agr Food Chem 1998 **46** (5) 1877
 High-performance chromatographic separation of inositol phosphate isomers on strong anion exchange columns
- Talamond P, Gallon G, Treche S// ORSTOM, Lab Biotechnol Microbienne Trop, BP 5045, 911 Ave Agropolis, FR-34032 Montpellier, France
J Chromatogr A 1998 **805** (1-2) 143
 Rapid and sensitive liquid chromatographic method using a conductivity detector for the determination of phytic acid in food
- ## 5 LIPIDS
- Aubourg SP, Sotelo CG, Perez-Martin R// CSIC, Inst Invest Marinas, C/ E Cabello 6, ES-36208 Vigo, Spain
J Amer Oil Chem Soc 1998 **75** (5) 575
 Assessment of quality changes in frozen sardine (*Sardina pilchardus*) by fluorescence detection
- Berdeaux O, Juaneda P, Sebedio JL// INRA, Unite Nutr Lipid, 17 rue Scully, FR-21034 Dijon, France
Analisis 1998 **26** (3) M45
 Analysis of conjugated and *trans* fatty acids after derivatization
- Dobarganes C// Inst Grasa, Avda Padre Garcia Tejero 4, ES-41012 Seville, Spain
OCL-OI Corps Gras Lipides 1998 **5** (1) 41
 Formation and analysis of high molecular-weight compounds in frying fats and oils
- Dobarganes MC, Marquez-Ruiz G// CSIC, Inst Grasa & Derivados, Avda Padre Garcia Tejero 4, ES-41010 Seville, Spain
Analisis 1998 **26** (3) M61
 Analytical evaluation of fats and oils by size-exclusion chromatography
- Fraga MJ, Fontecha J*, Lozada L, Juarez M// *CSIC, Inst Frio, Dept Dairy Prod, Ciudad Univ s/n, ES-28040 Madrid, Spain
J Agr Food Chem 1998 **46** (5) 1836
 Silver ion adsorption thin layer chromatography and capillary gas chromatography in the study of the composition of milk fat triglycerides
- Gloniek TJ// Midwestern Univ, MR Lab, 5200 5th Ellis Ave, Chicago, IL 60615, USA
J Amer Oil Chem Soc 1998 **75** (5) 569
³¹P nuclear magnetic resonance phospholipid analysis of anionic-enriched lecithins
- Grandgirard A, Cordelet C// INRA, Unite Nutr Lipid, FR-21034 Dijon, France
Analisis 1998 **26** (3) M55
 Comparison between HPLC and GC for oxysterol analysis (French, English Abstract)
- Guillen MD, Cabo N// Univ Pais Vasco, Fac Farm, Paseo Univ 7, ES-01006 Vitoria, Spain
J Agr Food Chem 1998 **46** (5) 1788
 Relationships between the composition of edible oils and lard and the ratio of the absorbance of specific bands of their Fourier transform infrared spectra. Role of some bands of the fingerprint region
- Inoue T, Ando K, Kikugawa K*// *Tokyo Univ Pharm & Life Sci, Sch Pharm, 1432-1 Horinouchi, Hachioji, Tokyo 1920392, Japan
J Amer Oil Chem Soc 1998 **75** (5) 597
 Specific determination of malonaldehyde by *N*-methyl-2-phenylindole or thiobarbituric acid
- Jimenez-Carmona MM, Luque de Castro MD*// *Univ Cordoba, Dept Analyt Chem, ES-14004 Cordoba, Spain
Anal Chem 1998 **70** (10) 2100
 Reverse micelle formation for acceleration of the supercritical fluid extraction of cholesterol from food samples
- Kishimoto K, Kamata K, Onishi K, Nishijima M// Tokyo Metropolitan Res Lab Publ Hlth, Shinjuku ku, 3-24-1 Hyakunin cho, Tokyo 1690073, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 153
 Determination of fatty acid in health food (marine oil capsules) (Japanese, English Abstract)
- Le Quere JL, Semon E// INRA, Rech Aromes Lab, 17 rue Sully, FR-21034 Dijon, France
Analisis 1998 **26** (3) M40
 GC/FTIR for analysis of fatty acids of biological origin (French, English Abstract)
- Malyshov AM, Ponedelnikova EP, Strizhov NK// Kuban State Univ, ul Moskovskaya 2, RU-350072 Krasnodar, Russia
J Anal Chem-Engl Tr 1998 **53** (5) 485
 pH-Metric determination of fatty acid anions in vegetable oil
- Man YBC, Moh MH// Univ Pertanian Malaysia, Dept Food Technol, MY-3400 Serdang, Selangor, Malaysia
J Amer Oil Chem Soc 1998 **75** (5) 557
 Determination of free fatty acids in palm oil by near-infrared reflectance spectroscopy
- Parcerisa J, Richardson DG, Rafezas M, Codony R, Boatella J// Univ Barcelona, Dept Nutr & Food Sci, Avda Joan XXIII s/n, ES-08028 Barcelona, Spain
J Chromatogr A 1998 **805** (1-2) 259
 Fatty acid, tocopherol and sterol content of some hazelnut varieties (*Corylus avellana L.*) harvested in Oregon (USA)
- Perez-Vich B, Velasco L, Fernandez-Martinez JM// CSIC, Inst Agr Sostenible, Apdo 4084, ES-14080 Cordoba, Spain
J Amer Oil Chem Soc 1998 **75** (5) 547
 Determination of seed oil content and fatty acid composition in sunflower through the analysis of intact seeds, husked seeds, meal and oil by near-infrared reflectance spectroscopy
- Perona JS, Barron LJR, Ruiz-Gutierrez V// CSIC, Inst Grasa, Avda Padre Garcia Tejero 4, ES-41012 Seville, Spain
J Liq Chromatogr Relat Technol 1998 **21** (8) 1185
 Molecular prediction of rat liver triglycerides by high performance liquid chromatography
- Pineiro-Avila G, Salvador A, De la Guardia M*// *Univ Valencia, Dept Quim Analyst, Dr Moliner 50, ES-46100 Burjassot, Spain
Analyst 1998 **123** (5) 999
 Flow injection determination of free and total cholesterol in animal greases using enzymes in non-aqueous media
- Raoux R// Institute Corps Gras, rue Monge, Parc Ind, FR-33600 Pessac, France
Analisis 1998 **26** (3) M66
 Sensory analysis of edible fats and oils: Methodology and specificities (French, English Abstract)
- Rukunudin IH, White PJ, Bern CJ*, Bailey TB// *Iowa State Univ, Dept Agr & Biosyst Engn, 217 Davidson Hall, Ames, IA 50011, USA
J Amer Oil Chem Soc 1998 **75** (5) 563
 A modified method for determining free fatty acids from small soybean oil sample sizes
- Sultanovitch YA, Philipp O, Schmelewa M, Isengard HD*// *Univ Hohenheim, Inst Food Technol, Garbenstr 25, DE-70599 Stuttgart, Germany
Food Sci Technol Int 1998 **4** (3) 207
 A rapid method for the determination of lipids and fatty acids in bread by gas chromatography
- Ulberth F// Agr Univ Vienna, Dept Dairy Res & Bacteriol, Gregor Mendel Str 33, AU-1180 Vienna, Austria
Z Lebensm Unters Forsch A-Food 1998 **206** (5) 305
 A rapid headspace gas chromatographic method for the determination of the butyric acid content in edible fats
- Vlahov G// Contrada Fonte Umano, Ist Sperimentale Elaiotecn, IT-65013 Pescara, Italy
Magn Reson Chem 1998 **36** (5) 359
 Regiospecific analysis of natural mixtures of triglycerides using quantitative ¹³C nuclear magnetic resonance of acyl chain carbonyl carbons
- Woodbury SE, Evershed RP*, Rossell JB// *Univ Bristol, Sch Chem, Can tocks Close, Bristol BS8 1TS, England
J Chromatogr A 1998 **805** (1-2) 249
⁸¹³C analyses of vegetable oil fatty acid components, determined by gas chromatography combustion isotope ratio mass spectrometry, after saponification or regiospecific hydrolysis
- ## 6 VITAMINS & CO-FACTORS
- Chase GW, Long AR, Eitenmiller RR// US/FDA, Atlanta Ctr Nutrient Anal, 60 8th St, Atlanta, GA 30309, USA
J AOAC Int 1998 **81** (3) 577

- Liquid chromatographic method for analysis of all-*rac*- α -tocopherol acetate and retinyl palmitate in soy-based infant formula using a zero-control reference material (ZRM) as a method development tool
Chase GW, Long AR// Address as above.
J AOAC Int 1998 **81** (3) 582
- Liquid chromatographic method for analysis of all-*rac*- α -tocopherol acetate and retinyl palmitate in milk-based infant formula using matrix solid-phase dispersion
Chen HW, Zhu JP, Cao XX, Fang QJ// Hangzhou Univ, Dept Chem, CN-310028 Hangzhou, Zhejiang, Peoples Rep China
Analyst 1998 **123** (5) 1017
- Flow injection on-line photochemical reaction coupled to spectrofluorimetry for the determination of thiamine in pharmaceuticals and serum
Coates JW// Minist Agr Fisheries & Food, 1767 Angus Campbell Rd, Abbotsford, British Columbia, Canada V3G 2M3
Can Vet J 1998 **39** (5) 261
- Measuring vitamin A in blood plasma and serum (Letter)
Himmelreich U, Drew KN, Serianni AS, Kuchel PW// *Univ Sydney, Dept Biochem, Sydney, NSW 2006, Australia
Biochemistry-USA 1998 **37** (20) 7578
- ^{13}C NMR studies of vitamin C transport and its redox cycling in human erythrocytes
Larisch B, Gross U, Pischetsrieder M// *Univ Munich, Inst Lebensmittelchem, Sophienstr 10, DE-80333 Munich, Germany
Z Lebensm Unters Forsch A-Food 1998 **206** (5) 333
- On the reaction of (L)-ascorbic acid with propylamine under various conditions: Quantification of the main products by HPLC/DAD
Sun YX, Ye BX, Zhang WM, Zhou XY// *Wuhan Univ Coll Chem, CN-430072 Wuhan, Peoples Rep China
Anal Chim Acta 1998 **363** (1) 75
- Simultaneous determination of dopamine and ascorbic acid at poly(neutral red) modified electrodes
Tamura T// Univ Alabama, Dept Nutr Sci, 218 Webb Bldg, UAB Stn, Birmingham, AL 35294, USA
J Nutr Biochem 1998 **9** (5) 285
- Determination of food folate
Van Hoof HJC, Swinkels LMJW, Ross HA, Sweep CGJF, Benraad TJ// Acad Hosp Nijmegen, Dept Chem Endocrinol, POB 9101, NL 6500 HB Nijmegen, The Netherlands
Anal Biochem 1998 **258** (2) 176
- Determination of non-protein-bound plasma 1,25-dihydroxyvitamin D by symmetric (rate) dialysis
Ye L, Landen WO, Lee J, Eitenmiller RR// Univ Georgia, Dept Food Sci & Technol, Athens, Ga 30602, USA
J Liq Chromatogr Relat Technol 1998 **21** (8) 1227
- Vitamin E content of margarine and reduced fat products using a simplified extraction procedure and HPLC determination
- 7 TRACE ELEMENTS & MINERALS**
- Balaji T, Chiranjeevi P, Naidu GRK// Sri Venkateswara Univ, Dept Chem, IN-517502 Tirupati, India
Anal Lett 1998 **31** (6) 1081
- Simultaneous determination of trace amounts of chromium, cobalt and lead in waste water and plant materials by extraction: Atomic absorption spectrometry
Behne D, Hammel C, Pfeifer H, Rothlein D, Gessner H, Kyriakopoulos A// Hahn Meitner Inst Berlin GmbH, Dept Trace Elements Hlth & Nutr, Glienicker Str 100, DE-14109 Berlin, Germany
Analyst 1998 **123** (5) 871
- Speciation of selenium in the mammalian organism
Bratter P, Blasco IN, De Bratter VEN, Raab A// Hahn Meitner Inst Berlin GmbH, Dept Trace Elements Hlth & Nutr, Glienicker Str 100, DE-14109 Berlin, Germany
Analyst 1998 **123** (5) 821
- Speciation as an analytical aid in trace element research in infant nutrition
Cabezuelo ABS, Bayon MM, Gonzalez EB, Alonso JIG, Sanz-Medel A// *Univ Oviedo, Dept Phys & Analyt Chem, C/ Julian Claveria 8, ES-33006 Oviedo, Spain
Analyst 1998 **123** (5) 865
- Speciation of basal aluminium in human serum by fast protein liquid chromatography with inductively coupled plasma mass spectrometric detection
Da Silva WGP, Campos RC, Miekeley N// Pontificia Univ Catolica Rio de Janeiro, Dept Chem, Rio de Janeiro, Brazil
- Anal Lett* 1998 **31** (6) 1061
- A simple digestion procedure for the determination of cadmium, copper, molybdenum and vanadium in plants by graphite furnace atomic absorption spectrometry and mass inductively coupled plasma spectrometry
Dhindsa HS, Birmingham MA, Mierzwa J, Sullivan S// Univ New England, Dept Chem, Armidale, NSW 2351, Australia
Analyst 1998 **123** (5) 885
- Plasma selenium concentrations in a Sikh population in Sydney, Australia
Emteborg H, Bordin G, Rodriguez AR// ABB Corp Res, SE-72178 Västerås, Sweden
Analyst 1998 **123** (5) 893
- Speciation of selenium in aqueous and biological matrices by microbore ion chromatography coupled with electrothermal atomic absorption spectrometry via ultra low volume fraction collection
Fan TWM, Lane AN, Martens D, Higashi RM// Univ Calif, Dept Land Air & Water Resources, 1 Shields Ave, Livermore, Ca 95616, USA
Analyst 1998 **123** (5) 875
- Synthesis and structure characterization of selenium metabolites
Fernandes SMV, Rangel AOSS, Lima JLFC// Univ Católica Portuguesa, Escola Superior Biotecnol, Rua Dr Antonio Bernardino de Almeida, PT-4200 Oporto, Portugal
J AOAC Int 1998 **81** (3) 645
- Merging zones standard addition technique for determination of copper in beer by flow injection atomic absorption spectrophotometry
Helgesen H, Larsen EH// *Danish Vet & Food Adm, Inst Food Res & Nutr, 19 Morkhøj Bygade, DK-2860 Soborg, Denmark
Analyst 1998 **123** (5) 791
- Bioavailability and speciation of arsenic in carrots grown in contaminated soil
Nabrzyski M, Gajewska R// Med Univ Gdańsk, Dept Bromatol, Hallera Str 107, PL-80416 Gdańsk, Poland
Nahrung 1998 **42** (2) 109
- Aluminium determination in foods by using spectrophotometric oxine and flame AAS methods
Pereira ER, Rohwedder JJR, Arruda MAZ// *UNICAMP, Dept Analys Chem, POB 6154, BR-13083-970 Campinas, SP, Brazil
Analyst 1998 **123** (5) 1023
- On-line microwave slurry sample digestion using flow systems for the spectrophotometric determination of iron in seafood
Shavali SS, Suryakala S, Sashidhar RB, Deshpande V// *Osmania Univ, Coll Sci, Dept Biochem, IN-500007 Hyderabad, India
Food Agric Immunol 1998 **10** (1) 57
- An enzyme immunoassay for buffalo serum ferritin
Spillane DG, O'Mullane J// *Cork Inst Technol, Med Sci Sect, Cork, Rep Ireland
Clin Chim Acta 1998 **273** (1) 81
- Development of an affinity-column-mediated enzyme-linked immunosorbent assay for ferritin
Thomson CD// Univ Otago, Dept Human Nutr, POB 56, Dunedin, New Zealand
Analyst 1998 **123** (5) 827
- Selenium speciation in human body fluids
- 8 DRUG, BIOCIDES & PROCESSING RESIDUES**
- Allen SE, Ren YL, Desmarchelier JM// CSIRO, Div Entomol, POB 1700, Canberra, ACT 2601, Australia
J AOAC Int 1998 **81** (3) 633
- Comparison of six methods for determining aged phosphine residues in wheat
Bushway RJ, Perkins LB, Larkin KL, Fan TS// Univ Maine, Dept Food Sci, 5736 Holmes Hall, Orono, Me 04469, USA
J Liq Chromatogr Relat Technol 1998 **21** (8) 1217
- A modified high performance liquid chromatographic analysis of thiabendazole in fruits and vegetables with ELISA confirmation
Bushway RJ, Thome E// Univ Maine, Dept Food Sci, 5736 Holmes Hall, Orono, Me 04469, USA
Food Agric Immunol 1998 **10** (1) 23
- Determination of metalaxyl in wine by ELISA
Chiappetta G, Gandino L// Chem Control SRL, Ctr Ric & Anal Chim, IT-12020 Madonna Dell' Olmo, CN, Italy
Ind Aliment 1998 **37** (369) 455
- Rapid methods for β -lactam antibiotics determination in milk: A comparison

- study between four commercial kits (Italian, English Abstract)
- Delmas JM, Chapel AM, Sanders P// Ctr Natl Etud Vet & Alimentaires, Lab Med Vet, BP 203, FR-35302 Fougeres, France
J AOAC Int 1998 **81** (3) 519
- Determination of residues of flumequine and 7-hydroxyflumequine in edible sheep tissues by liquid chromatography with fluorimetric and ultraviolet detection
- Dreassi E, Bonifacio M, Corti P// Univ Siena, Dept Pharmaceut & Chem Technol, Via Banchi di Sotto 55, IT-53100 Siena, Italy
Food Addit Contam 1998 **15** (4) 466
- Evaluation of release of antioxidants from high density polyethylene by planar chromatography
- Dulkant B, Tutluer H, Fidanci HA, Polat M// Turkish Atom Energy Commiss, Lalahan Nucl Res Inst Anim Hlth, TR-06852 Ankara, Turkey
Radiat Phys Chem 1998 **51** (3) 305
- ESR spectroscopic technique of testing for irradiation of chicken
- Elliott CT, Thompson CS, Arts CJM, Crooks SRH, Van Baak MJ, Verheij ER, Baxter GA// Drug Residue Lab, Vet Sci Div, Stoney Rd, Belfast BT4 3SD, Northern Ireland
Analyst 1998 **123** (5) 1103
- Screening and confirmatory determination of ractopamine residues in calves treated with growth promoting doses of the β -agonist
- Garcia-Blazquez RM, Perez-Arribas LV, Leon-Gonzalez ME, Polo-Diez LM// Univ Complutense, Dept Quim Analit, ES-28040 Madrid, Spain
J Liq Chromatogr Relat Technol 1998 **21** (8) 1173
- Liquid chromatography/particle beam/mass spectrometry determination of carbamates in lettuce and apple
- Garrido J, De Alba M, Jimenez I, Cadado E, Folgeiras ML// Minist Hlth & Consumpt, Carlos III, Hlth Inst, Natl Food Ctr, Dept Phytosanitary Residue Anal, ES-28220 Madrid, Spain
J AOAC Int 1998 **81** (3) 648
- Gas chromatographic determination of diphenylamine in apples and pears: Method validation and results of Spanish Official Residue Monitoring Program 1995
- Janak K, Becker G*, Colmsjo A, Ostman C, Athanasiadou M, Valters K, Bergman A// *Natl Inst Working Life, Div Toxicol & Chem, SE-17184 Solna, Sweden
Environ Toxicol Chem 1998 **17** (6) 1046
- Methyl sulfonyl polychlorinated biphenyls and 2,2-bis(4-chlorophenyl)-1,1-dichlorethane in gray seal tissues determined by gas chromatography with electron capture detection and atomic emission detection
- Kawamura Y, Sugimoto N, Takeda Y, Yamada T// Natl Inst Hlth Sci, Setagaya ku, 1-18-1 Kamiyoga, Tokyo 1588501, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 110
- Identification of unknown substances in food contact polystyrene (Japanese, English Abstract)
- Lacassie E, Dreyfuss MF, Daguet JL, Vignaud M, Marquet P, Lachatre G// Univ Hosp, Dept Pharmacol & Toxicol, 2 Ave Martin Luther King, FR-87025 Limoges, France
J Chromatogr A 1998 **805** (1-2) 319
- Multiresidue determination of pesticides in apples and pears by gas chromatography/mass spectrometry
- Lee N, Skerritt JH// *CSIRO, Plant Ind, POB 7, Nth Ryde, NSW 2113, Australia
Food Agric Immunol 1998 **10** (1) 3
- Immunoanalysis and separation of dissolved from particle-bound pesticide residues
- Loewen MD, Stern GA*, Westmore JB, Muir DCG, Parlar H// *Inst Freshwater, Dept Fisheries & Oceans, 501 Univ Cres, Winnipeg, Manitoba, Canada R3T 2N6
Chemosphere 1998 **36** (15) 3119
- Characterization of three major toxaphene congeners in arctic ringed seal by electron ionization and electron capture negative ion mass spectrometry
- Mackey EA, Becker DA// NIST, Div Analyt Chem, Bldg 235, Gaithersburg, Md 20899, USA
Analyst 1998 **123** (5) 779
- Determination of methylmercury in two mussel tissue Standard Reference Materials by pre-irradiation separation and neutron activation analysis
- Nguyen KT, Moorman R, Kuykendall V// Sandoz Agro Inc, Div Anim Hlth, 12200 Denton Dr, Dallas, Tx 75234, USA
J AOAC Int 1998 **81** (3) 503
- Determination of *N*-octyl bicycloheptene dicarboximide, pyrethrins, and butylcarbitol 6-propylpiperonyl ether in technical materials, concentrates, and finished products by capillary gas chromatography: Collaborative study
- Oka H, Ito Y, Ikai Y, Kato K, Shimizu M, Kagami T, Hayakawa J, Arai M, Nojiri T, Miura Y, Saito F, Ohmi S, Kaneko T, Sugiyama H, Shibata S// Aichi Prefectural Inst Publ Hlth, Kita ku, 7-6 Nagare, Nagoya, Aichi 4628576, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 101
- Survey of residual tetracyclines in tissues collected from slaughtered animals in Aichi Prefecture, Japan, 1985-1996 (Japanese, English Abstract)
- Ren YL, Desmarchelier JM// Univ Canberra, Fac Sci Appl, POB 1, Belconnen, ACT 2617, Australia
J AOAC Int 1998 **81** (3) 673
- Release of fumigant residues from grain by microwave irradiation
- Rupp HS, Turnipseed SB, Walker CC, Roybal JE, Long AR// US/FDA, Seattle Dist Off, 22201 23rd Dr SE, Bothell, Wa 98021, USA
J AOAC Int 1998 **81** (3) 549
- Determination of ivermectin in salmon muscle tissue by liquid chromatography with fluorescence detection
- Schenck FJ, Podhorniak LV, Wagner R// USA/FDA, Baltimore Dist, 900 Madison Ave, Baltimore, Md 21201, USA
Food Addit Contam 1998 **15** (4) 411
- A highly sensitive gas chromatographic determination of levamisole in milk
- Serpé L, Gallo P// Ist Zooprofilatt Sperimentale Mezzogiorno, Via Salute 2, IT-80055 Portici, NA, Italy
Ind Aliment 1998 **37** (369) 463
- Maximum residue limits in animal derived foods: Changes in European rules and considerations about the analytical methods (Italian, English Abstract)
- Shelton SA, Graham BM, Strachan G, Dooley H, Porter AJ, Harris WJ// *Univ Aberdeen, Dept Cell & Mol Biol, Aberdeen AB25 2ZD, Scotland
Food Agric Immunol 1998 **10** (1) 37
- Immunomethods for detecting a broad range of polychlorinated biphenyls
- Syhre M, Hanschmann H, Heber R// RJ Hill Labs, 1 Clyde St, Private Bag 3205, Hamilton, New Zealand
J AOAC Int 1998 **81** (3) 513
- Cleanup procedure for monitoring chlorinated compounds in animal feed and crops
- Theobald A, Muller A, Anklam E// *Commiss European Communities, Joint Res Ctr, Inst Environm, IT-21020 Ispra, Italy
J Agr Food Chem 1998 **46** (5) 1850
- Determination of 5-hydroxymethylfurfural in vinegar samples by HPLC
- Tsumura Y, Nakamura Y, Tonogai Y, Kakimoto Y, Tanaka Y, Shibata T// Natl Inst Hlth Sci, Osaka Branch, Chuo ku, 1-1-43 Hoenzaka, Osaka 5400006, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 127
- Determination of neonicotinoid pesticide nitencyanide and its metabolites in agricultural products (Japanese, English Abstract)
- Tsumura Y, Nakamura Y, Tonogai Y, Shibata T// Natl Inst Hlth Sci, Osaka Branch, Chuo ku, 1-1-43 Hoenzaka, Osaka 5400006, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 142
- Determination of the fungicide tecloftalam and its metabolite tecloftalam-imide in brown rice (Japanese, English Abstract)
- Turnipseed SB, Walker CC, Roybal JE, Pfenning AP, Hurlbut JA// US/FDA, Anim Drugs Res Ctr, POB 25087, Denver, Co 80225, USA
J AOAC Int 1998 **81** (3) 554
- Confirmation of fluoroquinolones in catfish muscle by electrospray liquid chromatography/mass spectrometry
- Uematsu Y, Hirokado M, Hirata K, Ito K, Suzuki S// Tokyo Metropolitan Res Lab Publ Hlth, Shinjuku ku, 3-24-1 Hyakunin cho, Tokyo 1690073, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 135
- Analysis of bisphenol a diglycidyl ether in edible oil containing canned fish with LC/LC fluorescence detector (Japanese, English Abstract)
- Volante M, Cattaneo M, Bianchi M, Zoccola G// PMIP Uo Chim, Azienda Sanitaria Locale, Via Cadorna 8, IT-22100 Como, Italy
J Environ Sci Health B-Pestic 1998 **33** (3) 279
- Some applications of solid phase micro extraction (SPME) in the analysis of pesticide residues in food

9 TOXINS

- McElhinney J, Lawton LA*, Edwards C, Gallacher S// *Robert Gordon Univ, Sch Appl Sci, St Andrew's St, Aberdeen AB25 1HG, Scotland
Toxicol 1998 **36** (2) 417
- Development of a bioassay employing the desert locust (*Schistocerca gregaria*) for the detection of saxitoxin and related compounds in cyanobacteria and shellfish

Mullett W, Lai EPC*¹, Yeung JM² *Carleton Univ Ottawa Carleton Chem Inst, Dept Chem, Ottawa, Ontario, Canada K1S 5B6
Anal Biochem 1998 **258** (2) 161
 Immunoassay of fumonisin by a surface plasmon resonance biosensor

Negri A, Llewellyn L¹ Australian Inst Marine Sci, POB 264, Dampier 6713, Australia
Toxicon 1998 **36** (2) 283
 Comparative analyses by HPLC and the sodium channel and saxiphilin ³H-saxitoxin receptor assays for paralytic shellfish toxins in crustaceans and molluscs from tropical North West Australia

Pouchus YF, Dauvergne S, Morel D, Mondegue F, Marcaillou-Lebaut C, Amzil Z, Verbist JF¹ Univ Nantes, Fac Pharm, ISOMER, SMAB URM 11, BP 1024, FR-44035 Nantes 01, France
Toxicon 1998 **36** (2) 383
 Combined use of analytical high-performance liquid chromatography and cell morphology transformation assay to detect new protein phosphatase inhibitors of okadaic acid type

Scudamore KA, MacDonald SJ¹ KAS Mycotoxins, 6 Fern Dr, Maidenhead SL6 0JS, England
Food Addit Contam 1998 **15** (4) 401
 A collaborative study of an HPLC method for determination of ochratoxin A in wheat using immunoaffinity column clean-up

10 ADDITIVES

Assimiadis MK, Tarantilis PA, Polissiou MG¹ *Agr Univ Athens, Lab Gen Chem, Iera Odos 75, Greece
Appl Spectrosc 1998 **52** (4) 519
 UV-vis, FT-Raman, and ¹H NMR spectroscopies of *cis-trans* carotenoids from saffron (*Crocus sativus* L.)

Ciolino LA¹ US/FDA, Forens Chem Ctr, 1141 Cent Pkwy, Cincinnati, OH 45202, USA
J Agr Food Chem 1998 **46** (5) 1746
 Determination and classification of added caramel color in adulterated acerola juice formulations

Harano T, Mitsuhashi Y, Aoki N, Semma M, Ito Y, Oji Y¹ Kobe Inst Publ Hlth, Div Food Chem, Chuo ku, Minatojima nakamachi 4-6, Kobe, Hyogo 650, Japan
Analyst 1998 **123** (5) 1127
 Enzymic method for the determination of nitrite in meat and fish products

Hirokado M, Hirata K, Uematsu Y, Yasuno T, Funayama K, Ito K, Suzuki S¹ Tokyo Metropolitan Res Lab Publ Hlth, Shinjuku ku, 3-24-1 Hyakunin cho, Tokyo 1690073, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 148
 Survey on the quality of commercial caramel color used in food processing (Japanese, English Abstract)

Ishiwata H, Nishijima M, Fukasawa Y, Ito Y, Yamada T¹ Natl Inst Hlth Sci, Setagaya ku, 1-18-1 Kamiyoga, Tokyo 1588501, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 78
 Evaluation of the inorganic food additive (nitrite, nitrate, and sulfur dioxide) content of foods and estimation of daily intake based on the results of official inspection in Japan in fiscal year 1994 (Japanese, English Abstract)

Ishiwata H, Nishijima M, Fukasawa Y, Ito Y, Yamada T¹ Address as above.
J Food Hyg Soc Jpn 1998 **39** (2) 89
 Evaluation of the contents of BHA, BHT, propylene glycol, and sodium saccharin in foods and estimation of daily intake based on the results of official inspection in Japan in fiscal year 1994

Machinski M¹ Univ Estadual Maringa, Dept Anal Clin, BR-87020-900 Maringa, Parana, Brazil
Food Addit Contam 1998 **15** (4) 481
 Estimates of maximum limits of food colours use in Brazil through the Danish Budget Method and the Bar and Wurzen-modified method

Siu DC, Henshall A¹ Dionex Chem Corp, 1228 Titan Way, Sunnyvale, CA 94086, USA
J Chromatogr A 1998 **804** (1-2) 157
 Ion chromatographic determination of nitrate and nitrite in meat products

Tartaglia M, Saulle E, Pestalozza S, Morelli L, Antonucci G, Battaglia PA¹*² Ist Super Sanita, Lab Biol Cellulare, Viale Regina Elena 299, IT-00161 Rome, Italy
J Food Protect 1998 **61** (5) 513
 Detection of bovine mitochondrial DNA in ruminant feeds: A molecular approach to test for the presence of bovine-derived materials

Yamamoto A, Ohmi H, Matsunaga A, Ando K, Kayakawa K, Nishimura M¹

Toyama Inst Hlth, 17-1 Nakatikoyama, Toyama 93903, Japan
J Chromatogr A 1998 **804** (1-2) 305
 Selective determination of D-sorbitol and D-mannitol in foodstuffs by ion chromatography with polarized photometric detection

11 FLAVOURS & AROMAS

Charpentier N, Bostyn S, Coic JP¹ *Univ Orleans, Lab Productique Chim, Inst Technol, BP 6729, FR-45067 Orleans 2, France
Ind Crops Products 1998 **8** (2) 151
 Isolation of a rich glucosinolate fraction by liquid chromatography from an aqueous extract obtained by leaching dehulled rapeseed meal (*Brassica napus* L)

Conner JM, Birkmyre L, Paterson A, Piggott JR¹ Univ Strathclyde, Dept Biosci & Biotechnol, Ctr Food Qual, 204 George St, Glasgow G1 1XW, Scotland
J Sci Food Agr 1998 **77** (1) 121
 Headspace concentrations of ethyl esters at different alcoholic strengths

Hamlet CG¹ RHM Technol Ltd, Lord Rank Ctr, Lincoln Road, Wycombe HP12 3QR, England
Food Addit Contam 1998 **15** (4) 451
 Analytical methods for the determination of 3-chloro-1,2-propandiol and 2-chloro-1,3-propandiol in hydrolysed vegetable protein, seasonings and food products using gas chromatography/ion trap tandem mass spectrometry

Kerscher R, Grosch W¹ *Deutsch Forsch Anstalt Lebensmittelchem, Lichtenbergstr 4, DE-85748 Garching, Germany
J Agr Food Chem 1998 **46** (5) 1954
 Quantification of 2-methyl-3-furanthiol, *s*-furfurylthiol, 3-mercaptop-2-pentanone, and 2-mercaptop-3-pentanone in heated meat

Kotseridis Y, Beloqui AA, Bertrand A, Doazan JP¹ Bursar State Scholarships Fdn Greece, Athens, Greece
Amer J Enol Viticult 1998 **49** (1) 44
 An analytical method for studying the volatile compounds of Merlot noir clone wines

Miller KS, Krochta JM¹ *Univ Calif, Dept Food Sci & Technol, Davis, CA 95616, USA
Trans ASAE 1998 **41** (2) 427
 Measuring aroma transport in polymer films

Rauhut D, Kirbel H, MacNamara K, Grossmann M¹ Forsch Anstalt Geisenheim, Fachgebiet Mikrobiol & Biochem, Von Lade Str 1, DE-65366 Geisenheim, Germany
Analisis 1998 **26** (3) 142
 Headspace GC-SCD monitoring of low volatile sulfur compounds during fermentation and in wine

Vas GY, Koteley K, Farkas M, Dobo A, Vekey K¹ Minist Agr, Res Inst Viticulture & Enol, Eger, Hungary
Amer J Enol Viticult 1998 **49** (1) 100
 Fast screening method for wine headspace compounds using solid-phase microextraction (SPME) and capillary GC technique

Vlachos DS, Fragoulis DK, Avaritsiotis JN¹ *Natl Tech Univ, Dept Elect Engn, Div Comp Engn, 9 Heron Polytech St, GR-15773 Athens, Greece
Sensor Actuator B-Chem 1997 **45** (3) 223
 An adaptive neural network topology for degradation compensation of thin film tin oxide gas sensors

Jamin E, Gonzalez J, Bengoechea L, Kerneur G, Remaud G, Naulet N, Martin GG¹ Eurofins Labs, rue Pierre Adolphe Bobierre, Site Geraudiere, BP 42, FR-44323 Nantes 03, France
J AOAC Int 1998 **81** (3) 604
 Measurement of ¹³C/¹²C ratios of sugars, malic acid, and citric acid as authenticity probes of citrus juices and concentrates

Mohr B, Ayns F, Rea MC, Monnet C, Cogan TM¹ *Natl Dairy Prod Res Ctr, Moorepark, Cork, Rep Ireland
Int Dairy J 1997 **7** (11) 701
 A new method for the determination of 2-acetolactate in dairy products

Watanabe K, Takahashi B¹ Nihon Univ, JR Coll, Fujisawa, Kanagawa 252081, Japan
J Jpn Soc Hort Sci 1998 **67** (3) 299
 Determination of soluble and insoluble oxalate contents in kiwifruit (*Actinidia deliciosa*) and related species

12 ORGANIC ACIDS

Jamin E, Gonzalez J, Bengoechea L, Kerneur G, Remaud G, Naulet N, Martin GG¹ Eurofins Labs, rue Pierre Adolphe Bobierre, Site Geraudiere, BP 42, FR-44323 Nantes 03, France
J AOAC Int 1998 **81** (3) 604
 Measurement of ¹³C/¹²C ratios of sugars, malic acid, and citric acid as authenticity probes of citrus juices and concentrates

Mohr B, Ayns F, Rea MC, Monnet C, Cogan TM¹ *Natl Dairy Prod Res Ctr, Moorepark, Cork, Rep Ireland
Int Dairy J 1997 **7** (11) 701
 A new method for the determination of 2-acetolactate in dairy products

Watanabe K, Takahashi B¹ Nihon Univ, JR Coll, Fujisawa, Kanagawa 252081, Japan
J Jpn Soc Hort Sci 1998 **67** (3) 299
 Determination of soluble and insoluble oxalate contents in kiwifruit (*Actinidia deliciosa*) and related species

13 ANIMAL PRODUCTS

- Angeletti R, Gioacchini AM, Seraglia R, Piro R, Traldi P// CNR, Ctr Studio Stabil & Reattiv, Compost Coord, Via F Marzolo 1, IT-35100 Padova, Italy
J Mass Spectrometry 1998 **33** (6) 525
 The potential of matrix-assisted laser desorption/ionization mass spectrometry in the quality control of water buffalo mozzarella cheese
- Kohn G, Baulain U, Henning M, Lahucky R, Leibfritz D, Kallweit E// FAL, Inst Tierzucht & Tierverhalten, Holystr 10, DE-31535 Neustadt, Germany
Arch Tierzucht 1998 **41** (3) 299
In vivo and postmortem study of muscle metabolism in pigs of different MHS genotype by means of ³¹P-NMR spectroscopy
- Valle M, Malle P, Bouquelet S// Ctr Natl Etud Vet & Alimentaires, rue Huret Lagache, FR-62200 Boulogne sur Mer, France
J AOAC Int 1998 **81** (3) 571
 Evaluation of fish decomposition by liquid chromatographic assay of ATP degradation products
- White JW, Winters K, Martin P, Rossmann A// Hyneydata Corp, 217 Hillside Dr, Navasota, Tx 77868, USA
J AOAC Int 1998 **81** (3) 610
 Stable carbon isotope ratio analysis of honey: Validation of internal standard procedure for worldwide application
- Zanon F, Vianello D// Aulss 12, Sez Chim Ambientale, Presidio Multizonale Prevenz, Via Montagnola 2, IT-30170 Mestre, VE, Italy
Ind Aliment 1998 **37** (369) 470
 Identification of the biological source of meat products by cross-over electrophoresis and quantitation by Laurell's technique (Italian, English Abstract)

14 PLANT & MICROBIAL PRODUCTS

- Atienza J, Climent MD, Aragon P// Univ Politecn Valencia, Dept Chem, Camino de Vera s/n, ES-46022 Valencia, Spain
Amer J Enol Viticolt 1998 **49** (1) 105
 Gas chromatographic and mass spectrometric study of fermentation products from varietal grape must (Red Bobal), with and without selected killer yeast
- Bronner WE, Beecher GR// USDA/ARS, Beltsville Human Nutr Res Ctr, Food Composit Lab, Beltsville, Md 20705, USA
J Chromatogr A 1998 **805** (1-2) 137
 Method for determining the content of catechins in tea infusions by high-performance liquid chromatography
- Cui H, Li Q, Meng R, Zhao HZ, He CX// Univ Sci & Technol, Dept Chem, CN-230026 Hefei, Peoples Rep China
Anal Chim Acta 1998 **362** (2-3) 151
 Flow injection analysis of tannic acid with inhibited chemiluminescent detection
- Frye RF, Stiff DD, Branch RA// Univ Pittsburgh, Dept Pharmaceut Sci, Pittsburgh, Pa 15261, USA
J Lig Chromatogr Relat Technol 1998 **21** (8) 1161
 A sensitive method for the simultaneous determination of caffeine and its dimethylxanthine metabolites in human plasma: Application to CYP1A2 phenotyping
- Gaines CS, Windham WR// Ohio State Univ, Ohio Agr Res & Dev Ctr, USDA/ARS, Soft Wheat Qual Lab, Wooster, Oh 44691, USA
Cereal Chem 1998 **75** (3) 386
 Effect of wheat moisture content on meal apparent particle size and hardness scores determined by near infrared reflectance spectroscopy
- Gani M, McGuinness BJ, Davies AP// Unilever Res Labs, Dept Biorecognit, Colworth Hse, Sharnbrook MK44 1LQ, England
Food Agric Immunol 1998 **10** (1) 13
 Monoclonal antibodies against tea polyphenols: A novel immunoassay to detect polyphenols in biological fluids
- Garcia-Gimero RM, Castillejo-Rodriguez AM, Barco-Alcala E, Zurera-Cosano G// Univ Cordoba, Dept Bromatol & Tecnol Alimentos, Campus Rabanales, ES-14014 Cordoba, Spain
Food Microbiol 1998 **15** (2) 191
 Determination of packaged green asparagus shelf-life
- Getachew G, Makkar HPS, Becker K// *Univ Hohenheim, Inst Anim Prod Trop & Subtrop, DE-75593 Stuttgart, Germany
J Sci Food Agr 1998 **77** (1) 87
 The *in vitro* gas coupled with ammonia measurement for evaluation of nitrogen degradability in low quality roughages using incubation medium of different buffering capacity

- Guyot S, Marnet N, Laraba D, Sanoner P, Drilleau JF// INRA, Lab Recherche Cidricoles Biotransformat Fruits & Legumes, BP 29, FR-35650 Le Rheu, France
J Agr Food Chem 1998 **46** (5) 1698
 Reversed-phase HPLC following thiolyisis for quantitative estimation and characterization of the four main classes on phenolic compounds in different tissue zones of a French cider apple variety (*Malus domestica* var. Kermurien)
- Harrison HR, Mundy AP, Buckee GK, Fogg M, Kennedy R, Byrne J// Address not available.
J Inst Brew 1998 **104** (3) 123
 Collaborative determination of the pH of beer and wort (Committee Report)
- Hoshino K, Akiyama H, Goda Y, Tanimura A, Toyoda M// *Nat'l Inst Hlth Sci, Setagaya ku, 1-18-1 Kamiyoga, Tokyo 1588501, Japan
J Food Hyg Soc Jpn 1998 **39** (2) 72
 Evaluation of antiallergic effects of extracts from ten kinds of vegetables using three *in vitro* assay systems (Japanese, English Abstract)
- Kohen F, Lichter S, Gayer B, De Boever J, Lu LJW// Weizmann Inst Sci, Dept Regulat Biol, IL-76100 Rehovot, Israel
J Steroid Biochem Mol Biol 1998 **64** (3-4) 217
 The measurement of the isoflavone daidzein by time resolved fluorescent immunoassay: A method for assessment of dietary soya exposure
- Lewis CE, Walker JRL*, Lancaster JE, Sutton KH// *Univ Canterbury, Dept Plant & Microbial Sci, Private Bag 4800, Christchurch 1, New Zealand
J Sci Food Agr 1998 **77** (1) 45
 Determination of anthocyanins, flavonoids and phenolic acid in potatoes. I: Coloured cultivars of *Solanum tuberosum* L
- Lewis CE, Walker JRL*, Lancaster JE, Sutton KH// *Address as above.
J Sci Food Agr 1998 **77** (1) 58
 Determination of anthocyanins, flavonoids and phenolic acids in potatoes. II: Wild, tuberous *Solanum* species
- Logan BK, Distefano S// Univ Washington, Dept Lab Med, 2203 Airport Way Sth, Seattle, Wa 98134, USA
J Anal Toxicol 1998 **22** (3) 181
 Ethanol content of various foods and soft drinks and their potential for interference with a breath-alcohol test
- Matthaus B// Inst Chem & Phys Fette, Bundesanstalt Getreide Kartoffel & Fettforsch, Postfach 1705, DE-48006 Munster, Germany
Nahrung 1998 **42** (2) 75
 Isolation, fractionation and HPLC analysis of neutral phenolic compounds in rapeseseds
- McGhone VA, Kawano S// Ruakura Agr Res Ctr, Technol Dev Grp, Private Bag 3123, Hamilton, New Zealand
Postharvest Biol Technol 1998 **13** (2) 131
 Firmness, dry-matter and soluble-solids assessment of postharvest kiwifruit by NIR spectroscopy
- Miyazawa T, Nakagawa K// Tohoku Univ, Dept Appl Biol Chem, Sendai, Miyagi 9818555, Japan
Biosci Biotechnol Biochem 1998 **62** (4) 829
 Structure-related emission spectrometric analysis of the chemiluminescence of catechins, theaflavins and anthocyanins
- Sgrulletta D, De Stefanis E// Ist Sperimentale Cerealicoltura, Via Cassia 176, IT -00191 Rome, Italy
Ind Aliment 1998 **37** (369 Suppl 11) 17
 Simultaneous evaluation of quality parameters of durum wheat (*Triticum durum*) by near infrared reflectance spectroscopy (Italian, English Abstract)
- Stapley AGF, Hyde TM, Gladden LF, Fryer PJ// *Univ Birmingham, Sch Chem Engn, Birmingham B15 2TT, England
Int J Food Sci Technol 1997 **32** (5) 355
 NMR imaging of the wheat grain cooking process
- Suo H, Wu FQ, Wang QY, Liu GF, Qiu FB, Xu BK, Zhao MY// Jilin Univ, Dept Elect Engn, CN-130023 Changchun, Peoples Rep China
Sensor Actuator B-Chem 1997 **45** (3) 245
 Study on ethanol sensitivity of nanocrystalline La_{0.7}Sr_{0.3}FeO₃-based gas sensor
- Williams M, Morales MT, Aparicio R, Harwood JL// *Univ Wales Coll, Sch Mol & Med Biosci, POB 911, Cardiff CF1 3US, Wales
Phytochemistry 1998 **47** (7) 1253
 Analysis of volatiles from callus cultures of olive *Olea europaea*
- Zen JM, Ting YS, Shih Y// Nat'l Chunghsing Univ, Dept Chem, Taichung 402, Taiwan
Analyst 1998 **123** (5) 1145
 Voltammetric determination of caffeine in beverages using a chemically modified electrode