

Bibliography of analytical, nutritional and clinical methods

(4 weeks journals. Search completed at 6th. Aug. 2003)

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3. Amino acids, proteins & enzymes

Fischella S, Alberghina G, Amato ME, Lafiandra D, Mantarro D, Palermo A, Savarino A, Scarlata G// Univ Catania, Dept Chem, Viale Andrea Doria 6, IT-95125 Catania, Italy

J Cereal Sci 2003 **38** (1) 77

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Fujita T, Fujita M, Kodama T, Hada T, Higashino K// Hyogo Med Univ, Dept Internal Med, Mukogawa cho 1-1, Nishinomiya, Hyogo 663 8501, Japan
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Electrophoresis 2003 **24** (9) 1391

Size-based separations of proteins by capillary electrophoresis using linear polyacrylamide as a sieving medium: Model studies and analysis of cider proteins

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Yan YM, Yu JZ, Jiang Y, Hu YK, Cai MH, Hsam SLK, Zeller FJ*// *Tech Univ Munich, Div Plant Breeding & Appl Genet, Lange Point 51, DE-85350 Freising Weihenstephan, Germany

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Garcia-Gonzalez DL, Aparicio R// Inst Grasa, Padre Garcia Tejero 4, ES-41012 Seville, Spain

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Virgin olive oil quality classification combining neural network and MOS sensors

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Anal Biochem 2003 **317** (2) 247

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Pawlosky RJ, Flanagan VP, Doherty RF// NIH/NIAAAA, Lab Membrane Biochem & Biophys, 12420 Parklawn Dr, Rockville, Md 20851, USA

J Agr Food Chem 2003 **51** (13) 3726

A mass spectrometric validated high-performance liquid chromatography procedure for the determination of folates in foods

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.

Song Z, Wang L// Northwest Univ, Dept Chem, CN-710069 Xian, Peoples Rep China

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Diaz TG, Guiberteau A*, Soto MDL, Ortiz JM// *Univ Extremadura, Dept Analyt Chem, Avda Elvas s/n, ES-06071 Badajoz, Spain

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Dugo G, La Pera L, Lo Turco V, Mavrogeni E, Alfa M// Univ Messina, Organ & Biol Dept, Salita Sperone 31, IT-98166 Messina, Italy

J Agr Food Chem 2003 **51** (13) 3722

Determination of selenium in nuts by cathodic stripping potentiometry (CSP)

Infante HG, Van Campenhout K, Schaumlöffel D, Blust R, Adams FC// Univ Instelling Antwerp, Micro & Trace Anal Ctr, Universiteitspl 1, BE-2610 Wilrijk, Belgium

Analyst 2003 **128** (6) 651

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Perfetti GA, Diachenko GW// US/FDA, Ctr Food Safety & Appl Nutr, 5100 Paint Branch Pkwy, College Park, Md 20740, USA

J AOAC Int 2003 **86** (3) 544

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Santiago EC, Bello FBB// Univ Philippines, Nat Sci Res Inst, Res & Analyt Serv Lab, Diliman, PH-1101 Quezon City, Philippines

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Sroor A, El Din NW, El Shershaby A, Abdel Haleem AS// Ain Shams Univ, Phys Nucl Lab, Fac Girls, Cairo, Egypt

J Environ Sci-China 2003 **15** (4) 570

Major and trace elemental analysis in milk powder by inductively coupled plasma-optical emission spectrometry (ICP-OES) and instrumental neutron activation analysis (INAA)

Sucman E, Bednar J// Univ Vet & Pharmaceut Sci Brno, Coll Vet Hyg & Ecol, Dept Biochem & Biophys, Palackeho 1-3, CZ-61242 Brno, Czech Republic

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Vinas P, Lopez-Garcia I, Merino-Merono B, Campillo N, Hernandez-Cordoba M*// *Univ Murcia, Fac Chem, Dept Analyt Chem, ES-30071 Murcia, Spain

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Boner PL, Liu DDW, Feely WF, Wisocky MJ, Wu J// Xenobiotic Labs Inc, 107 Morgan Lane, Plainsboro, NJ 08536, USA

J Agr Food Chem 2003 **51** (13) 3753

Determination and confirmation of 5-hydroxyflunixin in raw bovine milk using liquid chromatography tandem mass spectrometry

Caballo-Lopez A, Luque de Castro MD*// *Univ Cordoba, Dept Analyt Chem, Annex C-3, Campus Rabanales, ES-14071 Cordoba, Spain

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Ghidini S, Zanardi E, Varisco G, Chizzolini R// Univ Parma, Sez Sicurezza Alimenti, Dipt Prod Anim Biotecnol Vet Qual & Sicurezza Alimenti, Via

Taglio 8, IT-43100 Parma, Italy

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Kukurova I, Hozova B// Slovak Univ Technol, Fac Chem & Food Technol, Dept Nutr & Food Evaluat, Radlinskeho 9, SK-81237 Bratislava, Slovakia

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Liapis KS, Aplada-Sarlis P, Kyriakidis NV// Benaki Phytopathol Inst, Pesticide Residue Lab, 7 Ekalis Str, GR-14561 Athens, Greece

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Nagata T, Miyamoto F, Hasegawa Y, Ashizawa E// Publ Hlth Lab Chiba, 666-2 Nitona cho, Chuo ku, Chiba 260 7815, Japan

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Nielen MWF, Elliott CT, Boyd SA, Courtheyn D, Essers ML, Hooijerink HH, Van Bennekom EO, Fuchs REM// RIKILT Inst Food Safety, PO Box 230, NL-6700 AE Wageningen, The Netherlands

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Rodriguez-Comesana M, Cancho-Grande B, Simal-Gandara J*// *Univ Vigo, Analyt & Food Chem Dept, Fac Food Sci & Technol, Nutr & Bromatol Grp, Ourense Campus, ES-32004 Ourense, Spain

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Storelli MM, Giacomini-Stuffler R, Storelli A, Marcotrigiano GO*// *Univ Teramo, Med Vet Fac, Biochem Inst, Loc Piano D'Accio 64, IT-64100 Teramo, Italy

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Polychlorinated biphenyls in seafood: Contamination levels and human dietary exposure

Van de Riet JM, Potter RA, Christie-Fougere M, Burns BG// Canadian Food Inspect Agcy, 1992 Agcy Dr, Dartmouth, Nova Scotia, Canada

J AOAC Int 2003 **86** (3) 510

Simultaneous determination of residues of chloramphenicol, thiamphenicol, florfenicol, and florfenicol amine in farmed aquatic species by liquid chromatography/mass spectrometry

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Ben Rejeb S, Abbott M, Davies D, Querry J, Cleroux C, Streng C, Delahaut P, Yeung JM// Hlth Canada, Food Res Div, Bur Chem Safety, Food Directorate, Hlth Prod & Food Branch, Pl 22039D, Ottawa, Ontario, Canada K1A 0L2
J AOAC Int 2003 **86** (3) 557

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Leira F, Alvarez C, Cabado AG, Vieites JM, Vieytes MR, Botana LM// ANFACO-CECOPECA, Campus Univ Vigo, ES-36310 Vigo, Spain
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Loukou Z, Zotou A*// *Aristotle Univ Thessaloniki, Dept Chem, Analyt Chem Lab, GR-54124 Thessaloniki, Greece
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Manger RL, Leja LS, Lee SY, Hungerford JM, Kirkpatrick MA, Yasumoto T, Wekell MM// Fred Hutchinson Canc Res Ctr, 1100 Fairview Ave Nth, Seattle, Wa 98109, USA
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Samar MM, Fontan CF, Resnik SL*, Pacin AM, Castillo MD// *Univ Buenos Aires, Fac Ciencias Exactas & Nat, Dept Ind & Quim Organ, AR-1428 Buenos Aires DF, Argentina
J AOAC Int 2003 **86** (3) 551

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Schothardt RC, Jekel AA// Nat Inst Publ Hlth & Environm, Lab Food & Residue Anal, PO Box 1, NL-3720 BA Bilthoven, The Netherlands
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Determination of trichothecenes in beer by capillary gas chromatography with flame ionisation detection

Vidal-Carou MC, Lahoz-Portoles F, Bover-Cid S, Marine-Font A// Univ Barcelona, Fac Pharm, Certa, Dept Nutr & Food Sci, Ave Joan XXIII s/n, ES-08028 Barcelona, Spain
J Chromatogr A 2003 **998** (1-2) 235

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Dusek M, Kvasnicka F, Lukaskova L, Kratka J// Inst Chem Technol, Dept Food Preservat & Meat Technol, Technicka 1905, CZ-16628 Prague 6, Czech Republic

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Isotachophoretic determination of added phosphate in meat products

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Development and evaluation of an HPLC-DAD method for determination of synthetic food colorants

Mota FJM, Ferreira IMPLVO*, Cunha SC, Beatriz M, Oliveira PP// *Univ Porto, Fac Farm, CEQU/Serv Bromatol, Rua Anibal Cunha 164, PT-4050-047 Porto, Portugal
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Sales JA, Cardeal ZD*// *Univ Fed Minas Gerais, ICEX, Dept Chem, Avda Antonio Carlos 6627, BR-31270-901 Belo Horizonte, MG, Brazil

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Stroka J, Dossi N, Anklam E// Commiss European Communities, Joint Res Ctr DG, Inst Hlth & Consumer Protect, Food Prod Unit, IT-21020 Ispra, Italy
Food Addit Contam 2003 **20** (6) 524

Determination of the artificial sweetener Sucralose® by capillary electrophoresis

Tojo E, Prado J// Univ Vigo, Dept Organ Chem, Fac Ciencias, Marcosende, ES-36200 Vigo, Pontevedra, Spain
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Chemical composition of carrageenan blends determined by IR spectroscopy combined with a PLS multivariate calibration method

11. Flavours & aromas

Alzaga R, Ortiz L, Sanchez-Baeza F, Marco MP, Bayona JM// IQAB - CSIC, Dept Environm Chem, ES-08034 Barcelona, Spain

J Agric Food Chem 2003 **51** (12) 3509

Accurate determination of 2,4,6-trichloroanisole in wines at low parts per trillion by solid-phase microextraction followed by GC-EC

Chisholm MG, Jell JA, Cass DM// Penn State Univ Sch Sci, Behrend Coll, Erie, Pa 16563, USA
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Giannuzzo AN, Boggetti HJ*, Nazareno MA, Mishima HT// *Univ Nacl Santiago del Estero, Fac Agron & Agroindustrias, Inst Ciencias Quim, Avda Belgrano, AR-1912 Santiago del Estero, Argentina
Phytochem Anal 2003 **14** (4) 221

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Hern A, Dorn S*// *Swiss Fed Inst Technol - ETH, Inst Plant Sci, Appl Entomol, CH-8092 Zurich, Switzerland
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Monitoring seasonal variation in apple fruit volatile emissions *in situ* using solid-phase microextraction

Hognadottir A, Rouseff RL*// *Univ Florida, Ctr Citrus Res & Educ, 700 Expt Stn Rd, Lake Alfred, Fl 33850, USA
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Identification of aroma active compounds in orange essence oil using gas chromatography-olfactometry and gas chromatography-mass spectrometry

Manners GD, Breksa AP, Schoch TK, Hidalgo MB// USDA/ARS, Western Reg Res Ctr, 800 Buchanan St, Albany, Ca 94710, USA
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Nagarajan S, Rao LJM// Cent Food Technol Res Inst, Plantat Prod Spices & Flavor Technol Dept, IN-570013 Mysore, India
J AOAC Int 2003 **86** (3) 564

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Niederer B, Le A, Cantergiani E*// *Firmenich Co, R&D Div, 7 rue Bergere, CH-1217 Meyrin 2, Switzerland

J Chromatogr A 2003 **996** (1-2) 189

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Plhak LC, Park ES// Univ Wisconsin, Dept Food Sci, 1605 Linden Dr, Madison, WI 53706, USA

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High-affinity monoclonal antibodies for detection of the microbial metabolite, 2-methylisoborneol

Sedlakova J, Kocourkova B, Lojkova L, Kuban V*// *Mendel Univ Agr & Forestry, Zemedelska 1, Brno 61300, Czech Republic

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Abdulmawjood A, Schonenbrucher H, Bulte M// Univ Giessen, Inst Vet Food Sci, Frankfurter Str 92, DE-35392 Giessen, Germany

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Rajapaksha WRAKJS, Thilakarathne IDSIP, Chandrasiri ADN, Niroshan TD// Vet Res Inst, Peradeniya, Sri Lanka

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Alomar D, Fuchslocher R, De Pablo M// Austral Chile Univ, Fac Agr Sci, Inst Anim Prod, POB 567, Valdivia, Chile

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Ayorinde FO, Bezabeh DZ, Delves IG// Howard Univ, Dept Chem, Washington, DC 20059, USA

Rapid Commun Mass Spectrom 2003 **17** (15) 1735

Preliminary investigation of the simultaneous detection of sugars, ascorbic acid, citric acid, and sodium benzoate in non-alcoholic beverages by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry

Caristi C, Bellocco E, Panzera V, Toscano G, Vadala R, Leuzzi U// Univ Messina, Dipt Chim Organ & Biol, Salita Sperone 31, IT-98166 Messina, Italy

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Cataldi TRI, Nardiello D// Univ Basilicata, Dipt Chim, Via N Sauro 85, IT-85100 Potenza, Italy

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Determination of free proline and monosaccharides in wine samples by high-performance anion-exchange chromatography with pulsed amperometric detection (HPAEC-PAD)

Dalluge JJ, Eliason E, Frazer S// Cargill Inc, Sci Resources Ctr, POB 5702, Minneapolis, Mn 55440, USA

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Simultaneous identification of soyasaponins and isoflavones and quantification of soyasaponin B₀ in soy products, using liquid chromatography/electrospray ionization-mass spectrometry

De Boever JL, Vanacker JM, De Brabander DL// Agr Res Ctr Gent, Minist Flemish Community, Dept Anim Nutr & Husb, Scheldeweg 68, BE-9090 Melle, Belgium

Anim Feed Sci Tech 2003 **107** (1-4) 29

Rumen degradation characteristics of nutrients in compound feeds and the evaluation of tables, laboratory methods and NIRS as predictors

Fahey JW, Wade KL, Stephenson KK, Chou FE// Johns Hopkins Univ, Sch Med, Dept Pharmacol & Mol Sci, Baltimore, Md 21205, USA

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Separation and purification of glucosinolates from crude plant homogenates by high-speed counter-current chromatography

Glaser T, Lienau A, Zeeb D, Krucker M, Dachtler M, Albert K*// *Univ Tubingen, Inst Organ Chem, Morgenstelle 18, DE-72076 Tubingen, Germany

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Qualitative and quantitative determination of carotenoid stereoisomers in a variety of spinach samples by use of MSPD before HPLC-UV, HPLC-APCI-MS, and HPLC-NMR on-line coupling

Kupina SA, Shrikhande AJ// Canandaigua Wines, Res & Dev, 12667 Rd 24,

Madera, Ca 93637, USA

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Evaluation of a Fourier transform infrared instrument for rapid quality-control wine analyses

Mulinacci N, Vignolini P, La Marca G, Pieraccini G, Innocenti M, Vincieri FF// Univ Florence, Dipt Sci Farmaceut, Via G Capponi 9, IT-50121 Florence, Italy

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Niculescu M, Mieliauskiene R, Laurinavicius V, Csoregi E// Lund Univ, Dept Biotechnol, PO Box 124, SE-22100 Lund, Sweden

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Simultaneous detection of ethanol, glucose and glycerol in wines using pyrroloquinoline quinone-dependent dehydrogenases based biosensors

Perret C, Pezet R, Tabacchi R*// *Univ Neuchatel, Inst Chim, Ave Bellevaux 51, CH-2000 Neuchatel, Switzerland

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Roseiro LB, Gomez-Ruiz JA, Garcia-Risco M, Molina E*// *Inst Fermentacion Ind - CSIC, C/ Juan Cierva 3, ES-28006 Madrid, Spain

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Vegetable coagulant (*Cynara cardunculus*) use evidenced by capillary electrophoresis permits ID Serpa cheese authentication

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Solid-phase microextraction: On-fibre derivatization with comprehensive two dimensional gas chromatography analysis of *trans*-resveratrol in wine

Shoji T, Mutsuga M, Nakamura T, Kanda T, Akiyama H, Goda Y// Asahi Brewery Co Ltd, Fundamental Res Lab, 1-21 Midori 1-chome, Moriya, Ibaraki 302 0106, Japan

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Isolation and structural elucidation of some procyanidins from apple by low-temperature nuclear magnetic resonance

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Separation techniques in the structural analysis of dietary fiber polysaccharides

Terzi V, Malnati M, Barbanera M, Stanca AM, Faccioli P// Ist Sperimentale Cerealicoltura, Via San Protaso 302, IT-29017 Fiorenzuola d'Arda, PC, Italy

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Development of analytical systems based on real-time PCR for *Triticum* species-specific detection and quantitation of bread wheat contamination in semolina and pasta

Wu PS, Yasuda S, Tachibana H, Yamada K*// *Kyushu Univ, Fac Agr, Dept Biosci & Biotechnol, Div Appl Biol Chem, Lab Food Chem, Fukuoka 812 8581, Japan

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