

Bibliography of analytical, nutritional and clinical methods

(5 weeks journals. Search completed at 1st. May 2002)

1. Books, reviews & symposia

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Ma CY, Phillips DL// Univ Hong Kong, Dept Bot, Pokfulam Rd, Hong Kong, Peoples Rep China

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FT-Raman spectroscopy and its applications in cereal science

Patel PD// Leatherhead Int Ltd, Tech Innovat Grp, Randalls Rd, Leatherhead KT22 7RT, England

Trends Anal Chem 2002 **21** (2) 96

(Bio)sensors for measurement of analytes implicated in food safety: A review

Peris M// Univ Politecn Valencia, Dept Chem, ES-46071 Valencia, Spain

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Prodromidis MI, Karayannis MI// *Univ Ioannina, Dept Chem, GR-45110 Ioannina, Greece

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Enzyme based amperometric biosensors for food analysis (Review)

Zdenkova K, Pazlarova J, Mackova M, Demnerova K// Inst Chem Technol, Dept Biochem & Microbiol, Technicka 5, CZ-16628 Prague 6, Czech Republic

Chem Listy 2002 **96** (1) 25

Review of detection methods of GMO in the raw and processed-food matrices (Czech, English Abstract)

2. General

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J Agric Food Chem 2002 **50** (7) 1751

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3. Amino acids, proteins & enzymes

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Biawa JP, Bamforth CW// Univ Calif Davis, Dept Food Sci & Technol, Davis, Ca 95616, USA

J Cereal Sci 2002 **35** (1) 95

A two-substrate kinetic analysis of lipoxygenase in malt

Blel M, Guingamp MF, Gaillard JL, Humbert G*// *Univ Nancy 1, Fac Sci, INRA, Lab Biosci Aliment, BP 239, FR-54506 Vandoeuvre-les-Nancy, France

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Improvement of a method for the measurement of lactoperoxidase activity in milk

Cozzolino D, Labandera M// Inst Nacl Invest Agroocuparia La Estanzuela, Anim Nutr, Ruta 50-km 12, UY-39173 Colonia, Uruguay

J Sci Food Agric 2002 **82** (4) 380

Determination of dry matter and crude protein contents of undried forages by near-infrared reflectance spectroscopy

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Han XZ, Hamaker BR*// *Purdue Univ, Dept Food Sci, West Lafayette, IN 47907, USA

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Microwave protein digestion and its application to sample preparation for fish meal analysis (Spanish, English Abstract)

Manley M, Van Zyl L, Osborne BG// Univ Stellenbosch, Dept Food Sci, Private Bag X1, ZA-7602 Matieland, Rep Sth Africa

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Using Fourier transform near infrared spectroscopy in determining kernel hardness, protein and moisture content of whole wheat flour

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Detection of vegetable proteins from soy, pea and wheat isolates in milk powder by near infrared spectroscopy

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J Agric Food Chem 2002 **50** (6) 1330

NMR-based screening method for transglutaminases: Rapid analysis of their substrate specificities and reaction rates

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A new procedure for extraction and measurement of soluble sugars in ligneous

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; 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.

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Gulce H, Gulce A, Yildiz A// Suleyman Demirel Univ, Dept Chem, TR-32260 Isparta, Turkey

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Analysis of saccharides in beer samples by flow injection with electrospray mass spectrometry

Sarka E, Bubnik Z, Hinkova A, Kadlec P, Pour V, Starhova H// VUC Praha AS, Prague, Czech Republic

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Chromatographic separation of saccharides during sorbitol preparation (Czech, English Abstract)

Schmid D, Behnke B, Metzger J, Kuhn R*// *Univ Appl Sci Sci Reutlingen, Inst Appl Res, Alteburgstr 150, DE-72762 Reutlingen, Germany

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Temma T, Hanamatsu K, Shinoki F// Aomori Adv Ind Technol Ctr, Yatsuyaku, 202-4 Ashiya, Aomori 030 0112, Japan

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Development of a portable near infrared sugar-measuring instrument

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Evaluation of medium polarity materials isolated from fried edible oils by RP-HPLC

Ashraf-Khorassani M, Ude M, Doane-Weideman T, Tomczak J, Taylor LT*// *Virginia Polytech Inst & State Univ, Dept Chem, Blacksburg, Va 24061, USA

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Comparison of gravimetry and hydrolysis/derivatization/gas chromatography-mass spectrometry for quantitative analysis of fat from standard reference infant formula powder using supercritical fluid extraction

Barthet VJ, Daun JK// Canadian Grain Commiss, Grain Res Lab, 1404-303 Main St, Winnipeg, Manitoba, Canada R3C 3G8

J Am Oil Chem Soc 2002 **79** (3) 245

An evaluation of supercritical fluid extraction as an analytical tool to determine fat in canola, flax, solin, and mustard

Destaillass F, Angers P*// *Univ Laval, Dept Food Sci & Nutr, St Foy, Quebec, Canada G1K 7P4

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Nenadis N, Tsimidou M*// *Aristotelian Univ, Sch Chem, Food Chem & Technol Lab, GR-54006 Thessaloniki, Greece

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Wolff-Briche CSJ, Carter D, Webb KS// LGC, Queens Rd, Teddington TW11 0LY, England

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Comparison of gas chromatography and liquid chromatography mass spectrometric measurements for high accuracy analysis of cholesterol in human serum by isotope dilution mass spectrometry

Zamora R, Gomez G, Dobarganes MC, Hidalgo FJ*// *CSIC, Inst Grasa, Avda Padre Garcia Tejero 4, ES-41012 Seville, Spain

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Rizk NMH// Menoufia Univ, Gebri, Sadat, Egypt

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Siddiqui I, Pitre KS*// *Dr Hari Singh Gour Vishwavidyalaya, Dept Chem, IN-470003 Sagar, India

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Costa LM, Gouveia ST, Nobrega JA*// *Univ Fed Sao Carlos, Dept Quim, POB 676, BR-13560-970 Sao Carlos, SP, Brazil

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Devesa V, Suner MA, Lai VWM, Granchinho SCR, Martinez JM, Velez D, Cullen WR, Montoro R*// *CSIC, Inst Agroquim & Tecnol Alimentos, Apdo 73, ES-46100 Burjassot, Valencia, Spain

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Helal AI, Zahran NF, Rashad AM// Atom Energy Authority, Nucl Res Ctr, EG-13759 Cairo, Egypt

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Ji XP, Ren JJ// Hebei Med Univ, Dept Med Chem, CN-050017 Shijiazhuang, Peoples Rep China

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Sturup S// Dartmouth Coll, Dept Earth Sci, 6105 Sherman Fairchild Hall, Hanover, NH 03755, USA

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Yallouz AV, Calixto T, Hacon S// Ctr Tecnol Mineral Co-ordenacao Quim Analit, Avda Ipe 900, Ilha Cidade Univ, BR-21941-590 Rio de Janeiro, Brazil

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8. Drug, biocide & processing residues

Bjorklund E, Von Holst C, Anklam E*// *European Commiss, Inst Hlth & Consumer Protect, Food Prod Unit, Joint Res Ctr, IT-21020 Ispra, Italy

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Datta S, Loyo-Rosales JE, Rice CP// Univ Calif Davis, Dept Civil & Environm Engr, Davis, Ca 95616, USA

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Nausch I, Galley K// Lebensmittel & Veterinaruntersuchungsamt, Postfach 2743, DE-24517 Neumunster, Germany

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Spillner CJ// Syngenta, Jelotts Hill Res Ctr, Bracknell RG42 6ET, England
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Dowell FE, Pearson TC, Maghirang EB, Xie F, Wicklow DT// USDA/ARS, Grain Mkt & Prod Res Ctr, 1515 Coll Ave, Manhattan, Ks 66502, USA
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 Reflectance and transmittance spectroscopy applied to detecting fumonisin in single corn kernels infected with *Fusarium verticillioides*

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 Combined use of LC/MS and a biological test for rapid identification of marine mycotoxins produced by *Trichoderma koningii*

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Maragos CM, Plattner RD// USDA/ARS, Natl Ctr Agr Utilizat Res, Mycotoxin Res Unit, 1815 Nth Univ St, Peoria, IL 61604, USA
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Ohashi M// Moritex Co, 3-1-14 Jingumae, Shibuya ku, Tokyo 150 001, Japan
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Fernandez-Gonzalez R, Garcia-Falcon MS, Simal-Gandara J// *Univ Vigo, Fac Food Sci & Technol, Analyt & Food Chem Dept, Nutr & Bromatol Grp, Orense Campus, ES-32004 Orense, Spain
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Terry CF, Harris N*// *Lab Govt Chemist, Bioanalyt Innovation Team, Queen's Rd, Teddington TW11 0LY, England

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