

Bibliography of analytical, nutritional and clinical methods

(Four weeks journals - Search completed at 6th Mar 1996)

1 BOOKS, REVIEWS & SYMPOSIA

J Appl Ichthyol 1995 **11** (3-4)

Proceedings of the EIFAC workshop on methodology for determination of nutrient requirements in fish: Eichena, Germany, 29 June-1 July 1993

Sci Total Environ 1995 **176** (1-3)

Special issue: State of the art of trace element determinations in plant matrices: A collection of papers presented at the Workshop held in Brussels, Belgium, 28-31 May 1994

Awade AC// INRA, Lab Rech & Technol Laitiere, 65 rue St Brieuc, F-35042 Rennes, France

Z Lebensmittel-Untersuch Fors 1996 **202** (1) 1

On hen egg fractionation: Application of liquid chromatography to the isolation and the purification of hen egg white and egg yolk proteins (Review)

Barrett AH, Peleg M// US Army Res Dev & Engn Ctr, Adv Foods Branch, Natick, Ma 01760, USA

Food Sci Technol-Lebensm Wiss 1995 **28** (6) 553

Applications of fractal analysis to food structure (Review)

Pal D, Sachdeva S, Singh S*// *Natl Dairy Res Inst, Dairy Technol Div, Karnal 132001, Haryana, India

J Food Sci Technol-Mysore 1995 **32** (5) 357

Methods for determination of sensory quality of foods: A critical appraisal (Review)

2 GENERAL

Fernandez CA, Des Rosiers C, Previs SF, David F, Brunengraber H*// *Mt Sinai Med Ctr, Dept Nutr, Cleveland, Oh 44106, USA

J Mass Spectrometry 1996 **31** (3) 255

Correction of ¹³C mass isotopomer distributions for natural stable isotope abundance

Kalhan SC, Kim SK// Rainbow Babies & Children's Hosp, Div Neonatal, 11100 Euclid Ave, Cleveland, Oh 44106, USA

J Nutr 1996 **126** (1) S347

Stable isotopic traces in nutrition and metabolism: Foreword

Penninckx W, Smeyers-Verbeke J, Vankeerberghen P, Massart DL*// *Free Univ Brussels, Farmaceut Inst, Laarbeeklaan 103, B-1090 Brussels, Belgium

Anal Chem 1996 **68** (3) 481

Selection of reference or test materials for the validation of atomic absorption food analysis methods

Schoeller DA, Hnilicka JM// Univ Chicago, Comm Human Nutr & Nutr Biol, Chicago, Il 60637, USA

J Nutr 1996 **126** (1) S348

Reliability of the doubly labeled water method for the measurement of total daily energy expenditure in free-living subjects

3 AMINO ACIDS, PROTEINS & ENZYMES

Appel M, Ries GFD, Hofmeyr JHS, Bellstedt DU// Univ Stellenbosch, Dept Biochem, Stellenbosch 7600, Rep Sth Africa

J Phytopathol 1995 **143** (9) 525

A method for the quantitative assessment of wound-induced chitinase activity in potato tubers

Finn RF, Leimgruber RM, Boyle DM, Jennings MG, Kimack NM, Smith CE, Bishop BF, Frazier RB, Magin KM, Fuchs RL et al// c/o Reed AJ, Monsanto Agr Co, 700 Chesterfield Pkwy, St Louis, Mo 63198, USA

J Agr Food Chem 1996 **44** (1) 381

Purification and biochemical comparison of 1-aminocyclopropane-1-carboxylic acid deaminase proteins expressed in delayed ripening tomato and *Escherichia coli*: Studies for a food safety assessment

Kamata N, Enomoto A, Ishida S, Nakamura K, Kurisaki JI, Kaminogawa S//

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.

J Inst Brew 1996 **102** (1) 33

A fluorometric assay for proteinase A in beer and its application for the investigation of enzymatic effects on foam stability

4 CARBOHYDRATES

De Graaf RA, Lammers G, Janssen LPBM, Beenackers AACM// Univ Groningen, Nijenborgh 4, 9747 AG Groningen, The Netherlands

Starch 1995 **47** (12) 469

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Frias J, Price KR, Fenwick GR, Hedley CL, Sorensen H, Vidal-Valverde C*// *CSIC, Inst Fermentac Ind, Juan Cervia 3, E-28006 Madrid, Spain

J Chromatogr A 1996 **719** (1) 213

Improved method for the analysis of α-galactosides in pea seeds by capillary zone electrophoresis: Comparison with high-performance liquid chromatography triple-pulsed amperometric detection

Kalhan SC// Rainbow Babies & Children's Hosp, Div Neonatal, 11100 Euclid Ave, Cleveland, OH 44106, USA

J Nutr 1996 **126** (1) S362

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Norgaard L// Royal Vet & Agr Univ, Dept Dairy & Food Sci, Rolighedsvej 30, DK-1958 Frederiksberg C, Denmark

Zuckerindustrie 1995 **120** (11) 970

Classification and prediction of quality and process parameters of thick juice and beet sugar by fluorescence spectroscopy and chemometrics

Segarra I, Lao C, Lopez-Tamames E*, De la Torre-Boronat MC// *Univ Barcelona, Fac Farm, Avda Joan XXIII s/n, E-08028 Barcelona, Spain

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Sci Aliment 1995 **15** (6) 625

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Charpentier L, Murr NE*// *Fac Sci & Tech, Grp Electrochim, Lab RMN & React Chim, 2 rue Houssiniere, F-44072 Nantes 03, France

Anal Chim Acta 1995 **318** (1) 89

Amperometric determination of cholesterol in serum with use of a renewable surface peroxidase electrode

Gan IET, Schier GM// Illawarra Reg Hosp, Dept Biochem, Wollongong Campus, Box 1798, Wollongong, NSW 2500, Australia

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Johnson JH, McIntyre P, Zdunek JJ// JJJ & Associates, 320 Juniper Pkwy, Libertyville, IL 60048, USA

J Chromatogr A 1995 **718** (2) 371

Automated sample preparation for cholesterol determination in foods

Laakso P, Kallio H// Univ Turku, Dept Biochem & Food Chem, SF-20500 Turku, Finland

Lipids 1996 **31** (1) 33

Optimization of the mass spectrometric analysis of triacylglycerols using negative-ion chemical ionization with ammonia

Lanzon A, Guinda A, Albi T, De la Osa C// CSIC, Inst Grasa & Derivados, Avda Padre Garcia Tejero 4, E-41012 Seville, Spain

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Xu N, Nilsson A*// *Univ Lund Hosp, Dept Med, S-22185 Lund, Sweden

J Nutr Biochem 1996 **7** (1) 16

Uptake and interconversion of plasma unesterified ¹⁴C linoleic acid by gastrointestinal tract and blood forming tissues: An experimental study in the rat

Zhi ZL, Rios A, Valcarcel M*// *Univ Cordoba, Dept Analyt Chem, E-14004 Cordoba, Spain

Anal Chim Acta 1996 **318** (2) 187

An automated flow-reversal injection liquid-liquid extraction approach to the direct determination of total free fatty acids in olive oils

6 VITAMINS & CO-FACTORS

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J Chromatogr A 1996 **719** (1) 221

Gas chromatographic determination of cholesterol and tocopherols in edible oils and fats with automatic removal of interfering triglycerides

Balz M, Schulte E, Thier HP// Univ Munster, Inst Lebensmittelchem, Piusallee 7, D-48147 Munster, Germany

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Simultaneous determination of retinol esters and tocopherol in foods using nitro-column HPLC

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Downard AJ, Roddick AD, Bond AM// Univ Canterbury, Dept Chem, Christchurch 1, New Zealand

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Covalent modification of carbon electrodes for voltammetric differentiation of dopamine and ascorbic acid

Duggan R// IDS Ltd, Boldon Business Pk, Boldon NE35 9PD, Tyne & Wear, England

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Emenhiser C, Englert G, Sander LC, Ludwig B, Schwartz SJ*// *Nth Carolina State Univ, Dept Food Sci, Box 7624, Raleigh, NC 27695, USA

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