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Bibliography of analytical, nutritional and clinical methods

(4 weeks journals. Search completed at 20th Oct 2004)

1. Books, reviews & symposia

Chaudhuri S, Ray K, Chaudhuriand UR, Chakraborty R*// *Jadavpur Univ, Dept Food Technol & Biochem Engn, IN-700032 Calcutta, India
J Food Sci Technol Mysore 2004 **41** (1) 1
Purification of natural food colourants using membrane technology - A review
Holst-Jensen A, Berdal KG// Natl Vet Inst, POB 8156 Dep, NO-0033 Oslo, Norway
J AOAC Int 2004 **87** (4) 927
The modular analytical procedure and validation approach and the units of measurement for genetically modified materials in foods and feeds

2. General

Hau J, Devaud S, Blank I*// *Nestec Ltd, Nestle Res Ctr, Vers-chez-les-Blanc, POB 44, CH-1000 Lausanne, Switzerland
Electrophoresis 2004 **25** (13) 2077
Detection of Amadori compounds by capillary electrophoresis coupled to tandem mass spectrometry
Montes C, Campos J, Pons A, Heredia FJ*// *Univ Sevilla, Fac Farm, Area Nutr & Bromatol, ES-41012 Seville, Spain
J AOAC Int 2004 **87** (3) 632
Instrumental factors influencing absorption measurements for fluid food color determination

3. Amino acids, proteins & enzymes

Ravindran G, Bryden WL// Univ Sydney, Dept Anim Sci, Camden, NSW 2570, Australia
Food Chem 2005 **89** (2) 309
Tryptophan determination in proteins and feedstuffs by ion exchange chromatography
Simo C, Elvira C, Gonzalez N, Roman JS, Barbas C, Cifuentes A*// *Inst Ind Fermentat - CSIC, Juan Cierva 3, ES-28006 Madrid, Spain
Electrophoresis 2004 **25** (13) 2056
Capillary electrophoresis-mass spectrometry of basic proteins using a new physically adsorbed polymer coating. Some applications in food analysis

4. Carbohydrates

Stober P, Giller V, Spack L, Prodolliet J// Nestle Res Ctr, Vers-chez-les-Blanc, CH-1000 Lausanne 26, Switzerland
J AOAC Int 2004 **87** (3) 647
Estimation of the measurement uncertainty of the high-performance anion-exchange chromatographic determination of carbohydrates in soluble (instant) coffee

5. Lipids

Baggio SR, Miguel AMR, Bragagnolo N*// *Univ Estadual Campinas, Fac Engenharia Alimentos, Dept Ciencia Alimentos, BR-13083-970 Campinas, SP,

Brazil

Food Chem 2005 **89** (3) 475
Simultaneous determination of cholesterol oxides, cholesterol and fatty acids in processed turkey meat products
Sikorska E, Gorecki T, Khmelinskii IV, Sikorski M, Koziol J// Poznan Univ Economics, Fac Commodity Sci, al Niepodleglosci 10, PL-60967 Poznan, Poland
Food Chem 2005 **89** (2) 217
Classification of edible oils using synchronous scanning fluorescence spectroscopy
Tsai MY, Georgopoulos A, Otvos JD, Ordovas JM, Hanson NQ, Peacock JM, Arnett DK// Univ Minnesota, 420 Delaware St SE, Mayo Mail Code 609, Minneapolis, Mn 55455, USA
Clin Chem 2004 **50** (7) 1201
Comparison of ultracentrifugation and nuclear magnetic resonance spectroscopy in the quantification of triglyceride-rich lipoproteins after an oral fat load

6. Vitamins & co-factors

Akalin AS, Tokusoglu O// Ege Univ, Fac Agr, Dept Dairy Technol, TR-35100 Izmir, Turkey
Milchwissenschaft 2004 **59** (5-6) 244
Liquid chromatographic detection of α -, γ -, δ -tocopherols in infant formulas
Carter GD, Carter CR, Gunter E, Jones J*, Jones G, Makin HLJ, Sufi S// *Charing Cross Hosp, Dept Clin Chem, Fulham Palace Rd, London W6 8RF, England
J Steroid Biochem Mol Biol 2004 **89-90** (1-5) 467
Measurement of vitamin D metabolites: An international perspective on methodology and clinical interpretation
El-Gindy A, El-Yazby F, Mostafa A, Maher MM// Suez Canal Univ, Fac Pharm, Dept Pharmaceut Anal Chem, EG-41522 Ismailia, Egypt
J Pharmaceut Biomed Anal 2004 **35** (4) 703
HPLC and chemometric methods for the simultaneous determination of cyproheptadine hydrochloride, multivitamins, and sorbic acid
Ly SY, Chae JI, Jung YS, Jung WW, Lee HJ, Lee SH// Seoul Natl Univ Technol, Sch Appl Chem Engn, Dept Fine Chem, Seoul, South Korea
Nahrung 2004 **48** (3) 201
Electrochemical detection of ascorbic acid (vitamin C) using a glassy carbon electrode
Nilsson C, Johansson M, Yazynina E, Stralsjo L, Jastrebova J*// *Swedish University Agr Sci, Department Food Sci, POB 7051, SE-75007 Uppsala, Sweden
Eur Food Res Technol 2004 **219** (2) 199
Solid-phase extraction for HPLC analysis of dietary folates
Ozdemir D, Dinc E// Izmir Inst Technol, Fac Sci, Dept Chem, TR-35437 Izmir, Turkey
Chem Pharm Bull Tokyo 2004 **52** (7) 810
Determination of thiamine HCl and pyridoxine HCl in pharmaceutical preparations using UV-visible spectrophotometry and genetic algorithm based multivariate calibration methods
Quesada JM, Mata-Granados JM, Luque de Castro MD*// *Univ Cordoba, Dept Analyt Chem, Annex C-3, Campus Rabanales, ES-14071 Cordoba, Spain
J Steroid Biochem Mol Biol 2004 **89-90** (1-5) 473
Automated method for the determination of fat-soluble vitamins in serum

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.

Zinelli A, Carru C*, Sotgia S, Deiana L// *Univ Sassari, Viale San Pietro 43/B, IT-07100 Sassari, Italy
Anal Biochem 2004 **330** (2) 298
 Optimization of ascorbic and uric acid separation in human plasma by free zone capillary electrophoresis ultraviolet detection

7. Trace elements & minerals

Pena-Farfal C, Moreda-Pineiro A, Bermejo-Barrera A, Bermejo-Barrera P*, Pinochet-Cancino H, De Gregori-Henriquez I// *Univ Santiago de Compostela, Fac Chem, Dept Analyt Chem Nutr & Bromatol, Avda Ciencias s/n, ES-15782 Santiago de Compostela, Spain
Anal Chem 2004 **76** (13) 3541
 Ultrasound bath-assisted enzymatic hydrolysis procedures as sample pretreatment for the multielement determination in mussels by inductively coupled plasma atomic emission spectrometry

8. Drug, biocide & processing residues

Albero B, Sanchez-Brunete C, Tadeo JL*// *INIA, Dept Med Ambiente, Apdo 8111, ES-28080 Madrid, Spain
J AOAC Int 2004 **87** (3) 664
 Determination of thiabendazole in orange juice and rind by liquid chromatography with fluorescence detection and confirmation by gas chromatography/mass spectrometry after extraction by matrix solid-phase dispersion

Armendariz C, De Ciriza JAP, Farre R*// *Univ Valencia, Fac Farm, Avda Vicent Andres Estelles s/n, ES-46100 Burjassot, Spain
Int J Food Sci Nutr 2004 **55** (3) 215
 Gas chromatographic determination of organochlorine pesticides in cow milk

Berrada H, Font G, Molto JC*// *Univ Valencia, Fac Farm, Lab Bromatol & Toxicol, Avda Vicent Andres Estelles s/n, ES-46100 Burjassot, Spain
J Chromatogr A 2004 **1042** (1-2) 9
 Application of solid-phase microextraction for determining phenylurea herbicides and their homologous anilines from vegetables

Boni A, Cremisini C, Magaro E, Tosi M, Vastarella W, Pilloton R*// *ENEA, Ctr Ric Casaccia, SP061, Via Anguillarese 301, IT-00060 Santa Maria di Galeria, Rome, Italy
Anal Lett 2004 **37** (8) 1683
 Optimized biosensors based on purified enzymes and engineered yeasts: Detection of inhibitors of cholinesterases on grapes

Gustavsson E, Sternesjo A*// *Swedish Univ Agr Sci, Dept Food Sci, POB 7051, SE-75007 Uppsala, Sweden
J AOAC Int 2004 **87** (3) 614
 Biosensor analysis of β -lactams in milk: Comparison with microbiological, immunological, and receptor-based screening methods

Hernandez-Borges J, Rodriguez-Delgado MA, Garcia-Montelongo FJ, Cifuentes A*// *Inst Ind Fermentation - CSIC, Juan Cierva 3, ES-28006 Madrid, Spain
Electrophoresis 2004 **25** (13) 2065
 Highly sensitive analysis of multiple pesticides in foods combining solid-phase microextraction, capillary electrophoresis-mass spectrometry and chemometrics

Horie M, Murayama M// Saitama Prefectural Inst Publ Hlth, 639-1 Kamiokubo, Sakura ku, Urawa, Saitama 338 0824, Japan
J Food Hyg Soc Jpn 2004 **45** (3) 135
 Determination of carbadox metabolites, quinoxaline-2-carboxylic acid and desoxycarbadox, in swine muscle and liver by liquid chromatography/mass spectrometry (Japanese, English Abstract)

Hu XZ, Yu JX, Yan ZG, Ni LS, Lin YF, Wang P, Li J, Huang X, Chu XG, Zhang YB// Hubei Entry Exit Inspect & Quarantine Bureau, Ctr Technol, 3 Wansongyuan Rd, CN-430022 Wuhan, Hubei, Peoples Rep China
J AOAC Int 2004 **87** (4) 972
 Determination of multiclass pesticide residues in apple juice by gas chromatography-mass selective detection after extraction by matrix solid-phase dispersion

Ito Y, Goto T, Oka H, Matsumoto H, Takeba K// Aichi Prefectural Inst Publ Hlth, Kita ku, Nagoya, Aichi 462 8576, Japan
J Chromatogr A 2004 **1042** (1-2) 107
 Application of ion-exchange cartridge clean-up in food analysis. VI. Determination of six penicillins in bovine tissues by liquid chromatography-electrospray ionization tandem mass spectrometry

Jayaraman S, Das M*, Naika M// *Def Food Res Lab, Food Contaminants Div, IN-570011 Mysore, India
J Food Sci Technol Mysore 2004 **41** (1) 14
 A simple enzymatic technique for determination of monocrotophos residues in tender coconut water

Jiang W, Kon RT, Othoudt RA, Leavitt RA, Kumar S, Geissel LD, Gomaa EA// Michigan State Univ, Natl Food Safety & Toxicol Ctr, East Lansing, MI 48824, USA
Bull Environ Contam Toxicol 2004 **73** (1) 9
 Method development, validation, and analysis of bifenthrin residues in fresh and dry cilantro foliages and cilantro seeds using GC-ECD

Kakimoto Y, Naetoko YD, Hara H, Miyatake M, Sato A, Tatsuguchi H, Takahata R, Yamamoto R, Joh T// Ctr Food Qual, Labeling & Consumer Serv, 2-1 Shintoshin, Chuoh-ku, Saitama 330 9731, Japan
J Food Hyg Soc Jpn 2004 **45** (3) 165
 Evaluation of method for simultaneous determination of pesticide residues in fruits and vegetables by collaborative study (Japanese, English Abstract)

Kim KS, Lee JM, Hong CH// Chosun Univ, Dept Food & Nutr, Seosuk dong 375, Kwangju 501 759, South Korea
Lebensm Wiss Technol Food Sci 2004 **37** (5) 559
 Solid phase extraction (SPE) method for detection of irradiated meats

Kuklenyik Z, Reich JA, Tully JS, Needham LL, Calafat AM*// *Ctr Dis Control & Prevent, Natl Ctr Environm Hlth, Div Sci Lab, Atlanta, Ga 30341, USA
Environ Sci Technol 2004 **38** (13) 3698
 Automated solid-phase extraction and measurement of perfluorinated organic acids and amides in human serum and milk

McMullen SE, Lansden JA, Schenck FJ// US/FDA, SE Reg Lab, 60 8th St NE, Atlanta, Ga 30309, USA
J Food Prot 2004 **67** (7) 1533
 Modifications and adaptations of the Charm II rapid antibody assay for chloramphenicol in honey

Nagata T, Ashizawa E, Hashimoto H// Chiba Prefectural Inst Publ Hlth, 666-2 Nitona cho, Chuo ku, Chiba 26 08715, Japan
J Food Hyg Soc Jpn 2004 **45** (3) 161
 Simultaneous determination of residual fourteen kinds of β -lactam and macrolide antibiotics in bovine muscles by high-performance liquid chromatography with a diode array detector (Japanese, English Abstract)

Poustka J, Hajsova J, Holadova K, Novakova K// Inst Chem Technol, Dept Food Chem & Anal, Technicka 3, CZ-16628 Prague 6, Czech Republic
Czech J Food Sci 2004 **22** (1) 24
 Potential of liquid chromatography-atmospheric pressure chemical ionisation tandem mass spectrometry for determination of fosetyl-aluminium residues in dried hops

Saito K, Ishizuka M, Sugawara Y, Nakazawa H, Matsuki Y// Saitama Inst Publ Hlth, Dioxin Res Grp, 639-1 Kamiokubo, Sakura ku, Saitama 338 0824, Japan
Bull Environ Contam Toxicol 2004 **73** (1) 17
 Cleanup method using disposable tandem cartridge system for the determination of dioxins in human milk by enzyme-linked immunosorbent assay

Sannino A// Stazione Sperimentale Ind Conserve Alimentari, Viale F Tanara 31/A, IT-43100 Parma, Italy
J AOAC Int 2004 **87** (4) 991
 Evaluation of a method based on liquid chromatography/electrospray tandem mass spectrometry for analyzing eight triazolic and pyrimidine fungicides in extracts of processed fruits and vegetables

Schneider MJ, Lehotay SJ// USDA/ARS, Eastern Reg Res Ctr, 600 East Mermaid Lane, Wyndmoor, Pa 19038, USA
J AOAC Int 2004 **87** (3) 587
 Rapid fluorescence screening assay for tetracyclines in chicken muscle

Sohn SH, Kim SK*, Kang HG, Wee JJ// *Konkuk Univ, Coll Nat Sci, Dept Life Sci, 322 Dwanwol dong, Chungju City, Chungbuk Province 380 701, South Korea
J Chromatogr A 2004 **1042** (1-2) 163
 Two-phase partition chromatography using soybean oil eliminates pesticide residues in aqueous ginseng extract

Ting KC, Zhou EGM, Saini N// State Calif Dept Food & Agr, Ctr Analyt Chem, 169 East Liberty Ave, Anaheim, Ca 92801, USA
J AOAC Int 2004 **87** (4) 997
 Determination of imidacloprid in fruits and vegetables by liquid chromatography with diode array and nitrogen-specific chemiluminescence detection

Ueno E, Oshima H, Saito I, Matsumoto H, Yoshimura Y, Nakazawa H// Aichi Prefectural Inst Publ Hlth, Dept Chem, Tsuji machi, Kita ku, Nagoya, Aichi 462 8576, Japan
J AOAC Int 2004 **87** (4) 1003
 Multiresidue analysis of pesticides in vegetables and fruits by gas chromatography/mass spectrometry after gel permeation chromatography and graphitized carbon column cleanup

Van Bruijnsvoort M, Rooselaar J, Stern AG, Jonker KM// Dutch Food & Non-Food Authority, Inspectorate Hlth Protect & Vet Publ Hlth, POB 202, NL-7200 AE Zutphen, The Netherlands
J AOAC Int 2004 **87** (4) 1016
 Determination of residues of quaternary ammonium disinfectants in food products by liquid chromatography-tandem mass spectrometry

- Verma BC, Sood S, Chauhan C, Sharma DK// Himachal Pradesh Univ, Dept Chem, Summer Hill, IN-171005 Shimla, Himachal Pradesh, India
J AOAC Int 2004 **87** (4) 811
 A simple and rapid spectrophotometric method for determination of thiophanate-methyl in commercial formulations and its residues in foodstuffs
- Watanabe H, Satake A, Kido Y, Tsuji A// Res Inst Anim Sci Biochem & Toxicol, 3-7-11 Hashimoto-dai, Sagamihara, Kanagawa 229 113, Japan
J Food Hyg Soc Jpn 2004 **45** (3) 107
 Development of monoclonal-based enzyme-linked immunosorbent assay and immunochromatographic assay for lasalocid and semduramicin (Japanese, English Abstract)
- Young MS, Jenkins KM, Mallet CR// Waters Corp, 34 Maple St, Milford, MA 01757, USA
J AOAC Int 2004 **87** (4) 961
 Solid-phase extraction and cleanup procedures for determination of acrylamide in fried potato products by liquid chromatography/mass spectrometry
- Yurchenko S, Molder U// Univ Tartu, Dept Chem, Jakobi 2, EE-51014 Tartu, Estonia
Food Chem 2005 **89** (3) 455
N-Nitrosodimethylamine analysis in Estonian beer using positive-ion chemical ionization with gas chromatography mass spectrometry

9. Toxins/Allergens

- Akiyama H, Isuzugawa K, Harikai N, Watanabe H, Iijima K, Yamakawa H, Mizuguchi Y, Yoshikawa R, Yamamoto M, Sato H, Watai M, Arakawa F, Ogasawara T, Nishihara R, Kato H, Yamauchi A, Takahata Y, Morimatsu F, Mamegoshi S, Muraoka S, Honjoh T, Watanabe T, Sakata K, Imamura T, Toyoda M, Matsuda R, Maitani T// Natl Inst Hlth Sci, 1-18-1 Kamiyoga, Setagaya ku, Tokyo 158 8501, Japan
J Food Hyg Soc Jpn 2004 **45** (3) 120
 Inter-laboratory evaluation studies for development of notified ELISA methods for allergic substances (milk) (Japanese, English Abstract)
- Akiyama H, Isuzugawa K, Harikai N, Watanabe H, Iijima K, Yamakawa H, Mizuguchi Y, Yoshikawa R, Yamamoto M, Sato H, Watai M, Arakawa F, Ogasawara T, Nishihara R, Kato H, Yamauchi A, Takahata Y, Morimatsu F, Mamegoshi S, Muraoka S, Honjoh T, Watanabe T, Sakata K, Imamura T, Toyoda M, Matsuda R, Maitani T// Address as above
J Food Hyg Soc Jpn 2004 **45** (3) 128
 Inter-laboratory evaluation studies for development of notified ELISA methods for allergic substances (wheat) (Japanese, English Abstract)
- Alarcon SH, Micheli L, Palleschi G, Compagnone D*// *Univ Teramo, Dipt Sci Alimenti, Via Spagna 1, IT-64023 Mosciano S Angelo, Teramo, Italy
Anal Lett 2004 **37** (8) 1545
 Development of an electrochemical immunosensor for ochratoxin A
- Dzyadevych SV, Arkhypova VN, Soldatkin AP, El'skaya AV, Martelet C, Jaffrezic-Renault N// Natl Acad Sci Ukraine, Inst Mol Biol & Genet, Lab Biomol Elect, 150 Zabolotnogo St, UA-03143 Kiev, Ukraine
Anal Lett 2004 **37** (8) 1611
 Enzyme biosensor for tomatoate detection in tomatoes
- Krska R, Josephs RD, Pettersson H, MacDonald S// IFA Tulln, Ctr Analyt Chem, Inst Agrobiotechnol, Konrad Lorenz Str 20, AT-3430 Tulln, Austria
J AOAC Int 2004 **87** (4) 892
 Preparation and certification of zearalenone mass concentration of two low-level maize reference materials
- Lotierzo M, Henry OYF, Piletsky S, Tothill I, Cullen D, Kania M, Hock B, Turner APF*// Cranfield Univ, Inst BioSci & Technol, Silsoe MK45 4DT, England
Biosens Bioelectron 2004 **20** (2) 145
 Surface plasmon resonance sensor for domoic acid based on grafted imprinted polymer
- Micheli L, Radoi A, Guerrina R, Massaud R, Bala C, Moscone D, Palleschi G// Univ Tor Vergata, Dipt Sci & Tecnol Chim, Via Ricerca Scientifica, IT-00133 Rome, Italy
Biosens Bioelectron 2004 **20** (2) 190
 Disposable immunosensor for the determination of domoic acid in shellfish
- Samdal IA, Naustvoll LJ, Olseng CD, Briggs LR, Miles CO*// *Natl Vet Inst, POB 8156 Dep, NO-0033 Oslo, Norway
Toxicon 2004 **44** (1) 75
 Use of ELISA to identify *Protoceratium reticulatum* as a source of yessotoxin in Norway
- Sugita-Konishi Y, Takatori K, Tanaka T, Sugiura Y, Nakajima M, Tanaka K, Kumagai S// Natl Inst Hlth Sci, 1-18-1 Kamiyoga, Setagaya ku, Tokyo 158 8501, Japan
J Food Hyg Soc Jpn 2004 **45** (3) 156
 Evaluation of three commercial ELISA kits for rapid screening of deoxy-nivalenol in unpolished wheat (Japanese, English Abstract)
- Trucksess MW, Whitaker TB, Slate AB, Williams KM, Brewer VA, Whittaker P, Heeres JT// US/FDA, Ctr Food Safety & Appl Nutr, 5100 Paint Branch Pkwy, College Park, Md 20740, USA
J AOAC Int 2004 **87** (4) 943
 Variation of analytical results for peanuts in energy bars and milk chocolate
- Usup G, Leaw CP, Cheah MY, Ahmad A, Ng BK// Univ Kebangsaan Malaysia, Fak Sains Teknol, Marine Sci Program, MY-43600 Bangi, Selangor, Malaysia
Toxicol 2004 **44** (1) 37
 Analysis of paralytic shellfish poisoning toxin congeners by a sodium channel receptor binding assay
- Vargas EA, Whitaker TB, Santos EA, Slate AB, Lima FB, Franca RCA// Minist Agr Pecuaria & Abastecimento, Lab Controle Qualidade & Segurança Alimentar/LAV-MG, BR-30380-090 Belo Horizonte, MG, Brazil
J AOAC Int 2004 **87** (4) 884
 Testing green coffee for ochratoxin A, part I: Estimation of variance components

10. Additives

- Calbiani F, Careri M*, Elviri L, Mangia A, Pistara L, Zagnoni I// *Univ Parma, Dipi Chim Gen Inorgan Chim Anal Chim Fis, Parco Area Sci 17/A, IT-43100 Parma, Italy
J Chromatogr A 2004 **1042** (1-2) 123
 Development and in-house validation of a liquid chromatography-electrospray-tandem mass spectrometry method for the simultaneous determination of Sudan I, Sudan II, Sudan III and Sudan IV in hot chilli products
- Hanko VP, Rohrer JS// Dionex Chem Corp, 500 Mercury Dr, Sunnyvale, CA 94088, USA
J Agric Food Chem 2004 **52** (14) 4375
 Determination of sucralose in Splenda and a sugar-free beverage using high-performance anion-exchange chromatography with pulsed amperometric detection
- Huang HY, Chuang CL, Chiu CW, Yeh JM// Chung Yuan Christian Univ, Dept Chem & Ctr Nanotechnol, Chung Li, Taiwan
Food Chem 2005 **89** (2) 315
 Application of microemulsion electrokinetic chromatography for the detection of preservatives in foods
- Ishikawa F, Oishi M, Kimura K, Yasui A, Saito K// Tokyo Metropolitan Institute Publ Hlth, 3-24-1 Hyakunin cho, Shinjuku ku, Tokyo 169 0073, Japan
J Food Hyg Soc Jpn 2004 **45** (3) 150
 Determination of synthetic food dyes in food by capillary electrophoresis (Japanese, English Abstract)
- Tripathi M, Khanna SK, Das M*// *Ind Toxicol Res Ctr, Food Toxicol Lab, POB 80, IN-226001 Lucknow, India
J AOAC Int 2004 **87** (3) 657
 A novel method for the determination of synthetic colors in ice cream samples

11. Flavours & aromas

- Aung LH, Jenner JF// USDA/ARS, Postharvest Qual & Genet Res Unit, 9611 Sth Riverbend Ave, Parlier, Ca 93648, USA
J Stored Prod Res 2004 **40** (4) 451
 Detection of 2,4,6-trichloroanisole in microorganism-free irradiated raisins by solid-phase micro extraction and GC-MS
- Choi HS// Shinheung Coll, Dept Food Nutr, Kyonggi do 480 701, South Korea
Food Sci Biotechnol 2004 **13** (3) 279
 Characteristic odor components of *Perilla frutescens* var. *acuta* Kudo oil by aroma extract dilution analysis
- Coghe S, Martens E, D'Hollander H, Dirinck PJ, Delvaux FR// Katholieke Univ Leuven, Ctr Malting & Brewing Sci, Kasteelpk Arenberg 22, BE-3001 Heverlee, Belgium
J Inst Brew 2004 **110** (2) 94
 Sensory and instrumental flavour analysis of wort brewed with dark specialty malts
- Gan HL, Tan CP, Che Man YB*, NorAini I, Nazimah SAH// *Univ Putra Malaysia, Fac Food Sci & Biotechnol, Dept Food Technol, MY-43400 UPM, Serdang, Selangor, Malaysia
Food Chem 2005 **89** (2) 271
 Monitoring the storage stability of RBD palm olein using the electronic nose
- Kanakis CD, Daferera DJ, Tarantilis PA, Polissiou MG*// *Agr Univ Athens, Chem Lab, Dept Sci, 75 Iera Odos, GR-11855 Athens, Greece
J Agric Food Chem 2004 **52** (14) 4515
 Qualitative determination of volatile compounds and quantitative evaluation of

- safranal and 4-hydroxy-2,6,6-trimethyl-1-cyclohexene-1-carboxaldehyde (HTCC) in Greek saffron
- Kumar S, Yadav SK, Chauhan JS, Singh AK, Khan NA, Kumar PR// Natl Res Ctr Rapeseed Mustard, IN-321303 Sewar, Bharatpur, India
J Food Sci Technol Mysore 2004 **41** (1) 63
- Total glucosinolate estimation by complex formation between glucosinolates and tetrachloropalladate (II) using ELISA reader
- Mauriello G, Marino R, D'Auria M*, Cerone G, Rana GL// *Univ Basilicata, Dipt Chim, Via Nth Sauro 85, IT-85100 Potenza, Italy
J Chromatogr Sci 2004 **42** (6) 299
- Determination of volatile organic compounds from truffles via SPME-GC-MS
- Ni Y, Zhang G, Kokot S// Nanchang Univ, Dept Chem, CN-330047 Nanchang, Jiangxi, Peoples Rep China
Food Chem 2005 **89** (3) 465
- Simultaneous spectrophotometric determination of maltol, ethyl maltol, vanillin and ethyl vanillin in foods by multivariate calibration and artificial neural networks
- Tenailleau E, Lancelin P, Robins RJ, Akoka S// Univ Nantes, Fac Sci & Tech, LAIEM, UMR CNRS 6006, 2 rue Houssiniere, BP 92208, FR-44322 Nantes 3, France
Anal Chem 2004 **76** (13) 3818
- NMR approach to the quantification of nonstatistical ¹³C distribution in natural products: Vanillin
- Torrens J, Riut-Aumatell M, Lopez-Tamames E, Buxaderas S// *Univ Barcelona, Fac Farm, CeRTA, Dept Nutricio & Bromatol, Avda Joan XXIII, s/n, ES-08028 Barcelona, Spain
J Chromatogr Sci 2004 **42** (6) 310
- Volatile compounds of red and white wines by headspace-solid phase microextraction using different fibers

13. Animal products

- Asensio L, Gonzalez I*, Rodriguez MA, Hernandez PE, Garcia T, Martin R// *Univ Complutense Madrid, Fac Vet, Dept Nutr Bromatol & Tecnol Alimentos, ES-28040 Madrid, Spain
J Agric Food Chem 2004 **52** (14) 4419
- PCR-ELISA for the semiquantitative detection of nile perch (*Lates niloticus*) in sterilized fish muscle mixtures
- Brescia MA, Monfreda M, Buccolieri A, Carrino C// Univ Bari, Dipt Chim, Via Orabona 4, IT-70126 Bari, Italy
Food Chem 2005 **89** (1) 139
- Characterisation of the geographical origin of buffalo milk and mozzarella cheese by means of analytical and spectroscopic determinations
- Cizkova H, Voldrich M, Prokoratova V, Kvasnicka F// Vysoka Skola Chem Technol Praze, Fak Potravinarske & Biochem, CZ-16000 Prague 6, Czech Republic
Czech J Food Sci 2004 **22** (1) 9
- Determination of egg yolk content in egg liqueurs
- Karoui R, Dufour E*, Pillonel L, Picque D, Cattenoz T, Bosset JO// *ENITA Clermont Ferrand, UR Typicite Produits Alimentaires, FR-63370 Lempdes, France
Eur Food Res Technol 2004 **219** (2) 184
- Determining the geographic origin of Emmental cheeses produced during winter and summer using technique based on the concatenation of MIR and fluorescence spectroscopic data
- Mizuta S, Fujisawa S, Nishimoto M, Yoshinaka R// Fukui Prefectural Univ, Fac Biotechnol, Dept Marine Biosci, Obama, Fukui 917-0003, Japan
Food Chem 2005 **89** (3) 373
- Biochemical and immunochemical detection of types I and V collagens in tiger puffer *Takifugu rubripes*

14. Plant & microbial products

- Christensen J, Norgaard L, Heimdal H, Pedersen JG, Engelsen SB// Royal Vet & Agr Univ, Dept Food Sci, DK-1958 Frederiksberg C, Denmark
J Near Infrared Spectrosc 2004 **12** (1) 63
- Rapid spectroscopic analysis of marzipan - Comparative instrumentation
- Cortacero-Ramirez S, Segura-Carretero A*, Cruces-Blanco C, De Castro MHB, Fernandez-Gutierrez A// *Univ Granada, Fac Sci, Dept Analyt Chem, C/ Fuerteventura s/n, ES-18071 Granada, Spain
Electrophoresis 2004 **25** (12) 1867
- Direct multicomponent analysis of beer samples constituents using micellar electrokinetic capillary chromatography
- Fernandes EN, Reis BF// *Univ Sao Paulo, Ctr Energia Nucl & Agr, POB 96, BR-13400-970 Piracicaba, SP, Brazil
J AOAC Int 2004 **87** (4) 920
- Automatic flow procedure for the determination of ethanol in wine exploiting multicommutation and enzymatic reaction with detection by chemiluminescence
- Germini A, Mezzelani A, Lesignoli F, Corradini R, Marchelli R*, Bordoni R, Consolandi C, De Bellis G// *Univ Parma, Dipt Chim Organ & Ind, Parco Area Sci 17/A, IT-43100 Parma, Italy
J Agric Food Chem 2004 **52** (14) 4535
- Detection of genetically modified soybean using peptide nucleic acids (PNAs) and microarray technology
- Gustavsson AM, Martinsson K// Swedish Univ Agr Sci, Dept Agricultural Res Nthn Sweden, Box 4097, SE-90403 Umea, Sweden
Grass Forage Sci 2004 **59** (2) 186
- Comparison between two modified methods of neutral-detergent fibre analysis
- Jamin E, Martin F, Martin GG// Eurofins Scientific Analytics, BP42301, rue Pierre Adolphe Bobierie, FR-44323 Nantes 3, France
J AOAC Int 2004 **87** (3) 621
- Determination of the ¹³C/¹²C ratio of ethanol derived from fruit juices and maple syrup by isotope ratio mass spectrometry: Collaborative study
- Kammerer D, Claus A, Carle R, Schieber A*// *Univ Hohenheim, Inst Food Technol, Sect Plant Foodstuff Technol, August von Hartmann Str 3, DE-70599 Stuttgart, Germany
J Agric Food Chem 2004 **52** (14) 4360
- Polyphenol screening of pomace from red and white grape varieties (*Vitis vinifera* L.) by HPLC-DAD-MS/MS
- Lang QY, Wai CM, Ang CYW*, Cui YY, Heinze TM, Mattia A, Dinovi M// *US/FDA, Natl Ctr Toxicol Res, 3900 NCTR Rd, HFT 230, Jefferson, AR 72079, USA
J AOAC Int 2004 **87** (4) 815
- Sample preparation and determination of *Ginkgo* terpene trilactones in selected beverage, snack, and dietary supplement products by liquid chromatography with evaporative light-scattering detection
- Lovett DK, Deaville ER, Mould F, Givens DI, Owen E// Univ Coll Dublin, Dept Anim Sci & Prod, Lyons Res Farm, Dublin 2, Rep Ireland
Anim Feed Sci Technol 2004 **115** (1-2) 179
- Using near infrared reflectance spectroscopy (NIRS) to predict the biological parameters of maize silage
- McCleaney BV, Rossiter P// Megazyme Int Ireland Ltd, Bray Business Pk, Sthn Cross Rd, Bray, Co Wicklow, Rep Ireland
J AOAC Int 2004 **87** (3) 707
- Measurement of novel dietary fibers
- Oshima H, Ueno E, Saito I, Matsumoto H// Aichi Prefectural Inst Publ Hlth, Tsuji machi, Kita ku, Nagoya, Aichi 462 8576, Japan
J AOAC Int 2004 **87** (4) 937
- Development of a solid-phase extraction method for determination of pheophorbide a and pyropheophorbide a in health foods by liquid chromatography
- Quirasco M, Schoel B, Plasencia J, Fagan J, Galvez A*// *Natl Autonomous Univ Mexico, Fac Quim, Dept Alimentos & Biotechnol, MX-04510 Mexico City, DF, Mexico
J AOAC Int 2004 **87** (3) 639
- Suitability of real-time quantitative polymerase chain reaction and enzyme-linked immunosorbent assay for Cry9C detection in Mexican corn tortillas: Fate of DNA and protein after alkaline cooking
- Raffo A, Gianferri R, Barbieri R, Brosio E// *Univ Rome La Sapienza, Dept Chem, Box 34, Roma 62, Ple Aldo Moro, IT-00185 Roma 5, Italy
Food Chem 2005 **89** (1) 149
- Ripening of banana fruit monitored by water relaxation and diffusion ¹H-NMR measurements
- Rosch D, Krumbein A, Mugge C, Kroh LW// *Tech Univ Berlin, Inst Lebensmitteltechnol & Lebensmittelchem, Gustav Meyer Allee 25, DE-13355 Berlin, Germany
J Agric Food Chem 2004 **52** (13) 4039
- Structural investigations of flavonol glycosides from sea buckthorn (*Hippophae rhamnoides*) pomace by NMR spectroscopy and HPLC-ESI-MSⁿ
- Saita T, Fujito H, Mori M// Saga Univ Hosp, Dept Pharm, 5-1-1 Nabeshima, Saga 849 8501, Japan
Biol Pharm Bull 2004 **27** (7) 974
- Screening of furanocoumarin derivatives in citrus fruits by enzyme-linked immunosorbent assay
- Uematsu Y, Hirata K, Suzuki K, Iida K, Kamata K// Tokyo Metropolitan Inst Publ Hlth, 3-24-1 Hyakunin cho, Shinjuku ku, Tokyo 169 0073, Japan
J Food Hyg Soc Jpn 2004 **45** (3) 141
- Investigation of spectrophotometrically determined substances in *Yucca* extract by GC/MS, TLC and on-column injection GC (Japanese, English Abstract)
- Whitaker TB, Truckless MW, Giesbrecht FG, Slate AB, Thomas FS// Nth Carolina State Univ, USDA/ARS, Box 7625, Raleigh, NC 27695, USA
J AOAC Int 2004 **87** (4) 950
- Evaluation of sampling plans to detect Cry9C protein in corn flour and meal