

Bibliography of analytical, nutritional and clinical methods

(2 weeks journals. Search completed at 17th. Dec. 2003)

3. Amino acids, proteins & enzymes

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Kato M, Gyoten Y, Sakai-Kato K, Toyo'oka T*// *Univ Shizuoka, Sch Pharmaceut Sci, Dept Analyt Chem, 52-1 Yada, Shizuoka 422 8526, Japan

J Chromatogr A 2003 **1013** (1-2) 183

Rapid analysis of amino acids in Japanese green tea by microchip electrophoresis using plastic microchip and fluorescence detection

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Wang T, Lucey JA*// *Univ Wisconsin, Dept Food Sci, 1605 Linden Dr, Madison, WI 53706, USA

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Grant GA, Frison SL, Yeung J, Vasanthan T, Sporns P*// *Univ Alberta, Dept Agr Food & Nutr Sci, Edmonton, Alberta, Canada T6G 2P5

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Anderson NM, Walker PN*// *Penn State Univ, Dept Agr & Biol Engr, 223 Agr Engr Bldg, University Park, Pa 16802, USA

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Eymard S, Genot C*// *INRA, LEIMA, BP 71627, FR-44316 Nantes 3, France

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A modified xylenol orange method to evaluate formation of lipid hydroperoxides during storage and processing of small pelagic fish

Guillen MD, Ruiz A// UPV, Fac Farm, 7 Paseo Univ, ES-01006 Vitoria, Spain

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Mezine I, Zhang HZ, Macku C, Lijana R// AM Todd Grp, 150 Domorah Dr, Montgomeryville, Pa 18936, USA

J Agric Food Chem 2003 **51** (19) 5639

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Mjos SA, Pettersen J// Norwegian Inst Fisheries & Aquaculture Res, Dept

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.

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 Dietary supplement oil classification and detection of adulteration using Fourier transform infrared spectroscopy
- Shimamoto J, Hiratsuka S, Hasegawa K, Sato M, Kawano S// Shizuoka Prefectural Fisheries Expt Stn, Shizuoka 425 0033, Japan
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- Vigli G, Philippidis A, Spyros A, Dais P*// *Univ Crete, Dept Chem, NMR Lab, GR-71409 Iraklion, Crete, Greece
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- Wolf WR, LaCroix DE, Goel R, Kaur M// USDA, Food Compos Lab, Beltsville Human Nutr Res Ctr, Beltsville, Md 20705, USA
J Am Oil Chem Soc 2003 **80** (9) 853
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- Xu XQ// Food Sci Australia, Private Bag 16, Werribee, Vic 3030, Australia
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 A chromatometric method for the rapid assessment of deep frying oil quality

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- Pfendt LB, Vukasinovic VL, Blagojevic NZ, Radojevic MP// Univ Belgrade, Fac Chem, Box 158, Studentski trg 12-16, YU-11001 Belgrade, Yugoslavia
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 Second order derivative spectrophotometric method for determination of vitamin C content in fruits, vegetables and fruit juices

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- Cai LS, Xing J, Dong L, Wu CY*// *Wuhan Univ, Coll Chem & Mol Sci, CN-430072 Wuhan, Peoples Rep China
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- Gabalton JA, Cascales JM, Morias S, Maquieira A*, Puchades R// *Univ Politen Valencia, Dept Quim, Camino de Vera s/n, ES-46071 Valencia, Spain
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- Jensen S, Haggberg L, Jorundsdottir H, Odham G// Stockholm Univ, Inst Appl Environm Res, SE-10691 Stockholm, Sweden
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Mol HGJ, van Dam RCJ, Steijger OM// TNO, Nutr & Food Res, POB 360, NL-3700 AJ Zeist, The Netherlands
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Sanchez R, Vazquez A, Riquelme D, Villen J// *Univ Castilla La Mancha, Escuela Tecn Super Ingn Agron, Campus Univ s/n, ES-02071 Albacete, Spain
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Schaefer A, Kuchler T, Simat TJ*, Steinhart H// *Univ Hamburg, Inst Biochem & Food Chem, Dept Food Chem, Martinistr 52, Hamburg, Germany
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Ukai M, Shimoyama Y// Hokkaido Univ, Dept Food Sci, Hakodate, Hokkaido 040 856, Japan
J Food Sci 2003 **68** (7) 2225

An electron spin resonance study of evolution of organic free radicals in irradiated pepper during heat treatment

9. Toxins/Allergens

Cooper KM, Ribeiro L, Alves P, Vozikis V, Tsitsamis S, Alfredsson G, Lovgren T, Tuomola M, Takalo H, Iitia A, Sterk SS, Blockland M, Kennedy DG// *Dept Agr & Rural Dev, Chem Surveillance Dept, Vet Sci Div, Belfast BT4 3SD, Northern Ireland
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In-house direct cELISA for determining aflatoxin B₁ in Thai corn and peanuts

Rychlik M// Tech Univ Munich, Inst Lebensmittelchem, Lichtenbergstr 4,

DE-85748 Garching, Germany

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Sierra MD, Furey A, Hamilton B, Lehane M, James KJ// *Cork Inst Technol, Dept Chem, Bishopstown, Rep Ireland
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Tudos AJ, Lucas-van den Bos ER, Stigter ECA// NIZO Food Res, Proc Qual & Safety, Kernhemsweg 2, NL-6718 ZB Ede, The Netherlands
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11. Flavours & aromas

Caccamese S, Manna L, Scivoli G// Univ Catania, Dipt Sci Chim, Viale A Doria 6, IT-95125 Catania, Italy
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Chiral HPLC separation and CD spectra of the C-2 diastereomers of naringin in grapefruit during maturation

Chatonnet P, Labadie D, Boutou S// Lab Excell, Parc Innolin, 10 rue Golf, FR-33700 Merignac, France
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Del Valle JM, Rivera O, Teuber O, Palma MT// Pontificia Univ Catolica Chile, Chem & Bioproc Engr Dept, Extract Lab Biol Mat, Santiago, Chile
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Diaz P, Ibanez E, Senorans FJ, Reglero G// CSIC, Inst Fermentation Ind, Juan Cierva 3, ES-28006 Madrid, Spain
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J Food Sci 2003 **68** (7) 2158

Rapid analysis of volatile release from powders using dynamic vapor sorption atmospheric pressure chemical ionization mass spectrometry

Giordano L, Calabrese R, Davoli E, Rotilio D// *Mario Negri Inst Pharmacol Res, Gennaro Paone Environm Hlth Ctr, IT-66030 Santa Maria Imbaro, Chieti, Italy
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Gutierrez-Rosales F, Rios JJ, Gomez-Rey ML// Inst Grasa - CSIC, Dept Caracterizacion & Calidad Alimentos, Avda Padre Garcia Tejero 4, ES-41012 Seville, Spain
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Main polyphenols in the bitter taste of virgin olive oil. Structural confirmation by on-line high-performance liquid chromatography electrospray ionization mass spectrometry

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Poly(vinylferrocene)-poly(ethylene glycol) glutamate oxidase electrode for determination of L-glutamate in commercial soy sauces

Roussel S, Bellon-Maurel W, Roger JM, Grenier P// Cemagref, 361 rue JF Breton, BP 5095, FR-34033 Montpellier, France

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12. Organic acids

Ibanez C// Lucta SA, Analyt Res Dept, POB 1112, ES-08080 Barcelona, Spain

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13. Animal products

Bottero MT, Civera T, Nucera D, Turi RM// Univ Turin, Dipt Patol Anim, Via L da Vinci 44, Turin, Italy

Vet Res Commun 2003 **27** (Suppl 1) 667

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Calo-Mata P, Sotelo CG*, Perez-Martin PI, Rehbein H, Hold GL, Russell VJ, Pryde S, Quinteiro J, Rey-Mendez M, Rosa C, Santos AT// *Inst Invest Marinas - CSIC, Eduardo Cabello 6, ES-36208 Vigo, Spain

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Identification of gadoid fish species using DNA-based techniques

Giardina C, Cattaneo TMP, Barzaghi S// Ist Sperimentale Lattiero Caseario, Via A Lombardo 11, IT-26900 Lodi, Italy

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Guidi A, Castigliero L, Anichini L, Gianfaldoni D// Univ Pisa, Fac Med Vet, Dept Anim Pathol Prophylaxis & Food Hyg, IT- 56100 Pisa, Italy

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Low-cost biosensors: An inspective application in milk control

Kristensen L, Therkildsen M, Ertbjerg P// Royal Vet & Agr Univ, Dept Dairy & Food Sci, Rolighedsvej 30, DK-1958 Frederiksberg C, Denmark

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A capillary electrophoresis method to study postmortem proteolysis in relation to pork tenderness

Lin GP, Rau YH, Chen YF, Chou CC, Fu WG// *Food Ind Res & Dev Inst, 331 Shipping Rd, Hsinchu, Taiwan

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Peli A, Scagliarini A, Britti D, Boari A// Univ Bologna, Fac Med Vet, Dipt Clin Vet, Sez Med Interns, IT-40064 Ozzano dell'Emilia 80, Italy

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Detection of proinflammatory and regulatory cytokines in bovine milk using RT-PCR

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14. Plant & microbial products

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Separation of structurally related anthocyanins by MEKC

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Des Gachons CP, Kennedy JA// *Oregon State Univ, Dept Food Sci & Technol, Corvallis, Or 97331, USA

J Agric Food Chem 2003 **51** (20) 5877

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Garcia-Beneytez E, Cabello F, Revilla E// *Univ Autonoma Madrid, Dept Quim Agricola Geol & Geoquim, ES-28049 Madrid, Spain

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Eur Food Res Technol 2003 **217** (3) 273

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J Agric Food Chem 2003 **51** (21) 6132

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Determination of isoflavones in red clover and related species by high-performance liquid chromatography combined with ultraviolet and mass-spectrometric detection