



Bibliography on analytical food chemistry

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As a service to subscribers of Food Chemistry, this bibliography contains newly published material in the field of analytical food chemistry. The bibliography is divided into fourteen sections: 1 Books, Reviews and Symposia; 2 General; 3 Amino Acids, Proteins & Enzymes; 4 Carbohydrates; 5 Lipids; 6 Vitamins & Co-factors; 7 Trace Elements & Minerals; 8 Drug, Biocide & Chemical 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 subject. Where there are no papers to appear under a heading, it will be omitted

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Benemariya H, Robberecht H*, Deelstra H**/Univ Instelling Antwerp, Dept Pharmaceut Sci, Univsplein 1, B-2610 Wilrijk, Belgium
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Dantas RP, Cozzolino SMF//Univ Sao Paulo, Fac Ciencias Farmaceut, Dept Alimentos & Nutr Exptl, Sao Paulo, Brazil

ARCH LATINOAMER NUTR 1990, 40 (2) 221

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Pimentel JL, Cook ME*, Greger JL**/Univ Wisconsin, Dept Poultry Sci, 1675 Observ Dr, Madison, WI 53706, USA

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Johannsen FH//Landwirtschaftl Untersuchungs & Forsch Anstalt Kiel, Gutenbergstr 75-77, W-2300 Kiel 1, FRG

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Murayama M, Uchiyama S, Saito Y//Natl Inst Hyg Sci, 1-18-1 Kamiyoga, Setagaya ku, Tokyo 158, Japan

J FOOD HYG SOC JPN 1991, 32 (3) 155

Rapid determination of residual synthetic antibacterials in fish and meat by high performance liquid chromatography with stepwise gradient elution (Japanese, English Abstract)

Wittmann C, Hock B**/Tech Univ Munich, Dept Bot, W-8050 Freising 12, FRG

J AGR FOOD CHEM 1991, 39 (6) 1194

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Shivhare P, Raju J, Gupta VK**/Ravishankar Univ, Dept Chem, Raipur 492002, Madhya Pradesh, India

MICROCHEM J 1991, 43 (3) 204

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Krivankova L, Foret F, Bocek P//Czechoslovakia Acad Sci, Inst Analyt Chem, Veveri 97, CS-61142 Brno, Czechoslovakia

J CHROMATOGR 1991, 545 (2) 307

Determination of halofuginone in feedstuffs by the combination of capillary isotachopheresis and capillary zone electrophoresis in a column-switching system

Salinas F, Mansilla AE, Nevado JJB//Univ Extremadura, Dept Analyt Chem, E-06071 Badajoz, Spain

FRESENIUS J ANAL CHEM 1991, 340 (4) 250

Flow-injection determination of HMF in honey by the Winkler method

Kasuga Y, Hishida M, Tanahashi N//Gifu Prefectural Inst Publ Hlth, 4-6-3 Noishiki, Gifu, Japan

J FOOD HYG SOC JPN 1991, 32 (3) 137

Simultaneous determination of malachite green and methylene blue in cultured fishes by high performance liquid chromatography (Japanese, English Abstract)

Rogers AM, Montville TJ//Rutgers State Univ, Cook Coll, New Jersey Agr Exptl Stn, Dept Food Sci, New Brunswick, NJ 08903, USA

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Anderson K, Bayer RC//Univ Maine, Dept Anim Vet & Aquat Sci, Orono, Me 04469, USA

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Bohm V, Schulte E, Thier HP**/Univ Munster, Inst Lebensmittelchem, Piusallee 7, W-4400 Munster, FRG

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Determination of coplanar polychlorinated biphenyl congener residues in food using HPLC fractionation

Muino MAF, Lozano JS//Univ Santiago Compostela, Fac Farm, Dept Quim Analit Nutr & Bromatol, Area Nutr & Bromatol, E-15706 Santiago, Spain

ANAL CHIM ACTA 1991, 247 (1) 121

Mass spectrometric determination of pentachlorophenol in honey

Salinas F, Mansilla AE, Nevado JJB//Univ Extremadura, Dept Analyt Chem, E-06071 Badajoz, Spain

MICROCHEM J 1991, 43 (3) 244

Simultaneous determination of sulfathiazole and oxytetracycline in honey by derivative spectrophotometry

Walter B, Ballschmiter K**/Univ Ulm, Dept Analyt Chem & Environm Chem, Albert Einstein Allee 11, W-7900 Ulm, FRG

FRESENIUS J ANAL CHEM 1991, 340 (4) 245

Quantitation of camphechlor toxaphene in cod-liver oil by integration of the HRGC ECD-pattern

Winter CK, Jones AD//Univ Calif Riverside, Dept Entomol, Riverside, Ca 92521, USA

J AGR FOOD CHEM 1991, 39 (6) 1113

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Konarev AV//All Union Plant Protect Res Inst, Leningrad, USSR

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Detection of lectins in analytical isoelectrofocusing of wheat proteins

Toukairin T, Uchino K*, Iwamoto M, Murakami S, Tatabayashi T, Ogawara H, Tonosaki Y**/Nippon Flour Mills Co Ltd, Cent Lab, 2114-2 Nurumizu, Atsugi, Kanagawa 243, Japan

CHEM PHARM BULL TOKYO 1991, 39 (6) 1480

New polyphenolic 5'-nucleotidase inhibitors isolated from the wine grape koshu and their biological effects

Weder JKP, Haussner K/Tech Univ Munich, Inst Lebensmittelchem, Lichtenbergstr 4, W-8046 Garching, FRG

Z LEBENSMITTEL-UNTERSUCH FORS 1991, 192 (6) 535

Inhibitors of human and bovine trypsin and chymotrypsin in fenugreek (*Trigonell foenum graecum* L) seeds - Isolation and characterization

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Karovicova J, Polonsky J*, Pribela A, Simko P//Slovak Tech Univ, Fac Chem Technol, Radlinskeho UL 9, CS-81237 Bratislava, Czechoslovakia

J CHROMATOGR 1991, 545 (2) 413

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Karovicova J, Polonsky J//Slovak Tech Univ, Fac Chem Technol Radlinskeho UL 9, CS-81237 Bratislava, Czechoslovakia

NAHRUNG 1991, 35 (4) 403

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11 FLAVOURS & AROMAS

Baldwin EA, Nisperos-Carriedo MO, Baker R, Scot JW//USDA ARS, US Citrus & Subtrop Prod Lab, S Atlantic Area, POB 1909, Winter Haven, FL 33883, USA

J AGR FOOD CHEM 1991, 39 (6) 1135

Quantitative analysis of flavor parameters in 6 Florida tomato cultivars (*Lycopersicon esculentum* Mill)

Grundschober F//Int Org Flavor Ind, 8 rue Charles Humbert, CH-1205 Geneva, Switzerland

Z LEBENSMITTEL-UNTERSUCH FORS 1991, 192 (6) 530

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Marengo E, Baiocchi C, Gennaro MC, Bertolo PL, Lanteri S, Garrone W//Univ Turin, Dipartimento Chim Analit, via P Giuria 5, I-10125 Turin, Italy

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Mosandl A, Fischer K, Hener U, Kreis P, Rettinger K, Schubert V, Schmar H//Univ Frankfurt, Inst Lebensmittelchem, W-6000 Frankfurt, FRG

J AGR FOOD CHEM 1991, 39 (6) 1131

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O'Keefe SF, Wilson LA, Resurreccion AP, Murphy PA**//Iowa State Univ Sci & Technol, Dept Food Sci & Human Nutr, Ames, Ia 50011, USA

J AGR FOOD CHEM 1991, 39 (6) 1022

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Freundorfer J, Maier J, Reiner L//Bayer Landesanstalt Bodenkultur & Pflanzbau, Inst Hoppenforsch Hull, W-8069 Munich, FRG

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Sen A, Grosch W**//Deutsch Forschungsanstalt Lebensmittelchem, Lichtenbergstr 4, W-8046 Garching, FRG

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Pavlik M, Babicka L, Tesarik K, Lachman J, Pivec L//Univ Agr Prague, CS-16521 Prague 6, Czechoslovakia

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Determination of lactic acid and volatile fatty acids in silage

Demaria CG, Munoz TM, Mateos AA//Univ Salamanca, Dept Analyt Chem Nutr & Food Sci, Plaza Merced S-N, E-37008 Salamanca, Spain

ANAL CHIM ACTA 1991, 247 (1) 61

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Bell DJ, Blake JO, Prazak M, Rowell D, Wilson PN//Castlemaine Perkins Ltd, Res Lab, Brisbane, Qld 4064, Australia

J INST BREW 1991, 97 (4) 297

Studies on yeast differentiation using organic acid metabolites. 1. Development of methodology using high performance liquid chromatography

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J INST BREW 1991, 97 (4) 317

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Bonvehí JS//Nutrexpa SA, Departamento Invest & Desarrollo, E-08025 Barcelona, Spain

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Study of royal jelly organic acids

Kenney BF//Millipore Corp, Div Waters Chromatog, 34 Maple St, Milford, Ma 01757, USA

J CHROMATOGR 1991, 546 (1-2) 423

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Winterbach HEK, Apps PJ//Vet Res Inst, Onderstepoort 0110, South Africa

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A gas-chromatographic headspace method for the determination of acetone in bovine milk, blood and urine

Gomez R, Fernandez-Salguero J, Sanjuan E//Univ Cordoba, Fac Vet, Cordoba, Spain

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Chemical characterization of Palmero cheese

Lalic LM, Berkovic K//Univ Zagreb, Fac Food & Biotechnol, Pierotieva 6, YU-41001 Zagreb, Yugoslavia

ACTA ALIMENT 1991, 20 (1) 19

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Howell BK, Matthews AD, Donnelly AP//Landbank Environm Consultancy Ltd, 101 Victoria Rd, London NW6 6TD, England
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Miles CA, Fursey GAJ, Fisher AV, Page SJ//AFRC, Inst Food Res, Bristol Lab, Bristol BS18 7DY, England
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Estimation of lamb carcass composition from measurements of the speed of ultrasound in the soft tissues of live animals and carcasses

Ebbenhøj KF, Thomsen PD//Tech Univ Denmark, Dept Biochem & Nutr, DK-2800 Lyngby, Denmark
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Lin TC, Chen LJ, Ko YC**//Kaohsiung Med Coll, Sch Publ Hlth, 100 Shih Chuan 1st Rd, Kaohsiung 80708, Taiwan
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Srinivas S, Reddy PM, Reddy KS//Coll Vet Sci, Dept Meat Sci & Technol, Tirupati 517502, India
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J AGR FOOD CHEM 1991, 39 (6) 1086
Characterization of young red wines by application of HJ biplot analysis of anthocyanin profiles

Duve KJ, White PJ**//Iowa State Univ Sci & Technol, Dept Food Sci & Human Nutr, 3367 Dairy Ind Bldg, Ames, Ia 50011, USA
J AMER OIL CHEM SOC 1991, 68 (6) 365
Extraction and identification of antioxidants in oats

Weiss W, Postel W, Gorg A**//Tech Univ Munich, Inst Allgemeine Lebensmitteltechnol, W-8050 Freising, FRG
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Barley cultivar discrimination. 1. Sodium dodecyl sulfate-polyacrylamide gel electrophoresis and glycoprotein blotting

Weiss W, Postel W, Gorg A**//Tech Univ Munich, Inst Allgemeine Lebensmitteltechnol, W-8050 Freising, FRG
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Elisabeth P, Yoshioka M, Yamauchi Y, Saito M**//Japan Spectroscop Co Ltd, Hachioji, Tokyo 192, Japan
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Infrared and nuclear magnetic resonance spectrometry of caffeine in roasted coffee beans after separation by preparative supercritical fluid

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Tse SYH//Georgetown Univ, Dept Neurol, 3800 Reservoir Rd NW, Washington, DC 20007, USA
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Coffee contains cholinomimetic compound distinct from caffeine. 1. Purification and chromatographic analysis

Canjura FL, Schwartz SJ**//N Carolina State Univ, Dept Food Sci, Box 7624, Raleigh, NC 27695, USA
J AGR FOOD CHEM 1991, 39 (6) 1102
Separation of chlorophyll compounds and their polar derivatives by high-performance liquid chromatography

Barthakur NN, Arnold NP//McGill Univ, MacDonald Coll, Dept Renewable Resources, 21111 Lakeshore Rd, St Anne Bellevue, Quebec, Canada H9X 1C0
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Luna G, Rey JL, Castro LM, Corona N, Ferreiros E, Luzardo M//Univ Cent Venezuela, Fac Ciencias, Inst Ciencia & Tecnol Alimentos, Apartado 47-97, Caracas 1041A, Venezuela
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Kuhr S, Engelhardt UH//Agcy Ind Sci & Technol, Fermentat Res Inst, 1-1-3 Higashi, Tsukuba, Ibaraki 305, Japan
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Sebedio JL, Kaitaranta J, Grandgirard A, Malkki Y//INRA, Rec Qualite Aliments Homme, Unite Nutr Lipid Stn, 17 rue Sully, F-21034 Dijon, France
J AMER OIL CHEM SOC 1991, 68 (5) 299
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Lange R, Linow F//Zent Inst Ernahrung, Arthur Scheunert Allee 114-116, O-1505 Bergholz, FRG
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About sulphur containing compounds in rape (*Brassica napus*) species and their processing products. 5. Determination of total glucosinolate content via glucosinolate-palladium-complex

Lange R, Petrzika M, Raab B, Linow F//Zent Inst Ernahrung, Arthur Scheunert Allee 114-116, O-1505 Bergholz, FRG
NAHRUNG 1991, 35 (4) 385
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Callao MP, Borrás JM, Lopez A, Rius FX//Univ Barcelona, Fac Ciencias Quim Tarragona, Dept Quim, E-43005 Tarragona, Spain
ACTA ALIMENT 1991, 20 (1) 47
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Kulandai J, Hawthorne DB, Kavanagh TE//Carlton & United Breweries Ltd, 16 Bouverie St, Carlton, Vic 3001, Australia
J INST BREW 1991, 97 (4) 272
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Best S, Muller R//Brewing Ind Res Fdn, Lyttel Hall, Redhill RH1 4HY, Surrey, England

J INST BREW 1991, 97 (4) 273

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Williams PC, Cordeiro HM, Hamden MFT//Address not available

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Dawkins NL, Lu JY//Tuskegee Univ, George Washington Carver Agr Expt Stn, Tuskegee, Al 36088, USA

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Batiz H//Univ Puerto Rico, Rum Pilot Plant, Rio Piedras, PR 00931, USA

J AGR UNIV P R 1991, 75 (1) 51

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Acquistucci R, Pasqui LA//Natl Inst Nutr, via Ardeatina 546, I-00178 Rome, Italy

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Wrigley CW, Gore PJ, Manusu HP//CSIRO, Wheat Res Univ, POB 7, N Ryde, NSW 2113, USA

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Brissonnet F, Maujean A//Fac Sci Reims, Oenol Lab, BP 347, F-51062 Reims, France

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