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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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 Quantitative analysis of limonin in grapefruit juice using an enzyme-linked immunoassay - Interlaboratory study

Widder S, Sen A, Grosch W*//Deutsch Forsch Anstalt Lebensmittel-chem, Lichtenbergstr 4, W-8046 Garching, FRG
 Z LEBENSMITTEL-UNTERSUCH FORS 1991, 193 (1) 32
 Changes in the flavour of butter oil during storage - Identification of potent odorants

Garcia C, Berdague JJ, Antequera T, Lopezbote C, Cordoba JJ, Ven-tanas J//Univ Extremadura, Fac Vet Sci, Biochem & Food Technol

Lab, E-10071 Cáceres, Spain
FOOD CHEM 1991, 41 (1) 23

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Luning PA, Roozen JP, Moest RAFJ, Posthumus MA//ATO Agro-
technol, POB 17, 6700 AA Wageningen, The Netherlands
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Volatile composition of white bread using enzyme active soya flour as improver

Thappa RK, Ghosh S, Agarwal SG, Raina AK, Jamwal PS//Reg Res
Lab, Div Essential Oil, Canal Rd, Jammu 180001, India
FOOD CHEM 1991, 41 (2) 129

Comparative studies on the major volatiles of kalazira (*Bunium persicum* seed) of wild and cultivated sources

12 ORGANIC ACIDS

Puchades R, Herrero MA, Maquieira A, Atienza J//Politech Univ
Valencia, Dept Chem, Apartado Correos 22012, E-46022 Valencia,
Spain

FOOD CHEM 1991, 42 (2) 167

Simultaneous enzymatic determination of L(-) malic acid and L(+) lactic acid in wine by flow injection analysis

13 ANIMAL PRODUCTS

Sinell HJ, Mentz I, Kleer J//Free Univ Berlin, Inst Lebensmittelhyg,
W-1000 Berlin 33, FRG

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Experiments on the semiquantitative estimation of beef and pork in minced meat mixtures using an ELISA-technique (German, English Abstract)

Ukhun ME, Izi U//Univ Benin, Dept Chem, Benin City, Nigeria
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Effects of storage on some chemical indices of beef quality

Katti PS, Katti AM*, Johnson HD//Boyce & Bynum, 2703 Clark
Lane, Columbia, Mo 65202, USA

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Determination of heat-exposure effects on the concentration of catecholamines in bovine plasma and milk

Shahidi F, Naczki M, Pegg RB, Synowiecki J//Mem Univ Newfound-
land, Food Sci Prog, Dept Biochem, St Johns, Newfoundland, Canada
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Chemical composition and nutritional value of processing discards of cod (*Gadus morhua*)

Iso N, Mizuno H, Ogawa H, Mochizuki Y, Masuda N//Tokyo Univ
Fisheries, Dept Food Sci & Technol, Tokyo 108, Japan

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Differential scanning calorimetry on fish meat paste

Roberts B, Morris BA, Clifford MN//Royal Postgrad Med Sch, Immu-
nol Med Unit, Dept Med, Hammersmith Hosp, Du Cane Rd, London
W12 0NN, England

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Amigo L, Ramos M, Martín-Alvarez PJ, Barbosa M//CSIC, Inst Fer-
mentaciones Ind, Juan Cierva 3, E-28006 Madrid, Spain

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Chen SC, Kuo CC, Ma MD, Chen SY, Yeh TP//Address not available
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Determination of nutritive value of pork in Taiwan (Chinese, English Abstract)

Ackermann T//Hagilboa St 18, Jerusalem 94314, Israel

FOOD CHEM 1991, 42 (2) 135

Fast chromatographic study of propolis crudes

14 PLANT & MICROBIAL PRODUCTS

Ayankunbi MA, Keshinro OO*, Egele P//Univ Ibadan, Dept Human
Nutr, Ibadan, Nigeria

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Effect of methods of preparation on the nutrient composition of some cassava products - Garri (eba), lafun and fufu

Revilla E, Bourzeix M, Alonso E//Univ Autonoma Madrid, Dept
Quim Agr Geol & Geoquim, E-28049 Madrid, Spain

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Analysis of catechins and proanthocyanidins in grape seeds by HPLC with photodiode array detection

Trugo LC, de Maria CAB, Werneck CC//Univ Fed Rio de Janeiro,
Dept Biochem, Inst Chem, Brazil

FOOD CHEM 1991, 42 (1) 81

Simultaneous determination of total chlorogenic acid and caffeine in coffee by high-performance gel filtration chromatography

Aremu CY//Univ Calabar, Coll Med, Sci, Dept Biochem, PNB 1115,
Calabar, Nigeria

FOOD CHEM 1991, 41 (2) 123

Selected physico-chemical properties of 5 varieties of cowpea

Ghazali HM, Cheng SC//Univ Agr Malaysia, Fac Food Sci & Biotech-
nol, UPM 43400, Serdang, Malaysia

FOOD CHEM 1991, 41 (1) 99

The effect of germination of the physico-chemical properties of black gram (*Vigna mungo* L)

Saito K, Kanehira T, Fukushima A//Hokkaido Tokai Univ, Sch Engn,
Dept Biosci & Technol, Sapporo 005, Japan

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Assessment of a method for the isolation of phenolic substances by cross-linked insoluble polymers - Further studies on the selective trapping of unstable quinoindchalcone pigments from aqueous-extracts of Dyer's saffron flowers

Nip WK, Wei PS//Univ Hawaii Manoa, Dept Food Sci & Human
Nutr, Honolulu, HI 96822, USA

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Preliminary study on the grouping of taro [*Colocasia esculenta* (L) Schott] by isoelectric focusing

Kotorman M, Simon ML, Szajani B//Attila Jozsef Univ, Dept
Biochem, H-6701 Szeged, Hungary

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Application of a flow injection system in wine analysis