

Bibliography of 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 & 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 author. Where there are no papers to appear under a heading, it will be omitted.

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Newsome WH// Hlth & Welf Canada, Hlth Protect Branch, Div Food Res, Ottawa, Ontario, Canada K1A 0L2

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Page BD, Conacher HBS, Salminen J, Nixon GR, Riedel G, Mori B, Gagnon J, Brousseau R// Hlth & Welf Canada, Hlth Protect Branch, Food Directorate, Bur Chem Safety, Div Food Res, Ottawa, Ontario, Canada K1A 0L2

J AOAC Int 1993 76 (1) 26

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Perez-Ruiz T, Martinez-Lozano C, Tomas V, Val O// Univ Murcia, Fac Chem, Dept Analyt Chem, Murcia, Spain

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Pouliquen H, Keita D, Pinault L// Ecole Natl Vet Nantes, Serv Pharm & Toxicol, CP 3013, F-44087 Nantes 03, France

J Chromatogr 1992 627 (1-2) 287

Determination of oxytetracycline in marine shellfish (*Crassostrea gigas*, *Ruditapes philippinarum* and *Scrobicularia plana*) by high-performance liquid chromatography using solid-phase extraction

Radisic D, Buncic S// Bek Meat Ind, Microbiol Lab, Zrenjanin, Yugoslavia

Acta Vet-Beograd 1992 42 (1) 53

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Ragheb HS// Purdue Univ, Dept Biochem, West Lafayette, In 47907, USA

J AOAC Int 1993 76 (1) 161

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Rose MD, Shearer G// MAFF, Food Sci Lab, Colney Lane, Norwich NR4 7UQ, England

J Chromatogr 1992 624 (1-2) 471

Determination of tranquilizers and carazolol residues in animal tissue using high-performance liquid chromatography with electrochemical detection

Schenck FJ, Wagner R, Bargo W// US FDA, 900 Madison Ave, Baltimore, Md 21201, USA

J Liq Chromatogr 1993 16 (2) 513

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Schwaiger I, Hortner H// Bundesanst Lebensm & Forsch Wien, Kinderspitalgasse 15, A-1090 Vienna, Austria

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A thin-layer bioautographic assay for multiresidue detection of polyether antibiotics monensin, salinomycin, marasin and lasalocid in poultry tissue (German, English Abstract)

Smallidge RL// Purdue Univ, Off Indiana State Chem, 1154 Biochem Bldg, West Lafayette, In 47907, USA

J AOAC Int 1993 76 (1) 161

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Stubbings GW, Shepherd MJ// MAFF, Food Safety Directorate, Food Sci Lab, Norwich Res Pk, Colney, Norwich NR4 7UQ, England

J Liq Chromatogr 1993 16 (1) 241

A multi-dimensional liquid chromatography method for determination of androgen hormone residues in cattle liver

Tarbin JA, Tyler DJ, Shearer G// MAFF, Food Sci Lab, Food Safety Directorate, Norwich Res Pk, Norwich NR4 7UQ, England

Food Addit Contam 1992 9 (4) 345

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Ventura F, Caixach J, Romero J, Espadaler I, Rivera J// Aigues Barcelona, P S Joan 39, E-08009 Barcelona, Spain

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Vickers AK, Datta M// OI Analyt, Prod Support Lab, Coll Stn, Tx, USA

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Vikse R, Knapstad A, Klungsoyr L, Grivas S// Stabekk Coll, Grad Res

Lab, Ringstabeckveien 105, N-1340 Bekkestua, Norway

Mutat Res 1993 **298** (3) 207

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Wigfield YY, Lanouette M// Agr Canada, Food Prod & Inspect Branch, Div Lab Serv, Ottawa, Ontario, Canada K1A 0C2

J Agr Food Chem 1993 **41** (1) 84

Supercritical fluid extraction of the fortified residues of fluzafop-P-butyl (fusilade II) and its major metabolite, fluzafop-P, in onions

Yess NJ// US FDA, Div Contaminants Chem, Washington, DC 20204, USA

J AOAC Int 1993 **76** (1) 36

United States Food and Drug Administration survey of methyl mercury in canned tuna

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Bukovjan K, Hallmannova A, Karpenko A, Prosek J// Forschungsinst Waldwirtschaft, Jiloviste Strnadv, CS-15604 Prague 5, Czechoslovakia

J Vet Med B-Zbl Vet B-Infect 1992 **39** (9) 695

Detection of aflatoxin B₁ in the tissues of game animals (*Lepus europaeus*, *Phasianus colchicus*, *Capreolus capreolus*, *Anas platyrhynchos*) (German, English Abstract)

Engelhardt H, Haas P// Univ Saarland, W-6600 Saarbrücken, FRG

J Chromatogr Sci 1993 **31** (1) 13

Possibilities and limitations of SFE in the extraction of aflatoxin B₁ from food matrices

Hirooka EY, Vincente E, Yoshimoto Y, Kamogae M, Bergdoll MS// Univ Estadual Londrina, Ctr Ciencias Agrarias, Dept Tecnol Alimentos, CX Postal 6001, BR-86051 Londrina, Parana, Brazil

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Hungerford JM// US FDA, 22201 23rd Dr SE, POB 3012, Bothell, WA 98041, USA

J AOAC Int 1993 **76** (1) 120

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Jonker HH, Koops AJ*, Hoogendoorn JC// *DLO, Ctr Plant Breeding & Reprod Res, POB 16, 6700 AA Wageningen, The Netherlands

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A rapid method for the quantification of steroidal glycoalkaloids by reversed phase HPLC - Short communication

Laamanen I, Veijalainen P**// *Natl Vet Inst, Dept Virol, SF-00101 Helsinki, Finland

Food Addit Contam 1992 **9** (4) 337

Factors affecting the results of T-2 mycotoxin ELISA assay

Levin RE// Univ Massachusetts, Massachusetts Agr Expt Stn, Dept Food Sci, Amherst, Ma 01003, USA

J Food Safety 1992 **13** (1) 1

Development of a tropical fish assay for saxitoxin

Luu HA, Chen DZX, Magoon J, Worms J, Smith J, Holmes CFB**// *Univ Alberta, Dept Biochem, MRC, Prot Struct & Funct Grp, Edmonton, Alberta, Canada T6G 2H7

Toxicon 1993 **31** (1) 75

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Page SW// US FDA, Nat Prod & Instrumentat Branch, Washington, DC 20204, USA

J AOAC Int 1993 **76** (1) 119

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Sanjeev S, Surendran PK// Cent Inst Fisheries Technol, Cochin 682029, India

J Food Sci Technol-Mysore 1992 **29** (5) 311

Evaluation of reversed passive latex agglutination test kits for the detec-

tion of staphylococcal enterotoxins A, B, C and D in fishery products

Scott PM// Hlth & Welf Canada, Hlth Protect Branch, Food Directorate, Bur Chem Safety, Ottawa, Ontario, Canada K1A 0L2

J AOAC Int 1993 **76** (1) 112

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Shrivastava AK, Ansari AA// Bhagalpur Univ, Univ Dept Bot, Bhagalpur 812007, India

Food Addit Contam 1992 **9** (4) 331

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Sisson PR, Kramer JM, Brett MM, Freeman R*, Gilbert RJ, Lightfoot NF// *Univ Newcastle upon Tyne, Med Sch, Dept Microbiol, Framlington Pl, Newcastle upon Tyne NE2 4HH, England

Int J Food Microbiol 1992 **17** (1) 57

Application of pyrolysis mass spectrometry to the investigation of outbreaks of food poisoning and non-gastrointestinal infection associated with *Bacillus* species and *Clostridium perfringens*

Tabata S, Kamimura H, Ibe A, Hashimoto H, Iida M, Tamura Y, Nishima T// Tokyo Metropolitan Res Lab Publ Hlth, 3-24-1 Hyakunin cho, Shinjuku ku, Tokyo 169, Japan

J AOAC Int 1993 **76** (1) 32

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10 ADDITIVES

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J Chromatogr 1992 **627** (1-2) 273

Determination of propionate in bread using capillary zone electrophoresis

Bird EW, Sturtvant F// Iowa State Univ Sci & Technol, Ames, Ia 50011, USA

J Chem Educ 1992 **69** (12) 996

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Daniels DH, Joe FL, Warner CR, Longfellow SD, Fazio T, Diachenko GW// US FDA, Div Food Chem & Technol, Washington, DC 20204, USA

Food Addit Contam 1992 **9** (4) 283

Survey of sulphites determined in a variety of foods by the optimized Monier-Williams method

Edberg U// Swedish Natl Food Adm, POB 622, S-75126 Uppsala, Sweden

J AOAC Int 1993 **76** (1) 53

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Fazio T// US FDA, Off Phys Sci, Washington, DC 20204, USA

J AOAC Int 1993 **76** (1) 108

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Glidewell C, Glidewell SM// Univ St Andrews, Dept Chem, St Andrews KY16 9ST, Fife, Scotland

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The fate of nitrite in food processing - Isolation of dinuclear and tetranuclear iron sulphur nitrosyl complexes from cysteine and methionine sources

Kandel M// SUNY Stony Brook, Stony Brook, NY 11794, USA

J Chem Educ 1992 **69** (12) 988

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Kawasaki Y, Goda Y, Maitani T, Yoshihira K, Takeda M// Natl Inst Hyg Sci, 1-18-1 Kamiyoga, Setagaya ku, Tokyo 158, Japan

J Food Hyg Soc Jpn 1992 **33** (6) 563

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Sanchez FG, Gallardo AA// Univ Malaga, Fac Sci, Dept Analyt Chem,

E-29071 Malaga, Spain

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Sujata V, Ravishankar GA, Venkataraman LV// *Cent Food Technol Res Inst, Autotroph Cell Culture Discipline, Mysore 570013, Karnataka, India

J Chromatogr 1992 **624** (1-2) 497

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Betts TJ// Curtin Univ Technol, Sch Pharm, GPO Box U 1987, Perth, WA 6001, Australia

J Chromatogr 1992 **626** (2) 294

Possible value for the gas chromatographic analysis of essential oils of some unusual phase commercial capillaries

Blanch GP, Tabera J, Herraiz M*, Reglero G// *CSIC, Inst Fermentac Ind, Juan Cierva 3, E-28006 Madrid, Spain

J Chromatogr 1993 **628** (2) 261

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Buchbauer G, Jirovetz L, Wasicky M, Nikiforov A// Univ Vienna, Inst Pharmaceut Chem, Wahringerstr 10, A-1090 Vienna, Austria

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Headspace and essential oil analysis of apple flowers

Golovnya RV, Grigoreva DN, Semina LA, Misharina TA// Russian Acad Sci, Inst Foodstuffs, Moscow, Russia

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Griffiths DW, Robertson GW, Millam S, Holmes AC// Scottish Crop Res Inst, Dundee DD2 5DA, Scotland

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Hansen-Moller J// Danish Meat Res Inst, Maglegardsvej 2, DK-4000 Roskilde, Denmark

J Chromatogr 1992 **624** (1-2) 479

Determination of indolic compounds in pig back fat by solid-phase extraction and gradient high-performance liquid chromatography with special emphasis on the boar taint compound skatole

Kore AM, Spencer GF, Wallig MA// Univ Illinois, Coll Vet Med, Dept Vet Biosci, Urbana, IL 61801, USA

J Agr Food Chem 1993 **41** (1) 89

Purification of the omega-(methylsulfinyl)alkyl glucosinolate hydrolysis products - 1-isothiocyanato-3-(methylsulfinyl)propane, 1-isothiocyanato-4-(methylsulfinyl)butane, 4-(methylsulfinyl) butanenitrile, and 5-(methylsulfinyl)pentanenitrile from broccoli and *Lesquerella fendleri*

Krueger DA// Krueger Food Labs & Inc, 24 Blackstone St, Cambridge, MA 02139, USA

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Sanagi MM, Ahmad UK, Smith RM// Univ Teknol Malaysia, Dept Chem, Johor Bahru 80990, Malaysia

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Application of supercritical fluid extraction and chromatography to the analysis of turmeric

Schwarzenbach R, Gubler D// Givaudan-Roure Res Ltd, Uberlandstr 138, CH-8600 Dubendorf, Switzerland

J Chromatogr 1992 **624** (1-2) 491

Detection of heterocyclic aromatic amines in food flavours

Segui MV, Gasque F, Sendra JM// Inst Agroquim & Tecnol Alimentos, Jaime Roig 11, E-46010 Valencia, Spain

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Determination of limonon in samples of industrial orange juice (Spanish, English Abstract)

Thomas DJ, Parkin KL*, Simon PW// *Univ Wisconsin, Dept Food Sci, Madison, WI 53706, USA

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Weinberg DS, Manier ML, Richardson MD, Haibach FG// Sthn Res Inst, Analyt & Phys Chem Res Dept, Birmingham, AL 35205, USA

J Agr Food Chem 1993 **41** (1) 37

Identification and quantification of organosulfur compliance markers in a garlic extract

Woodbury JE// 14382 Holt Ave, Santa Ana, CA 92703, USA

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12 ORGANIC ACIDS

Baldo MA, Daniele S*, Mazzochin GA// *Univ Venice, Dept Phys Chem, Calle Larga S Marta 2137, I-30123 Venice, Italy

Anal Chim Acta 1993 **272** (1) 151

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Ii N, Maeda T, Doki R, Fujiyama K, Asai Y// Snow Brand Milk Prod Co Ltd, Dept Qual Assur, Food Res Lab, 1-1-2 Minamidai, Kawagoe, Saitama 350, Japan

J Jpn Soc Food Sci Technol 1992 **39** (12) 1093

Determination of N-acetylneuraminic acid in food by carboxylic acid analyzer (Japanese, English Abstract)

Levi V, Wehr T, Talmadge K, Zhu M// Bio Rad Labs Inc, Life Sci Grp, Div Analyt Syst, 2000 Alfred Nobel Dr, Hercules, CA 94547, USA

Amer Lab 1993 **25** (1) 29

Analysis of organic acids in wines by capillary electrophoresis and HPLC

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Bradley RL// Univ Wisconsin, Dept Food Sci, Madison, WI 53706, USA

J AOAC Int 1993 **76** (1) 106

Dairy chemistry

Glaze LE// US FDA, Div Microbiol, Washington, DC 20204, USA

J AOAC Int 1993 **76** (1) 44

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Henle T, Klostermeyer H// Tech Univ Munich, Lehrstuhl Milchwissensch, Vottinger Str 45, W-8050 Freising, FRG

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Determination of protein-bound 2-amino-6-(2-formyl-1-pyrrolyl)-hexanoic acid (pyrraline) by ion exchange chromatography and photodiode array detection

Journink TJM// Netherlands Inst Dairy Res, POB 20, 6710 BA Ede, The Netherlands

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Changes in milk on mild heating - Turbidity measurements

Lahucky R, Mojto J, Poltarsky J, Miri A, Renou JP, Talmant A, Monin G*// *INRA, Stn Rech Viande, F-63122 Ceyrat, France
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Soderberg D// USDA, Food Safety & Inspect Serv, Washington, DC 20250, USA
J AOAC Int 1993 76 (1) 111
 Meat, poultry, and meat and poultry products

14 PLANT & MICROBIAL PRODUCTS

Boland FE// US FDA, Div Food Chem & Technol, Washington, DC 20204, USA
J AOAC Int 1993 76 (1) 136
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Capasso R, Evidente A, Scognamiglio F// Univ Napoli Federico II, Dipt Sci Chimoagr, Via Univ 100, I-80055 Portici, Italy
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 A simple thin layer chromatographic method to detect the main polyphenols occurring in olive oil vegetation waters

Dyer RH// Bur Alcohol Tobacco, 1401 Res Blvd, Rockville, Md 20850, USA
J AOAC Int 1993 76 (1) 131
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Ewaidah EH// King Saud Univ, Coll Agr, Dept Food Sci, POB 2460, Riyadh 11451, Saudi Arabia
Food Chem 1993 46 (3) 243
 Nutritive composition of Al-Nokel grape fragments and the potentiality of making evaporator-concentrate

Ferreira MA, Fernandes JO// Univ Oporto, Fac Farm, Bromatol Lab, P-4000 Oporto, Portugal
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Amer J Enol Viticult 1992 43 (4) 362
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Hayashi T, Todoriki S, Otobe K, Sugiyama J// Minist Agr Forestry & Fisheries, Natl Food Res Inst, Tsukuba, Ibaraki 305, Japan
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 Impedance measuring technique for identifying irradiated potatoes

Lane RH// Univ Alabama, Dept Nutr & Hospital Management, Tuscaloosa, Al 35487, USA
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Lyon WJ, Glatz BA*// *Iowa State Univ Sci & Technol, Dept Food Sci & Nutr, Ames, Ia 50011, USA
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 Isolation and purification of propionin PLG-1, a bacteriocin produced by a strain of *Propionibacterium thoenii*

Mulvaney TR// US FDA, Div Food Chem & Technol, Washington, DC 20204, USA
J AOAC Int 1993 76 (1) 138
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Nakashima MJ// US FDA, Div Microbiol, HFF-237, Washington, DC 20204, USA
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 Extraction of light filth from oriental sauces containing soy sauce, thickeners, and spices - Collaborative study

Nakashima MJ// US FDA, Div Microbiol, HFF-237, Washington, DC 20204, USA
J AOAC Int 1993 76 (1) 50
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Ohta H, Takeda Y, Yoza KI, Nogata Y// Minist Agr Forestry & Fisheries, Chugoku Natl Agr Expt Stn, Fukuyama, Hiroshima 721, Japan
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Pacchiano RA, Sohn W, Chlanda VL, Garbow JR, Stark RE*// *CUNY Coll Staten Isl, Dept Chem, 50 Bay St; Staten Isl, NY 10301, USA
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Pfeiffer P, Radler F// Univ Mainz, Inst Mikrobiol & Weinforsch, Postfach 3980, W-6500 Mainz, FRG
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Prosky L// US FDA, Div Nutr, Laurel, Md 20708, USA
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Sitzmann W, Engel W, Weber K// Krupp Maschinentech GmbH, Werk Hamburg, Geschäftsbereich Extraktionstech, Seevestr 1, W-2100 Hamburg 90, FRG
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Terada H, Nagai Y, Miyabe M// Nagoya City Publ Hlth Res Inst, 1-11 Hagiyama cho, Mizuho ku, Nagoya 467, Japan
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Tomlins KI, Baker DM, Daplyn P, Adomako D// Nat Resources Inst, Cent Ave, Chatham Maritime, Chatham ME4 4TB, Kent, England
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