

Index of Authors

Numerals followed by the letter A refer to pages in Abstracts of Communications read at Meetings for Original Communications of The Nutrition Society.

- ACHESON, E. D. Food policy, nutrition and government 131-138
 ADRON, J. W. *see* BELL, J. G. 42A
 ALLEN, K. G. D., ARTHUR, J. R., DAVIES, N. T., MORRICE, P. C., NICOL, F. & MILLS, C. F. Copper deficiency and plasma glutathione concentration in rats 115A
 ALLISON, SIMON P. How I feed patients enterally 163-169
 ANIL, M. H., JESSOP, N. & FORBES, J. M. Control of liver enzyme activity by the autonomic nerves in sheep 77A
 ANIMASHAUN, ADUKE *see* JOHNSON, A. W. 68A
 ARCHIBALD, R. F. *see* WATSON, N. A. C. 98A
 ARTHUR, J. R. *see* ALLEN, K. G. D. 115A
 ARTHUR, J. R., BOYNE, R., MORRICE, P. C. & NICOL, F. Selenium and neutrophil function in mice 63A
 ARTHUR, J. R., BREMNER, I., MORRICE, P. C. & MILLS, C. F. The inhibition of peroxidation in liver microsomes by glutathione but not by metallo-thionein 61A
 AUKETT, A., PARKS, Y. A., SCOTT, P. H. & WHARTON, B. A. Iron therapy increases the rate of weight gain and psychomotor development of anaemic toddlers: a double blind randomized controlled trial 123A
 BACKHOUSE, C. *see* SIAN, M. S. 48A
 BALKE, P.-O. *see* SNIDER, M. T. 64A
 BARR, JULIE *see* HADDOCK, G. 22A
 BASSETT, J. M. Nutrition of the conceptus: aspects of its regulation 1-10
 BATES, P. C. *see* COYER, PENNY 108A
 BATES, P. C. *see* OMER, ASMA B. 114A
 BATES, P. C. *see* YAHYA, Z. A. H. 107A
 BATSTONE, G. F., HELLIWELL, M., COOMBES, E. J., MOODY, B. J. & ROBERTSON, J. C. Nutritional status in rheumatoid arthritis 6A
 BAUST, GUL N. *see* WELCHMAN, D. DE B. 32A
 BEEVERS, D. G. Should recommendations be made to reduce dietary sodium intake? The case for recommendations 263-266
 BEHRENS, R., NORTHROP, C., LUNN, P., NEALE, G. & HANLON, P. Factors affecting the integrity of intestinal mucosa in Gambian children 67A
 BELCH, J. J. F. *see* SHAPIRO, D. 31A
 BELL, J. G., ADRON, J. W. & COWEY, C. B. The metabolism of *t*-butyl hydroperoxide and hydrogen peroxide by isolated perfused liver from control and selenium-deficient rainbow trout (*Salmo gairdneri*) 42A
 BELTON, N. R. *see* GRINDULIS, H. 122A
 BENDER, A. E. *see* SANDARADURA, SANOJA S. 118A
 BENDER, DAVID A. *see* BIOR, ABDELAZIZ DENG 59A
 BERRINGTON, JANET *see* JOHNSON, A. W. 68A
 BIOR, ABDELAZIZ DENG & BENDER, DAVID A. Aspartate aminotransferase (EC 2.6.1.1) activation by pyridoxal phosphate as an index of vitamin B₆ nutritional status: validity in the presence of oestrogen conjugates 59A
 BLACK, ALISON E. The use of recommended daily allowances to assess dietary adequacy 369-381
 BLACKBURN, N. A. *see* EDWARDS, C. A. 104A
 BLAXTER, K. An historical perspective: the development of methods for assessing nutrient requirements 177-183
 BORZOTTA, A. P. *see* CLAGUE, M. B. 17A
 BOXER, LAURENCE A. Regulation of phagocyte function by α -tocopherol 333-334
 BOYNE, R. *see* ARTHUR, J. R. 63A
 BRACKENRIDGE, I. E. *see* BROOM, J. 20A
 BRAY, A. J. & KEMM, J. R. Use of a computer-administered 'healthy eating' quiz for data collection and health promotion 86A
 BREMNER, I. *see* ARTHUR, J. R. 61A
 BRETT, AILEEN, GODDEN, D. J. & KEENAN, R. A. When and how should nutrition be taught to medical students? 13A
 BREVES, G., GAEBEL, G., MARTENS, H. & HOELLER, H. Phosphate fluxes across the rumen wall mucosa of sheep in vitro 99A
 BROADHURST, A. J. & STOCKLEY, L. Calculation of fatty acid intake 45A
 BROCK, J. H. & MAINOU-FOWLER, TRYFONIA Iron and immunity 305-315
 BROOM, J. *see* HEPBURN, D. 33A
 BROOM, J., BRACKENRIDGE, I. E., SIMPSON, E., MILLER, J. D. B. & MORISON, I. The effects of postoperative metabolic support on lipolytic rates in patients undergoing elective abdominal surgery 20A
 BROWN, D. *see* NOBLE, R. C. 56A
 BROWN, D. *see* NOBLE, R. C. 103A
 BROWNING, G. G. *see* WEIR, A. 74A
 BRYANT, M. J. *see* SYMONDS, M. E. 93A
 BULL, A. P. *see* SNIDER, M. T. 64A
 BULMAN, J. C., NAISMITH, D. J. & HILLMAN, G. A nutritional evaluation of the tuber of the plant *Cyperus rotundus* 120A
 BUNKER, VALDA *see* LAWSON, MARGARET 54A
 BURGESS, M. N. *see* MCEWAN, G. T. A. 80A
 BURNS, H. J. G. *see* HANSELL, D. T. 14A
 BURNS, H. J. G. *see* HANSELL, D. T. 15A
 BURNS, H. J. G. *see* HANSELL, D. T. 28A
 BUSS, D. H. Variations in recommended nutrient intakes 345-350
 CAIN, C. J. *see* CRANWELL, P. D. 81A
 CAMPBELL, D. M. *see* RADCLIFFE, M. A. 73A
 CAMPBELL, I. T., MORTON, R. P., JUDD, S., MACDONALD, I. A., SHAPIRO, L. & STELL, P. M. The effects of continuous or nocturnal feeding on postoperative metabolism and catecholamine excretion 2A

- CAMPBELL-BROWN, M., JOHNSTONE, F. D. & KERR GRIEVE, J. F. The effect on birth weight of a high-protein, low-carbohydrate diet during pregnancy 90A
- CARR, K. *see* WEIR, A. 74A
- CARTER, D. C. *see* HANSELL, D. T. 28A
- CARTER, ELAINE Comparison of weight-for-height and arm circumference in the assessment of acute malnutrition 129A
- CARVER, N., VAN PERSIJN VAN MEERTEN, ELS, JOHNSON, A. W. & SIM, A. J. W. Normal anthropometric values for a large group of London subjects: comparison with surgical patients 58A
- CHAMBERLAIN, D. G. *see* GIRDLER, C. P. 43A
- CHAN, S. T. F. *see* JOHNSON, A. W. 84A
- CHANDLER, K. D. *see* CRANWELL, P. D. 81A
- CHOO, J. J. & EMERY, P. W. The effect of an anabolic steroid (Durabolin) on body composition of rats fed on protein- and energy-restricted diets 109A
- CLAGUE, M. B., BORZOTTA, A. P. & JOHNSTON, IVAN D. A. Leucine and protein kinetics following surgery in man given varying branched-chain amino acid concentrations in a parenteral nutrition regimen 17A
- CLAPPERTON, J. L., HOLT, C. & SWEETSUR, A. W. M. The effect of supplementary phosphate in the diet of lactating cows on the salt composition and heat stability of milk 46A
- CLARK, C. G. *see* NEWHAM, D. J. 124A
- CLARK, I. A. *see* STOCKER, R. 70A
- CLARK, R. G. *see* QUAYLE, A. R. 24A
- CLAYTON, BARBARA *see* LAWSON, MARGARET 54A
- CLOSE, W. H. *see* LEE, PAULINE A. 89A
- CONNOR, K. *see* DODDS, P. F. 57A
- CONNOR, K. *see* NOBLE, R. C. 103A
- COOKE, T. *see* SIAN, M. S. 48A
- COOMBES, E. J. *see* BATSTONE, G. F. 6A
- COUBROUGH, HAZEL & MCKINNON, BERYL Some ways of improving the nutrition of patients who are receiving radiotherapy of the head or neck 21A
- COWEY, C. B. *see* BELL, J. G. 42A
- COX, M. *see* COYER, PENNY 53A
- COYER, PENNY, COX, M., RIVERS, J. P. W. & MILLWARD, D. J. Relation between increased heat production and 3,5,3'-triiodothyronine concentration in rats treated with catabolic doses of corticosterone 53A
- COYER, PENNY, DONACHIE, P. A., BATES, P. C., RIVERS, J. P. W. & MILLWARD, D. J. The effects of inhibiting corticosterone production with Trilostane on protein and energy metabolism in young rats given restricted amounts of dietary protein and energy 108A
- CRAIGEN, L. *see* EDWARDS, C. A. 104A
- CRANWELL, P. D., CHANDLER, K. D., CAIN, C. J., MCGILLIVERY, D. J. & HENNESSY, D. P. Changes to the pars oesophagea in pigs before and after weaning on to a dry diet 81A
- CROSS, K. E. *see* DODDS, P. F. 57A
- CROWE, S. *see* STEWART, J. T. 19A
- CRUMP, ALISON D. & RODWAY, R. G. Hypoglycaemia and luteinizing hormone release in the ewe 100A
- CRUMP, B. J. *see* SITUNAYAKE, R. D. 66A
- CRUMP, B. J. *see* THURNHAM, D. I. 62A
- DALAL, SHREDEVI S. *see* YAHYA, Z. A. H. 107A
- DAVIES, J. A. *see* SITUNAYAKE, R. D. 66A
- DAVIES, J. A. *see* THURNHAM, D. I. 62A
- DAVIES, J. W. L. *see* HANSELL, D. T. 14A
- DAVIES, J. W. L. *see* HANSELL, D. T. 15A
- DAVIES, J. W. L. *see* HANSELL, D. T. 28A
- DAVIES, N. T. *see* ALLEN, K. G. D. 115A
- DAVIS, M. *see* SITUNAYAKE, R. D. 66A
- DAVIS, M. *see* THURNHAM, D. I. 62A
- DAVISON, P. A. *see* EDWARDS, C. A. 104A
- DE BENOIST, B. *see* JACKSON, A. A. 92A
- DE CAESTECKER, J. S., SHENKIN, A., FELL, G. S. & HEADING, R. C. Hazards and benefits in a patient on long-term parenteral nutrition 23A
- DE LA HUNT, M. *see* GRIFFIN, C. 3A
- DENCH, M. *see* MOGHISSI, K. 12A
- DICKERSON, J. W. T. *see* QURESHI, B. 60A
- DICKERSON, J. W. T., EVANS, MAIR & HOLMES SUSAN Effects of radiotherapy on food acceptability in cancer patients 8A
- DICKERSON, J. W. T., FEKKES, J., GOODINSON, S. M. & OLDER, M. W. J. Postoperative food intake of elderly fracture patients 7A
- D'MELLO, J. P. F. *see* HARRISON, LYDIA 72A
- DODDS, P. F. *see* NOBLE, R. C. 56A
- DODDS, P. F., CROSS, K. E., NOBLE, R. C. & CONNOR, K. Effects of diet on triacylglycerol levels in the liver, bile and serum and on the activities of enzymes concerned with lipid synthesis in the liver of the laying hen 57A
- DODSON, P. M., WEBBERLEY, M. J. & WALDRON, S. P. Dietary sodium restriction in the treatment of mild hypertension 267-272
- DONACHIE, P. A. *see* COYER, PENNY 108A
- DONALDSON, D. *see* QURESHI, B. 60A
- DOUGLAS, J. *see* KEMM, J. R. 87A
- DOWNIE, G., McRAE, N. & WILL, I. G. Release of extractives from intravenous nutrition bags 29A
- DRASER, B. S. *see* ROY, S. 39A
- DRUCE, E. Salt technology and dietary intake 253-257
- DRUMMOND, SANDRA & DURNIN, J. V. G. A. A simple exercise test for field use in studies of nutritional assessment 128A
- DUDLEY, H. A. F. *see* JOHNSON, A. W. 84A
- DUDLEY, H. A. F. *see* JOHNSON, A. W. 125A
- DUERDEN, B. I. *see* TOMLIN, J. 105A
- DUGGAN, M. B. & MILNER, R. D. G. Measles, energy balance and childhood growth 35A
- DURNIN, J. V. G. A. *see* DRUMMOND, SANDRA 128A
- EDE, D. A. Genetic control of skeletal development in the chick embryo 11-16
- EDWARDS, C. A. *see* TOMLIN, J. 105A
- EDWARDS, C. A., DAVISON, P. A., TOMLIN, J., BLACKBURN, N. A., CRAIGEN, L., SUGDEN, K., JARJIS, H., HESSELL, P. G., PARK, C., LLOYD-JONES, J. G., FLOCKHART, I. R., JOHNSON, I. T. & READ, N. W. The viscosity of viscous polysaccharides may change after ingestion 104A
- EMERY, P. W. *see* CHOO, J. J. 109A
- EMERY, P. W. *see* WOODWARD, C. J. H. 52A
- EVANS, MAIR *see* DICKERSON, J. W. T. 8A

- FAIRWEATHER-TAIT, SUSAN J. & SYMS, LISA L. The effect of extrusion cooking of maize on iron and zinc availability 41A
- FAIRWEATHER-TAIT, SUSAN J., WRIGHT, A. J. A., PIPER, ZOE & LEUBA, J. L. The influence of human and bovine lactoferrin on iron absorption from ferrous sulphate in rats 40A
- FEKKES, J. *see* DICKERSON, J. W. T. 7A
- FELL, G. S. *see* DE CAESTECKER, J. S. 23A
- FELL, G. S., LYON, T. B., PHILLIPS, M. & FRASER, W. Assessment of an in vitro serum protein Zn-binding test in human nutrition 9A
- FLOCKHART, I. R. *see* EDWARDS, C. A. 104A
- FORBES, J. M. *see* ANIL, M. H. 77A
- FRANCALANCIA, N. A. *see* SNIDER, M. T. 64A
- FRASER, W. *see* FELL, G. S. 9A
- GAEBEL, G. *see* BREVES, G. 99A
- GARDEN, O. J. *see* WEIR, A. 74A
- GARDEN, O. J. *see* HADDOCK, G. 22A
- GARDEN, O. J. *see* HANSELL, D. T. 28A
- GARDEN, O. J. *see* ROBERTSON, J. F. R. 10A
- GARROW, J. S. *see* LAWSON, SUSAN 121A
- GARROW, J. S. & WEBSTER, JOAN D. Long-term results of treatment of severe obesity with jaw wiring and waist cord 119A
- GILL, M. *see* PRATES, E. R. 95A
- GILL, M. *see* SISSONS, J. W. 96A
- GILL, M. *see* THIAGO, L. R. S. 97A
- GILL, M. Dynamic models: their use in understanding and predicting nutrient response 221-229
- GIRDLER, C. P., THOMAS, P. C. & CHAMBERLAIN, D. G. Exogenous supply of glucose precursors and nitrogen utilization in sheep 43A
- GLEESON, M., MAUGHAN, R. J. & GREENHAFF, P. L. Effects of pre-exercise feeding of glycerol or glucose on metabolism and endurance performance in man 127A
- GOODE, A. *see* JOHNSON, A. W. 125A
- GOODEN, D. J. *see* BRETT, AILEEN 13A
- GOODINSON, S. M. *see* DICKERSON, J. W. T. 7A
- GORE, M. *see* WAN, J. 27A
- GREENHAFF, P. L. *see* GLEESON, M. 127A
- GREENHAFF, P. L., MCCORMICK, K. & MAUGHAN, R. J. The metabolic response to prolonged walking exercise in fed and fasted man 126A
- GREENHALGH, J. F. D. Recent studies on the body composition of ruminants 119-130
- GREER, ANNE, MCBRIDE, D. M. & SHENKIN, A. Improvement in nutritional status of psychogeriatric patients on hospitalization 11A
- GRIFFIN, C., ROYCE, CATHERINE, DE LA HUNT, M. & KARRAN, S. J. Lung cancer: a starving disease 3A
- GRIFFITHS, T. W. *see* JOSEPH, R. L. 63-69
- GRIMBLE, R. F. *see* MOHAMMED, A. 117A
- GRIMBLE, R. F. *see* WAN, JENNIFER 38A
- GRIMBLE, R. F. *see* WAN, JENNIFER 51A
- GRIMBLE, R. F. *see* WAN, JENNIFER 83A
- GRIMBLE, R. F. *see* WAN, JENNIFER 113A
- GRIMBLE, R. F. *see* WAN, J. 27A
- GRINDULIS, H., SCOTT, P. H., BELTON, N. R. & WHARTON, B. A. An association of anaemia with poor vitamin D status in otherwise adequately nourished Asian toddlers: a case for combined prophylaxis 122A
- HADDOCK, G., BARR, JULIE, ROSS, AILEEN & GARDEN, O. J. Experience of a nutrition group in the reduction of complications of central venous catheters 22A
- HALLIDAY, D. *see* WARD, H. C. 16A
- HANLON, P. *see* BEHRENS, R. 67A
- HANNAH, M. J. *see* SYMONDS, M. E. 79A
- HANSELL, D. T., DAVIES, J. W. L. & BURNS, H. J. G. Some long-term metabolic effects of primary tumour removal in patients with or without metastases 14A
- HANSELL, D. T., DAVIES, J. W. L., BURNS, H. J. G., GARDEN, O. J., SHENKIN, A. & CARTER, D. C. A clinical evaluation of a new, effective peripherally-administered parenteral nutrition regimen 28A
- HANSELL, D. T., DAVIES, J. W. L., SHENKIN, A. & BURNS, H. J. G. Substrate oxidation in weight-stable and weight-losing cancer patients 15A
- HARRISON, LYDIA & D'MELLO, J. P. F. Large neutral amino acids in the diet and neurotransmitter concentrations in the chick brain 72A
- HAY, S. C. *see* RADCLIFFE, M. A. 73A
- HEADING, R. C. *see* DE CAESTECKER, J. S. 23A
- HEATLEY, J. V. *see* JOHNSON, A. W. 68A
- HEATLEY, R. V. *see* RATHBONE, B. J. 69A
- HELLIWELL, M. *see* BATSTONE, G. F. 6A
- HENDERSON, I. S. *see* MCKENZIE, SHEILA 25A
- HENNESSY, D. P. *see* CRANWELL, P. D. 81A
- HENNING, SUSAN J. Development of the gastrointestinal tract 39-44
- HEPBURN, D., BROOM, J. & SMITH, D. J. A study of the time course of fructose-2,6-bisphosphate production in a septic mouse model 33A
- HEPPELL, L. M. J. *see* LOW, A. G. 55A
- HESSELL, P. G. *see* EDWARDS, C. A. 104A
- HILL, R. *see* SMITH, I. M. 34A
- HILLMAN, G. *see* BULMAN, J. C. 120A
- HOELLER, H. *see* BREVES, G. 99A
- HOLDER, A. T. *see* YAHYA, Z. A. H. 107A
- HOLMES, SUSAN *see* DICKERSON, J. W. T. 8A
- HOLT, C. *see* CLAPPERTON, J. L. 46A
- HUNT, N. H. *see* STOCKER, R. 70A
- JACKSON, A. A., PERSAUD, C., MCDERMOTT, J. & DE BENOIST, B. Glycine insufficiency in pregnancy assessed by urinary pyroglutamic acid excretion 92A
- JARJIS, H. *see* EDWARDS, C. A. 104A
- JEPSON, M. M., PELL, J. M. & MILLWARD, D. J. Effect of inhibition of corticosterone production by Trilostane on the catabolic response of the rat to the *Escherichia coli* endotoxin 50A
- JEPSON, M., PELL, J. M. & MILLWARD, D. J. The effect of fasting on the acute response of protein synthesis in muscle and liver to the *Escherichia coli* lipopolysaccharide 36A
- JESSOP, N. *see* ANIL, M. H. 77A
- JEWITT, T. R. *see* MACLEOD, M. G. 75A

- JOHNSON, A. W. *see* CARVER, N. 58A
 JOHNSON, A. W. *see* RATHBONE, B. J. 69A
 JOHNSON, A. W. *see* SINGH, S. 85A
 JOHNSON, A. W., ANIMASHAUN, ADUKE, BERRINGTON, JANET, HEATLEY, R. V. & LOSOWSKY, M. S. Amino acid requirements in acute disease 68A
 JOHNSON, A. W., CHAN, S. T. F., KAPADIA, C. R. & DUDLEY, H. A. F. The interrelation between glycogen, water and potassium 84A
 JOHNSON, A. W., RADCLIFFE, A. G., GOODE, A. & DUDLEY, H. A. F. The use of transferrin and ferritin as 'nutritional' indices 125A
 JOHNSON, I. T. *see* EDWARDS, C. A. 104A
 JOHNSON, I. T. *see* SWINDELL, T. E. 37A
 JOHNSTON, IVAN D. A. *see* CLAGUE, M. B. 17A
 JOHNSTONE, F. D. *see* CAMPBELL-BROWN, M. 90A
 JONES, CHRISTINE *see* RATHBONE, B. J. 69A
 JONES, D. G. *see* SUTTLE, N. F. 317-325
 JONES, R. L. Nutritional influences on carcass composition in the broiler chicken 27-32
 JOSEPH, R. L. & GRIFFITHS, T. W. Animal meat products, processing and the consumer 63-69
 JUDD, S. *see* CAMPBELL, I. T. 2A
- KAPADIA, C. R. *see* JOHNSON, A. W. 84A
 KARRAN, S. J. *see* GRIFFIN, C. 3A
 KARRAN, S. J. *see* ROYCE, CATHERINE 4A
 KEENAN, R. A. *see* BRETT, AILEEN 13A
 KELLEHER, J. *see* RATHBONE, B. J. 69A
 KEMM, J. R. *see* BRAY, A. J. 86A
 KEMM, J. R., DOUGLAS, J. & SYLVESTER, V. A survey of infant feeding practice by Afro-Caribbean mothers in Birmingham 87A
 KEMPSTER, A. J. Correlations between indirect and direct measurements of body composition 55-52
 KERR GRIEVE, J. F. *see* CAMPBELL-BROWN, M. 90A
 KILGOUR, E. & VERNON, R. G. Activation of pyruvate dehydrogenase in rat white adipose tissue by both insulin and noradrenaline is muted during lactation 76A
 KIRKMAN, RACHEL J. *see* SYMONDS, M. E. 79A
- LAWSON, MARGARET, BUNKER, VALDA & CLAYTON, BARBARA Gut transit time measured by three markers 54A
 LAWSON, SUSAN, WEBSTER, JOAN D., PACY, P. J. & GARROW, J. S. Effect of a 10 week jogging programme on metabolic rate in lean sedentary females 121A
 LEAN, A. P. *see* ROSE, S. P. 102A
 LEE, PAULINE A. & CLOSE, W. H. The effects of energy intake in pregnancy and lactation on the reproductive performance of the sow and growth of the litter 89A
 LEIPER, J. B. Absorption of water and electrolytes from hypotonic, isotonic and hypertonic solutions 78A
 LEUBA, J. L. *see* FAIRWEATHER-TAIT, SUSAN J. 40A
 LEVER, A. F. Should recommendations be made to reduce dietary sodium intake? The case against recommendations 259-262
 LINDSAY, D. B. & ODDY, V. H. Development of the neonatal lamb and piglet 33-38
 LLOYD-JONES, J. G. *see* EDWARDS, C. A. 104A
- LOBLEY, G. E. The physiological bases of nutrient responses; growth and fattening 203-214
 LOMAX, M. A. *see* SYMONDS, M. E. 79A
 LOMAX, M. A. *see* SYMONDS, M. E. 93A
 LOSOWSKY, M. S. *see* JOHNSON, A. W. 68A
 LOSOWSKY, M. S. *see* SINGH, S. 85A
 LOW, A. G., ZEBROWSKA, TERESA, HEPELLE, L. M. J. & SMITH, H. A. Influence of wheat bran, cellulose, pectin and low or high viscosity guar gum on glucose and water absorption from pig jejunum 55A
 LUCAS, M. L. *see* MCEWAN, G. T. A. 80A
 LUNN, P. *see* BEHRENS, R. 67A
 LYON, T. B. *see* FELL, G. S. 9A
- MCBRIDE, D. M. *see* GREER, ANNE 11A
 MCCARTNEY, R. *see* NOBLE, R. C. 56A
 MCCONKEY, B. *see* SITUNAYAKE, R. D. 66A
 MCCORMICK, K. *see* GREENHAFF, P. L. 126A
 MCCrackEN, K. J. Nutritional obesity and body composition 91-100
 MCDERMOTT, J. *see* JACKSON, A. A. 92A
 MACDONALD, I. A. *see* CAMPBELL, I. T. 2A
 McDONALD, I. *see* ROBINSON, J. J. 91A
 MCEWAN, G. T. A., BURGESS, M. N. & LUCAS, M. L. Effect of *Escherichia coli* enterotoxin (STa) on mucosal surface pH in vivo in rat proximal jejunum 80A
 MCGILLIVERY, D. J. *see* CRANWELL, P. D. 81A
 MCKENZIE, SHEILA I. & HENDERSON, I. S. The effect of increased dietary fibre intake in patients with chronic renal failure 25A
 MCKINNON, BERYL *see* COUBROUGH, HAZEL 21A
 MACLEOD, M. G. & JEWITT, T. R. Heat production and physical activity in laying hens on an intermittent-lighting regime 75A
 McMAHON, M. J. Why I feed patients with trauma and sepsis 139-151
 MCRAE, N. *see* DOWNIE, G. 29A
 MAIN, J. *see* STEWART, J. T. 19A
 MAIN, J., STEWART, J. T. & PENNINGTON, C. R. Parenteral nutrition: a review of complications 18A
 MAINOU-FOWLER, TRYFONIA *see* BROCK, J. H. 305-315
 MANGNALL, D. *see* QUAYLE, A. R. 24A
 MANNS, J. G. *see* RUTTER, L. M. 88A
 MARTENS, H. *see* BREVES, G. 99A
 MATHIESON, N. *see* ROSE, S. J. 26A
 MAUGHAN, R. J. *see* GLEESON, M. 127A
 MAUGHAN, R. J. *see* GREENHAFF, P. L. 126A
 MERCER, S. W. & WILLIAMSON, D. H. The influence of carbohydrate availability on the regulation of lipogenesis in the lactating mammary gland of the rat 116A
 MILLER, J. D. B. *see* BROOM, J. 20A
 MILLIGAN, L. P. & SUMMERS, M. The biological basis of maintenance and its relevance to assessing responses to nutrients 185-193
 MILLS, C. F. *see* ALLEN, K. G. D. 115A
 MILLS, C. F. *see* ARTHUR, J. R. 61A
 MILLWARD, D. J. *see* COYER, PENNY 53A
 MILLWARD, D. J. *see* COYER, PENNY 108A
 MILLWARD, D. J. *see* OMER, ASMA, B. 114A

- MILLWARD, D. J. *see* YAHYA, Z. A. H. 107A
 MILLWARD, D. J. *see* JEPSON, M. M. 50A
 MILLWARD, D. J. *see* JEPSON, M. 36A
 MILNER, R. D. G. *see* DUGGAN, M. B. 35A
 MOE, P. W. & TYRRELL, H. F. The physiological bases of nutrient responses during lactation 215-220
 MOGHISSI, K., DENCH, M. & PEARSON, J. Value of preoperative parenteral feeding in patients with cancer of the oesophagus undergoing major surgery 12A
 MOHAMMED, A., GRIMBLE, R. F., TAYLOR, T. G. & RATCLIFFE, B. A study of the possible role of the intestinal microflora in phytate hydrolysis in chicks 117A
 MOODY, B. J. *see* BATSTONE, G. F. 6A
 MORAN, E. T. Variations in body composition of poultry 101-109
 MORELL, D. *see* YAHYA, Z. A. H. 107A
 MORGAN, JANE B. *see* QURESHI, B. 60A
 MORISON, I. *see* BROOM, J. 20A
 MORRICE, P. C. *see* ALLEN, K. G. D. 115A
 MORRICE, P. C. *see* ARTHUR, J. R. 61A
 MORRICE, P. C. *see* ARTHUR, J. R. 63A
 MORTON, R. P. *see* CAMPBELL, I. T. 2A
 MULLEY, G. P. *see* SINGH, S. 85A
- NAISMITH, D. J. *see* BULMAN, J. C. 120A
 NEALE, G. *see* BEHRENS, R. 67A
 NEWHAM, D. J., TOMKINS, A. M. & CLARK, C. G. The effect of hypoenergetic feeding for 2 weeks on the contractile properties of the adductor pollicis of obese patients 124A
 NICOL, F. *see* ALLEN, K. G. D. 115A
 NICOL, F. *see* ARTHUR, J. R. 63A
 NOBLE, R. C. *see* DODDS, P. F. 57A
 NOBLE, R. C. Lipid metabolism in the chick embryo 17-25
 NOBLE, R. C., MCCARTNEY, R., BROWN, D. & DODDS, P. F. Comparative changes in the lipid compositions of liver and bile of the female broiler bird 56A
 NOBLE, R. C., SHAND, J. H., CONNOR, K. & BROWN, D. Effects of parental age on fatty acid oxidation in vitro by the liver and heart of the chick embryo 103A
 NORTHROP, C. *see* BEHRENS, R. 67A
- ODDY, V. H. *see* LINDSAY, D. B. 33-38
 OERTER, K. E. *see* SNIDER, M. T. 64A
 OLDER, M. W. J. *see* DICKERSON, J. W. T. 7A
 OMER, ASMA B., BATES, P. C. & MILLWARD, D. J. Response of the vitamin-E-deficient rat to severe protein deficiency and the *Escherichia coli* endotoxin 114A
- PACY, P. J. *see* LAWSON, SUSAN 121A
 PARK, C. *see* EDWARDS, C. A. 104A
 PARKS, Y. A. *see* AUKETT, A. 123A
 PASKO, K. A. *see* SNIDER, M. T. 64A
 PEARSON, J. *see* MOGHISSI, K. 12A
 PEARSON, R. ANNE *see* WATSON, N. A. C. 98A
 PELL, J. M. *see* JEPSON, M. M. 50A
 PELL, J. M. *see* JEPSON, M. 36A
- PENNIE, I. *see* ROBINSON, J. J. 91A
 PENNINGTON, C. R. *see* MAIN, J. 18A
 PENNINGTON, C. R. *see* STEWART, J. T. 19A
 PERSAUD, C. *see* JACKSON, A. A. 92A
 PETTIGREW, R. A. Preoperative nutrition: a simple classification for the selection of patients and its relation to clinical assessment 5A
 PHILIPPS, N. J. & POND, C. M. Adipose tissue cellularity and site-specific differences in adipocyte volume in genetically obese (*ob/ob*) mice 101A
 PHILLIPS, M. *see* FELL, G. S. 9A
 PIPER, ZOE *see* FAIRWEATHER-TAIT, SUSAN J. 40A
 POND, C. M. *see* PHILIPPS, N. J. 101A
 POWERS, HILARY J. Maternofetal iron transfer in the riboflavin-deficient rat 94A
 PRATES, E. R., THIAGO, L. R. S., GILL, M. & THEODOROU, M. K. The effect of conservation method and frequency on rumen microbial activity 95A
- QUAYLE, A. R., MANGNALL, D. & CLARK, R. G. Parenteral nutrition in the management of short-bowel syndrome 24A
 QURESHI, B., SHEIKH, FARAH, DONALDSON, D., MORGAN, JANE B. & DICKERSON, J. W. T. Birth weight and feeding practices of infants in Southall, Middlesex 60A
- RADCLIFFE, A. G. *see* JOHNSON, A. W. 125A
 RADCLIFFE, M. A., HAY, S. C. & CAMPBELL, D. M. Effect of litter size on parametrial white fat cell size and lipolysis in lactating rats 73A
 RATCLIFFE, B. *see* MOHAMMED, A. 117A
 RATHBONE, B. J., JOHNSON, A. W., JONES, CHRISTINE, KELLEHER, J. & HEATLEY, R. V. Gastric juice 'secretion' of ascorbic acid 69A
 READ, N. W. *see* EDWARDS, C. A. 104A
 READ, N. W. *see* TOMLIN, J. 105A
 RICHARDS, J. *see* STEWART, J. T. 19A
 RICHARDSON, R. A. *see* WEIR, A. 74A
 RIVERS, J. P. W. *see* COYER, PENNY 53A
 RIVERS, J. P. W. *see* COYER, PENNY 108A
 ROBBINS, M. E. *see* SNIDER, M. T. 64A
 ROBERTSON, J. C. *see* BATSTONE, G. F. 6A
 ROBERTSON, J. F. R., GARDEN, O. J. & SHENKIN A. Intravenous nutrition and hepatic dysfunction: a retrospective study 10A
 ROBINSON, J. J. Changes in body composition during pregnancy and lactation 71-80
 ROBINSON, J. J., MCDONALD, I., PENNIE, K. & SMART, R. I. The body composition of nutritionally-restricted ovine fetuses compared with young fetuses of the same weight 91A
 ROBINSON, S. M. & YORK, D. A. Thermic responses to a standard meal in matched smoking and non-smoking female subjects 110A
 RODWAY, R. G. *see* CRUMP, ALISON D. 100A
 ROSE, S. J., WHITE, A. & MATHIESON, N. A method for indirect study of neonatal gut flora? 26A
 ROSE, S. P. & LEAN, A. P. Fatness of laying hens and their response to reduced energy intakes 102A
 ROSS, AILEEN *see* HADDOCK, G. 22A
 ROTHWELL, NANCY J. & STOCK, MICHAEL J. Chronic effects of Baclofen on energy balance and thermogenesis in the rat 112A

- ROTHWELL, NANCY J. & STOCK, MICHAEL J. Possible involvement of prostaglandins in diet-induced thermogenesis of 'cafeteria' fed rats 111A
- ROY, S., DRASER, B. S. & TOMKINS, A. M. The impact of zinc deficiency on the intestinal response to cholera toxin 39A
- ROYCE, CATHERINE *see* GRIFFIN, C. 3A
- ROYCE, CATHERINE, SUTTON, G. L. & KARRAN, S. J. Can postoperative peripheral feeding reduce complications following major surgery? 4A
- RUTTER, L. M. & MANN, J. G. Acute hypoglycaemia inhibits increased luteinizing hormone pulsatility associated with weaning in postpartum beef cows 88A
- SANDARADURA, SANOJA S. & BENDER, A. E. Effect of oral chlortetracycline on faecal DNA excretion and mucosal cell turnover in rats fed on legumes 118A
- SCHRIJVER, J. *see* VAN DER BEEK, E. J. 65A
- SCOTT, P. H. *see* AUKETT, A. 123A
- SCOTT, P. H. *see* GRINDULIS, H. 122A
- SHAND, J. H. *see* NOBLE, R. C. 103A
- SHAPIRO, D., BELCH, J. J. F., STURROCK, R. D. & SHENKIN, A. Effects of drugs altering arachidonic acid metabolism on production of interleukin 1 by monocyte-like cells 31A
- SHAPIRO, L. *see* CAMPBELL, I. T. 2A
- SHEIKH, FARAH *see* QURESHI, B. 60A
- SHENKIN, A. *see* DE CAESTECKER, J. S. 23A
- SHENKIN, A. *see* GREER, ANNE 11A
- SHENKIN, A. *see* HANSELL, D. T. 15A
- SHENKIN, A. *see* HANSELL, D. T. 28A
- SHENKIN, A. *see* ROBERTSON, J. F. R. 10A
- SHENKIN, A. *see* SHAPIRO, D. 31A
- SHENKIN, A. *see* WEIR, A. 74A
- SHENKIN, A. Vitamin and essential trace element recommendations during intravenous nutrition: theory and practice 383-390
- SHEPHERD, D. A. L. *see* SYMONDS, M. E. 93A
- SHEPHERD, R. & STOCKLEY, L. The role of attitudes and nutritional knowledge in fat consumption 44A
- SIAN, M. S., BACKHOUSE, C. & COOKE, T. Faecal bile acid profiles and colonic carcinogenesis 48A
- SILK, D. B. A. When I feed medical patients 153-161
- SIM, A. J. W. How I feed patients intravenously 171-176
- SIM, A. J. W. *see* CARVER, N. 58A
- SIM, A. J. W. *see* WARD, H. C. 16A
- SIMPSON, E. *see* BROOM, J. 20A
- SINGH, S., JOHNSON, A. W., MULLEY, G. P. & LOSOWSKY, M. S. Undernutrition in Alzheimer's disease 85A
- SISSONS, J. W., GILL, M. & THIAGO, L. R. S. Effect of conservation method and frequency of feeding on forestomach motility 96A
- SITUNAYAKE, R. D. *see* THURNHAM, D. I. 62A
- SITUNAYAKE, R. D., THURNHAM, D. I., DAVIES, J. A., CRUMP, B. J., DAVIS, M. & MCCONKEY, B. Examination of nutritional factors in rheumatoid arthritis: relation with markers of lipid peroxidation 66A
- SMART, R. I. *see* ROBINSON, J. J. 91A
- SMITH, D. J. *see* HEPBURN, D. 33A
- SMITH, H. A. *see* LOW, A. G. 55A
- SMITH, I. M. & HILL, R. Further observations on the effects of supplements of iron on growing fowl inoculated with *Salmonella gallinarum* 34A
- SNIDER, M. T., BALKE, P.-O., OERTER, K. E., FRANCALANCIA, N. A., BULL, A. P., PASKO, K. A. & ROBBINS, M. E. Lipid peroxidation during muscular exercise in man: inferences from the pulmonary excretion of n-pentane, isopentane and nitrogen 64A
- STELL, P. M. *see* CAMPBELL, I. T. 2A
- STEWART, J. T. *see* MAIN, J. 18A
- STEWART, J. T., PENNINGTON, C. R., MAIN, J., CROWE, S. & RICHARDS, J. Home parenteral nutrition: a cost-effective evaluation 19A
- STOCK, MICHAEL J. *see* ROTHWELL, NANCY J. 111A
- STOCK, MICHAEL J. *see* ROTHWELL, NANCY J. 112A
- STOCKER, R., HUNT, N. H., WEIDEMANN, M. J. & CLARK, I. A. Changes in the endogenous anti-oxidant levels of plasma and erythrocytes during *Plasmodium vinckei* malaria 70A
- STOCKLEY, L. *see* BROADHURST, A. J. 45A
- STOCKLEY, L. *see* SHEPHERD, R. 44A
- STURROCK, R. D. *see* SHAPIRO, D. 31A
- SUGDEN, K. *see* EDWARDS, C. A. 104A
- SUMMERS, M. *see* MILLIGAN, L. P. 185-193
- SUTTLE, N. F. & JONES, D. G. Copper and disease resistance in sheep: a rare natural confirmation of interaction between a specific nutrient and infection 317-325
- SUTTON, G. L. *see* ROYCE, CATHERINE 4A
- SWEETSUR, A. W. M. *see* CLAPPERTON, J. L. 46A
- SWINDELL, T. E. & JOHNSON, I. T. The effect of guar gum on the mucosal regulation of iron absorption in rats 37A
- SYLVESTER, V. *see* KEMM, J. R. 87A
- SYMONDS, M. E., BRYANT, M. J., SHEPHERD, D. A. L. & LOMAX, M. A. Glucose metabolism in shorn and unshorn pregnant sheep 93A
- SYMONDS, M. E., HANNAH, M. J., KIRKMAN, RACHEL J. & LOMAX, M. A. The effect of intravenous infusion of noradrenaline on lipolysis in adult sheep 79A
- SYMS, LISA L. *see* FAIRWEATHER-TAIT, SUSAN J. 41A
- TADESSE, K. & WONG, BETTY Is it time to change the standard lactose tolerance test? 47A
- TAYLOR, A. *see* YAHYA, Z. A. H. 107A
- TAYLOR, T. G. *see* MOHAMMED, A. 117A
- THEODOROU, M. K. *see* PRATES, E. R. 95A
- THIAGO, L. R. S. *see* PRATES, E. R. 95A
- THIAGO, L. R. S. *see* SISSONS, J. W. 96A
- THIAGO, L. R. S. & GILL, M. The effect of conservation method and frequency of feeding on the removal of digesta from the rumen 97A
- THOMAS, P. C. *see* GIRDLER, C. P. 43A
- THURNHAM, D. I. *see* SITUNAYAKE, R. D. 66A
- THURNHAM, D. I., CRUMP, B. J., DAVIES, J. A., SITUNAYAKE, R. D. & DAVIS, M. Nutritional status of vitamins E, C and B₂ in alcoholics in relation to the plasma phospholipid-2-esterified 9,11-linoleic acid:9,12-linoleic acid value 62A
- TOMKINS, A. M. *see* NEWHAM, D. J. 124A

- TOMKINS, A. M. *see* ROY, S. 39A
 TOMKINS, ANDREW M. Protein-energy malnutrition and risk of infection 289-304
 TOMLIN, J. *see* EDWARDS, C. A. 104A
 TOMLIN, J., EDWARDS, C. A., DUERDEN, B. I. & READ, N. W. Degradation of guar gum by faecal bacteria 105A
 TUCKER, M. A. M. *see* UTERMOHLEN, V. 327-331
 TYRRELL, H. F. *see* MOE, P. W. 215-220
- UTERMOHLEN, V. & TUCKER, M. A. M. Possible effects of dietary *n*-6 series polyunsaturated fatty acids on the development of immune dysfunction and infection 327-331
- VAN DER BEEK, E. J., VAN DOKKUM, W., SCHRIJVER, J. & WEDEL, M. Vitamin C restriction and physical performance 65A
 VAN DOKKUM, W. *see* VAN DER BEEK, E. J. 65A
 VAN PERSIJN VAN MEERTEN, ELS *see* CARVER, N. 58A
 VERNON, R. G. *see* KILGOUR, E. 76A
- WALDRON, S. P. *see* DODSON, P. M. 267-272
 WALKER, D. M. Body composition of animals during suckling and the immediate post-weaning period 81-89
 WAN, J., GRIMBLE, R. F. & GORE, M. Effects of dietary fat concentration and saturation on the catabolic response of protein metabolism to *Escherichia coli* endotoxin 27A
 WAN, JENNIFER & GRIMBLE, R. F. Diurnal influences on the metabolic effects of two types of *Escherichia coli* endotoxin in rats 83A
 WAN, JENNIFER & GRIMBLE, R. F. Effect of a lipoxigenase inhibitor, AA861, on the metabolic response to *Escherichia coli* endotoxin in rats 38A
 WAN, JENNIFER & GRIMBLE, R. F. Effects of Propranolol on fever, hypothermia and other metabolic effects of *Escherichia coli* endotoxins 113A
 WAN, JENNIFER & GRIMBLE, R. F. Inhibitory effects of indomethacin on some features of the metabolic response to *Escherichia coli* endotoxin in rats 51A
 WARD, H. C., HALLIDAY, D. & SIM, A. J. W. Whole-body protein synthesis and energy balance in surgical patients 16A
- WATERLOW, J. C. Notes on the new international estimates of energy requirements 351-360
 WATSON, N. A. C., PEARSON, R. ANNE & ARCHIBALD, R. F. Effect of ambient temperature and urea supplementation on the intake of fibrous diets by draught ruminants 98A
 WEBBERLEY, M. J. *see* DODSON, P. M. 267-272
 WEBSTER, A. J. F. Factors affecting the body composition of growing and adult animals 45-53
 WEBSTER, JOAN D. *see* GARROW, J. S. 119A
 WEBSTER, JOAN D. *see* LAWSON, SUSAN 121A
 WEDEL, M. *see* VAN DER BEEK, E. J. 65A
 WEEKS, T. E. C. Key hormonal and metabolic control systems modifying nutrient use 195-202
 WEIDEMANN, M. J. *see* STOCKER, R. 70A
 WEIR, A., RICHARDSON, R. A., CARR, K., SHENKIN, A., GARDEN, O. J. & BROWNING, G. G. A comparison of continuous and intermittent post-operative nasogastric nutrition after major head and neck surgery 74A
 WELCHMAN, D. DE B. & BAUST, GUL N. Associations between feeding, housing and the incidence of abomasal ulcers in veal calves 32A
 WHARTON, B. A. *see* AUKETT, A. 123A
 WHARTON, B. A. *see* GRINDULIS, H. 122A
 WHITE, A. *see* ROSE, S. J. 26A
 WHITEHEAD, R. G. Principles involved in assessing energy, protein and micronutrient needs during infancy 361-367
 WHITTEMORE, COLIN T. Causes of variation in the body composition of growing pigs 111-117
 WILL, I. G. *see* DOWNIE, G. 29A
 WILLIAMSON, D. H. *see* MERCER, S. W. 116A
 WONG, BETTY *see* TADESSE, K. 47A
 WOODWARD, C. J. H. & EMERY, P. W. Energy balance of corticosterone-treated rats in relation to body composition 52A
 WRIGHT, A. J. A. *see* FAIRWEATHER-TAIT, SUSAN J. 40A
- YAHYA, Z. A. H., BATES, P. C., DALAL, SHREDEVI S., MORELL, D., HOLDER, A. T., TAYLOR, A. & MILLWARD, D. J. The effect of dietary protein concentration on bone and muscle growth and immunoreactive somatomedin C in the rat 107A
 YORK, D. A. *see* ROBINSON, S. M. 110A
- ZEBROWSKA, TERESA *see* LOW, A. G. 55A