

## Index of Authors

	PAGE
AKAOKA I. <i>see</i> NISHIDA Y., AKAOKA I., HAYASHI E. & MIYAMOTO T. Elevated erythrocyte phosphoribosylpyrophosphate and ATP concentrations in Japanese sumo wrestlers.	3
ALEXIU Andre <i>see</i> BOURGEOIS Francine, ALEXIU Andre & LEMONNIER Daniel Dietary-induced obesity: effect of dietary fats on adipose tissue cellularity in mice.	17
ALUMOT Eugenia <i>see</i> BIELORAI Rachel, HARDUF Z., IOSIF B. & ALUMOT Eugenia Apparent amino acid absorption from feather meal by chicks.	395
AUSTIN S. <i>see</i> LUNN P.G. & AUSTIN S. Excess energy intake promotes the development of hypoalbuminaemia in rats fed on low-protein diets.	9
BAIRD G.D. <i>see</i> LOMAX M.A. & BAIRD G.D. Blood flow and nutrient exchange across the liver and gut of the dairy cow. Effects of lactation and fasting.	481
BARKER P.J. <i>see</i> PETHICK D.W., LINDSAY D.B., BARKER P.J. & NORTHROP A.J. The metabolism of circulating non-esterified fatty acids by the whole animal, hind-limb muscle and uterus of pregnant ewes.	129
BARLET J.-P. <i>see</i> DURAND D., BRAITHWAITE G.D. & BARLET J.-P. The effect of $1\alpha$ -hydroxycholecalciferol on the placental transfer of calcium and phosphate in sheep.	475
BARRY T.N., DUNCAN S.J., SADLER W.A., MILLAR K.R. & SHEPPARD A.D. Iodine metabolism and thyroid hormone relationships in growing sheep fed on kale ( <i>Brassica oleracea</i> ) and ryegrass ( <i>Lolium perenne</i> ) – clover ( <i>Trifolium repens</i> ) fresh-forage diets.	241
BASU T.K. <i>see</i> SUTTON Judith L., BASU T.K. & DICKERSON J.W.T. Effect of pharmacological doses of ascorbic acid on the hepatic microsomal haemoproteins in the guinea-pig.	27
BATCHELOR A.J. & COMPSTON Juliet E. Reduced plasma half-life of radio-labelled 25-hydroxyvitamin D <sub>3</sub> in subjects receiving a high-fibre diet.	213
BENDER David A. <i>see</i> MAGBOUL Bahieldin I. & BENDER David A. The effects of a dietary excess of leucine on the synthesis of nicotinamide nucleotides in the rat.	321
BERSCHAUER F. <i>see</i> CLOSE W.H., BERSCHAUER F. & HEAVENS R.P. The influence of protein:energy value of the ration and level of feed intake on the energy and nitrogen metabolism of the growing pig. 1. Energy metabolism.	255
BERSCHAUER F., CLOSE W.H. & STEPHENS D.B. The influence of protein:energy value of the ration and level of feed intake on the energy and nitrogen metabolism of the growing pig. 2. N metabolism at two environmental temperatures.	271
BEZWODA W.R. <i>see</i> GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P.,DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables.	331
BIELORAI Rachel, HARDUF Z., IOSIF B. & ALUMOT Eugenia Apparent amino acid absorption from feather meal by chicks.	395
BLAZA Sandra & GARROW J.S. Thermogenic response to temperature, exercise and food stimuli in lean and obese women, studied by 24 h direct calorimetry.	171
BOTHWELL T.H. <i>see</i> GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P.,DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables.	331
BOURGEOIS Francine, ALEXIU Andre & LEMONNIER Daniel Dietary-induced obesity: effect of dietary fats on adipose tissue cellularity in mice.	17
BRAITHWAITE G.D. <i>see</i> DURAND D., BRAITHWAITE G.D. & BARLET J.-P. The effect of $1\alpha$ -hydroxycholecalciferol on the placental transfer of calcium and phosphate in sheep.	475
BREMNER I. <i>see</i> HUMPHRIES W.R., PHILLIPPO M., YOUNG B.W. & BREMNER I. The influence of dietary iron and molybdenum on copper metabolism in calves.	77
BURR M.L. & MERRETT T.G. Food intolerance: a community survey.	217
CAMPBELL R.G. & DUNKIN A.C. Influence of feeding level and of protein level in early life on the cellularity of adipose tissue and body fat content of growing pigs.	109

- CAMPBELL R.G. & DUNKIN A.C. The effects of energy intake and dietary protein on nitrogen retention, growth performance, body composition and some aspects of energy metabolism of baby pigs. 221
- CHAIYABUTR N., FAULKNER Anne & PEAKER M. Effects of exogenous glucose on glucose metabolism in the lactating goat in vivo. 159
- CHARLTON R.W. *see* GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P., DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables. 331
- CLOSE W.H., BERSCHAUER F. & HEAVENS R.P. The influence of protein:energy value of the ration and level of feed intake on the energy and nitrogen metabolism of the growing pig. 1. Energy metabolism. 255
- CLOSE W.H. *see* BERSCHAUER F., CLOSE W.H. & STEPHENS D.B. The influence of protein:energy value of the ration and level of feed intake on the energy and nitrogen metabolism of the growing pig. 2. N metabolism at two environmental temperatures. 271
- COATES M.E. *see* COLE C.B., SCOTT K.J., HENSCHEL M.J., COATES M.E., FORD J.E. & FULLER R. Trace-nutrient-binding proteins in milk and the growth of bacteria in the gut of infant rabbits. 231
- COATES M.E. *see* MURAMATSU T., COATES M.E., HEWITT D., SALTER D.N. & GARLICK P.J. The influence of the gut microflora on protein synthesis in liver and jejunal mucosa in chicks. 453
- COLE C.B., SCOTT K.J., HENSCHEL M.J., COATES M.E., FORD J.E. & FULLER R. Trace-nutrient-binding proteins in milk and the growth of bacteria in the gut of infant rabbits. 231
- COMPSTON Juliet E. *see* BATCHELOR A.J. & COMPSTON Juliet E. Reduced plasma half-life of radio-labelled 25-hydroxyvitamin D<sub>3</sub> in subjects receiving a high-fibre diet. 213
- DAS Salil K., ELLIOTT Munalula L. & KING Halifax C. Effects of the nature and amount of dietary energy on lipid composition of rat gingival tissue. 187
- DAVIS Edward *see* HUSZAR Gabor, GOLENWSKY George, MAIOCCO John & DAVIS Edward Urinary 3-methylhistidine excretion in man: the role of protein-bound and soluble 3-methylhistidine. 287
- DERMAN D.P. *see* GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P., DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables. 331
- DICKERSON J.W.T. *see* SUTTON Judith L., BASU T.K. & DICKERSON J.W.T. Effect of pharmacological doses of ascorbic acid on the hepatic microsomal haemoproteins in the guinea-pig. 27
- DIENG K. *see* SAUTIER C., DIENG K., FLAMENT C., DOUCET C., SUQUET J.P. & LEMONNIER D. Effects of whey protein, casein, soya-bean and sunflower proteins on the serum, tissue and faecal steroids in rats. 313
- DIXON R.M., KENNELLY J.J. & MILLIGAN L.P. Kinetics of [<sup>109</sup>Ru]phenanthroline and dysprosium particulate markers in the rumen of steers. 463
- DOUCET C. *see* SAUTIER C., DIENG K., FLAMENT C., DOUCET C., SUQUET J.P. & LEMONNIER D. Effects of whey protein, casein, soya-bean and sunflower proteins on the serum, tissue and faecal steroids in rats. 313
- DUNCAN S.J. *see* BARRY T.N., DUNCAN S.J., SADLER W.A., MILLAR K.R. & SHEPPARD A.D. Iodine metabolism and thyroid hormone relationships in growing sheep fed on kale (*Brassica oleracea*) and ryegrass (*Lolium perenne*) – clover (*Trifolium repens*) fresh-forage diets. 241
- DUNKIN A.C. *see* CAMPBELL R.G. & DUNKIN A.C. Influence of feeding level and of protein level in early life on the cellularity of adipose tissue and body fat content of growing pigs. 109
- DUNKIN A.C. *see* CAMPBELL R.G. & DUNKIN A.C. The effects of energy intake and dietary protein on nitrogen retention, growth performance, body composition and some aspects of energy metabolism of baby pigs. 221
- DURAND D., BRAITHWAITE G.D. & BARLET J.-P. The effect of 1 $\alpha$ -hydroxycholecalciferol on the placental transfer of calcium and phosphate in sheep. 475
- EGAN A.R., MACRAE J.C. & LAMB C.S. Threonine metabolism in sheep 1. Threonine catabolism and gluconeogenesis in mature Blackface wethers given poor quality hill herbage. 373
- EGAN A.R. *see* MACRAE J.C. & EGAN A.R. Threonine metabolism in sheep 2. Threonine catabolism and gluconeogenesis in pregnant ewes. 385
- ELLIOTT Munalula L. *see* DAS Salil K., ELLIOTT Munalula L. & KING Halifax C. Effects of the nature and amount of dietary energy on lipid composition of rat gingival tissue. 187
- EVERED D.F. & VADGAMA J.V. Absorption of homocitrulline from the gastrointestinal tract. 35
- FAIRWEATHER-TAIT Susan J., GEE Jennifer M. & JOHNSON I. T. The influence of cooked kidney beans (*Phaseolus vulgaris*) on intestinal cell turnover and faecal nitrogen excretion in the rat. 303

FAULKNER Anne <i>see</i> CHAIYABUTR N., FAULKNER Anne & PEAKER M. Effects of exogenous glucose on glucose metabolism in the lactating goat in vivo.	159
FINOT P.A. <i>see</i> HURRELL R.F., FINOT P.A. & FORD J.E. Storage of milk powders under adverse conditions 1. Losses of lysine and of other essential amino acids as determined by chemical and microbiological methods.	343
FINOT P.A. <i>see</i> FORD J.E., HURRELL R.F. & FINOT P.A. Storage of milk powders under adverse conditions 2. Influence on the content of water-soluble vitamins.	355
FLAMENT C. <i>see</i> SAUTIER C., DIENG K., FLAMENT C., DOUCET C., SUQUET J.P. & LEMONNIER D. Effects of whey protein, casein, soya-bean and sunflower proteins on the serum, tissue and faecal steroids in rats.	313
FORD J.E. <i>see</i> COLE C.B., SCOTT K.J., HENSCHEL M.J., COATES M.E., FORD J.E. & FULLER R. Trace-nutrient-binding proteins in milk and the growth of bacteria in the gut of infant rabbits.	231
FORD J.E. <i>see</i> HURRELL R.F., FINOT P.A. & FORD J.E. Storage of milk powders under adverse conditions 1. Losses of lysine and of other essential amino acids as determined by chemical and microbiological methods.	343
FORD J.E., HURRELL R.F. & FINOT P.A. Storage of milk powders under adverse conditions 2. Influence on the content of water-soluble vitamins.	355
FULLER M.F. <i>see</i> PARTRIDGE G.G., FULLER M.F. & PULLAR J.D. Energy and nitrogen metabolism of lactating rabbits.	507
FULLER R. <i>see</i> COLE C.B., SCOTT K.J., HENSCHEL M.J., COATES M.E., FORD J.E. & FULLER R. Trace-nutrient-binding proteins in milk and the growth of bacteria in the gut of infant rabbits.	231
GARLICK P.J. <i>see</i> MURAMATSU T., COATES M.E., HEWITT D., SALTER D.N. & GARLICK P.J. The influence of the gut microflora on protein synthesis in liver and jejunal mucosa in chicks.	453
GARLICK Peter J. <i>see</i> PREEDY Victor R., McNURLAN Margaret A. & GARLICK Peter J. Protein synthesis in skin and bone of the young rat.	517
GARROW J.S. <i>see</i> BLAZA Sandra & GARROW J.S. Thermogenic response to temperature, exercise and food stimuli in lean and obese women, studied by 24 h direct calorimetry.	171
GEE Jennifer M. <i>see</i> FAIRWEATHER-TAIT Susan J., GEE Jennifer M. & JOHNSON I. T. The influence of cooked kidney beans ( <i>Phaseolus vulgaris</i> ) on intestinal cell turnover and faecal nitrogen excretion in the rat.	303
GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P., DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables.	331
GOLENWSKY George <i>see</i> HUSZAR Gabor, GOLENWSKY George, MAIOCCO John & DAVIS Edward Urinary 3-methylhistidine excretion in man: the role of protein-bound and soluble 3-methylhistidine.	287
HALL Andrew Dietary protein and the growth of rats infected with the tapeworm <i>Hymenolepis diminuta</i> .	59
HARDUF Z. <i>see</i> BIELORAI Rachel, HARDUF Z., IOSIF B. & ALUMOT Eugenia Apparent amino acid absorption from feather meal by chicks.	395
HARTLEY R. <i>see</i> SCHORAH C.J., WILD J., HARTLEY R., SHEPPARD S. & SMITHELLS R.W. The effect of periconceptional supplementation on blood vitamin concentrations in women at recurrence risk for neural tube defect.	203
HAYASHI E. <i>see</i> NISHIDA Y., AKAOKA I., HAYASHI E. & MIYAMOTO T. Elevated erythrocyte phosphoribosylpyrophosphate and ATP concentrations in Japanese sumo wrestlers.	3
HEAVENS R.P. <i>see</i> CLOSE W.H., BERSCHAUER F. & HEAVENS R.P. The influence of protein:energy value of the ration and level of feed intake on the energy and nitrogen metabolism of the growing pig. 1. Energy metabolism.	255
HENSCHEL M.J. <i>see</i> COLE C.B., SCOTT K.J., HENSCHEL M.J., COATES M.E., FORD J.E. & FULLER R. Trace-nutrient-binding proteins in milk and the growth of bacteria in the gut of infant rabbits.	231
HEWITT D. <i>see</i> MURAMATSU T., COATES M.E., HEWITT D., SALTER D.N. & GARLICK P.J. The influence of the gut microflora on protein synthesis in liver and jejunal mucosa in chicks.	453
HUMPHRIES W.R., PHILLIPPO M., YOUNG B.W. & BREMNER I. The influence of dietary iron and molybdenum on copper metabolism in calves.	77
HURRELL R.F., FINOT P.A. & FORD J.E. Storage of milk powders under adverse conditions 1. Losses of lysine and of other essential amino acids as determined by chemical and microbiological methods.	343
HURRELL R.F. <i>see</i> FORD J.E., HURRELL R.F. & FINOT P.A. Storage of milk powders under adverse conditions 2. Influence on the content of water-soluble vitamins.	355

	PAGE
HUSZAR Gabor, GOLENWSKY George, MAIOCCO John & DAVIS Edward Urinary 3-methylhistidine excretion in man: the role of protein-bound and soluble 3-methylhistidine.	287
IOSIF B. <i>see</i> BIELORAI Rachel, HARDUF Z., IOSIF B. & ALUMOT Eugenia Apparent amino acid absorption from feather meal by chicks.	395
JOHNSON I. T. <i>see</i> FAIRWEATHER-TAIT Susan J., GEE Jennifer M. & JOHNSON I. T. The influence of cooked kidney beans ( <i>Phaseolus vulgaris</i> ) on intestinal cell turnover and faecal nitrogen excretion in the rat.	303
KATZ H.B. <i>see</i> SMART J.L., STEPHENS D.N. & KATZ H.B. Growth and development of rats artificially reared on a high or a low plane of nutrition.	497
KEAL H.D. <i>see</i> NEWPORT M.J. & KEAL H.D. Artificial rearing of pigs. 13. Effect of replacement of dried skim-milk by a functional fish-protein concentrate on the performance of the pigs and digestion of protein.	43
KENNELLY J.J. <i>see</i> DIXON R.M., KENNELLY J.J. & MILLIGAN L.P. Kinetics of [ <sup>109</sup> Ru]phenanthroline and dysprosium particulate markers in the rumen of steers.	463
KING Halifax C. <i>see</i> DAS Salil K., ELLIOTT Munalula L. & KING Halifax C. Effects of the nature and amount of dietary energy on lipid composition of rat gingival tissue.	187
KNIGHT R. <i>see</i> SUTTON J.D., KNIGHT R., McALLAN A.B. & SMITH R.H. Digestion and synthesis in the rumen of sheep given diets supplemented with free and protected oils.	419
KNIGHT R. <i>see</i> McALLAN A.B., KNIGHT R. & SUTTON J.D. The effect of free and protected oils on the digestion of dietary carbohydrates between the mouth and duodenum of sheep.	433
KOCHANOWSKI Barbara A. & SHERMAN Adria R. Iron status of suckling rats as influenced by maternal diet during gestation and lactation.	51
LAMB C.S. <i>see</i> EGAN A.R., MACRAE J.C. & LAMB C.S. Threonine metabolism in sheep 1. Threonine catabolism and gluconeogenesis in mature Blackface wethers given poor quality hill herbage.	373
LEE Yeon Sook, NOGUCHI Iadashi & NAITO Hiroshi Intestinal absorption of calcium in rats given diets containing casein or amino acid mixture: the role of casein phosphopeptides.	67
LEMONNIER D. <i>see</i> SAUTIER C., DIENG K., FLAMENT C., DOUCET C., SUQUET J.P. & LEMONNIER D. Effects of whey protein, casein, soya-bean and sunflower proteins on the serum, tissue and faecal steroids in rats.	313
LEMONNIER Daniel <i>see</i> BOURGEOIS Francine, ALEXIU Andre & LEMONNIER Daniel Dietary-induced obesity: effect of dietary fats on adipose tissue cellularity in mice.	17
LINDSAY D.B. <i>see</i> PETHICK D.W., LINDSAY D.B., BARKER P.J. & NORTHROP A.J. The metabolism of circulating non-esterified fatty acids by the whole animal, hind-limb muscle and uterus of pregnant ewes.	129
LOMAX M.A. & BAIRD G.D. Blood flow and nutrient exchange across the liver and gut of the dairy cow. Effects of lactation and fasting.	481
LOW A.G. <i>see</i> ZEBROWSKA Teresa, LOW A.G. & ZEBROWSKA Hanna Studies on gastric digestion of protein and carbohydrate, gastric secretion and exocrine pancreatic secretion in the growing pig.	401
LUNN P.G. & AUSTIN S. Excess energy intake promotes the development of hypoalbuminaemia in rats fed on low-protein diets.	9
MACPHAIL A.P. <i>see</i> GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P., DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables.	331
MACRAE J.C. <i>see</i> EGAN A.R., MACRAE J.C. & LAMB C.S. Threonine metabolism in sheep 1. Threonine catabolism and gluconeogenesis in mature Blackface wethers given poor quality hill herbage.	373
MACRAE J.C. & EGAN A.R. Threonine metabolism in sheep 2. Threonine catabolism and gluconeogenesis in pregnant ewes.	385
MAGBOUL Bahieldin I. & BENDER David A. The effects of a dietary excess of leucine on the synthesis of nicotinamide nucleotides in the rat.	321
MAIOCCO John <i>see</i> HUSZAR Gabor, GOLENWSKY George, MAIOCCO John & DAVIS Edward Urinary 3-methylhistidine excretion in man: the role of protein-bound and soluble 3-methylhistidine.	287
MARTENS H. Saturation kinetics of magnesium efflux across the rumen wall in heifers.	153
MARTIN A.K., MILNE J.A. & MOBERLY P. The origin of urinary aromatic compounds excreted by ruminants. 4. The potential use of urine aromatic acid and phenol outputs as a measure of voluntary food intake.	87
MASTERS David G. & MOIR R.J. Effect of zinc deficiency on the pregnant ewe and developing foetus.	365

MAYET FATIMA <i>see</i> GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P.,DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables.	331
MCALLAN A.B. & SMITH R.H. Estimation of flows of organic matter and nitrogen components in postruminal digesta and effects of level of dietary intake and physical form of protein supplement on such estimates.	119
MCALLAN A.B. <i>see</i> SUTTON J.D., KNIGHT R., MCALLAN A.B. & SMITH R.H. Digestion and synthesis in the rumen of sheep given diets supplemented with free and protected oils.	419
MCALLAN A.B., KNIGHT R. & SUTTON J.D. The effect of free and protected oils on the digestion of dietary carbohydrates between the mouth and duodenum of sheep.	433
MCCRACKEN K.J. & MCNIVEN Mary A. Effect of overfeeding by gastric intubation on body composition of adult female rats and on heat production during feeding and fasting.	193
MCNIVEN Mary A. <i>see</i> MCCRACKEN K.J. & MCNIVEN Mary A. Effect of overfeeding by gastric intubation on body composition of adult female rats and on heat production during feeding and fasting.	193
MCNURLAN Margaret A. <i>see</i> PREEDY Victor R., MCNURLAN Margaret A. & GARLICK Peter J. Protein synthesis in skin and bone of the young rat.	517
MERRETT T.G. <i>see</i> BURR M.L. & MERRETT T.G. Food intolerance: a community survey.	217
MILLAR K.R. <i>see</i> BARRY T.N., DUNCAN S.J., SADLER W.A., MILLAR K.R. & SHEPPARD A.D. Iodine metabolism and thyroid hormone relationships in growing sheep fed on kale ( <i>Brassica oleracea</i> ) and ryegrass ( <i>Lolium perenne</i> ) – clover ( <i>Trifolium repens</i> ) fresh-forage diets.	241
MILLIGAN L.P. <i>see</i> DIXON R.M., KENNELLY J.J. & MILLIGAN L.P. Kinetics of [ <sup>109</sup> Ru]phenanthroline and dysprosium particulate markers in the rumen of steers.	463
MILLS W. <i>see</i> GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P.,DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables.	331
MILNE J.A. <i>see</i> MARTIN A.K., MILNE J.A. & MOBERLY P. The origin of urinary aromatic compounds excreted by ruminants. 4. The potential use of urine aromatic acid and phenol outputs as a measure of voluntary food intake.	87
MIYAMOTO T. <i>see</i> NISHIDA Y., AKAOKA I., HAYASHI E. & MIYAMOTO T. Elevated erythrocyte phosphoribosylpyrophosphate and ATP concentrations in Japanese sumo wrestlers.	3
MOBERLY P. <i>see</i> MARTIN A.K., MILNE J.A. & MOBERLY P. The origin of urinary aromatic compounds excreted by ruminants. 4. The potential use of urine aromatic acid and phenol outputs as a measure of voluntary food intake.	87
MOIR R.J. <i>see</i> MASTERS David G. & MOIR R.J. Effect of zinc deficiency on the pregnant ewe and developing foetus.	365
MOORE Robert J. & VEUM Trygve L. Adaptive increase in phytate digestibility by phosphorus-deprived rats and the relationship of intestinal phytase ( <i>EC</i> 3.1.3.8) and alkaline phosphatase ( <i>EC</i> 3.1.3.1) to phytate utilization.	145
MORRIS James G. <i>see</i> SMALLEY Katherine A., ROGERS Quinton R. & MORRIS James G. Methionine requirement of kittens given amino acid diets containing adequate cystine.	411
MURAMATSU T., COATES M.E., HEWITT D., SALTER D.N. & GARLICK P.J. The influence of the gut microflora on protein synthesis in liver and jejunal mucosa in chicks.	453
NAITO Hiroshi <i>see</i> LEE Yeon Sook, NOGUCHI Iadashi & NAITO Hiroshi Intestinal absorption of calcium in rats given diets containing casein or amino acid mixture: the role of casein phosphopeptides.	67
NEWPORT M.J. & KEAL H.D. Artificial rearing of pigs. 13. Effect of replacement of dried skim-milk by a functional fish-protein concentrate on the performance of the pigs and digestion of protein.	43
NISHIDA Y., AKAOKA I., HAYASHI E. & MIYAMOTO T. Elevated erythrocyte phosphoribosylpyrophosphate and ATP concentrations in Japanese sumo wrestlers.	3
NOGUCHI Iadashi <i>see</i> LEE Yeon Sook, NOGUCHI Iadashi & NAITO Hiroshi Intestinal absorption of calcium in rats given diets containing casein or amino acid mixture: the role of casein phosphopeptides.	67
NORTHROP A.J. <i>see</i> PETHICK D.W., LINDSAY D.B., BARKER P.J. & NORTHROP A.J. The metabolism of circulating non-esterified fatty acids by the whole animal, hind-limb muscle and uterus of pregnant ewes.	129
Obituary Notice (SIR RUDOLPH PETERS). By A.M. COPPING	1

Obituary Notice (EGON KODICEK). By D.R. FRASER	167
O'DELL Boyd L. <i>see</i> REEVES Philip G. & O'DELL Boyd L. The effect of zinc deficiency on glucose metabolism in meal-fed rats.	441
PARTRIDGE G.G., FULLER M.F. & PULLAR J.D. Energy and nitrogen metabolism of lactating rabbits.	507
PEAKER M. <i>see</i> CHAIYABUTR N., FAULKNER Anne & PEAKER M. Effects of exogenous glucose on glucose metabolism in the lactating goat in vivo.	159
PETHICK D.W., LINDSAY D.B., BARKER P.J. & NORTHROP A.J. The metabolism of circulating non-esterified fatty acids by the whole animal, hind-limb muscle and uterus of pregnant ewes.	129
PHILIPPO M. <i>see</i> HUMPHRIES W.R., PHILIPPO M., YOUNG B.W. & BREMNER I. The influence of dietary iron and molybdenum on copper metabolism in calves.	77
PHILLIPS D.R. & WRIGHT A.J.A. Studies on the response of <i>Lactobacillus casei</i> to folate vitamin in foods.	181
PREEDY Victor R., MCNURLAN Margaret A. & GARLICK Peter J. Protein synthesis in skin and bone of the young rat.	517
PULLAR J.D. <i>see</i> PARTRIDGE G.G., FULLER M.F. & PULLAR J.D. Energy and nitrogen metabolism of lactating rabbits.	507
REEVES Philip G. & O'DELL Boyd L. The effect of zinc deficiency on glucose metabolism in meal-fed rats.	441
ROGERS Quinton R. <i>see</i> SMALLEY Katherine A., ROGERS Quinton R. & MORRIS James G. Methionine requirement of kittens given amino acid diets containing adequate cystine.	411
SADLER W.A. <i>see</i> BARRY T.N., DUNCAN S.J., SADLER W.A., MILLAR K.R. & SHEPPARD A.D. Iodine metabolism and thyroid hormone relationships in growing sheep fed on kale ( <i>Brassica oleracea</i> ) and ryegrass ( <i>Lolium perenne</i> ) – clover ( <i>Trifolium repens</i> ) fresh-forage diets.	241
SALTER D.N. <i>see</i> MURAMATSU T., COATES M.E., HEWITT D., SALTER D.N. & GARLICK P.J. The influence of the gut microflora on protein synthesis in liver and jejunal mucosa in chicks.	453
SAUTIER C., DIENG K., FLAMENT C., DOUCET C., SUQUET J.P. & LEMONNIER D. Effects of whey protein, casein, soya-bean and sunflower proteins on the serum, tissue and faecal steroids in rats.	313
SCHORAH C.J., WILD J., HARTLEY R., SHEPPARD S. & SMITHELLS R.W. The effect of periconceptual supplementation on blood vitamin concentrations in women at recurrence risk for neural tube defect.	203
SCOTT K.J. <i>see</i> COLE C.B., SCOTT K.J., HENSCHEL M.J., COATES M.E., FORD J.E. & FULLER R. Trace-nutrient-binding proteins in milk and the growth of bacteria in the gut of infant rabbits.	231
SHEPPARD A.D. <i>see</i> BARRY T.N., DUNCAN S.J., SADLER W.A., MILLAR K.R. & SHEPPARD A.D. Iodine metabolism and thyroid hormone relationships in growing sheep fed on kale ( <i>Brassica oleracea</i> ) and ryegrass ( <i>Lolium perenne</i> ) – clover ( <i>Trifolium repens</i> ) fresh-forage diets.	241
SHEPPARD S. <i>see</i> SCHORAH C.J., WILD J., HARTLEY R., SHEPPARD S. & SMITHELLS R.W. The effect of periconceptual supplementation on blood vitamin concentrations in women at recurrence risk for neural tube defect.	203
SHERMAN Adria R. <i>see</i> KOCHANOWSKI Barbara A. & SHERMAN Adria R. Iron status of suckling rats as influenced by maternal diet during gestation and lactation.	51
SMALLEY Katherine A., ROGERS Quinton R. & MORRIS James G. Methionine requirement of kittens given amino acid diets containing adequate cystine.	411
SMART J.L., STEPHENS D.N. & KATZ H.B. Growth and development of rats artificially reared on a high or a low plane of nutrition.	497
SMITH R.H. <i>see</i> MCALLAN A.B. & SMITH R.H. Estimation of flows of organic matter and nitrogen components in post-ruminal digesta and effects of level of dietary intake and physical form of protein supplement on such estimates.	119
SMITH R.H. <i>see</i> SUTTON J.D., KNIGHT R., MCALLAN A.B. & SMITH R.H. Digestion and synthesis in the rumen of sheep given diets supplemented with free and protected oils.	419
SMITHELLS R.W. <i>see</i> SCHORAH C.J., WILD J., HARTLEY R., SHEPPARD S. & SMITHELLS R.W. The effect of periconceptual supplementation on blood vitamin concentrations in women at recurrence risk for neural tube defect.	203
STEPHENS D.B. <i>see</i> BERSCHAUER F., CLOSE W.H. & STEPHENS D.B. The influence of protein:energy value of the ration and level of feed intake on the energy and nitrogen metabolism of the growing pig. 2. N metabolism at two environmental temperatures.	271

STEPHENS D.N. <i>see</i> SMART J.L., STEPHENS D.N. & KATZ H.B. Growth and development of rats artificially reared on a high or a low plane of nutrition.	497
SUQUET J.P. <i>see</i> SAUTIER C., DIENG K., FLAMENT C., DOUCET C., SUQUET J.P. & LEMONNIER D. Effects of whey protein, casein, soya-bean and sunflower proteins on the serum, tissue and faecal steroids in rats.	313
SUTTON J.D., KNIGHT R., McALLAN A.B. & SMITH R.H. Digestion and synthesis in the rumen of sheep given diets supplemented with free and protected oils.	419
SUTTON J.D. <i>see</i> McALLAN A.B., KNIGHT R. & SUTTON J.D. The effect of free and protected oils on the digestion of dietary carbohydrates between the mouth and duodenum of sheep.	433
SUTTON Judith L., BASU T.K. & DICKERSON J.W.T. Effect of pharmacological doses of ascorbic acid on the hepatic microsomal haemoproteins in the guinea-pig.	27
TAVES Donald R. Dietary intake of fluoride ashed (total fluoride) <i>v.</i> unashed (inorganic fluoride) analysis of individual foods.	295
TORRANCE J.D. <i>see</i> GILLOOLY M., BOTHWELL T.H., TORRANCE J.D., MACPHAIL A.P., DERMAN D.P., BEZWODA W.R., MILLS W., CHARLTON R.W. & MAYET FATIMA The effects of organic acids, phytates and polyphenols on the absorption of iron from vegetables.	331
VADGAMA J.V. <i>see</i> EVERED D.F. & VADGAMA J.V. Absorption of homocitrulline from the gastrointestinal tract.	35
VEUM Trygve L. <i>see</i> MOORE Robert J. & VEUM Trygve L. Adaptive increase in phytate digestibility by phosphorus-deprived rats and the relationship of intestinal phytase ( <i>EC</i> 3.1.3.8) and alkaline phosphatase ( <i>EC</i> 3.1.3.1) to phytate utilization.	145
WALLACE R.J. Digestion of rumen bacteria <i>in vitro</i> .	101
WILD J. <i>see</i> SCHORAH C.J., WILD J., HARTLEY R., SHEPPARD S. & SMITHELLS R.W. The effect of periconceptional supplementation on blood vitamin concentrations in women at recurrence risk for neural tube defect.	203
WRIGHT A.J.A. <i>see</i> PHILLIPS D.R. & WRIGHT A.J.A. Studies on the response of <i>Lactobacillus casei</i> to folate vitamin in foods.	181
YOUNG B.W. <i>see</i> HUMPHRIES W.R., PHILLIPPO M., YOUNG B.W. & BREMNER I. The influence of dietary iron and molybdenum on copper metabolism in calves.	77
ZEBROWSKA Hanna <i>see</i> ZEBROWSKA Teresa, LOW A.G. & ZEBROWSKA Hanna Studies on gastric digestion of protein and carbohydrate, gastric secretion and exocrine pancreatic secretion in the growing pig.	401
ZEBROWSKA Teresa, LOW A.G. & ZEBROWSKA Hanna Studies on gastric digestion of protein and carbohydrate, gastric secretion and exocrine pancreatic secretion in the growing pig.	401