

Index of Authors

	PAGE
ADAIR Linda S., POLLITT Ernesto & MUELLER William H. The Bacon Chow study: effect of nutritional supplementation on maternal weight and skinfold thicknesses during pregnancy and lactation.	357
ADRON J.W. <i>see</i> WALTON M.J., COLOSO R.M., COWEY C.B., ADRON J.W. & KNOX D. The effects of dietary tryptophan levels on growth and metabolism of rainbow trout (<i>Salmo gairdneri</i>).	279
ALLINSON M. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., ALLINSON M., ROBINSON C.J., APPLETON D.R. & EASTOE J.E. The importance of fortification of flour with calcium and the sources of Ca in the diet of 375 English adolescents.	193
ALLINSON Marion <i>see</i> HACKETT Allan F., RUGG-GUNN Andrew J., APPLETON David R., ALLINSON Marion & EASTOE John E. Sugars-eating habits of 405 11- to 14-year-old English children.	347
ANDERSEN L.M. <i>see</i> BATTERHAM E.S., MURISON R.D. & ANDERSEN L.M. Availability of lysine in vegetable protein concentrates as determined by the slope-ratio assay with growing pigs and rats and by chemical techniques.	85
ANDERSON Douglas M.W. <i>see</i> MCLEAN ROSS Alasdair H., EASTWOOD Martin A., BRYDON William G., BUSUTIL Anthony, MCKAY Linda F. & ANDERSON Douglas M.W. A study of the effects of dietary gum arabic in the rat.	47
APPLETON D.R. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., APPLETON D.R., EASTOE J.E. & JENKINS G.N. A 2-year longitudinal nutritional survey of 405 Northumberland children initially aged 11.5 years.	67
APPLETON D.R. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., ALLINSON M., ROBINSON C.J., APPLETON D.R. & EASTOE J.E. The importance of fortification of flour with calcium and the sources of Ca in the diet of 375 English adolescents.	193
APPLETON David R. <i>see</i> HACKETT Allan F., RUGG-GUNN Andrew J., APPLETON David R., ALLINSON Marion & EASTOE John E. Sugars-eating habits of 405 11- to 14-year-old English children.	347
BACH KNUDSEN K.E. <i>see</i> EGGUM B.O., BEAMES R.M., WOLSTRUP J. & BACH KNUDSEN K.E. The effect of protein quality and fibre level in the diet and microbial activity in the digestive tract on protein utilization and energy digestibility in rats.	305
BAILEY Clifford J. <i>see</i> FLATT Peter R. & BAILEY Clifford J. Dietary components and plasma insulin responses to fasting and refeeding in genetically obese hyperglycaemic (<i>ob/ob</i>) mice.	403
BARR H. Gillian & McCracken K.J. High efficiency of energy utilization in 'cafeteria'- and force-fed rats kept at 29°.	379
BARRY T.N. & DUNCAN S.J. The role of condensed tannins in the nutritional value of <i>Lotus pedunculatus</i> for sheep. 1. Voluntary intake.	485
BARRY T.N. & MANLEY T.R. The role of condensed tannins in the nutritional value of <i>Lotus pedunculatus</i> for sheep. 2. Quantitative digestion of carbohydrates and proteins.	493
BATTERHAM E.S., MURISON R.D. & ANDERSEN L.M. Availability of lysine in vegetable protein concentrates as determined by the slope-ratio assay with growing pigs and rats and by chemical techniques.	85
BEAMES R.M. <i>see</i> EGGUM B.O., BEAMES R.M., WOLSTRUP J. & BACH KNUDSEN K.E. The effect of protein quality and fibre level in the diet and microbial activity in the digestive tract on protein utilization and energy digestibility in rats.	305
BELL J.G. <i>see</i> COWEY C.B., DEGENER Elizabeth, TACon A.G.J., YOUNGSON A. & BELL J.G. The effect of vitamin E and oxidized fish oil on the nutrition of rainbow trout (<i>Salmo gairdneri</i>) grown at natural, varying water temperatures.	405
BENDER David A. & TOTOE Lena Inhibition of tryptophan metabolism by oestrogens in the rat: a factor in the aetiology of pellagra.	219
BEZWODA W.R. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMAN D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37
BLACKBURN N.A. <i>see</i> JARVIS H.A., BLACKBURN N.A., REDFERN J.S. & READ N.W. The effect of ispaghula (Fybogel and Metamucil) and guar gum on glucose tolerance in man.	371
BOTHWELL T.H. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMAN D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37

	PAGE
BRYDON William G. <i>see</i> MCLEAN ROSS Alasdair H., EASTWOOD Martin A., BRYDON William G., BUSUTTIL Anthony, MCKAY Linda F. & ANDERSON Douglas M.W. A study of the effects of dietary gum arabic in the rat.	47
BURR Michael L. & PHILLIPS Karin M. Anthropometric norms in the elderly.	165
BUSUTTIL Anthony <i>see</i> MCLEAN ROSS Alasdair H., EASTWOOD Martin A., BRYDON William G., BUSUTTIL Anthony, MCKAY Linda F. & ANDERSON Douglas M.W. A study of the effects of dietary gum arabic in the rat.	47
BUTTERFIELD Gail E. & CALLOWAY Doris H. Physical activity improves protein utilization in young men.	171
CALLOWAY Doris H. <i>see</i> BUTTERFIELD Gail E. & CALLOWAY Doris H. Physical activity improves protein utilization in young men.	171
CANT A.J. <i>see</i> HEPPELL L.M.J., CANT A.J. & KILSHAW P.J. Reduction in the antigenicity of whey proteins by heat treatment: a possible strategy for producing a hypoallergenic infant milk formula.	29
CHARLTON R.W. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMER D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37
CHRISTIANSEN Erling N. <i>see</i> THOMASSEN Magny S., RØRTVEIT Torill, CHRISTIANSEN Erling N. & NORUM Kaare R. Changes in the content of n-6 fatty acids in liver phospholipids in rats as a consequence of partially hydrogenated dietary oils.	315
COCKBURN J.E. & WILLIAMS A.P. The simultaneous estimation of the amounts of protozoal, bacterial and dietary nitrogen entering the duodenum of steers.	111
COLEMAN M.L. <i>see</i> JACKSON M.J., JONES D.A., EDWARDS R.H.T., SWAINBANK I.G. & COLEMAN M.L. Zinc homeostasis in man: studies using a new stable isotope-dilution technique.	199
COLOSO R.M. <i>see</i> WALTON M.J., COLOSO R.M., COWEY C.B., ADRON J.W. & KNOX D. The effects of dietary tryptophan levels on growth and metabolism of rainbow trout (<i>Salmo gairdneri</i>).	279
COWEY C.B. <i>see</i> WALTON M.J., COLOSO R.M., COWEY C.B., ADRON J.W. & KNOX D. The effects of dietary tryptophan levels on growth and metabolism of rainbow trout (<i>Salmo gairdneri</i>).	279
COWEY C.B., DEGENER Elizabeth, TACON A.G.J., YOUNGSON A. & BELL J.G. The effect of vitamin E and oxidized fish oil on the nutrition of rainbow trout (<i>Salmo gairdneri</i>) grown at natural, varying water temperatures.	443
CRAWFORD Michael A. <i>see</i> CUNNANE Stephen C., KEELING P.W. Napoleon, THOMPSON Richard P.H. & CRAWFORD Michael A. Linoleic acid and arachidonic acid metabolism in human peripheral blood leucocytes: comparison with the rat.	209
CUNNANE Stephen C., KEELING P.W. Napoleon, THOMPSON Richard P.H. & CRAWFORD Michael A. Linoleic acid and arachidonic acid metabolism in human peripheral blood leucocytes: comparison with the rat.	209
DEGENER Elizabeth <i>see</i> COWEY C.B., DEGENER Elizabeth, TACON A.G.J., YOUNGSON A. & BELL J.G. The effect of vitamin E and oxidized fish oil on the nutrition of rainbow trout (<i>Salmo gairdneri</i>) grown at natural, varying water temperatures.	443
DERMAN D.P. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMER D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37
DEWAR W.A. & DOWNIE J.N. The zinc requirements of broiler chicks and turkey poult fed on purified diets.	467
DHATT P.S. <i>see</i> MEHTA H.C., SAINI A.S., SINGH Harjit & DHATT P.S. Biochemical aspects of malabsorption in marasmus.	1
DOWNIE J.N. <i>see</i> DEWAR W.A. & DOWNIE J.N. The zinc requirements of broiler chicks and turkey poult fed on purified diets.	467
DUNCAN S.J. <i>see</i> BARRY T.N. & DUNCAN S.J. The role of condensed tannins in the nutritional value of <i>Lotus pedunculatus</i> for sheep. I. Voluntary intake.	485
EASTOE J.E. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., APPLETON D.R., EASTOE J.E. & JENKINS G.N. A 2-year longitudinal nutritional survey of 405 Northumberland children initially aged 11.5 years.	67
EASTOE J.E. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., ALLINSON M., ROBINSON C.J., APPLETON D.R. & EASTOE J.E. The importance of fortification of flour with calcium and the sources of Ca in the diet of 375 English adolescents.	193
EASTOE John E. <i>see</i> HACKETT Allan F., RUGG-GUNN Andrew J., APPLETON David R., ALLINSON Marion & EASTOE John E. Sugars-eating habits of 405 11- to 14-year-old English children.	347

EASTWOOD Martin A. <i>see</i> MCLEAN ROSS Alasdair H., EASTWOOD Martin A., BRYDON William G., BUSUTTIL Anthony, MCKAY Linda F. & ANDERSON Douglas M.W. A study of the effects of dietary gum arabic in the rat.	47
EDWARDS R.H.T. <i>see</i> JACKSON M.J., JONES D.A., EDWARDS R.H.T., SWAINBANK I.G. & COLEMAN M.L. Zinc homeostasis in man: studies using a new stable isotope-dilution technique.	199
EGGUM B.O., BEAMES R.M., WOLSTRUP J. & BACH KNUDSEN K.E. The effect of protein quality and fibre level in the diet and microbial activity in the digestive tract on protein utilization and energy digestibility in rats.	305
FAIRWEATHER-TAIT Susan J. & WRIGHT A.J.A. The influence of previous iron intake on the estimation of bioavailability of Fe from a test meal given to rats.	185
FLATT Peter R. & BAILEY Clifford J. Dietary components and plasma insulin responses to fasting and refeeding in genetically obese hyperglycaemic (<i>ob/ob</i>) mice.	403
FURUSE M. & YOKOTA H. Protein and energy utilization in germ-free and conventional chicks given diets containing different levels of dietary protein.	255
GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMAN D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37
GRIFFITHS T.W. Studies on the protein requirements of growing cattle. Effects of differing intakes of protein and energy on growth and nitrogen metabolism in young entire males.	133
HACKETT A.F., RUGG-GUNN A.J., APPLETON D.R., EASTOE J.E. & JENKINS G.N. A 2-year longitudinal nutritional survey of 405 Northumberland children initially aged 11.5 years.	67
HACKETT A.F., RUGG-GUNN A.J., ALLINSON M., ROBINSON C.J., APPLETON D.R. & EASTOE J.E. The importance of fortification of flour with calcium and the sources of Ca in the diet of 375 English adolescents.	193
HACKETT Allan F., RUGG-GUNN Andrew J., APPLETON David R., ALLINSON Marion & EASTOE John E. Sugars-eating habits of 405 11- to 14-year-old English children.	347
HALVORSEN Sverre <i>see</i> KINDT Elisabeth, MOTZFELDT Kristina, HALVORSEN Sverre & LIE Sverre O. Is phenylalanine requirement in infants and children related to protein intake?	435
HEPPELL L.M.J., CANT A.J. & KILSHAW P.J. Reduction in the antigenicity of whey proteins by heat treatment: a possible strategy for producing a hypoallergenic infant milk formula.	29
HOOPER A.C.B. The effect of dietary restriction on muscle fibre length in mice.	479
HOVE K. Effects of 1 α -hydroxylated metabolites of cholecalciferol on intestinal radiocalcium absorption in goats.	157
HOVE K. Intestinal radiocalcium absorption in the goat: measurement by a double isotope technique.	145
HULL David <i>see</i> SPENCER S. Andrew & HULL David The effect of over-feeding newborn rabbits on somatic and visceral growth, body composition and long-term growth potential.	389
JABŁOŃSKI E. & RAFALSKI H. The utilization of protein from a low-protein diet as determined by limiting essential amino acids.	235
JACKSON M.J., JONES D.A., EDWARDS R.H.T., SWAINBANK I.G. & COLEMAN M.L. Zinc homeostasis in man: studies using a new stable isotope-dilution technique.	199
JARIIS H.A., BLACKBURN N.A., REDFERN J.S. & READ N.W. The effect of ispaghula (Fybogel and Metamucil) and guar gum on glucose tolerance in man.	371
JENKINS G.N. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., APPLETON D.R., EASTOE J.E. & JENKINS G.N. A 2-year longitudinal nutritional survey of 405 Northumberland children initially aged 11.5 years.	67
JONES D.A. <i>see</i> JACKSON M.J., JONES D.A., EDWARDS R.H.T., SWAINBANK I.G. & COLEMAN M.L. Zinc homeostasis in man: studies using a new stable isotope-dilution technique.	199
JONES L.M. <i>see</i> TOMAS F.M., MURRAY A.J. & JONES L.M. Modification of glucocorticoid-induced changes in myofibrillar protein turnover in rats by protein and energy deficiency as assessed by urinary excretion of <i>N'</i> -methylhistidine.	323
KANAGASABAI Tazeen <i>see</i> WILLIAMS Christine M. & KANAGASABAI Tazeen Maternal adipose tissue response to nicotine administration in the pregnant rat: effects on fetal body fat and cellularity.	7
KEELING P.W. Napoleon <i>see</i> CUNNANE Stephen C., KEELING P.W. Napoleon, THOMPSON Richard P.H. & CRAWFORD Michael A. Linoleic acid and arachidonic acid metabolism in human peripheral blood leucocytes: comparison with the rat.	209
KELLAWAY R.C. <i>see</i> SRISKANDARAJAH N. & KELLAWAY R.C. Effects of alkali treatment of wheat straw on intake and microbial protein synthesis in cattle.	289

	PAGE
KELLEY Michael J. <i>see</i> THOMAS James N., KELLEY Michael J. & STORY Jon A. Alteration of regression of cholesterol accumulation in rats by dietary pectin.	339
KILSHAW P.J. <i>see</i> HEPPELL L.M.J., CANT A.J. & KILSHAW P.J. Reduction in the antigenicity of whey proteins by heat treatment: a possible strategy for producing a hypoallergenic infant milk formula.	29
KINDT Elisabeth, MOTZFELDT Kristina, HALVORSEN Sverre & LIE Sverre O. Is phenylalanine requirement in infants and children related to protein intake?	435
KNOX D. <i>see</i> WALTON M.J., COLOSO R.M., COWEY C.B., ADRON J.W. & KNOX D. The effects of dietary tryptophan levels on growth and metabolism of rainbow trout (<i>Salmo gairdneri</i>).	279
LIE Sverre O. <i>see</i> KINDT Elisabeth, MOTZFELDT Kristina, HALVORSEN Sverre & LIE Sverre O. Is phenylalanine requirement in infants and children related to protein intake?	435
LIVESEY Geoffrey The energy equivalents of ATP and the energy value of food proteins and fats.	15
MCALLAN A.B. & SMITH R.H. The efficiency of microbial protein synthesis in the rumen and the degradability of feed nitrogen between the mouth and abomasum in steers given different diets.	77
MCLEAN Ross Alasdair H., EASTWOOD Martin A., BRYDON William G., BUSUTTIL Anthony, MCKAY Linda F. & ANDERSON Douglas M.W. A study of the effects of dietary gum arabic in the rat.	47
MACPHAIL A.P. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMAN D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37
MANLEY T.R. <i>see</i> BARRY T.N. & MANLEY T.R. The role of condensed tannins in the nutritional value of <i>Lotus pedunculatus</i> for sheep. 2. Quantitative digestion of carbohydrates and proteins.	493
MARTY Josette & VERNAY Michele Absorption and metabolism of the volatile fatty acids in the hind-gut of the rabbit.	265
MATTACKS Christine A. <i>see</i> POND Caroline M., MATTACKS Christine A. & SADLER Dawn The effects of food restriction and exercise on site-specific differences in adipocyte volume and adipose tissue cellularity in the guinea-pig. 1. Superficial and intra-abdominal sites.	415
MATTACKS Christine A. <i>see</i> POND Caroline M., MATTACKS Christine A. & SADLER Dawn The effects of food restriction and exercise on site-specific differences in adipocyte volume and adipose tissue cellularity in the guinea-pig. 2. Intermuscular sites.	425
MAYET F. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMAN D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37
MCALLISTER A. <i>see</i> McCracken K.J. & McAllister A. Energy metabolism and body composition of young pigs given low-protein diets.	225
MCCRACKEN K.J. & MCALLISTER A. Energy metabolism and body composition of young pigs given low-protein diets.	225
MCCRACKEN K.J. <i>see</i> BARR H. Gillian & MCCRACKEN K.J. High efficiency of energy utilization in 'cafeteria'- and force-fed rats kept at 29°.	379
MCKAY Linda F. <i>see</i> MCLEAN ROSS Alasdair H., EASTWOOD Martin A., BRYDON William G., BUSUTTIL Anthony, MCKAY Linda F. & ANDERSON Douglas M.W. A study of the effects of dietary gum arabic in the rat.	47
MCNIVEN Mary A. The effect of body fatness on energetic efficiency and fasting heat production in adult sheep.	297
MEHTA H.C., SAINI A.S., SINGH Harjit & DHATT P.S. Biochemical aspects of malabsorption in marasmus.	1
MISTRY M. <i>see</i> SANDERS T.A.B., MISTRY M. & NAISMITH D.J. The influence of a maternal diet rich in linoleic acid on brain and retinal docosahexaenoic acid in the rat.	57
MOORE Robert J., REEVES Philip G. & VEUM Trygve L. Influence of dietary phosphorus and sulphaguanidine levels on P utilization in rats.	453
MORRALL P. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMAN D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37
MOTZFELDT Kristina <i>see</i> KINDT Elisabeth, MOTZFELDT Kristina, HALVORSEN Sverre & LIE Sverre O. Is phenylalanine requirement in infants and children related to protein intake?	435
MUELLER William H. <i>see</i> ADAIR Linda S., POLLITT Ernesto & MUELLER William H. The Bacon Chow study: effect of nutritional supplementation on maternal weight and skinfold thicknesses during pregnancy and lactation.	357

Index of Authors

553

PAGE

MURISON R.D. <i>see</i> BATTERHAM E.S., MURISON R.D. & ANDERSEN L.M.	Availability of lysine in vegetable protein concentrates as determined by the slope-ratio assay with growing pigs and rats and by chemical techniques.	85
MURRAY A.J. <i>see</i> TOMAS F.M., MURRAY A.J. & JONES L.M.	Modification of glucocorticoid-induced changes in myofibrillar protein turnover in rats by protein and energy deficiency as assessed by urinary excretion of <i>N</i> ⁷ -methylhistidine.	323
NAISMITH D.J. <i>see</i> SANDERS T.A.B., MISTRY M. & NAISMITH D.J.	The influence of a maternal diet rich in linoleic acid on brain and retinal docosahexaenoic acid in the rat.	57
NIR I. <i>see</i> NITSAN Z., NIR I. & PETIHI I.	The effect of meal-feeding and food restriction on body composition, food utilization and intestinal adaptation in light-breed chicks.	101
NITSAN Z., NIR I. & PETIHI I.	The effect of meal-feeding and food restriction on body composition, food utilization and intestinal adaptation in light-breed chicks.	101
NORUM Kaare R. <i>see</i> RASMUSSEN Magnhild, PETERSEN Lizette B. & NORUM Kaare R.	The activity of acyl CoA:retinol acyltransferase in the rat: variation with vitamin A status.	245
NORUM Kaare R. <i>see</i> THOMASSEN Magny S., RØRTVEIT Torill, CHRISTIANSEN Erling N. & NORUM Kaare R.	Changes in the content of <i>n</i> -6 fatty acids in liver phospholipids in rats as a consequence of partially hydrogenated dietary oils.	315
NOVELLI L. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMAN D.P., NOVELLI L., MORRALL P. & MAYET F.	Factors affecting the absorption of iron from cereals.	37
PARSONS Carl M.	Influence of caecectomy and source of dietary fibre or starch on excretion of endogenous amino acids by laying hens.	541
PETERSEN Lizette B. <i>see</i> RASMUSSEN Magnhild, PETERSEN Lizette B. & NORUM Kaare R.	The activity of acyl CoA:retinol acyltransferase in the rat: variation with vitamin A status.	245
PETIHI I. <i>see</i> NITSAN Z., NIR I. & PETIHI I.	The effect of meal-feeding and food restriction on body composition, food utilization and intestinal adaptation in light-breed chicks.	101
PHILLIPS Karin M. <i>see</i> BURR Michael L. & PHILLIPS Karin M.	Anthropometric norms in the elderly.	165
POLLITT Ernesto <i>see</i> ADAIR Linda S., POLLITT Ernesto & MUELLER William H.	The Bacon Chow study: effect of nutritional supplementation on maternal weight and skinfold thicknesses during pregnancy and lactation.	357
POND Caroline M., MATTACKS Christine A. & SADLER Dawn	The effects of food restriction and exercise on site-specific differences in adipocyte volume and adipose tissue cellularity in the guinea-pig. 1. Superficial and intra-abdominal sites.	415
POND Caroline M., MATTACKS Christine A. & SADLER Dawn	The effects of food restriction and exercise on site-specific differences in adipocyte volume and adipose tissue cellularity in the guinea-pig. 2. Intermuscular sites.	425
RØRTVEIT Torill <i>see</i> THOMASSEN Magny S., RØRTVEIT Torill, CHRISTIANSEN Erling N. & NORUM Kaare R.	Changes in the content of <i>n</i> -6 fatty acids in liver phospholipids in rats as a consequence of partially hydrogenated dietary oils.	315
RAFALSKI H. <i>see</i> JABŁOŃSKI E. & RAFALSKI H.	The utilization of protein from a low-protein diet as determined by limiting essential amino acids.	235
RASMUSSEN Magnhild, PETERSEN Lizette B. & NORUM Kaare R.	The activity of acyl CoA:retinol acyltransferase in the rat: variation with vitamin A status.	245
READ N.W. <i>see</i> JARJIS H.A., BLACKBURN N.A., REDFERN J.S. & READ N.W.	The effect of ispaghula (Fybogel and Metamucil) and guar gum on glucose tolerance in man.	371
REDFERN J.S. <i>see</i> JARJIS H.A., BLACKBURN N.A., REDFERN J.S. & READ N.W.	The effect of ispaghula (Fybogel and Metamucil) and guar gum on glucose tolerance in man.	371
REEVES Philip G. <i>see</i> MOORE Robert J., REEVES Philip G. & VEUM Trygve L.	Influence of dietary phosphorus and sulphaguanidine levels on P utilization in rats.	453
RERAT A.A., VAISSADE P. & VAUGELADE P.	Absorption kinetics of some carbohydrates in conscious pigs. 1. Qualitative aspects.	505
RERAT A.A., VAISSADE P. & VAUGELADE P.	Absorption kinetics of some carbohydrates in conscious pigs. 2. Quantitative aspects.	517
ROBINSON C.J. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., ALLINSON M., ROBINSON C.J., APPLETON D.R. & EASTOE J.E.	The importance of fortification of flour with calcium and the sources of Ca in the diet of 375 English adolescents.	193

	PAGE
RUGG-GUNN A.J. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., APPLETON D.R., EASTOE J.E. & JENKINS G.N. A 2-year longitudinal nutritional survey of 405 Northumberland children initially aged 11.5 years.	67
RUGG-GUNN A.J. <i>see</i> HACKETT A.F., RUGG-GUNN A.J., ALLINSON M., ROBINSON C.J., APPLETON D.R. & EASTOE J.E. The importance of fortification of flour with calcium and the sources of Ca in the diet of 375 English adolescents.	193
RUGG-GUNN Andrew J. <i>see</i> HACKETT Allan F., RUGG-GUNN Andrew J., APPLETON David R., ALLINSON Marion & EASTOE John E. Sugars-eating habits of 405 11- to 14-year-old English children.	347
SADLER Dawn <i>see</i> POND Caroline M., MATTACKS Christine A. & SADLER Dawn The effects of food restriction and exercise on site-specific differences in adipocyte volume and adipose tissue cellularity in the guinea-pig. 1. Superficial and intra-abdominal sites.	415
SADLER Dawn <i>see</i> POND Caroline M., MATTACKS Christine A. & SADLER Dawn The effects of food restriction and exercise on site-specific differences in adipocyte volume and adipose tissue cellularity in the guinea-pig. 2. Intermuscular sites.	425
SAINI A.S. <i>see</i> MEHTA H.C., SAINI A.S., SINGH Harjit & DHATT P.S. Biochemical aspects of malabsorption in marasmus.	1
SALTER D.N. & SMITH R.H. Protein utilization in the young steer: digestion and nitrogen retention of ¹⁵ N-labelled rumen bacterial protein.	531
SANDERS T.A.B., MISTRY M. & NAISMITH D.J. The influence of a maternal diet rich in linoleic acid on brain and retinal docosahexaenoic acid in the rat.	57
SINGH Harjit <i>see</i> MEHTA H.C., SAINI A.S., SINGH Harjit & DHATT P.S. Biochemical aspects of malabsorption in marasmus.	1
SMITH R.H. <i>see</i> MCALLAN A.B. & SMITH R.H. The efficiency of microbial protein synthesis in the rumen and the degradability of feed nitrogen between the mouth and abomasum in steers given different diets.	77
SMITH R.H. <i>see</i> SALTER D.N. & SMITH R.H. Protein utilization in the young steer: digestion and nitrogen retention of ¹⁵ N-labelled rumen bacterial protein.	531
SPENCER S. Andrew & HULL David The effect of over-feeding newborn rabbits on somatic and visceral growth, body composition and long-term growth potential.	389
SRISKANDARAJAH N. & KELLAWAY R.C. Effects of alkali treatment of wheat straw on intake and microbial protein synthesis in cattle.	289
STORY Jon A. <i>see</i> THOMAS James N., KELLEY Michael J. & STORY Jon A. Alteration of regression of cholesterol accumulation in rats by dietary pectin.	339
SWAINBANK I.G. <i>see</i> JACKSON M.J., JONES D.A., EDWARDS R.H.T., SWAINBANK I.G. & COLEMAN M.L. Zinc homeostasis in man: studies using a new stable isotope-dilution technique.	199
TACON A.G.J. <i>see</i> COWEY C.B., DEGENER Elizabeth, TACON A.G.J., YOUNGSON A. & BELL J.G. The effect of vitamin E and oxidized fish oil on the nutrition of rainbow trout (<i>Salmo gairdneri</i>) grown at natural, varying water temperatures.	443
THOMAS James N., KELLEY Michael J. & STORY Jon A. Alteration of regression of cholesterol accumulation in rats by dietary pectin.	339
THOMASSEN Magny S., RØRTVEIT Torill, CHRISTIANSEN Erling N. & NORUM Kaare R. Changes in the content of n-6 fatty acids in liver phospholipids in rats as a consequence of partially hydrogenated dietary oils.	315
THOMPSON Richard P.H. <i>see</i> CUNNANE Stephen C., KEELING P.W. Napoleon, THOMPSON Richard P.H. & CRAWFORD Michael A. Linoleic acid and arachidonic acid metabolism in human peripheral blood leucocytes: comparison with the rat.	209
TOMAS F.M., MURRAY A.J. & JONES L.M. Modification of glucocorticoid-induced changes in myofibrillar protein turnover in rats by protein and energy deficiency as assessed by urinary excretion of N ⁷ -methylhistidine.	323
TORRANCE J.D. <i>see</i> GILLOOLY M., BOTHWELL T.H., CHARLTON R.W., TORRANCE J.D., BEZWODA W.R., MACPHAIL A.P., DERMAN D.P., NOVELLI L., MORRALL P. & MAYET F. Factors affecting the absorption of iron from cereals.	37
TOTOE Lena <i>see</i> BENDER David A. & TOTOE Lena Inhibition of tryptophan metabolism by oestrogens in the rat: a factor in the aetiology of peilagra.	219
VAISSADE P. <i>see</i> RERAT A.A., VAISSADE P. & VAUGELADE P. Absorption kinetics of some carbohydrates in conscious pigs. 1. Qualitative aspects.	505
VAISSADE P. <i>see</i> RERAT A.A., VAISSADE P. & VAUGELADE P. Absorption kinetics of some carbohydrates in conscious pigs. 2. Quantitative aspects.	517

Index of Authors

555

	PAGE
VAUGELADE P. <i>see</i> RERAT A.A., VAISSADE P. & VAUGELADE P.	505
Absorption kinetics of some carbohydrates in conscious pigs. 1. Qualitative aspects.	
VAUGELADE P. <i>see</i> RERAT A.A., VAISSADE P. & VAUGELADE P.	517
Absorption kinetics of some carbohydrates in conscious pigs. 2. Quantitative aspects.	
VERNAY Michele <i>see</i> MARTY Josette & VERNAY Michele	
Absorption and metabolism of the volatile fatty acids in the hind-gut of the rabbit.	265
VEUM Trygve L. <i>see</i> MOORE Robert J., REEVES Philip G. & VEUM Trygve L.	
Influence of dietary phosphorus and sulphaguanidine levels on P utilization in rats.	453
WALTON M.J., COLOSO R.M., COWEY C.B., ADRON J.W. & KNOX D.	
The effects of dietary tryptophan levels on growth and metabolism of rainbow trout (<i>Salmo gairdneri</i>).	279
WILLIAMS A.P. <i>see</i> COCKBURN J.E. & WILLIAMS A.P.	
The simultaneous estimation of the amounts of protozoal, bacterial and dietary nitrogen entering the duodenum of steers.	111
WILLIAMS Christine M. & KANAGASABAI Tazeen	
Maternal adipose tissue response to nicotine administration in the pregnant rat: effects on fetal body fat and cellularity.	7
WOLSTRUP J. <i>see</i> EGGUM B.O., BEAMES R.M., WOLSTRUP J. & BACH KNUDSEN K.E.	
The effect of protein quality and fibre level in the diet and microbial activity in the digestive tract on protein utilization and energy digestibility in rats.	305
WRIGHT A.J.A. <i>see</i> FAIRWEATHER-TAIT Susan J. & WRIGHT A.J.A.	
The influence of previous iron intake on the estimation of bioavailability of Fe from a test meal given to rats.	185
YOKOTA H. <i>see</i> FURUSE M. & YOKOTA H.	
Protein and energy utilization in germ-free and conventional chicks given diets containing different levels of dietary protein.	255
YOUNGSON A. <i>see</i> COWEY C.B., DEGENER Elizabeth, TACON A.G.J., YOUNGSON A. & BELL J.G.	
The effect of vitamin E and oxidized fish oil on the nutrition of rainbow trout (<i>Salmo gairdneri</i>) grown at natural, varying water temperatures.	443