

Index of Authors

AHARONI Yoav, TAGARI Haim & BOSTON R. C. A new approach to the quantitative estimation of nitrogen metabolic pathways in the rumen.	407
ANDERSON J., CAPPER B.S. & BROMAGE N.R. Measurement and prediction of digestible energy values in feedstuffs for the herbivorous fish tilapia (<i>Oreochromis niloticus</i> Linn.).	37
ARORA S.P. <i>see</i> PRASAD T. & ARORA S.P. Influence of different sources of injected selenium on certain enzymes, glutathione and adenosylmethionine concentration in buffalo (<i>Bubalus bubalis</i>) calves.	261
ASPILA Pentti <i>see</i> EKHOLM Päivi, VARO Pertti, ASPILA Pentti, KOIVISTOINEN Pekka & SYRJÄLÄ-QVIST Liisa Transport of feed selenium to different tissues of bulls.	49
BACH KNUDSEN K.E. <i>see</i> HANSEN Inge, LARSEN T., BACH KNUDSEN K.E. & EGGUM B.O. Nutrient digestibilities in ingredients fed alone or in combinations.	27
BARACOS V.E., BRUN-BELLUT J. & MARIE M. Tissue protein synthesis in lactating and dry goats.	451
BARBARI A. <i>see</i> PAHL M.Z., BARBARI A., VAZIRI N.D., HOLLANDER D., YAZDANI M., TRAN J. & KAN R. Intestinal absorption of linoleic acid in experimental renal failure.	467
BARDOCZ S. <i>see</i> RUBIO L.A., GRANT G., BARDOCZ S., DEWEY P. & PUSZTAI A. Nutritional response of growing rats to faba beans (<i>Vicia faba</i> L., minor) and faba bean fractions.	533
BECKER Wulf & KUMPULAINEN Jorma Contents of essential and toxic mineral elements in Swedish market-basket diets in 1987.	151
BEEVER D.E. <i>see</i> DAWSON J.M., BUTTERY P.J., LAMMIMAN M.J., SOAR J.B., ESSEX C.P., GILL M. & BEEVER D.E. Nutritional and endocrinological manipulation of lean deposition in forage-fed steers.	171
BEHLING A.R. <i>see</i> KAUP S.M., BEHLING A.R. & GREGER J.L. Sodium, potassium and chloride utilization by rats given various inorganic anions.	523
BELLEVILLE Jacques <i>see</i> BERTRAND Véronique & BELLEVILLE Jacques Effect of refeeding diets containing cottonseed flour with traces of gossypol on rat liver and testis.	269
BERTRAND Véronique & BELLEVILLE Jacques Effect of refeeding diets containing cottonseed flour with traces of gossypol on rat liver and testis.	269
BOSTON R. C. <i>see</i> AHARONI Yoav, TAGARI Haim & BOSTON R. C. A new approach to the quantitative estimation of nitrogen metabolic pathways in the rumen.	407
BOWN M.D., POPPI D.P. & SYKES A.R. Nitrogen transactions along the digestive tract of lambs concurrently infected with <i>Trichostrongylus colubriformis</i> and <i>Ostertagia circumcincta</i> .	237
BROMAGE N.R. <i>see</i> ANDERSON J., CAPPER B.S. & BROMAGE N.R. Measurement and prediction of digestible energy values in feedstuffs for the herbivorous fish tilapia (<i>Oreochromis niloticus</i> Linn.).	37
BRUN-BELLUT J. <i>see</i> BARACOS V.E., BRUN-BELLUT J. & MARIE M. Tissue protein synthesis in lactating and dry goats.	451
BUTTERY P.J. <i>see</i> DAWSON J.M., BUTTERY P.J., LAMMIMAN M.J., SOAR J.B., ESSEX C.P., GILL M. & BEEVER D.E. Nutritional and endocrinological manipulation of lean deposition in forage-fed steers.	171
CAPPER B.S. <i>see</i> ANDERSON J., CAPPER B.S. & BROMAGE N.R. Measurement and prediction of digestible energy values in feedstuffs for the herbivorous fish tilapia (<i>Oreochromis niloticus</i> Linn.).	37
CLAUSEN T. <i>see</i> DØRUP I. & CLAUSEN T. Effects of magnesium and zinc deficiencies on growth and protein synthesis in skeletal muscle and the heart.	493
CLAUSEN T. <i>see</i> DØRUP I., FLYVBERG A., EVERETT M.E. & CLAUSEN T. Role of insulin-like growth factor-1 and growth hormone in growth inhibition induced by magnesium and zinc deficiencies.	505
CLEARY Margot P. <i>see</i> MOHAN Pamarthi F., PHILLIPS Frederick C. & CLEARY Margot P. Metabolic effects of coconut, safflower, or menhaden oil feeding in lean and obese Zucker rats.	285
CORTAMIRA O., SEVE B., LEBRETON Y. & GANIER P. Effect of dietary tryptophan on muscle, liver and whole-body protein synthesis in weaned piglets: relationship to plasma insulin.	423
CREWS Helen M. <i>see</i> FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John, CREWS Helen M. & MASSEY Robert Apparent zinc absorption by rats from foods labelled intrinsically and extrinsically with ^{67}Zn .	65
CRONIÉ P.B., NOLAN J.V. & LENG R.A. Acetate clearance rate as a potential index of the availability of glucogenic precursors in ruminants fed on roughage-based diets.	301

- DAWoud F.M. *see* ELLIS P.R., DAWoud F.M. & MORRIS E.R. Blood glucose, plasma insulin and sensory responses to guar-containing wheat breads: effects of molecular weight and particle size of guar gum. 363
- DAWSON J.M., BUTTERY P.J., LAMMIMAN M.J., SOAR J.B., ESSEX C.P., GILL M. & BEEVER D.E. Nutritional and endocrinological manipulation of lean deposition in forage-fed steers. 171
- DAWSON Lindsay D. *see* MATHERS J.C. & DAWSON Lindsay D. Large bowel fermentation in rats eating processed potatoes. 313
- DE JONG J. *see* SCHUTTE J.B., DE JONG J. & POLZIEHN R. Nutritional implications of D-xylose in pigs. 83
- DEWEY P. *see* RUBIO L.A., GRANT G., BARDOCZ S., DEWEY P. & PUSZTAI A. Nutritional response of growing rats to faba beans (*Vicia faba* L., minor) and faba bean fractions. 533
- DHANOA M.S. *see* GASA J., HOLTENIUS K.J., SUTTON J.D., DHANOA M.S. & NAPPER D.J. Rumen fill and digesta kinetics in lactating Friesian cows given two levels of concentrates with two types of grass silage *ad lib.* 381
- DØRUP I. & CLAUSEN T. Effects of magnesium and zinc deficiencies on growth and protein synthesis in skeletal muscle and the heart. 493
- DØRUP I., FLYVBERG A., EVERTS M.E. & CLAUSEN T. Role of insulin-like growth factor-I and growth hormone in growth inhibition induced by magnesium and zinc deficiencies. 505
- EAGLES John *see* FOX Thomas E., FAIRWEATHER-TAIT Susan J., EAGLES John & WHARF S. Gabrielle Intrinsic labelling of different foods with stable isotope of zinc (^{67}Zn) for use in bioavailability studies. 57
- EAGLES John *see* FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John, CREWS Helen M. & MASSEY Robert Apparent zinc absorption by rats from foods labelled intrinsically and extrinsically with ^{67}Zn . 65
- EARLE K.E. & SMITH P.M. The effect of dietary taurine content on the plasma taurine concentration of the cat. 227
- EGGUM B.O. *see* HANSEN Inge, LARSEN T., BACH KNUDSEN K.E. & EGGUM B.O. Nutrient digestibilities in ingredients fed alone or in combinations. 27
- EKHOLM Päivi, VARO Pertti, ASPILA Pentti, KOIVISTOINEN Pekka & SYRJÄLÄ-QVIST Liisa Transport of feed selenium to different tissues of bulls. 49
- ELLIS P.R., DAWoud F.M. & MORRIS E.R. Blood glucose, plasma insulin and sensory responses to guar-containing wheat breads: effects of molecular weight and particle size of guar gum. 363
- ESSEX C.P. *see* DAWSON J.M., BUTTERY P.J., LAMMIMAN M.J., SOAR J.B., ESSEX C.P., GILL M. & BEEVER D.E. Nutritional and endocrinological manipulation of lean deposition in forage-fed steers. 171
- EVERTS M.E. *see* DØRUP I., FLYVBERG A., EVERTS M.E. & CLAUSEN T. Role of insulin-like growth factor-I and growth hormone in growth inhibition induced by magnesium and zinc deficiencies. 505
- FAIRWEATHER-TAIT Susan J. *see* FOX Thomas E., FAIRWEATHER-TAIT Susan J., EAGLES John & WHARF S. Gabrielle Intrinsic labelling of different foods with stable isotope of zinc (^{67}Zn) for use in bioavailability studies. 57
- FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John, CREWS Helen M. & MASSEY Robert Apparent zinc absorption by rats from foods labelled intrinsically and extrinsically with ^{67}Zn . 65
- FLATT P.R. *see* PONTER A.A., SALTER D.N., MORGAN L.M. & FLATT P.R. The effect of energy source and feeding level on the hormones of the enterico-insular axis and plasma glucose in the growing pig. 187
- FLYNN A. *see* SHORTT C. & FLYNN A. Effect of dietary lactose on salt-mediated changes in mineral metabolism and bone composition in the rat. 73
- FLYVBERG A. *see* DØRUP I., FLYVBERG A., EVERTS M.E. & CLAUSEN T. Role of insulin-like growth factor-I and growth hormone in growth inhibition induced by magnesium and zinc deficiencies. 505
- FOX Thomas E., FAIRWEATHER-TAIT Susan J., EAGLES John & WHARF S. Gabrielle Intrinsic labelling of different foods with stable isotope of zinc (^{67}Zn) for use in bioavailability studies. 57
- FOX Thomas E. *see* FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John, CREWS Helen M. & MASSEY Robert Apparent zinc absorption by rats from foods labelled intrinsically and extrinsically with ^{67}Zn . 65
- GANIER P. *see* CORTAMIRA O., SEVE B., LEBRETON Y. & GANIER P. Effect of dietary tryptophan on muscle, liver and whole-body protein synthesis in weaned piglets: relationship to plasma insulin. 423
- GASA J., HOLTENIUS K.J., SUTTON J.D., DHANOA M.S. & NAPPER D.J. Rumen fill and digesta kinetics in lactating Friesian cows given two levels of concentrates with two types of grass silage *ad lib.* 381
- GIBNEY M.J. *see* MOHAMMED A., GIBNEY M.J. & TAYLOR T.G. The effects of dietary levels of inorganic phosphorus, calcium and cholecalciferol on the digestibility of phytate-P by the chick. 251

Index of Authors

545

GILL M. <i>see</i> DAWSON J.M., BUTTERY P.J., LAMMIMAN M.J., SOAR J.B., ESSEX C.P., GILL M. & BEEVER D.E.	
Nutritional and endocrinological manipulation of lean deposition in forage-fed steers.	171
GRANT G. <i>see</i> RUBIO L.A., GRANT G., BARDOCZ S., DEWEY P. & PUSZTAI A.	
Nutritional response of growing rats to faba beans (<i>Vicia faba</i> L. minor) and faba bean fractions.	533
GREGER J.L. <i>see</i> KAUP S.M., BEHLING A.R. & GREGER J.L.	
Sodium, potassium and chloride utilization by rats given various inorganic anions.	523
GUTZWILLER Andreas <i>see</i> STOLL Peter, GUTZWILLER Andreas, JOST Martin, SCHNEEBERGER Heiner, SIEBER Robert, STAHELIN Hannes B., STEFFEN Christian & RITZEL Guenther	
Short-term effect of whole milk and milk fermented by <i>Pseudomonas fluorescens</i> on plasma lipids in adult boars.	129
HANSEN Inge, LARSEN T., BACH KNUDSEN K.E. & EGGUM B.O.	
Nutrient digestibilities in ingredients fed alone or in combinations.	27
HAREL Ayalah <i>see</i> MADAR Zecharia & HAREL Ayalah	
Does the glycogen synthase (EC 2.4.1.21) of brown adipose tissue play a regulatory role in glucose homeostasis?	95
HERVEY G.R. <i>see</i> WOODWARD C.J.H., HERVEY G.R., OAKLEY R.E. & WHITAKER E.M.	
The effects of fasting on plasma corticosterone kinetics in rats.	117
HOLLANDER D. <i>see</i> PAHL M.Z., BARBARI A., VAZIRI N.D., HOLLANDER D., YAZDANI M., TRAN J. & KAN R.	
Intestinal absorption of linoleic acid in experimental renal failure.	467
HOLTENIUS K.J. <i>see</i> GASA J., HOLTENIUS K.J., SUTTON J.D., DHANOA M.S. & NAPPER D.J.	
Rumen fill and digesta kinetics in lactating Friesian cows given two levels of concentrates with two types of grass silage <i>ad lib.</i>	381
JOST Martin <i>see</i> STOLL Peter, GUTZWILLER Andreas, JOST Martin, SCHNEEBERGER Heiner, SIEBER Robert, STAHELIN Hannes B., STEFFEN Christian & RITZEL Guenther	
Short-term effect of whole milk and milk fermented by <i>Pseudomonas fluorescens</i> on plasma lipids in adult boars.	129
JUN W. <i>see</i> SIDE X., MINTANG S., SHUQUAN Z., ZHAOMEI M., YINZHI X., YUJUN L., JUN W. & KUI J.	
Anthropometric and dietary survey of the elderly Chinese.	355
KAJITA Y. <i>see</i> KATOH K., KAJITA Y., ODASHIMA M., OHTA M. & SASAKI Y.	
Passage and digestibility of lucerne hay in Japanese sika deer (<i>Cervus nippon</i>) and sheep under restricted feeding.	399
KAMALU Beryl P.	
Digestibility of a nutritionally-balanced cassava (<i>Manihot esculenta</i> Crantz) diet and its effect on growth in young male dogs.	199
KAN R. <i>see</i> PAHL M.Z., BARBARI A., VAZIRI N.D., HOLLANDER D., YAZDANI M., TRAN J. & KAN R.	
Intestinal absorption of linoleic acid in experimental renal failure.	467
KATO Hisanori <i>see</i> UMEZAWA Tsutomu, OHSawa Yukiko, MIURA Yutaka, KATO Hisanori & NOGUCHI Tadashi	
Effect of protein deprivation on insulin-like growth factor-binding proteins in rats.	105
KATOH K., KAJITA Y., ODASHIMA M., OHTA M. & SASAKI Y.	
Passage and digestibility of lucerne hay in Japanese sika deer (<i>Cervus nippon</i>) and sheep under restricted feeding.	399
KAUP S.M., BEHLING A.R. & GREGER J.L.	
Sodium, potassium and chloride utilization by rats given various inorganic anions.	523
KHALLOU J., RIOTTOT M., PARQUET M., VERNEAU C. & LUTTON C.	
Biodynamics of cholesterol and bile acids in the lithiasic hamster.	479
KOIVISTOINEN Pekka <i>see</i> EKHOLM Päivi, VARO Pertti, ASPILA Pentti, KOIVISTOINEN Pekka & SYRJÄLÄ-QVIST Liisa	
Transport of feed selenium to different tissues of bulls.	49
KOK Frans J. <i>see</i> VAN POPPEL Geert, SCHNEIDER Petra, LÖWIK Michiel R.H., SCHRIJVER Jaap & KOK Frans J.	
Nutritional status and food consumption in 10–11 year old Dutch boys (Dutch Nutrition Surveillance System).	161
KUI J. <i>see</i> SIDE X., MINTANG S., SHUQUAN Z., ZHAOMEI M., YINZHI X., YUJUN L., JUN W. & KUI J.	
Anthropometric and dietary survey of the elderly Chinese.	355
KUMPULAINEN Jorma <i>see</i> BECKER Wulf & KUMPULAINEN Jorma	
Contents of essential and toxic mineral elements in Swedish market-basket diets in 1987.	151
LAMMIMAN M.J. <i>see</i> DAWSON J.M., BUTTERY P.J., LAMMIMAN M.J., SOAR J.B., ESSEX C.P., GILL M. & BEEVER D.E.	
Nutritional and endocrinological manipulation of lean deposition in forage-fed steers.	171
LARSEN T. <i>see</i> HANSEN Inge, LARSEN T., BACH KNUDSEN K.E. & EGGUM B.O.	
Nutrient digestibilities in ingredients fed alone or in combinations.	27
LEBRETON Y. <i>see</i> CORTAMIRA O., SEVE B., LEBRETON Y. & GANIER P.	
Effect of dietary tryptophan on muscle, liver and whole-body protein synthesis in weaned piglets: relationship to plasma insulin.	423
LENG R.A. <i>see</i> CRONJÉ P.B., NOLAN J.V. & LENG R.A.	
Acetate clearance rate as a potential index of the availability of glucogenic precursors in ruminants fed on roughage-based diets.	301

- LENG-PESCHLOW Elke *Plantago ovata* seeds as dietary fibre supplement: physiological and metabolic effects in rats. 331
- LONGSTAFF M.A. & McNAB J.M. The effect of concentration of tannin-rich bean hulls (*Vicia faba* L.) on activities of lipase (EC 3.1.1.3) and α -amylase (EC 3.2.1.1) in digesta and pancreas and on the digestion of lipid and starch by young chicks. 139
- LÖWIK Michiel R.H. see VAN POPPEL Geert, SCHNEIJDER Petra, LÖWIK Michiel R.H., SCHRIVER Jaap & KOK Frans J. Nutritional status and food consumption in 10–11 year old Dutch boys (Dutch Nutrition Surveillance System). 161
- LUTTON C. see KHALLOU J., RIOTTOT M., PARQUET M., VERNEAU C. & LUTTON C. Biodynamics of cholesterol and bile acids in the lithiasic hamster. 479
- MCNAB J.M. see LONGSTAFF M.A. & McNAB J.M. The effect of concentration of tannin-rich bean hulls (*Vicia faba* L.) on activities of lipase (EC 3.1.1.3) and α -amylase (EC 3.2.1.1) in digesta and pancreas and on the digestion of lipid and starch by young chicks. 139
- MADAR Zecharia & HAREL Ayalah Does the glycogen synthase (EC 2.4.1.21) of brown adipose tissue play a regulatory role in glucose homeostasis? 95
- MARIE M. see BARACOS V.E., BRUN-BELLUT J. & MARIE M. Tissue protein synthesis in lactating and dry goats. 451
- MASSEY Robert see FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John, CREWS Helen M. & MASSEY Robert Apparent zinc absorption by rats from foods labelled intrinsically and extrinsically with ^{67}Zn . 65
- MATHERS J.C. & DAWSON Lindsay D. Large bowel fermentation in rats eating processed potatoes. 313
- MILNE J.S. see WHITELAW F.G., MILNE J.S. & WRIGHT Shelley A. Urease (EC 3.5.1.5) inhibition in the sheep rumen and its effect on urea and nitrogen metabolism. 209
- MINTANG S. see SIDE X., MINTANG S., SHUQUAN Z., ZHAOMEI M., YINZHI X., YUJUN L., JUN W. & KUI J. Anthropometric and dietary survey of the elderly Chinese. 355
- MIURA Yutaka see UMEZAWA Tsutomu, OHSAWA Yukiko, MIURA Yutaka, KATO Hisanori & NOGUCHI Tadashi Effect of protein deprivation on insulin-like growth factor-binding proteins in rats. 105
- MOHAMMED A., GIBNEY M.J. & TAYLOR T.G. The effects of dietary levels of inorganic phosphorus, calcium and cholecalciferol on the digestibility of phytate-P by the chick. 251
- MOHAN Pamarthi F., PHILLIPS Frederick C. & CLEARY Margot P. Metabolic effects of coconut, safflower, or menhaden oil feeding in lean and obese Zucker rats. 285
- MORGAN L.M. see PONTER A.A., SALTER D.N., MORGAN L.M. & FLATT P.R. The effect of energy source and feeding level on the hormones of the entero-insular axis and plasma glucose in the growing pig. 187
- MORRIS E.R. see ELLIS P.R., DAWOOD F.M. & MORRIS E.R. Blood glucose, plasma insulin and sensory responses to guar-containing wheat breads: effects of molecular weight and particle size of guar gum. 363
- MUSKIET F.A.J. see VAN DER SCHOOT P., ZEEGERS T.A., MUSKIET F.A.J. & SLAPPENDEL E.J. Reduction of the intake of food and water is responsible for reduction of litter growth when dams are treated with a progesterone antagonist. 17
- NAPPER D.J. see GASA J., HOLTENIUS K.J., SUTTON J.D., DHANOA M.S. & NAPPER D.J. Rumen fill and digesta kinetics in lactating Friesian cows given two levels of concentrates with two types of grass silage *ad lib.* 381
- NELSON M. see O'DONNELL M.G., NELSON M., WISE P.H. & WALKER D.M. A computerized diet questionnaire for use in diet health education. 1. Development and validation. 3
- NOGUCHI Tadashi see UMEZAWA Tsutomu, OHSAWA Yukiko, MIURA Yutaka, KATO Hisanori & NOGUCHI Tadashi Effect of protein deprivation on insulin-like growth factor-binding proteins in rats. 105
- NOLAN J.V. see CRONJÉ P.B., NOLAN J.V. & LENG R.A. Acetate clearance rate as a potential index of the availability of glucogenic precursors in ruminants fed on roughage-based diets. 301
- OAKLEY R.E. see WOODWARD C.J.H., HERVEY G.R., OAKLEY R.E. & WHITAKER E.M. The effects of fasting on plasma corticosterone kinetics in rats. 117
- ODASHIMA M. see KATO K., KAJITA Y., ODASHIMA M., OHTA M. & SASAKI Y. Passage and digestibility of lucerne hay in Japanese sika deer (*Cervus nippon*) and sheep under restricted feeding. 399
- O'DONNELL M.G., NELSON M., WISE P.H. & WALKER D.M. A computerized diet questionnaire for use in diet health education. 1. Development and validation. 3
- OHSAWA Yukiko see UMEZAWA Tsutomu, OHSAWA Yukiko, MIURA Yutaka, KATO Hisanori & NOGUCHI Tadashi Effect of protein deprivation on insulin-like growth factor-binding proteins in rats. 105
- OHTA M. see KATO K., KAJITA Y., ODASHIMA M., OHTA M. & SASAKI Y. Passage and digestibility of lucerne hay in Japanese sika deer (*Cervus nippon*) and sheep under restricted feeding. 399

Index of Authors

547

- PAHL M.Z., BARBARI A., VAZIRI N.D., HOLLANDER D., YAZDANI M., TRAN J. & KAN R. Intestinal absorption of linoleic acid in experimental renal failure. 467
- PARQUET M. *see* KHALLOU J., RIOTTOT M., PARQUET M., VERNEAU C. & LUTTON C. Biodynamics of cholesterol and bile acids in the lithiasic hamster. 479
- PHILLIPS Frederick C. *see* MOHAN Pamarthi F., PHILLIPS Frederick C. & CLEARY Margot P. Metabolic effects of coconut, safflower, or menhaden oil feeding in lean and obese Zucker rats. 285
- POLZIEHN R. *see* SCHUTTE J.B., DE JONG J. & POLZIEHN R. Nutritional implications of D-xylose in pigs. 83
- PONTER A.A., SALTER D.N., MORGAN L.M. & FLATT P.R. The effect of energy source and feeding level on the hormones of the entero-insular axis and plasma glucose in the growing pig. 187
- POPPY D.P. *see* BOWN M.D., POPPY D.P. & SYKES A.R. Nitrogen transactions along the digestive tract of lambs concurrently infected with *Trichostrongylus colubriformis* and *Ostertagia circumcincta*. 237
- PRASAD T. & ARORA S.P. Influence of different sources of injected selenium on certain enzymes, glutathione and adenosylmethionine concentration in buffalo (*Bubalus bubalis*) calves. 261
- PUSZTAI A. *see* RUBIO L.A., GRANT G., BARDOCZ S., DEWEY P. & PUSZTAI A. Nutritional response of growing rats to faba beans (*Vicia faba* L., minor) and faba bean fractions. 533
- REYNOLDS C.K. & TYRELL H.F. Effects on mesenteric vein L-alanine infusion on liver metabolism in beef heifers fed on diets differing in forage:concentrate ratio. 437
- RIOTTOT M. *see* KHALLOU J., RIOTTOT M., PARQUET M., VERNEAU C. & LUTTON C. Biodynamics of cholesterol and bile acids in the lithiasic hamster. 479
- RITZEL Guenther *see* STOLL Peter, GUTZWILLER Andreas, JOST Martin, SCHNEEBERGER Heiner, SIEBER Robert, STAHELIN Hannes B., STEFFEN Christian & RITZEL Guenther Short-term effect of whole milk and milk fermented by *Pseudomonas fluorescens* on plasma lipids in adult boars. 129
- RUBIO L.A., GRANT G., BARDOCZ S., DEWEY P. & PUSZTAI A. Nutritional response of growing rats to faba beans (*Vicia faba* L., minor) and faba bean fractions. 533
- SALTER D.N. *see* PONTER A.A., SALTER D.N., MORGAN L.M. & FLATT P.R. The effect of energy source and feeding level on the hormones of the entero-insular axis and plasma glucose in the growing pig. 187
- SASAKI Y. *see* KATOH K., KAJITA Y., ODASHIMA M., OHTA M. & SASAKI Y. Passage and digestibility of lucerne hay in Japanese sika deer (*Cervus nippon*) and sheep under restricted feeding. 399
- SCHNEEBERGER Heiner *see* STOLL Peter, GUTZWILLER Andreas, JOST Martin, SCHNEEBERGER Heiner, SIEBER Robert, STAHELIN Hannes B., STEFFEN Christian & RITZEL Guenther Short-term effect of whole milk and milk fermented by *Pseudomonas fluorescens* on plasma lipids in adult boars. 129
- SCHNEIJDER Petra *see* VAN POPPEL Geert, SCHNEIJDER Petra, LÖWIK Michiel R.H., SCHRIJVER Jaap & KOK Frans J. Nutritional status and food consumption in 10–11 year old Dutch boys (Dutch Nutrition Surveillance System). 161
- SCHRIJVER Jaap *see* VAN POPPEL Geert, SCHNEIJDER Petra, LÖWIK Michiel R.H., SCHRIJVER Jaap & KOK Frans J. Nutritional status and food consumption in 10–11 year old Dutch boys (Dutch Nutrition Surveillance System). 161
- SCHUTTE J.B., DE JONG J. & POLZIEHN R. Nutritional implications of D-xylose in pigs. 83
- SEVE B. *see* CORTAMIRA O., SEVE B., LEBRETTON Y. & GANIER P. Effect of dietary tryptophan on muscle, liver and whole-body protein synthesis in weaned piglets: relationship to plasma insulin. 423
- SHORTT C. & FLYNN A. Effect of dietary lactose on salt-mediated changes in mineral metabolism and bone composition in the rat. 73
- SHUQUAN Z. *see* SIDE X., MINTANG S., SHUQUAN Z., ZHAOMEI M., YINZHI X., YUJUN L., JUN W. & KUI J. Anthropometric and dietary survey of the elderly Chinese. 355
- SIDE X., MINTANG S., SHUQUAN Z., ZHAOMEI M., YINZHI X., YUJUN L., JUN W. & KUI J. Anthropometric and dietary survey of the elderly Chinese. 355
- SIEBER Robert *see* STOLL Peter, GUTZWILLER Andreas, JOST Martin, SCHNEEBERGER Heiner, SIEBER Robert, STAHELIN Hannes B., STEFFEN Christian & RITZEL Guenther Short-term effect of whole milk and milk fermented by *Pseudomonas fluorescens* on plasma lipids in adult boars. 129
- SLAPPENDEL E.J. *see* VAN DER SCHOOT P., ZEEGERS T.A., MUSKIET F.A.J. & SLAPPENDEL E.J. Reduction of the intake of food and water is responsible for reduction of litter growth when dams are treated with a progesterone antagonist. 17
- SMITH P.M. *see* EARLE K.E. & SMITH P.M. The effect of dietary taurine content on the plasma taurine concentration of the cat. 227
- SOAR J.B. *see* DAWSON J.M., BUTTERY P.J., LAMMIMAN M.J., SOAR J.B., ESSEX C.P., GILL M. & BEEVER D.E. Nutritional and endocrinological manipulation of lean deposition in forage-fed steers. 171
- SOUTHGATE D.A.T. Arguments for acceptance. 1

SOUTHGATE D.A.T. Reflections on an editorial year.	149
SOUTHGATE D.A.T. Oral scientific tradition.	353
STAHELIN Hannes B. <i>see</i> STOLL Peter, GUTZWILLER Andreas, JOST Martin, SCHNEEBERGER Heiner, SIEBER Robert, STAHELIN Hannes B., STEFFEN Christian & RITZEL Guenther Short-term effect of whole milk and milk fermented by <i>Pseudomonas fluorescens</i> on plasma lipids in adult boars.	129
STEFFEN Christian <i>see</i> STOLL Peter, GUTZWILLER Andreas, JOST Martin, SCHNEEBERGER Heiner, SIEBER Robert, STAHELIN Hannes B., STEFFEN Christian & RITZEL Guenther Short-term effect of whole milk and milk fermented by <i>Pseudomonas fluorescens</i> on plasma lipids in adult boars.	129
STOLL Peter, GUTZWILLER Andreas, JOST Martin, SCHNEEBERGER Heiner, SIEBER Robert, STAHELIN Hannes B., STEFFEN Christian & RITZEL Guenther Short-term effect of whole milk and milk fermented by <i>Pseudomonas fluorescens</i> on plasma lipids in adult boars.	129
SUTTON J.D. <i>see</i> GASA J., HOLTENIUS K.J., SUTTON J.D., DHANOA M.S. & NAPPER D.J. Rumen fill and digesta kinetics in lactating Friesian cows given two levels of concentrates with two types of grass silage <i>ad lib.</i>	381
SYKES A.R. <i>see</i> BOWN M.D., POPPI D.P. & SYKES A.R. Nitrogen transactions along the digestive tract of lambs concurrently infected with <i>Trichostrongylus colubriformis</i> and <i>Ostertagia circumcincta</i> .	237
SYRJÄLÄ-QVIST Liisa <i>see</i> EKHOLM Päivi, VARO Pertti, ASPILA Pentti, KOIVISTOINEN Pekka & SYRJÄLÄ-QVIST Liisa Transport of feed selenium to different tissues of bulls.	49
TAGARI Haim <i>see</i> AHARONI Yoav, TAGARI Haim & BOSTON R. C. A new approach to the quantitative estimation of nitrogen metabolic pathways in the rumen.	407
TAYLOR T.G. <i>see</i> MOHAMMED A., GIBNEY M.J. & TAYLOR T.G. The effects of dietary levels of inorganic phosphorus, calcium and cholecalciferol on the digestibility of phytate-P by the chick.	251
TRAN J. <i>see</i> PAHL M.Z., BARBARI A., VAZIRI N.D., HOLLANDER D., YAZDANI M., TRAN J. & KAN R. Intestinal absorption of linoleic acid in experimental renal failure.	467
TYRELL H.F. <i>see</i> REYNOLDS C.K. & TYRELL H.F. Effects on mesenteric vein L-alanine infusion on liver metabolism in beef heifers fed on diets differing in forage:concentrate ratio.	437
UMEZAWA Tsutomu, OHSawa Yukiko, MIURA Yutaka, KATO Hisanori & NOGUCHI Tadashi Effect of protein deprivation on insulin-like growth factor-binding proteins in rats.	105
VAN DER SCHOOT P., ZEEGERS T.A., MUSKIET F.A.J. & SLAPPENDEL E.J. Reduction of the intake of food and water is responsible for reduction of litter growth when dams are treated with a progesterone antagonist.	17
VAN POPPEL Geert, SCHNEIJDER Petra, LÖWIK Michiel R.H., SCHRIJVER Jaap & KOK Frans J. Nutritional status and food consumption in 10–11 year old Dutch boys (Dutch Nutrition Surveillance System).	161
VARO Pertti <i>see</i> EKHOLM Päivi, VARO Pertti, ASPILA Pentti, KOIVISTOINEN Pekka & SYRJÄLÄ-QVIST Liisa Transport of feed selenium to different tissues of bulls.	49
VAZIRI N.D. <i>see</i> PAHL M.Z., BARBARI A., VAZIRI N.D., HOLLANDER D., YAZDANI M., TRAN J. & KAN R. Intestinal absorption of linoleic acid in experimental renal failure.	467
VERNEAU C. <i>see</i> KHALLOU J., RIOTTOT M., PARQUET M., VERNEAU C. & LUTTON C. Biodynamics of cholesterol and bile acids in the lithiasic hamster.	479
WALKER D.M. <i>see</i> O'DONNELL M.G., NELSON M., WISE P.H. & WALKER D.M. A computerized diet questionnaire for use in diet health education. 1. Development and validation.	3
WHARF S. Gabrielle <i>see</i> FOX Thomas E., FAIRWEATHER-TAIT Susan J., EAGLES John & WHARF S. Gabrielle Intrinsic labelling of different foods with stable isotope of zinc (^{67}Zn) for use in bioavailability studies.	57
WHARF S. Gabrielle <i>see</i> FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John, CREWS Helen M. & MASSEY Robert Apparent zinc absorption by rats from foods labelled intrinsically and extrinsically with ^{67}Zn .	65
WHITAKER E.M. <i>see</i> WOODWARD C.J.H., HERVEY G.R., OAKLEY R.E. & WHITAKER E.M. The effects of fasting on plasma corticosterone kinetics in rats.	117
WHITELAW F.G., MILNE J.S. & WRIGHT Shelley A. Urease (EC 3.5.1.5) inhibition in the sheep rumen and its effect on urea and nitrogen metabolism.	209
WISE P.H. <i>see</i> O'DONNELL M.G., NELSON M., WISE P.H. & WALKER D.M. A computerized diet questionnaire for use in diet health education. 1. Development and validation.	3
WOODWARD C.J.H., HERVEY G.R., OAKLEY R.E. & WHITAKER E.M. The effects of fasting on plasma corticosterone kinetics in rats.	117
WRIGHT Shelley A. <i>see</i> WHITELAW F.G., MILNE J.S. & WRIGHT Shelley A. Urease (EC 3.5.1.5) inhibition in the sheep rumen and its effect on urea and nitrogen metabolism.	209

Index of Authors

549

- YAZDANI M. *see* PAHL M.Z., BARBARI A., VAZIRI N.D., HOLLANDER D., YAZDANI M., TRAN J. & KAN R.
Intestinal absorption of linoleic acid in experimental renal failure. 467
- YINZHI X. *see* SIDE X., MINTANG S., SHUQUAN Z., ZHAOMEI M., YINZHI X., YUJUN L., JUN W. & KUI
J. Anthropometric and dietary survey of the elderly Chinese. 355
- YUJUN L. *see* SIDE X., MINTANG S., SHUQUAN Z., ZHAOMEI M., YINZHI X., YUJUN L., JUN W. & KUI
J. Anthropometric and dietary survey of the elderly Chinese. 355
- ZEEGERS T.A. *see* VAN DER SCHOOT P., ZEEGERS T.A., MUSKIET F.A.J. & SLAPPENDEL E.J. Reduction of
the intake of food and water is responsible for reduction of litter growth when dams are treated with
a progesterone antagonist. 17
- ZHAOMEI M. *see* SIDE X., MINTANG S., SHUQUAN Z., ZHAOMEI M., YINZHI X., YUJUN L., JUN W. & KUI
J. Anthropometric and dietary survey of the elderly Chinese. 355