

Index of Authors

- AMATAYAKUL Kosin *see* JACKSON Dorothy A., IMONG Stella M., WONGSAWASDI Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- ANDRIEUX Claude, DELAHAYE PACHECO Emperatriz, BOUCHET Brigitte, GALLANT Daniel & SZYLIT Odette Contribution of the digestive tract microflora to amylo maize starch degradation in the rat. 489
- ANNISON G. *see* CHOCT M. & ANNISON G. The inhibition of nutrient digestion by wheat pentosans. 123
- AVERY P.J. *see* SEAL C.J., PARKER D.S. & AVERY P.J. The effect of forage and forage concentrate diets on rumen fermentation and metabolism of nutrients by the mesenteric- and portal-drained viscera in growing steers. 355
- BARDOCZ Susan *see* RUBIO Luis A., GRANT George, BARDOCZ Susan, DEWEY Peter & PUSZTAI A. Mineral excretion of rats fed diets containing faba beans (*Vicia faba* L.) or faba bean fractions. 295
- BARTH Christian A. *see* DE VRESE Michael, KELLER Birgit & BARTH Christian A. Enhancement of intestinal hydrolysis of lactose by microbial β -galactosidase of kefir. 67
- BATES C.J., COWEN T.D. & EVANS P.H. Effect of vitamin C on sorbitol in the lens of guinea-pigs made diabetic with streptozotocin. 445
- BAUM J.D. *see* JACKSON Dorothy A., IMONG Stella M., WONGSAWASDI Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- BEROT S. *see* VALETTE P., MALOUIN H., CORRING T., SAVOIE L., GUEUGNEAU A.M. & BEROT S. Effects of diets containing casein and rapeseed proteins on the enzyme secretion from the exocrine pancreas in the pig. 215
- BEYNEN A.C. *see* STERCK J.G.H., RITSKES-HOITINGA J. & BEYNEN A.C. Inhibitory effect of high protein intake on nephrocalcinogenesis in female rats. 223
- BEYNEN A.C. *see* VAN LITH H.A., MEIJER G.W., VAN DER WOUW M.J.A., DEN BIEMAN M., VAN TINTELEN G., VAN ZUTPHEN L.F.M. & BEYNEN A.C. Influence of amount of dietary fat and protein on esterase-1 (ES-1) activities of plasma and small intestine in rats. 379
- BOEKHOLT H.A. *see* SCHREURS V.V.A.M., BOEKHOLT H.A., KOOPMANSCHAP R.E. & WEJIS P.J.M. The metabolic utilization of amino acids: potentials of $^{14}\text{CO}_2$ breath test measurements. 207
- BOUCHET Brigitte *see* ANDRIEUX Claude, DELAHAYE PACHECO Emperatriz, BOUCHET Brigitte, GALLANT Daniel & SZYLIT Odette Contribution of the digestive tract microflora to amylo maize starch degradation in the rat. 489
- BRAVO L., SAURA-CALIXTO F. & GONI I. Effects of dietary fibre and tannins from apple pulp on the composition of faeces in rats. 463
- BRODERICK Glen A. & CLAYTON Murray K. Rumen protein degradation rates estimated by non-linear regression analysis of Michaelis-Menten *in vitro* data. 27
- BROWN Richard *see* PAYNE-ROBINSON Hazel M. & BROWN Richard The effect of malnutrition on insulin binding to rat erythrocytes. 279
- CHEESMAN Kevin H. *see* KELLY Frank J., SAFAVI Morteza & CHEESMAN Kevin H. Tissue α -tocopherol status during late fetal and early neonatal life of the guinea-pig. 457
- CHOCT M. & ANNISON G. The inhibition of nutrient digestion by wheat pentosans. 123
- CLAYTON Murray K. *see* BRODERICK Glen A. & CLAYTON Murray K. Rumen protein degradation rates estimated by non-linear regression analysis of Michaelis-Menten *in vitro* data. 27
- CORRING T. *see* VALETTE P., MALOUIN H., CORRING T., SAVOIE L., GUEUGNEAU A.M. & BEROT S. Effects of diets containing casein and rapeseed proteins on the enzyme secretion from the exocrine pancreas in the pig. 215
- COWEN T.D. *see* BATES C.J., COWEN T.D. & EVANS P.H. Effect of vitamin C on sorbitol in the lens of guinea-pigs made diabetic with streptozotocin. 445
- CREVEL R.W.R., FRIEND J.V., GOODWIN B.F.J. & PARISH W.E. High-fat diets and the immune response of C57 Bl mice. 17
- DELAHAYE PACHECO Emperatriz *see* ANDRIEUX Claude, DELAHAYE PACHECO Emperatriz, BOUCHET Brigitte, GALLANT Daniel & SZYLIT Odette Contribution of the digestive tract microflora to amylo maize starch degradation in the rat. 489

- DEN BIEMAN M. *see* VAN LITH H.A., MEIJER G.W., VAN DER WOUW M.J.A., DEN BIEMAN M., VAN TINTELEN G., VAN ZUTPHEN L.F.M. & BEYNEN A.C. Influence of amount of dietary fat and protein on esterase-I (ES-I) activities of plasma and small intestine in rats. 379
- DE VRESE Michael, KELLER Birgit & BARTH Christian A. Enhancement of intestinal hydrolysis of lactose by microbial β -galactosidase of kefir. 67
- DEWEY Peter *see* RUBIO Luis A., GRANT George, BARDOCZ Susan, DEWEY Peter & PUSZTAI A. Mineral excretion of rats fed diets containing faba beans (*Vicia faba* L.) or faba bean fractions. 295
- DEWHURST R.J. & WEBSTER A.J.F. Effects of diet, level of intake, sodium bicarbonate and monensin on urinary allantoin excretion in sheep. 345
- DHANO A.M.S. *see* THIAGO L.R.L., GILL M. & DHANO A.M.S. Studies of method of conserving grass herbage and frequency of feeding in cattle. 1. Voluntary feed intake, digestion and rate of passage. 305
- DREWETT R.F. *see* JACKSON Dorothy A., IMONG Stella M., WONGSAWASDIH Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- EAGLES John *see* FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John & KENNEDY Hugh Zinc absorption in adult men from a chicken sandwich made with white or wholemeal bread, measured by a double-label stable-isotope technique. 411
- EDWARDS JR Hardy M. *see* SANDERS Alan M., EDWARDS JR Hardy M. & ROWLAND III George N. Calcium and phosphorus requirements of the very young turkey as determined by response surface analysis. 421
- EICHINGER Hans *see* METGES Cornelia C., SCHMIDT Hanns-Ludwig & EICHINGER Hans Use of naturally enriched mixed food in ^{13}C breath tests applied in young sucking calves. 43
- ENGELHARDT W.V. *see* KASKE M., HATIBOGLU S. & ENGELHARDT W.V. The influence of density and size of particles on rumination and passage from the reticulo-rumen of sheep. 235
- EVANS P.H. *see* BATES C.J., COWEN T.D. & EVANS P.H. Effect of vitamin C on sorbitol in the lens of guinea-pigs made diabetic with streptozotocin. 445
- FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John & KENNEDY Hugh Zinc absorption in adult men from a chicken sandwich made with white or wholemeal bread, measured by a double-label stable-isotope technique. 411
- FOX Thomas E. *see* FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John & KENNEDY Hugh Zinc absorption in adult men from a chicken sandwich made with white or wholemeal bread, measured by a double-label stable-isotope technique. 411
- FRIEND J.V. *see* CREVEL R.W.R., FRIEND J.V., GOODWIN B.F.J. & PARISH W.E. High-fat diets and the immune response of C57 Bl mice. 17
- GALLANT Daniel *see* ANDRIEUX Claude, DELAHAYE PACHECO Emperatriz, BOUCHET Brigitte, GALLANT Daniel & SZYLIT Odette Contribution of the digestive tract microflora to amylo maize starch degradation in the rat. 489
- GIBNEY M.J. *see* HUNTER B., McDONALD G.S.A. & GIBNEY M.J. The effects of acute and chronic administration of *n*-6 and *n*-3 polyunsaturated fatty acids on ethanol-induced gastric haemorrhage in rats. 501
- GIDENNE T. Effect of fibre level, particle size and adaptation period on digestibility and rate of passage as measured at the ileum and in the faeces in the adult rabbit. 133
- GILL M. *see* THIAGO L.R.L., GILL M. & DHANO A.M.S. Studies of method of conserving grass herbage and frequency of feeding in cattle. 1. Voluntary feed intake, digestion and rate of passage. 305
- GILL M. *see* THIAGO L.R.L., GILL M. & SISSONS J. Studies of method of conserving grass herbage and frequency of feeding in cattle. 2. Eating behaviour, rumen motility and rumen fill. 319
- GODA Toshinao *see* SAMULITIS-DOS SANTOS Betty K., GODA Toshinao & KOLDOVSKY Otakar Dietary-induced increases of disaccharidase activities in rat jejunum. 267
- GONI I. *see* BRAVO L., SAURA-CALIXTO F. & GONI I. Effects of dietary fibre and tannins from apple pulp on the composition of faeces in rats. 463
- GOODLAD J.S. & MATHERS J.C. Digestion of complex carbohydrates and large bowel fermentation in rats fed on raw and cooked peas (*Pisum sativum*). 475
- GOODWIN B.F.J. *see* CREVEL R.W.R., FRIEND J.V., GOODWIN B.F.J. & PARISH W.E. High-fat diets and the immune response of C57 Bl mice. 17
- GRANT George *see* RUBIO Luis A., GRANT George, BARDOCZ Susan, DEWEY Peter & PUSZTAI A. Mineral excretion of rats fed diets containing faba beans (*Vicia faba* L.) or faba bean fractions. 295
- GREGERSEN S. *see* RASMUSSEN O., GREGERSEN S. & HERMANSEN K. Influence of the amount of starch on the glycaemic index to rice in non-insulin-dependent diabetic subjects. 371

Index of Authors

513

- GUEUGNEAU A.M. *see* VALETTE P., MALOUIN H., CORRIG T., SAVOIE L., GUEUGNEAU A.M. & BEROT S. Effects of diets containing casein and rapeseed proteins on the enzyme secretion from the exocrine pancreas in the pig. 215
- HATIBOGLU S. *see* KASKE M., HATIBOGLU S. & ENGELHARDT W.V. The influence of density and size of particles on rumination and passage from the reticulo-rumen of sheep. 235
- HEMILA Harri O. Vitamin C and the common cold. 3
- HERMANSEN K. *see* RASMUSSEN O., GREGERSEN S. & HERMANSEN K. Influence of the amount of starch on the glycaemic index to rice in non-insulin-dependent diabetic subjects. 371
- HIGHAM S.E. & READ N.W. The effect of ingestion of guar gum on ileostomy effluent. 115
- HOCKING P.M. & SAUNDERSON C. Linda Muscle protein degradation assessed by N¹-methylhistidine excretion in mature White Leghorn, dwarf broiler and normal broiler males maintained on either low- or high-protein diets. 391
- HOLM Halvor *see* MELTZER Helle M., NORHEIM Gunnar, LØKEN Elin Bjørge & HOLM Halvor Supplementation with wheat selenium induces a dose-dependent response in serum and urine of a Se-replete population. 287
- HUHTANEN Pekka & KHALILI Hannele The effect of sucrose supplements on particle-associated carboxymethylcellulase and xylanase activities in cattle given grass-silage-based diet. 245
- HUNTER B., McDONALD G.S.A. & GIBNEY M.J. The effects of acute and chronic administration of *n*-6 and *n*-3 polyunsaturated fatty acids on ethanol-induced gastric haemorrhage in rats. 501
- HUNTER R.A. The effect of the α_2 -adrenergic agonist, guanfacin, on the energy metabolism of steers fed on low-quality-roughage diets. 337
- IMONG Stella M. *see* JACKSON Dorothy A., IMONG Stella M., WONGSAWASDI Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- JACKSON Dorothy A., IMONG Stella M., WONGSAWASDI Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- KASKE M., HATIBOGLU S. & ENGELHARDT W.V. The influence of density and size of particles on rumination and passage from the reticulo-rumen of sheep. 235
- KATO Hisanori *see* MIURA Yutaka, KATO Hisanori & NOGUCHI Tadashi Effect of dietary proteins on insulin-like growth factor-1 (IGF-1) messenger ribonucleic acid content in rat liver. 257
- KELLER Birgit *see* DE VRESE Michael, KELLER Birgit & BARTH Christian A. Enhancement of intestinal hydrolysis of lactose by microbial β -galactosidase of kefir. 67
- KELLY Frank J., SAFAVI Morteza & CHEESMAN Kevin H. Tissue α -tocopherol status during late fetal and early neonatal life of the guinea-pig. 457
- KENNEDY Hugh *see* FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John & KENNEDY Hugh Zinc absorption in adult men from a chicken sandwich made with white or wholemeal bread, measured by a double-label stable-isotope technique. 411
- KHALILI Hannele *see* HUHTANEN Pekka & KHALILI Hannele The effect of sucrose supplements on particle-associated carboxymethylcellulase and xylanase activities in cattle given grass-silage-based diet. 245
- KOLDOVSKY Otakar *see* SAMULITIS-DOS SANTOS Betty K., GODA Toshinao & KOLDOVSKY Otakar Dietary-induced increases of disaccharidase activities in rat jejunum. 267
- KOOPMANSCHAP R.E. *see* SCHREURS V.V.A.M., BOEKHOLT H.A., KOOPMANSCHAP R.E. & WEIS P.J.M. The metabolic utilization of amino acids: potentials of ¹⁴CO₂ breath test measurements. 207
- KULKARNI R.N. *see* PIERS L.S., SOARES M.J., KULKARNI R.N. & SHETTY P.S. Thermic effect of a meal: 3. Effect of dietary supplementation in chronically undernourished human subjects. 187
- LEELAPAT Posri *see* JACKSON Dorothy A., IMONG Stella M., WONGSAWASDI Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- LEIBHOLZ Jane The availability of lysine in diets for pigs: comparative methodology. 401
- LØKEN Elin Bjørge *see* MELTZER Helle M., NORHEIM Gunnar, LØKEN Elin Bjørge & HOLM Halvor Supplementation with wheat selenium induces a dose-dependent response in serum and urine of a Se-replete population. 287
- LONGSTAFF M. *see* YUSTE P., LONGSTAFF M. & MCCORQUODALE C. The effect of proanthocyanidin-rich hulls and proanthocyanidin extracts from bean hulls (*Vicia faba* L.) on nutrient digestibility and digestive enzyme activities in young chicks. 57

- McCORQUODALE C. *see* YUSTE P., LONGSTAFF M. & McCORQUODALE C. The effect of proanthocyanidin-rich hulls and proanthocyanidin extracts from bean hulls (*Vicia faba* L.) on nutrient digestibility and digestive enzyme activities in young chicks. 57
- MCDONALD G.S.A. *see* HUNTER B., MCDONALD G.S.A. & GIBNEY M.J. The effects of acute and chronic administration of *n*-6 and *n*-3 polyunsaturated fatty acids on ethanol-induced gastric haemorrhage in rats. 501
- MACLEOD M.G. Energy and nitrogen intake, expenditure and retention at 32° in growing fowl given diets with a wide range of energy and protein contents. 195
- MAKAN Tania *see* PIERS L.S., SOARES M.J., MAKAN Tania & SHETTY P.S. Thermic effect of a meal: 1. Methodology and variation in normal young adults. 165
- MALOUIN H. *see* VALETTE P., MALOUIN H., CORRING T., SAVOIE L., GUEUGNEAU A.M. & BEROT S. Effects of diets containing casein and rapeseed proteins on the enzyme secretion from the exocrine pancreas in the pig. 215
- MATHERS J.C. *see* GOODLAD J.S. & MATHERS J.C. Digestion of complex carbohydrates and large bowel fermentation in rats fed on raw and cooked peas (*Pisum sativum*). 475
- MEIJER G.W. *see* VAN LITH H.A., MEIJER G.W., VAN DER WOUW M.J.A., DEN BIEMAN M., VAN TINTELEN G., VAN ZUTPHEN L.F.M. & BEYNEN A.C. Influence of amount of dietary fat and protein on esterase-1 (ES-1) activities of plasma and small intestine in rats. 379
- MELTZER Helle M., NORHEIM Gunnar, LØKEN Elin Bjørge & HOLM Halvor Supplementation with wheat selenium induces a dose-dependent response in serum and urine of a Se-replete population. 287
- METGES Cornelia C., SCHMIDT Hanns-Ludwig & EICHINGER Hans Use of naturally enriched mixed food in ¹³C breath tests applied in young sucking calves. 43
- MIURA Yutaka, KATO Hisanori & NOGUCHI Tadashi Effect of dietary proteins on insulin-like growth factor-1 (IGF-1) messenger ribonucleic acid content in rat liver. 257
- NOGUCHI Tadashi *see* MIURA Yutaka, KATO Hisanori & NOGUCHI Tadashi Effect of dietary proteins on insulin-like growth factor-1 (IGF-1) messenger ribonucleic acid content in rat liver. 257
- NORHEIM Gunnar *see* MELTZER Helle M., NORHEIM Gunnar, LØKEN Elin Bjørge & HOLM Halvor Supplementation with wheat selenium induces a dose-dependent response in serum and urine of a Se-replete population. 287
- PARISH W.E. *see* CREVEL R.W.R., FRIEND J.V., GOODWIN B.F.J. & PARISH W.E. High-fat diets and the immune response of C57 Bl mice. 17
- PARKER D.S. *see* SEAL C.J., PARKER D.S. & AVERY P.J. The effect of forage and forage-concentrate diets on rumen fermentation and metabolism of nutrients by the mesenteric- and portal-drained viscera in growing steers. 355
- PAYNE-ROBINSON Hazel M. & BROWN Richard The effect of malnutrition on insulin binding to rat erythrocytes. 279
- PETERS Timothy J. *see* SIMPSON Robert J., SIDHAR Sanjiv & PETERS Timothy J. Application of selective extraction to the study of iron species present in diet and rat gastrointestinal tract contents. 437
- PIERS L.S., SOARES M.J., MAKAN Tania & SHETTY P.S. Thermic effect of a meal: 1. Methodology and variation in normal young adults. 165
- PIERS L.S., SOARES M.J. & SHETTY P.S. Thermic effect of a meal: 2. Role in chronic undernutrition. 177
- PIERS L.S., SOARES M.J., KULKARNI R.N. & SHETTY P.S. Thermic effect of a meal: 3. Effect of dietary supplementation in chronically undernourished human subjects. 187
- PREUNGLAMPOO Sakda *see* JACKSON Dorothy A., IMONG Stella M., WONGSAWASDI Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- PUSZTAI A. *see* RUBIO Luis A., GRANT George, BARDOZC Susan, DEWEY Peter & PUSZTAI A. Mineral excretion of rats fed diets containing faba beans (*Vicia faba* L.) or faba bean fractions. 295
- RASMUSSEN O., GREGERSEN S. & HERMANSEN K. Influence of the amount of starch on the glycaemic index to rice in non-insulin-dependent diabetic subjects. 371
- READ N.W. *see* HIGHAM S.E. & READ N.W. The effect of ingestion of guar gum on ileostomy effluent. 115
- RITSKES-HOITINGA J. *see* STERCK J.G.H., RITSKES-HOITINGA J. & BEYNEN A.C. Inhibitory effect of high protein intake on nephrocalcinogenesis in female rats. 223
- ROWLAND III George N. *see* SANDERS Alan M., EDWARDS JR Hardy M. & ROWLAND III George N. Calcium and phosphorus requirements of the very young turkey as determined by response surface analysis. 421
- RUBIO Luis A., GRANT George, BARDOZC Susan, DEWEY Peter & PUSZTAI A. Mineral excretion of rats fed diets containing faba beans (*Vicia faba* L.) or faba bean fractions. 295

Index of Authors

515

- SAFAVI Morteza *see* KELLY Frank J., SAFAVI Morteza & CHEESMAN Kevin H. Tissue α -tocopherol status during late fetal and early neonatal life of the guinea-pig. 457
- SAMULITIS-DOS SANTOS Betty K., GODA Toshinao & KOLDOVSKY Otakar Dietary-induced increases of disaccharidase activities in rat jejunum. 267
- SANDERS Alan M., EDWARDS JR Hardy M. & ROWLAND III George N. Calcium and phosphorus requirements of the very young turkey as determined by response surface analysis. 421
- SAUNDERSON C. Linda *see* HOCKING P.M. & SAUNDERSON C. Linda Muscle protein degradation assessed by N¹-methylhistidine excretion in mature White Leghorn, dwarf broiler and normal broiler males maintained on either low- or high-protein diets. 391
- SAURA-CALIXTO F. *see* BRAVO L., SAURA-CALIXTO F. & GONI I. Effects of dietary fibre and tannins from apple pulp on the composition of faeces in rats. 463
- SAVOIE L. *see* VALETTE P., MALOUIN H., CORRING T., SAVOIE L., GUEUGNEAU A.M. & BEROT S. Effects of diets containing casein and rapeseed proteins on the enzyme secretion from the exocrine pancreas in the pig. 215
- SAVORY C.J. Gastrointestinal morphology and absorption of monosaccharides in fowls conditioned to different types and levels of dietary fibre. 77
- SAVORY C.J. Enzyme supplementation, degradation and metabolism of three U-¹⁴C-labelled cell-wall substrates in the fowl. 91
- SAVORY C.J. Metabolic fates of U-¹⁴C-labelled monosaccharides and an enzyme-treated cell-wall substrate in the fowl. 103
- SCHMIDT Hanns-Ludwig *see* METGES Cornelia C., SCHMIDT Hanns-Ludwig & EICHINGER Hans Use of naturally enriched mixed food in ¹³C breath tests applied in young sucking calves. 43
- SCHREURS V.V.A.M., BOEKHOLT H.A., KOOPMANSCHAP R.E. & WELJS P.J.M. The metabolic utilization of amino acids: potentials of ¹⁴CO₂ breath test measurements. 207
- SEAL C.J., PARKER D.S. & AVERY P.J. The effect of forage and forage-concentrate diets on rumen fermentation and metabolism of nutrients by the mesenteric- and portal-drained viscera in growing steers. 355
- SHETTY P.S. *see* PIERS L.S., SOARES M.J., MAKAN Tania & SHETTY P.S. Thermic effect of a meal: 1. Methodology and variation in normal young adults. 165
- SHETTY P.S. *see* PIERS L.S., SOARES M.J. & SHETTY P.S. Thermic effect of a meal: 2. Role in chronic undernutrition. 177
- SHETTY P.S. *see* PIERS L.S., SOARES M.J., KULKARNI R.N. & SHETTY P.S. Thermic effect of a meal: 3. Effect of dietary supplementation in chronically undernourished human subjects. 187
- SIDHAR Sanjiv *see* SIMPSON Robert J., SIDHAR Sanjiv & PETERS Timothy J. Application of selective extraction to the study of iron species present in diet and rat gastrointestinal tract contents. 437
- SILPRASERT Adung *see* JACKSON Dorothy A., IMONG Stella M., WONGSAWASDI Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- SIMPSON Robert J., SIDHAR Sanjiv & PETERS Timothy J. Application of selective extraction to the study of iron species present in diet and rat gastrointestinal tract contents. 437
- SISSONS J. *see* THIAGO L.R.L., GILL M. & SISSONS J. Studies of method of conserving grass herbage and frequency of feeding in cattle. 2. Eating behaviour, rumen motility and rumen fill. 319
- SOARES M.J. *see* PIERS L.S., SOARES M.J., MAKAN Tania & SHETTY P.S. Thermic effect of a meal: 1. Methodology and variation in normal young adults. 165
- SOARES M.J. *see* PIERS L.S., SOARES M.J. & SHETTY P.S. Thermic effect of a meal: 2. Role in chronic undernutrition. 177
- SOARES M.J. *see* PIERS L.S., SOARES M.J., KULKARNI R.N. & SHETTY P.S. Thermic effect of a meal: 3. Effect of dietary supplementation in chronically undernourished human subjects. 187
- SOUTHGATE D.A.T. The development of nutritional concepts. 1
- SOUTHGATE D.A.T. Images of nutrition. 147
- SOUTHGATE D.A.T. The ethics of peer review. 303
- STERCK J.G.H., RITSKES-HOITINGA J. & BEYENEN A.C. Inhibitory effect of high protein intake on nephrocalcinogenesis in female rats. 223
- SZYLIT Odette *see* ANDRIEUX Claude, DELAHAYE PACHECO Emperatriz, BOUCHET Brigitte, GALLANT Daniel & SZYLIT Odette Contribution of the digestive tract microflora to amylo maize starch degradation in the rat. 489

- THIAGO L.R.L., GILL M. & DHANOA M.S. Studies of method of conserving grass herbage and frequency of feeding in cattle. 1. Voluntary feed intake, digestion and rate of passage. 305
- THIAGO L.R.L., GILL M. & SISSONS J. Studies of method of conserving grass herbage and frequency of feeding in cattle. 2. Eating behaviour, rumen motility and rumen fill. 319
- VALETTE P., MALOUIN H., CORRING T., SAVOIE L., GUEUGNEAU A.M. & BEROT S. Effects of diets containing casein and rapeseed proteins on the enzyme secretion from the exocrine pancreas in the pig. 215
- VAN DER WOUW M.J.A. *see* VAN LITH H.A., MEIJER G.W., VAN DER WOUW M.J.A., DEN BIEMAN M., VAN TINTELEN G., VAN ZUTPHEN L.F.M. & BEYNEN A.C. Influence of amount of dietary fat and protein on esterase-1 (ES-1) activities of plasma and small intestine in rats. 379
- VAN LITH H.A., MEIJER G.W., VAN DER WOUW M.J.A., DEN BIEMAN M., VAN TINTELEN G., VAN ZUTPHEN L.F.M. & BEYNEN A.C. Influence of amount of dietary fat and protein on esterase-1 (ES-1) activities of plasma and small intestine in rats. 379
- VAN TINTELEN G. *see* VAN LITH H.A., MEIJER G.W., VAN DER WOUW M.J.A., DEN BIEMAN M., VAN TINTELEN G., VAN ZUTPHEN L.F.M. & BEYNEN A.C. Influence of amount of dietary fat and protein on esterase-1 (ES-1) activities of plasma and small intestine in rats. 379
- VAN ZUTPHEN L.F.M. *see* VAN LITH H.A., MEIJER G.W., VAN DER WOUW M.J.A., DEN BIEMAN M., VAN TINTELEN G., VAN ZUTPHEN L.F.M. & BEYNEN A.C. Influence of amount of dietary fat and protein on esterase-1 (ES-1) activities of plasma and small intestine in rats. 379
- WEBSTER A.J.F. *see* DEWHURST R.J. & WEBSTER A.J.F. Effects of diet, level of intake, sodium bicarbonate and monensin on urinary allantoin excretion in sheep. 345
- WEIS P.J.M. *see* SCHREURS V.V.A.M., BOEKHOLT H.A., KOOPMANSCHAP R.E. & WEIS P.J.M. The metabolic utilization of amino acids; potentials of $^{14}\text{CO}_2$ breath test measurements. 207
- WHARF S. Gabrielle *see* FAIRWEATHER-TAIT Susan J., FOX Thomas E., WHARF S. Gabrielle, EAGLES John & KENNEDY Hugh Zinc absorption in adult men from a chicken sandwich made with white or wholemeal bread, measured by a double-label stable-isotope technique. 411
- WONGSAWASDIH Lumduan *see* JACKSON Dorothy A., IMONG Stella M., WONGSAWASDIH Lumduan, SILPRASERT Adung, PREUNGLAMPOO Sakda, LEELAPAT Posri, DREWETT R.F., AMATAYAKUL Kosin & BAUM J.D. Weaning practices and breast-feeding duration in Northern Thailand. 149
- YUSTE P., LONGSTAFF M. & MCCORQUODALE C. The effect of proanthocyanidin-rich hulls and proanthocyanidin extracts from bean hulls (*Vicia faba* L.) on nutrient digestibility and digestive enzyme activities in young chicks. 57