

Indexes to Volume 28

Authors and Titles

- Agar, N. S., Roberts, J., Mulley, Ann,
Board, P. G., and Harley, J. D.
The effect of experimental anaemia on the
levels of glutathione and glycolytic
enzymes of the erythrocytes of normal
and glutathione-deficient Merino
sheep 233
- Allsop, T. F., and Pauli, J. V.
Responses to the lowering of magnesium
and calcium concentrations in the
cerebrospinal fluid of unanaesthetized
sheep 475
- Ashman, Leonie K., and Keech, D. Bruce
A kinetic approach to defining the role of
chemically modifiable residues at the
active sites of enzymes 379
- Baker, C. M. Ann. *See* Manwell, Clyde
- Baker, E. P. *See* The, T. T.
- Beazer, Michael R. *See* MacPhee, Donald G.
- Bender, Veronica J.
Extracellular polysaccharides of some
Basidiomycetes 227
- Board, P. G. *See* Agar, N. S.
- Burley, R. W.
Studies on the apoproteins of the major
lipoprotein of the yolk of hen's eggs. I.
Isolation and properties of the
low-molecular-weight apoproteins 121
- Campbell, M. E., Whiteley, K. J., and
Gillespie, J. M.
Influence of nutrition on the crimping rate
of wool and the type and proportion of
constituent proteins 389
- Catcheside, D. G.
Occurrence in wild strains of *Neurospora*
crassa of genes controlling genetic
recombination 213
- Chapman, R. E. *See* Reis, P. J.
- Clark, Alan G., and Rogers, Karl M.
Dependence upon bile volume of the
biliary excretion of bromocresol green
and amaranth in the anaesthetized
rat 339
- Coates, Michael
Studies of the interaction of organic
phosphates with haemoglobin in an
amphibian (*Bufo marinus*), a reptile
(*Trachydosaurus rugosus*) and man 367
- Daniels, Stephen. *See* Ehrman, Lee
- Dooley, P. C., and Williams, V. J.
Changes in the jugular haematocrit of
sheep during feeding 43
Effects of insulin hypoglycaemia in the
sheep on jugular haematocrit and plasma
corticosteroid concentrations 503
- Dopheide, Theo A. A.
Reactivity and ionization constants of the
lysine residues in apovitellenin I of emu
egg yolk low-density lipoprotein by
competitive labelling 433
- Driscoll, C. J.
Cytogenetic analysis of two chromosomal
male-sterility mutants in hexaploid
wheat 413
- Dyck, P. L. *See* McIntosh, R. A.
- Edwardly, Jenny. *See* Godwin, K. O.
- Egan, A. R. *See* Rogers, Q. R.
- Ehrman, Lee, and Daniels, Stephen
Pole cells of *Drosophila paulistorum*:
embryologic differentiation with
symbionts 133
- Emmens, C. W. *See* Kwun, J. K.
- Fell, L. R. *See* Fulkerson, W. J.
- Frenkel, M. J., Gillespie, J. M., and Reis, P. J.
Studies on the inhibition of synthesis of the
tyrosine-rich proteins of wool 331
- Fulkerson, W. J., and McDowell, G. H.
Artificial induction of lactation in cattle
by use of dexamethasone
trimethylacetate 183
Artificial induction of lactation in ewes:
the relative importance of oxytocin and
the milking stimulus 521
- Fulkerson, W. J., McDowell, G. H., and
Fell, L. R.
Artificial induction of lactation in ewes:
the role of prolactin 525
- Fuss, Christine N., and Godwin, K. O.
A comparison of the uptake of
[⁷⁵Se]selenite, [⁷⁵Se]selenomethionine and
[³⁵S]methionine by tissues of ewes and
lambs 239
- Fuss, Christine N. *See also* Godwin, K. O.

- Gidley-Baird, A. A. *See* Kennedy, T. G.
 Giles, K. H., and Macmillan, K. L.
 Pyridine nucleosidase in bull semen.
 II. Biochemical properties 273
 Giles, K. H. *See also* Macmillan, K. L.
 Gillespie, J. M. *See* Campbell, M. E.
 Gillespie, J. M. *See also* Frenkel, M. J.
 Glenn, A. R.
 Alkaline phosphatase mutants of *Bacillus subtilis* 323
 Glenn, A. R., and May, B. K.
 Effect of haemin on endogenous protein synthesis in oocytes of the Queensland cane toad *Bufo marinus* 115
 Godwin, K. O., Edwardly, Jenny, and Fuss, Christine N.
 Retention of ^{45}Ca in rats and lambs associated with the onset of nutritional muscular dystrophy 457
 Godwin, K. O., Fuss, Christine N., and Kuchel, R. E.
 Glutathione peroxidase activities in sheep and rat muscle and some effects of selenium deficiency 251
 Godwin, K. O. *See also* Fuss, Christine N.
 Greaves, H.
 Microbiological aspects of wood chip storage in tropical environments 315
 Grovum, W. L. *See* Hecker, J. F.
 Harley, J. D. *See* Agar, N. S.
 Hart, N. L. *See* Macmillan, K. L.
 Hecker, J. F., and Grovum, W. L.
 Rates of passage of digesta and water absorption along the large intestines of sheep, cows and pigs 161
 Hegarty, M. P. *See* Reis, P. J.
 Hollows, F. C. *See* Hutton, J. C.
 Holmes, I. H. *See* Schnagl, R. D.
 Hutton, J. C., Schofield, P. J., Williams, J. F., and Hollows, F. C.
 Osmotic effects of sorbitol accumulation in monkey kidney epithelial cell cultures 109
 Hynes, M. J.
 Studies on the role of the *areA* gene in the regulation of nitrogen catabolism in *Aspergillus nidulans* 301
 Jenkinson, D. McEwan, Mason, I. L., and Nay, T.
 Inheritance of some sweat gland and hair follicle characteristics in cattle 417
 Jenkinson, D. McEwan, and Nay, T.
 The sweat glands and hair follicles of different species of Bovidae 55
 Johnston, P. G., and Sharman, G. B.
 Studies on metatherian sex chromosomes. I. Inheritance and inactivation of sex-linked allelic genes determining glucose-6-phosphate dehydrogenase variation in kangaroos 567
 Keech, D. Bruce. *See* Ashman, Leonie K.
 Kennedy, P. M., Williams, E. R., and Siebert, B. D.
 Suphate recycling and metabolism in sheep and cattle 31
 Kennedy, T. G., and Gidley-Baird, A. A.
 Extra-ovarian effects of bovine prolactin and growth hormone on the vagina of the mouse 399
 King, Dennis. *See* King, Max
 King, Max, and King, Dennis
 Chromosomal evolution in the lizard genus *Varanus* (Reptilia) 89
 Kuchel, R. E. *See* Godwin, K. O.
 Kwun, J. K., and Emmens, C. W.
 Further observations on hormonal support of pregnancy in the ovariectomized rabbit 291
 Luig, N. H. *See* Tan, B. H.
 Macmillan, K. L., Giles, K. H., and Hart, N. L.
 Pyridine nucleosidase in bull semen.
 I. Breed and sire differences in enzyme concentration 267
 Macmillan, K. L. *See also* Giles, K. H.
 MacPhee, Donald G., and Beazer, Michael R.
 Mutants of *Salmonella typhimurium* deficient in DNA polymerase I: further characterization and genetic analysis 559
 Manwell, Clyde, and Baker, C. M. Ann
 Molecular genetics of avian proteins.
 XIII. Protein polymorphism in three species of Australian passerines 545
 Martin, I. C. A. *See* Watson, P. F.
 Mason, I. L. *See* Jenkinson, D. McEwan
 May, B. K. *See* Glenn, A. R.
 McDowell, G. H. *See* Fulkerson, W. J.
 McIntosh, R. A., and Dyck, P. L.
 Cytogenetical studies in wheat. VII. Gene *Lr23* for reaction to *Puccinia recondita* in Gabo and related cultivars 201
 McIntosh, R. A. *See also* The, T. T.
 McKechnie, Stephen W.
 Enzyme polymorphism and species discrimination in fruit flies of the genus *Dacus* (Tephritidae) 405
 Mulley, Ann. *See* Agar, N. S.

- Nay, T. *See* Jenkinson, D. McEwan
- Obst, J. M., and Seamark, R. F.
Hormone studies on ewes grazing an
oestrogenic (Yarloop clover) pasture
during the reproductive cycle 279
- Pauli, J. V. *See* Allsop, T. F.
- Ralston, G. B.
The isolation of aggregates of spectrin from
bovine erythrocyte membranes 259
- Reis, P. J.
Effects of intravenous infusion of mimosine
on wool growth of Merino sheep 483
See also Frenkel, M. J.
- Reis, P. J., Tunks, D. A., and Chapman, R. E.
Effects of mimosine, a potential chemical
defleecing agent, on wool growth and the
skin of sheep 69
- Reis, P. J., Tunks, D. A., and Hegarty, M. P.
Fate of mimosine administered orally to
sheep and its effectiveness as a
defleecing agent 495
- Roberts, J. *See* Agar, N. S.
- Rogers, Karl M. *See* Clark, Alan G.
- Rogers, Q. R., and Egan, A. R.
Amino acid imbalance in the liquid-fed
lamb 169
- Schnagl, R. D., and Holmes, I. H.
Electron microscopy of Japanaut and
Tilligerry viruses: two proposed members
of the orbivirus group 425
- Schofield, P. J. *See* Hutton, J. C.
- Seamark, R. F. *See* Obst, J. M.
- Sharman, G. B. *See* Johnston, P. G.
- Siebert, B. D. *See* Kennedy, P. M.
- Smith, J. F.
Studies on ovine infertility in agricultural
regions of Western Australia: plasma
progesterone levels of fertile and infertile
ewes 85
- Story, C. J., and Wheldrake, J. F.
Characterization of the RNA synthesizing
activity of isolated kidney nuclei 465
- Tan, B. H., Watson, I. A., and Luig, N. H.
A study of physiologic specialization of rye
stem rust in Australia 539
- The, T. T., and Baker, E. P.
Basic studies relating to the transference of
genetic characters from *Triticum*
monococcum L. to hexaploid wheat 189
- The, T. T., and McIntosh, R. A.
Cytogenetical studies in wheat. VIII.
Telocentric mapping and linkage studies
involving *Sr22* and other genes in
chromosome 7AL 531
- Thompson, E. O. P. *See* Whittaker, R. G.
- Tomas, F. M.
Renal response to intravenous phosphate
infusion in the sheep 000
- Tunks, D. A. *See* Reis, P. J.
- Ward, Colin W.
Aminopeptidases in webbing clothes moth
larvae. Properties and specificities of
enzymes of highest electrophoretic
mobility 447
Properties and specificity of a second metal
chelator-sensitive proteinase in the
keratinolytic larvae of the webbing
clothes moth 439
Resolution of proteases in the keratinolytic
larvae of the webbing clothes moth 1
- Watson, I. A. *See* Tan, B. H.
- Watson, P. F., and Martin, I. C. A.
Effects of egg yolk, glycerol and the freezing
rate on the viability and acrosomal
structures of frozen ram spermatozoa
153
The influence of some fractions of egg yolk
on the survival of ram spermatozoa
at 5°C 145
- Whelan, G.
The influence of cage bedding on the
metabolism of sulphobromophthalein
sodium by an hepatic cytosol-located
enzyme system 25
- Wheldrake, J. F. *See* Story, C. J.
- Whitely, K. J. *See* Campbell, M. E.
- Whittaker, R. G., and Thompson, E. O. P.
Studies on monotreme proteins. VI.
Amino acid sequence of the β -chain of
haemoglobin from the platypus,
Ornithorhynchus anatinus 353
- Williams, E. R. *See* Kennedy, P. M.
- Williams, J. F. *See* Hutton, J. C.
- Williams, V. J. *See* Dooley, P. C.