

AUTHOR INDEX

	Volume	Page
Alves, Regina M. R.		
Cryopreservation of some common nematodes of ruminants for up to 11,3 years. J. A. VAN WYK, H. M. GERBER and REGINA M. R. ALVES.....	57	1-6
A field strain of <i>Trichostrongylus colubriformis</i> resistant to levamisole and morantel in South Africa. J. A. VAN WYK, G. F. BATH, H. M. GERBER and REGINA, M. R. ALVES	57	119-122
Barnard, B. J. H.		
Epidemiology of wildebeest-derived malignant catarrhal fever in South Africa: inability to transfer the disease with an African face fly <i>Musca xanthomelas</i> (Diptera: Muscidae). B. J. H. BARNARD, R. G. BENGIS and S. F. VOGES	57	89-93
Epizootology of wildebeest-derived malignant catarrhal fever: possible transmission among cows and their calves in the north-western Transvaal. B. J. H. BARNARD	57	201-204
Barnard, Marie-Luise		
<i>Salmonella</i> isolated from feeds and feed ingredients during the period 1982-1988: animal and public health implications. ANNETTE M. DURAND, W. H. GIESECKE, MARIE-LUISE BARNARD, MARTHA L. VAN DER WALT and HELENA C. STEYN	57	175-181
Bath, G. F.		
A field strain of <i>Trichostrongylus colubriformis</i> resistant to levamisole and morantel in South Africa. J. A. VAN WYK, G. F. BATH, H. M. GERBER and REGINA M. R. ALVES	57	119-122
Bengis, R. G.		
Epidemiology of wildebeest-derived malignant catarrhal fever in South Africa: inability to transfer the disease with an African face fly <i>Musca xanthomelas</i> (Diptera: Muscidae). B. J. H. BARNARD, R. G. BENGIS and S. F. VOGES	57	89-93
Serological reactions to <i>Leptospira</i> species in buffalo (<i>Syncerus caffer</i>) from the Kruger National Park. J. G. MYBURGH, R. G. BENGIS, C. J. J. BESTER and F. CHAPARRO	57	281-282
Bester, C. J. J.		
Serological reactions to <i>Leptospira</i> species in buffalo (<i>Syncerus caffer</i>) from the Kruger National Park. J. G. MYBURGH, R. G. BENGIS, C. J. J. BESTER and F. CHAPARRO	57	281-282
Bezuidenhout, A. J.		
A light microscopic and immunocytochemical study of the gastro-intestinal tract of the ostrich (<i>Struthio camelus</i> L.). A. J. BEZUIDENHOUT and G. VAN ASWEGEN	57	37-48
Bezuidenhout, J. D.		
The detection and isolation of a paralysis toxin present in <i>Argas (Persicargas) walkerae</i> . G. J. VILJOEN, S. VAN WYNGAARDT, R. GOTHE, L. VISSER, J. D. BEZUIDENHOUT and A. W. H. NEITZ.....	57	163-168
Boomker, J.		
Parasites of South African wildlife. V. A description of the males of <i>Oesophagostomum mocambiqui</i> Ortlepp, 1964 from warthogs, <i>Phacochoerus aethiopicus</i> (Pallas, 1766). J. BOOMKER	57	169-173
Braack, L. E. O.		
Feeding habits and flight range of blow-flies (<i>Chrysomyia</i> spp.) in relation to anthrax transmission in the Kruger National Park, South Africa. L. E. O. BRAACK and V. DE VOS.....	57	141-142
Bragg, R. R.		
<i>Mycobacterium fortuitum</i> isolated from three species of fish in South Africa. R. R. BRAGG, HILDEGARD F. A. K. HUCHZERMAYER and MONICA A. M. HANISCH	57	101-102
Brett, Susan		
Identification of the antigenic proteins of <i>Cowdria ruminantium</i> . MIRINDA ROSSOUW, A. W. H. NEITZ, D. T. DE WAAL, J. L. DU PLESSIS, LETTIA VAN GAS and SUSAN BRETT	57	215-221
Carmichael, I. H.		
Evaluation of the efficacy of anthelmintics against parafilariosis in cattle. J. A. VAN WYK, H. T. GROENEVELD and I. H. CARMICHAEL	57	103-108
Cawood, M.		
Leucoencephalomalacia in two horses induced by oral dosing of fumonisin B ₁ . T. S. KELLERMAN, W. F. O. MARASAS, P. G. THIEL, W. C. A. GELDERBLOM, M. CAWOOD and J. A. W. COETZER.....	57	269-275
Chaparro, F.		
The isolation and serology of <i>Brucella melitensis</i> in a flock of goats in central RSA. L. M. M. RIBEIRO, S. HERR, F. CHAPARRO and F. H. VAN DER VYVER	57	143-144
Serological reactions to <i>Leptospira</i> species in buffalo (<i>Syncerus caffer</i>) from the Kruger National Park. J. G. MYBURGH, R. G. BENGIS, C. J. J. BESTER and F. CHAPARRO	57	281-282
Coetzer, J. A. W.		
Leucoencephalomalacia in two horses induced by oral dosing of fumonisin B ₁ . T. S. KELLERMAN, W. F. O. MARASAS, P. G. THIEL, W. C. A. GELDERBLOM, M. CAWOOD and J. A. W. COETZER.....	57	269-275

Combrink, M. P.

The isolation and transmission of an unidentified *Babesia* sp. to cattle by *Hyalomma truncatum* Koch 1844. D. T. DE WAAL, F. T. POTGIETER, M. P. COMBRINK and T. E. MASON 57 229-232

Dauth, J.

Resistance of Brahman and Simmentaler cattle to southern African ticks. Y. RECHAV, J. DAUTH and D. A. ELS 57 7-12

De Kock, K. N.

An experimental *Schistosoma mattheei* infection in man. C. T. WOLMARANS, K. N. DE KOCK and M. K. P. VAN DER WALT 57 211-214

De Vos, V.

Feeding habits and flight range of blow-flies (*Chrysomya* spp.) in relation to anthrax transmission in the Kruger National Park, South Africa. L. E. O. BRAACK and V. DE VOS 57 141-142

De Waal, D. T.

The transovarial transmission of *Babesia caballi* by *Hyalomma truncatum*. D. T. DE WAAL 57 99-100

Identification of the antigenic proteins of *Cowdria ruminantium*. MIRINDA ROSSOUW, A. W. H. NEITZ, D. T. DE WAAL, J. L. DU PLESSIS, LETITIA VAN GAS and SUSAN BRETT 57 215-221

The isolation and transmission of an unidentified *Babesia* sp. to cattle by *Hyalomma truncatum* Koch 1844. D. T. DE WAAL, F. T. POTGIETER, M. P. COMBRINK and T. E. MASON 57 229-232

Douglass, L. W.

Effects of microclimatic variables on the availability and movement of third-stage larvae of *Ostertagia ostertagi* on herbage. R. C. KRECEK, K. D. MURRELL and L. W. DOUGLASS 57 133-135

Du Plessis, J. L.

The freeze-drying of *Cowdria ruminantium*. J. L. DU PLESSIS, L. VAN GAS, F. J. LABUSCHAGNE and S. WIJMA .. 57 145-149

Concurrent babesiosis and ehrlichiosis in the dog: blood smear examination supplemented by the indirect fluorescent antibody test, using *Cowdria ruminantium* as antigen. J. L. DU PLESSIS, N. FOURIE, P. W. NEL and D. N. EVEZARD 57 151-155

An attempt to improve the immunization of sheep against heartwater by using different combinations of 3 stocks of *Cowdria ruminantium*. J. L. DU PLESSIS, F. T. POTGIETER and LETITIA VAN GAS 57 205-208

Identification of the antigenic proteins of *Cowdria ruminantium*. MIRINDA ROSSOUW, A. W. H. NEITZ, D. T. DE WAAL, J. L. DU PLESSIS, LETITIA VAN GAS and SUSAN BRETT 57 215-221

Increased pathogenicity of an *Ehrlichia*-like agent after passage through *Amblyomma hebraeum*: a preliminary report. J. L. DU PLESSIS 57 233-237

An attempt to establish an inbred line of mice genetically resistant to *Cowdria ruminantium*. J. L. DU PLESSIS, E. H. H. MEYER and L. VAN GAS 57 283-285

Du Preez, J. H.

Heat stress in dairy cattle and other livestock under southern African conditions. I. Temperature-humidity index mean values during the four main seasons. J. H. DU PREEZ, W. H. GIESECKE and P. J. HATTINGH 57 77-87

Heat stress in dairy cattle under southern African conditions. II. Identification of areas of potential heat stress during summer by means of observed true and predicted temperature-humidity index values. J. H. DU PREEZ, W. H. GIESECKE, P. J. HATTINGH and B. E. EISENBERG 57 183-187

Heat stress in dairy cattle and other livestock under southern African conditions. III. Monthly temperature-humidity index mean values and their significance in the performance of dairy cattle. J. H. DU PREEZ, P. J. HATTINGH, W. H. GIESECKE and B. E. EISENBERG 57 243-248

Durand, Annette M.

Salmonella isolated from feeds and feed ingredients during the period 1982-1988: animal and public health implications. ANNETTE M. DURAND, W. H. GIESECKE, MARIE-LUISE BARNARD, MARTHA L. VAN DER WALT and HELENA C. STEYN 57 175-181

Eisenberg, B. E.

Heat stress in dairy cattle under southern African conditions. II. Identification of areas of potential heat stress during summer by means of observed true and predicted temperature-humidity index values. J. H. DU PREEZ, W. H. GIESECKE, P. J. HATTINGH and B. E. EISENBERG 57 183-187

Heat stress in dairy cattle and other livestock under southern African conditions. III. Monthly temperature-humidity index mean values and their significance in the performance of dairy cattle. J. H. DU PREEZ, P. J. HATTINGH, W. H. GIESECKE and B. E. EISENBERG 57 243-248

Els, D. A.

Resistance of Brahman and Simmentaler cattle to southern African ticks. Y. RECHAV, J. DAUTH and D. A. ELS 57 7-12

Erasmus, G. L.

Pyridoxine (a vitamin B6) and its derivative pyridoxal as treatment for *Albizia versicolor* poisoning in guinea-pigs. B. GUMMOW and G. L. ERASMUS 57 109-114

Evezard, D. N.

Concurrent babesiosis and ehrlichiosis in the dog: blood smear examination supplemented by the indirect fluorescent antibody test, using *Cowdria ruminantium* as antigen. J. L. DU PLESSIS, N. FOURIE, P. W. NEL and D. N. EVEZARD 57 151-155

Fourie, N.

Concurrent babesiosis and ehrlichiosis in the dog: blood smear examination supplemented by the indirect fluorescent antibody test, using *Cowdria ruminantium* as antigen. J. L. DU PLESSIS, N. FOURIE, P. W. NEL and D. N. EVEZARD 57 151-155

Gelderblom, W. C. A.

Leucoencephalomalacia in two horses induced by oral dosing of fumonisin B₁. T. S. KELLERMAN, W. F. O. MARASAS, P. G. THIEL, W. C. A. GELDERBLOM, M. CAWOOD and J. A. W. COETZER..... 57 269-275

Gerber, H. M.

Cryopreservation of some common nematodes of ruminants for up to 11,3 years. J. A. VAN WYK, H. M. GERBER and REGINA M. R. ALVES..... 57 1-6

A field strain of *Trichostrongylus colubriformis* resistant to levamisole and morantel in South Africa. J. A. VAN WYK, G. F. BATH, H. M. GERBER and REGINA M. R. ALVES..... 57 119-122

Giesecke, W. H.

Udder health implications of premature bovine mammary regression. I. Clinical, subclinical and reducing sugar changes in milk during 168 hours of suspended milking in mid-lactation. W. H. GIESECKE, P. A. KORYBUT-WORONIECKI and Z. E. KOWALSKI..... 57 25-35

Udder health implications of premature bovine mammary regression. II. Collateral intramammary reactions in quarters milked normally during 168-hour milk stasis in opposite quarters. W. H. GIESECKE, P. A. KORYBUT-WORONIECKI and Z. E. KOWALSKI..... 57 49-56

Heat stress in dairy cattle and other livestock under southern African conditions. I. Temperature-humidity index mean values during the four main seasons. J. H. DU PREEZ, W. H. GIESECKE and P. J. HATTINGH..... 57 77-87

Salmonella isolated from feeds and feed ingredients during the period 1982-1988: animal and public health implications. ANNETTE M. DURAND, W. H. GIESECKE, MARIE-LUISE BARNARD, MARTHA L. VAN DER WALT and HELENA C. STEYN..... 57 175-181

Heat stress in dairy cattle under southern African conditions. II. Identification of areas of potential heat stress during summer by means of observed true and predicted temperature-humidity index values. J. H. DU PREEZ, W. H. GIESECKE, P. J. HATTINGH and B. E. EISENBERG..... 57 183-187

Heat stress in dairy cattle and other livestock under southern African conditions. III. Monthly temperature-humidity index mean values and their significance in the performance of dairy cattle. J. H. DU PREEZ, P. J. HATTINGH, W. H. GIESECKE and B. E. EISENBERG..... 57 243-248

Gothe, R.

The detection and isolation of a paralysis toxin present in *Argas (Persicargas) walkerae*. G. J. VILJOEN, S. VAN WYNGAARDT, R. GOTHE, L. VISSER, J. D. BEZUIDENHOUT and A. W. H. NEITZ..... 57 163-168

Gous, A. G. S.

The use of sensitivity discs in the identification of *Campylobacter* species. L. M. M. RIBEIRO, S. HERR, S. M. PEFANIS and A. G. S. GOUS..... 57 129-131

Gouws, J. J.

Failure of an *Actinomyces pyogenes* vaccine to protect sheep against an intravenous challenge. PAMELA HUNTER, J. J. VAN DER LUGT and J. J. GOUWS..... 57 239-241

Groeneveld, H. T.

Evaluation of the efficacy of anthelmintics against parafilariosis in cattle. J. A. VAN WYK, H. T. GROENEVELD and I. H. CARMICHAEL..... 57 103-108

Gummow, B.

Pyridoxime (a vitamin B6) and its derivative pyridoxal as treatment for *Albizia versicolor* poisoning in guinea-pigs. B. GUMMOW and G. L. ERASMUS..... 57 109-114

Hanisch, Monica A. M.

Mycobacterium fortuitum isolated from three species of fish in South Africa. R. R. BRAGG, HILDEGARD F. A. K. HUCHZERMAYER and MONICA A. M. HANISCH..... 57 101-102

Hattingh, P. J.

Heat stress in dairy cattle and other livestock under southern African conditions. I. Temperature-humidity index mean values during the four main seasons. J. H. DU PREEZ, W. H. GIESECKE and P. J. HATTINGH..... 57 77-87

Heat stress in dairy cattle under southern African conditions. II. Identification of areas of potential heat stress during summer by means of observed true and predicted temperature-humidity index values. J. H. DU PREEZ, W. H. GIESECKE, P. J. HATTINGH and B. E. EISENBERG..... 57 183-187

Heat stress in dairy cattle and other livestock under southern African conditions. III. Monthly temperature-humidity index mean values and their significance in the performance of dairy cattle. J. H. DU PREEZ, P. J. HATTINGH, W. H. GIESECKE and B. E. EISENBERG..... 57 243-248

Herr, S.

The use of sensitivity discs in the identification of *Campylobacter* species. L. M. M. RIBEIRO, S. HERR, S. M. PEFANIS and A. G. S. GOUS..... 57 129-131

The isolation and serology of *Brucella melitensis* in a flock of goats in central RSA. L. M. M. RIBEIRO, S. HERR, F. CHAPARRO and F. H. VAN DER VYVER..... 57 143-144

The use of filterpaper discs impregnated with thionin acetate, basic fuchsin and thionin blue in the identification of *Brucella* species. L. M. M. RIBEIRO and S. HERR..... 57 197-199

Heyne, Heloise

The pre-hatch period and larval survival of *Boophilus decoloratus* (Koch, 1844) (Acarina: Ixodidae) under natural conditions in the Transvaal, South Africa. A. M. SPICKETT and HELOISE HEYNE..... 57 95-98

Huchzermeyer, Hildegard F. A. K.

Mycobacterium fortuitum isolated from three species of fish in South Africa. R. R. BRAGG, HILDEGARD F. A. K. HUCHZERMAYER and MONICA A. M. HANISCH..... 57 101-102

Hunter, Pamela

- Failure of an *Actinomyces pyogenes* vaccine to protect sheep against an intravenous challenge. PAMELA HUNTER, J. J. VANDER LUGT and J. J. GOUWS..... 57 239-241

Jordaan, Leonora C.

- A survey of annoyance of livestock by *Simulium chutteri* Lewis along the Orange River, South Africa (Diptera: Simuliidae). LEONORA C. JORDAAN and H. VAN ARK..... 57 189-195

Kellerman, T. S.

- Leucoencephalomalacia in two horses induced by oral dosing of fumonisin B₁. T. S. KELLERMAN, W. F. O. MARASAS, P. G. THIEL, W. C. A. GELDERBLUM, M. CAWOOD and J. A. W. COETZER..... 57 269-275

Korybut-Woroniecki, P. A.

- Udder health implications of premature bovine mammary regression. I. Clinical, subclinical and reducing sugar changes in milk during 168 hours of suspended milking in mid-lactation, W. H. GIESECKE, P. A. KORYBUT-WORONIECKI and Z. E. KOWALSKI..... 57 25-35

- Udder health implications of premature bovine mammary regression. II. Collateral intramammary reactions in quarters milked normally during 168-hour milk stasis in opposite quarters. W. H. GIESECKE, P. A. KORYBUT-WORONIECKI and Z. E. KOWALSKI..... 57 49-56

Kotzé, Sanet H.

- An immunohistochemical study of various peptide-containing endocrine cells and neurones at the equine ileocaecal junction. SANET H. KOTZÉ and G. VAN ASWEGEN..... 57 13-17

- Scanning electron and light microscopy of the mucosa of the equine ileocaecal junction. SANET H. KOTZÉ and J. T. SOLEY..... 57 19-23

Kowalski, Z. E.

- Udder health implications of premature bovine mammary regression. I. Clinical, subclinical and reducing sugar changes in milk during 168 hours of suspended milking in mid-lactation. W. H. GIESECKE, P. A. KORYBUT-WORONIECKI and Z. E. KOWALSKI..... 57 25-35

- Udder health implications of premature bovine mammary regression. II. Collateral intramammary reactions in quarters milked normally during 168-hour milk stasis in opposite quarters. W. H. GIESECKE, P. A. KORYBUT-WORONIECKI and Z. E. KOWALSKI..... 57 49-56

Krecek, R. C.

- Effects of microclimatic variables on the availability and movement of third-stage larvae of *Ostertagia ostertagi* on herbage. R. C. KRECEK, K. D. MURRELL and L. W. DOUGLASS..... 57 133-135

Kruger, F. J.

- Host cellular components adhering to the tegument of schistosomes from cattle, buffalo, hippopotamus and lechwe. F. J. KRUGER and C. T. WOLMARANS..... 57 137-139

Labuschagne, F. J.

- The freeze-drying of *Cowdria ruminantium*. J. L. DU PLESSIS, L. VAN GAS, F. J. LABUSCHAGNE and S. WIJMA... 57 145-149

Lötter, A. P.

- A comparison of haemodynamic and vasoconstrictory responses in sheep with a toxic fraction from *Pachystigma pygmaeum* and with the plant material. J. J. VANDER WALT, J. M. VAN ROOYEN and A. P. LÖTTER..... 57 157-161

Marasas, W. F. O.

- Leucoencephalomalacia in two horses induced by oral dosing of fumonisin B₁. T. S. KELLERMAN, W. F. O. MARASAS, P. G. THIEL, W. C. A. GELDERBLUM, M. CAWOOD and J. A. W. COETZER..... 57 269-275

Mason, T. E.

- The isolation and transmission of an unidentified *Babesia* sp. to cattle by *Hyalomma truncatum* Koch 1844. D. T. DE WAAL, F. T. POTGIETER, M. P. COMBRINK and T. E. MASON..... 57 229-232

Meyer, E. H. H.

- An attempt to establish an inbred line of mice genetically resistant to *Cowdria ruminantium*. J. L. DU PLESSIS, E. H. H. MEYER and L. VAN GAS..... 57 283-285

Murrell, K. D.

- Effects of microclimatic variables on the availability and movement of third-stage larvae of *Ostertagia ostertagi* on herbage. R. C. KRECEK, K. D. MURRELL and L. W. DOUGLASS..... 57 133-135

Myburgh, J. G.

- Serological reactions to *Leptospira* species in buffalo (*Syncerus caffer*) from the Kruger National Park. J. G. MYBURGH, R. G. BENGIS, C. J. J. BESTER and F. CHAPARRO..... 57 281-282

Neitz, A. W. H.

- The detection and isolation of a paralysis toxin present in *Argas (Persicargas) walkerae*. G. J. VILJOEN, S. VAN WYNGAARDT, R. GOTHE, L. VISSER, J. D. BEZUIDENHOUT and A. W. H. NEITZ..... 57 163-168

- Identification of the antigenic proteins of *Cowdria ruminantium*. MIRINDA ROSSOUW, A. W. H. NEITZ, D. T. DE WAAL, J. L. DU PLESSIS, LETITIA VAN GAS and SUSAN BRETT..... 57 215-221

Nel, P. W.

- Concurrent babesiosis and ehrlichiosis in the dog: blood smear examination supplemented by the indirect fluorescent antibody test, using *Cowdria ruminantium* as antigen. J. L. DU PLESSIS, N. FOURIE, P. W. NEL and D. N. EVEZARD..... 57 151-155

Pefanis, S. M.

- The use of sensitivity discs in the identification of *Campylobacter* species. L. M. M. RIBEIRO, S. HERR, S. M. PEFANIS and A. G. S. GOUS..... 57 129-131

Petney, T. N.		
On sampling tick populations: the problem of over-dispersion. T. N. PETNEY, H. VAN ARK and A. M. SPICKETT	57	123-127
Potgieter, F. T.		
An attempt to improve the immunization of sheep against heartwater by using different combinations of 3 stocks of <i>Cowdria ruminantium</i> . J. L. DU PLESSIS, F. T. POTGIETER and LETTIA VAN GAS	57	205-208
The isolation and transmission of an unidentified <i>Babesia</i> sp. to cattle by <i>Hyalomma truncatum</i> Koch 1844. D. T. DE WAAL, F. T. POTGIETER, M. P. COMBRINK and T. E. MASON	57	229-232
Rechav, Y.		
Resistance of Brahman and Simmentaler cattle to southern African ticks. Y. RECHAV, J. DAUTH and D. A. ELS	57	7-12
Reinecke, R. K.		
Overberg research project. IX. First stage larvae per gram (L ₁ p.g.) of faeces; an efficient method of diagnosing nematode parasites of sheep ante mortem. R. K. REINECKE	57	277-280
Ribeiro, L. M. M.		
The use of sensitivity discs in the identification of <i>Campylobacter</i> species. L. M. M. RIBEIRO, S. HERR, S. M. PEFANIS and A. G. S. GOUS	57	129-131
The isolation and serology of <i>Brucella melitensis</i> in a flock of goats in central RSA. L. M. M. RIBEIRO, S. HERR, F. CHAPARRO and F. H. VAN DER VYVER	57	143-144
The use of filterpaper discs impregnated with thionin acetate, basic fuchsin and thionin blue in the identification of <i>Brucella</i> species. L. M. M. RIBEIRO and S. HERR	57	197-199
An efficient medium for the isolation of <i>Trichomonas foetus</i> . L. M. M. RIBEIRO	57	209-210
Rossouw, Mirinda		
Identification of the antigenic proteins of <i>Cowdria ruminantium</i> . MIRINDA ROSSOUW, A. W. H. NEITZ, D. T. DE WAAL, J. L. DU PLESSIS, LETTIA VAN GAS and SUSAN BRETT	57	215-221
Soley, J. T.		
Scanning electron and light microscopy of the mucosa of the equine ileocaecal junction. SANET H. KOTZÉ and J. T. SOLEY	57	19-23
Spickett, A. M.		
The prehatch period and larval survival of <i>Boophilus decoloratus</i> (Koch, 1844) (Acarina: Ixodidae) under natural conditions in the Transvaal, South Africa. A. M. SPICKETT and HELOISE HEYNE	57	95-98
Fitting the Gompertz function to dose-response data of larval tick populations. A. M. SPICKETT and H. VAN ARK	57	115-118
On sampling tick populations: the problem of over-dispersion. T. N. PETNEY, H. VAN ARK and A. M. SPICKETT	57	123-127
Steyn, Helena C.		
<i>Salmonella</i> isolated from feeds and feed ingredients during the period 1982-1988: animal and public health implications. ANNETTE M. DURAND, W. H. GIESECKE, MARIE-LUISE BARNARD, MARTHA L. VAN DER WALT and HELENA C. STEYN	57	175-181
Thiel, P. G.		
Leucoencephalomalacia in two horses induced by oral dosing of fumonisin B ₁ . T. S. KELLERMAN, W. F. O. MARASAS, P. G. THIEL, W. C. A. GELDERBLUM, M. CAWOOD and J. A. W. COETZER	57	269-275
Van Ark, H.		
Fitting the Gompertz function to dose-response data of larval tick populations. A. M. SPICKETT and H. VAN ARK	57	115-118
On sampling tick populations: the problem of over-dispersion. T. N. PETNEY, H. VAN ARK and A. M. SPICKETT	57	123-127
A survey of annoyance of livestock by <i>Simulium chutteri</i> Lewis along the Orange River, South Africa (Diptera: Simuliidae). LEONORA C. JORDAAN and H. VAN ARK	57	189-195
Van Aswegen, G.		
An immunohistochemical study of various peptide-containing endocrine cells and neurones at the equine ileo-caecal junction. SANET H. KOTZÉ and G. VAN ASWEGEN	57	13-17
A light microscopic and immunocytochemical study of the gastro-intestinal tract of the ostrich (<i>Struthio camelus</i> L.). A. J. BEZUIDENHOUT and G. VAN ASWEGEN	57	37-48
Van der Lugt, J. J.		
Failure of an <i>Actinomyces pyogenes</i> vaccine to protect sheep against an intravenous challenge. PAMELA HUNTER, J. J. VAN DER LUGT and J. J. GOUWS	57	239-241
Van der Vyver, F. H.		
The isolation and serology of <i>Brucella melitensis</i> in a flock of goats in central RSA. L. M. M. RIBEIRO, S. HERR, F. CHAPARRO and F. H. VAN DER VYVER	57	143-144
Van der Walt, J. J.		
A comparison of haemodynamic and vasoconstrictory responses in sheep with a toxic fraction from <i>Pachystigma pygmaeum</i> and with the plant material. J. J. VAN DER WALT, J. M. VAN ROOYEN and A. P. LÖTTER	57	157-161
The toxic effects on cardiac myocytes of tyledoside F, a cumulative neurotoxic cardiac glycoside isolated from <i>Tylecodon grandiflorus</i> . J. M. VAN ROOYEN and J. J. VAN DER WALT	57	223-227
Van der Walt, M. K. P.		
An experimental <i>Schistosoma mattheei</i> infection in man. C. T. WOLMARANS, K. N. DE KOCK and M. K. P. VAN DER WALT	57	211-214

Van der Walt, Martha L.	
<i>Salmonella</i> isolated from feeds and feed ingredients during the period 1982–1988: animal and public health implications. ANNETTE M. DURAND, W. H. GIESECKE, MARIE-LUISE BARNARD, MARTHA L. VAN DER WALT and HELENA C. STEYN	57 175–181
Van Gas, L.	
The freeze-drying of <i>Cowdria ruminantium</i> . J. L. DU PLESSIS, L. VAN GAS, F. J. LABUSCHAGNE and S. WIJMA ..	57 145–149
An attempt to improve the immunization of sheep against heartwater by using different combinations of 3 stocks of <i>Cowdria ruminantium</i> . J. L. DU PLESSIS, F. T. POTGIETER and LETITIA VAN GAS	57 205–208
Identification of the antigenic proteins of <i>Cowdria ruminantium</i> . MIRINDA ROSSOUW, A. W. H. NEITZ, D. T. DE WAAL, J. L. DU PLESSIS, LETITIA VAN GAS and SUSAN BRETT	57 215–221
An attempt to establish an inbred line of mice genetically resistant to <i>Cowdria ruminantium</i> . J. L. DU PLESSIS, E. H. H. MEYER and L. VAN GAS	57 283–285
Van Rooyen, J. M.	
A comparison of haemodynamic and vasoconstrictory responses in sheep with a toxic fraction from <i>Pachystigma pygmaeum</i> and with the plant material. J. J. VAN DER WALT, J. M. VAN ROOYEN and A. P. LÖTTER	57 157–161
The toxic effects on cardiac myocytes of tyledoside F, a cumulative neurotoxic cardiac glycoside isolated from <i>Tylecodon grandiflorus</i> . J. M. VAN ROOYEN and J. J. VAN DER WALT	57 223–227
Van Wyk, J. A.	
Cryopreservation of some common nematodes of ruminants for up to 11,3 years. J. A. VAN WYK, H. M. GERBER and REGINA M. R. ALVES	57 1–6
Evaluation of the efficacy of anthelmintics against parafilariosis in cattle. J. A. VAN WYK, H. T. GROENEVELD and I. H. CARMICHAEL	57 103–108
A field strain of <i>Trichostrongylus colubriformis</i> resistant to levamisole and morantel in South Africa. J. A. VAN WYK, G. F. BATH, H. M. GERBER and REGINA M. R. ALVES	57 119–122
Van Wyngaardt, S.	
The detection and isolation of a paralysis toxin present in <i>Argas (Persicargas) walkerae</i> . G. J. VILJOEN, S. VAN WYNGAARDT, R. GOTHE, L. VISSER, J. D. BEZUIDENHOUT and A. W. H. NEITZ	57 163–168
Viljoen, G. J.	
The detection and isolation of a paralysis toxin present in <i>Argas (Persicargas) walkerae</i> . G. J. VILJOEN, S. VAN WYNGAARDT, R. GOTHE, L. VISSER, J. D. BEZUIDENHOUT and A. W. H. NEITZ	57 163–168
Visser, L.	
The detection and isolation of a paralysis toxin present in <i>Argas (Persicargas) walkerae</i> . G. J. VILJOEN, S. VAN WYNGAARDT, R. GOTHE, L. VISSER, J. D. BEZUIDENHOUT and A. W. H. NEITZ	57 163–168
Voges, S. F.	
Epidemiology of wildebeest-derived malignant catarrhal fever in South Africa: inability to transfer the disease with an African face fly <i>Musca xanthomelas</i> (Diptera: Muscidae). B. J. H. BARNARD, R. G. BENGIS and S. F. VOGES	57 89–93
Walker, Jane B.	
Two new species of ticks from southern Africa whose adults parasitize the feet of ungulates: <i>Rhipicephalus lounsburyi</i> n. sp. and <i>Rhipicephalus neumanni</i> n. sp. (Ixodoidea, Ixodidae). JANE B. WALKER	57 57–75
Wijma, S.	
The freeze-drying of <i>Cowdria ruminantium</i> . J. L. DU PLESSIS, L. VAN GAS, F. J. LABUSCHAGNE and S. WIJMA ..	57 145–149
Williams, M. C.	
The pathology of experimental <i>Lasiospermum bipinatum</i> (Thunb.) Druce (Asteraceae) poisoning in sheep. I. Hepatic lesions. M. C. WILLIAMS	57 249–261
The pathology of experimental <i>Lasiospermum bipinatum</i> (Thunb.) Druce (Asteraceae) poisoning in sheep. II. Pulmonary and miscellaneous lesions. M. C. WILLIAMS	57 263–268
Wolmarans, C. T.	
Host cellular components adhering to the tegument of schistosomes from cattle, buffalo, hippopotamus and lechwe. F. J. KRUGER and C. T. WOLMARANS	57 137–139
An experimental <i>Schistosoma mattheei</i> infection in man. C. T. WOLMARANS, K. N. DE KOCK and M. K. P. VAN DER WALT	57 211–214