



Author index

ABU ELZEIN, E.M.E.

- Seasonal abundance of four *Culicoides* spp. (Diptera: Ceratopogonidae) at Al-Ahsa oasis, Eastern Province, Saudi Arabia—E.M.E. ABU ELZEIN, M.A. HILALI, A.I. AL-AFALEQ, P.S. MELLOR, J. BOORMAN, S. AL-ATIYA and A. AL NAIEM 115–122

ADEJINMI, J.O.

- Non-immune control of trypanosomosis: *In vitro* oxidative burst of PMA- and trypanosome-stimulated neutrophils of Boran and N'Dama cattle—V.O. TAIWO, J.O. ADEJINMI and J.O. OLUWANIYI 155–161

AL NAIEM, A.

- Seasonal abundance of four *Culicoides* spp. (Diptera: Ceratopogonidae) at Al-Ahsa oasis, Eastern Province, Saudi Arabia—E.M.E. ABU ELZEIN, M.A. HILALI, A.I. AL-AFALEQ, P.S. MELLOR, J. BOORMAN, S. AL-ATIYA and A. AL NAIEM 115–122

AL-AFALEQ, A.I.

- Seasonal abundance of four *Culicoides* spp. (Diptera: Ceratopogonidae) at Al-Ahsa oasis, Eastern Province, Saudi Arabia—E.M.E. ABU ELZEIN, M.A. HILALI, A.I. AL-AFALEQ, P.S. MELLOR, J. BOORMAN, S. AL-ATIYA and A. AL NAIEM 115–122

AL-ATIYA, S.

- Seasonal abundance of four *Culicoides* spp. (Diptera: Ceratopogonidae) at Al-Ahsa oasis, Eastern Province, Saudi Arabia—E.M.E. ABU ELZEIN, M.A. HILALI, A.I. AL-AFALEQ, P.S. MELLOR, J. BOORMAN, S. AL-ATIYA and A. AL NAIEM 115–122

ALBERTYN, J.

- Virulence of South African isolates of *Haemophilus paragallinarum*. Part 3: experimentally produced NAD-independent isolate—M. TAOLE, J. ALBERTYN, E. VAN HEERDEN and R.R. BRAGG 189–196

ALLSOPP, B.A.

- The Kümm isolate of *Ehrlichia ruminantium*: *In vitro* isolation, propagation and characterization—E. ZWEYGARTH, ANTOINETTE I. JOSEMANS, M. FRANSI VAN STRIJP, HENRIETTE VAN HEERDEN, MARIA T.E.P. ALLSOPP and B.A. ALLSOPP 147–153

ALLSOPP, MARIA T.E.P.

- The Kümm isolate of *Ehrlichia ruminantium*: *In vitro* isolation, propagation and characterization—E. ZWEYGARTH, ANTOINETTE I. JOSEMANS, M. FRANSI VAN STRIJP, HENRIETTE VAN HEERDEN, MARIA T.E.P. ALLSOPP and B.A. ALLSOPP 147–153

ALMLI, B.

- Hepatic and renal concentrations of copper and other trace elements in hippopotami (*Hippopotamus amphibius* L) living in and adjacent to the Kafue and Luangwa Rivers in Zambia—M. MWASE, B. ALMLI, T. SIVERTSEN, M.M. MUSONDA and A. FLÅØYEN 207–214

- ATANÁSIO, A.**
A survey on the occurrence of resistance to anthelmintics of gastrointestinal nematodes of goats in Mozambique—A. ATANÁSIO, J. BOOMKER and C. SITOE 215–220
- BENGIS, R.G.**
The gamma-interferon test: its usefulness in a bovine tuberculosis survey in African buffaloes (*Syncerus caffer*) in the Kruger National Park—D.G. GROBLER, ANITA L. MICHEL, LIN-MARI DE KLERK and R.G. BENGIS 221–227
- BETT, B.**
Animal-level risk factors for *Trypanosoma evansi* infection in camels in eastern and central parts of Kenya—J.M. NGAIRA, B. BETT and S.M. KARANJA 263–271
- BOOMKER, J.**
Redescription of some *Spauligodon* spp. and *Parapharyngodon* spp., and of *Skrjabinodon mabuyae* Sandground, 1936 Inglis, 1968 (Pharyngodonidae: Oxyuroidea) from insectivorous South African lizards—S.F.B.N HERING-HAGENBECK, A.J. PETTER and J. BOOMKER 7–29
Redescription of some *Thelandros* and *Tachygonetria* spp. (Pharyngodonidae: Oxyuroidea) from the omnivorous plated lizard, *Gerrhosaurus validus validus* A. Smith, 1849 in South Africa—S.F.B.N HERING-HAGENBECK, A.J. PETTER and J. BOOMKER 31–51
Description of *Pelonia africana* n. g., n. sp. (Pentastomida: Sebekidae) from the lungs of *Pelomedusa subrufa* and *Pelusios sinuatus* (Chelonia) in South Africa—K. JUNKER and J. BOOMKER 53–59
A survey on the occurrence of resistance to anthelmintics of gastrointestinal nematodes of goats in Mozambique—A. ATANÁSIO, J. BOOMKER and C. SITOE 215–220
- BOORMAN, J.**
Seasonal abundance of four *Culicoides* spp. (Diptera: Ceratopogonidae) at Al-Ahsa oasis, Eastern Province, Saudi Arabia—E.M.E. ABU ELZEIN, M.A. HILALI, A.I. AL-AFALEQ, P.S. MELLOR, J. BOORMAN, S. AL-ATIYA and A. AL NAIEM 115–122
- BOSMAN, ANNA-MARI**
The classification of seven serotypes of equine encephalosis virus and the prevalence of homologous antibody in horses in South Africa—P.G. HOWELL, DALEEN GROENEWALD, CARINA W. VISAGE, ANNA-MARI BOSMAN, J.A.W. COETZER and A.J. GUTHRIE 79–93
- BOTHA, C.J.**
The effect of three bufadienolide cardiac glycosides on contraction of isolated rat jejunum—C.J. BOTHA, R. GEHRING, J.M. VAN ROOYEN and D. VENTER 243–246
- BRAGG, R.R.**
Isolation of serovar C-3 *Haemophilus paragallinarum* from Zimbabwe: A further indication of the need for the production of vaccines against infectious coryza containing local isolates of *H. paragallinarum*—R.R. BRAGG 129–132
Virulence of South African isolates of *Haemophilus paragallinarum*. Part 1: NAD-dependent field isolates—R.R. BRAGG 163–169
Virulence of South African isolates of *Haemophilus paragallinarum*. Part 2: Naturally occurring NAD-independent field isolates—R.R. BRAGG 171–175
Virulence of South African isolates of *Haemophilus paragallinarum*. Part 3: experimentally produced NAD-independent isolate—M. TAOLE, J. ALBERTYN, E. VAN HEERDEN and R.R. BRAGG 189–196
- BRETT, O.L.**
Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61–77
- BRYSON, N.R.**
Acaricide resistance profiles of single- and multi-host ticks from communal and commercial farming areas in the Eastern Cape and North-West Provinces of South Africa—S. MEKONNEN, N.R. BRYSON, L.J. FOURIE, R.J. PETER, A.M. SPICKETT, R.J. TAYLOR, T. STRYDOM and I.G. HORAK 99–105
- BUBB, M.**
Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61–77

- BURGESS, G.W.**
 Multiplication of the V4 strain of Newcastle disease virus in Madin Derby bovine kidney cells—M. SAHLE, G.W. BURGESS and A. KIDANEMARIAM 201–206
 Development of solid phase antigen for indirect ELISA for the detection of specific antibody responses to infection with Newcastle disease virus—M. SAHLE and G.W. BURGESS 237–242
- CHAMUNORWA, J.P.**
 Water absorption in relation to fermentation in the colon of the ostrich (*Struthio camelus*)—C. MUSARA, J.P. CHAMUNORWA, K. HOLTUG and E. SKADHAUGE 315–320
- CLAASEN, B.**
 Apparent prevalence of dourine in the Khomas region of Namibia—F.F. KUMBA, B. CLAASEN and P. PETRUS 295–298
- COETZER, J.A.W.**
 The classification of seven serotypes of equine encephalosis virus and the prevalence of homologous antibody in horses in South Africa—P.G. HOWELL, DALEEN GROENEWALD, CARINA W. VISAGE, ANNA-MARI BOSMAN, J.A.W. COETZER and A.J. GUTHRIE 79–93
- DE KLERK, LIN-MARI**
 The gamma-interferon test: its usefulness in a bovine tuberculosis survey in African buffaloes (*Syncerus caffer*) in the Kruger National Park—D.G. GROBLER, ANITA L. MICHEL, LIN-MARI DE KLERK and R.G. BENGIS 221–227
- DIPEOLU, O.O.**
 Seasonal abundance of adult ixodid ticks infesting cattle belonging to resource-limited farmers in the north-eastern Free State Province of South Africa—M. HLATSHWAYO, P.A. MBATI and O.O. DIPEOLU 1–6
- DUNGU, B.**
 Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61–77
- EMSLIE, F.R.**
 An overview of the eradication of *Brucella melitensis* from KwaZulu-Natal—F.R. EMSLIE and J.R. NEL 123–127
- ERASMUS, B.J.**
 Teratogenicity of a mutagenised Rift Valley fever virus (MVP 12) in sheep—P. HUNTER, B.J. ERASMUS and J.H. VORSTER 95–98
- ESPACH, A.**
 Development of a diagnostic one-tube RT-PCR for the detection of Rift Valley fever virus—A. ESPACH, M. ROMITO, L.H. NEL and G.J. VILJOEN 247–252
- FLÅØYEN, A.**
 Hepatic and renal concentrations of copper and other trace elements in hippopotami (*Hippopotamus amphibius* L) living in and adjacent to the Kafue and Luangwa Rivers in Zambia—M. MWASE, B. ALMLI, T. SIVERTSEN, M.M. MUSONDA and A. FLÅØYEN 207–214
- FOURIE, L.J.**
 Acaricide resistance profiles of single- and multi-host ticks from communal and commercial farming areas in the Eastern Cape and North-West Provinces of South Africa—S. MEKONNEN, N.R. BRYSON, L.J. FOURIE, R.J. PETER, A.M. SPICKETT, R.J. TAYLOR, T. STRYDOM and I.G. HORAK 99–105
 Hosts, seasonal occurrence and life cycle of *Rhipicentor nuttalli* (Acari: Ixodidae)—L.J. FOURIE, I.G. HORAK, D.J. KOK and W. VAN ZYL 177–187
 On-host ecology and off-host survival of the sheep scab mite *Psoroptes ovis*—T. MEINTJES, L.J. FOURIE and I.G. HORAK 273–283
 Effects of the scab mite *Psoroptes ovis* on the haematology and live mass of Merino and Dorper sheep—T. MEINTJES, L.J. FOURIE and I.G. HORAK 285–293
- GEHRING, R.**
 The effect of three bufadienolide cardiac glycosides on contraction of isolated rat jejunum—C.J. BOTHA, R. GEHRING, J.M. VAN ROOYEN and D. VENTER 243–246

GROBLER, D.G.

The gamma-interferon test: its usefulness in a bovine tuberculosis survey in African buffaloes (*Syncerus caffer*) in the Kruger National Park—D.G. GROBLER, ANITA L. MICHEL, LIN-MARI DE KLERK and R.G. BENGIS 221-227

GROENEWALD, DALEEN

The classification of seven serotypes of equine encephalosis virus and the prevalence of homologous antibody in horses in South Africa—P.G. HOWELL, DALEEN GROENEWALD, CARINA W. VISAGE, ANNA-MARI BOSMAN, J.A.W. COETZER and A.J. GUTHRIE 79-93

GUTHRIE, A.J.

The classification of seven serotypes of equine encephalosis virus and the prevalence of homologous antibody in horses in South Africa—P.G. HOWELL, DALEEN GROENEWALD, CARINA W. VISAGE, ANNA-MARI BOSMAN, J.A.W. COETZER and A.J. GUTHRIE 79-93

HADGU, K.

Parasitological prevalence of bovine trypanosomosis in Kindo Koisha district, Wollaita zone, south Ethiopia—A. KIDANEMARIAM, K. HADGU and M. SAHLE 107-113

HARRIS, H.J.

Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61-77

HERING-HAGENBECK, S.F.B.N.

Redescription of some *Spauligodon* spp. and *Parapharyngodon* spp., and of *Skrjabinodon mabuyae* Sandground, 1936) Inglis, 1968 (Pharyngodonidae: Oxyuroidea) from insectivorous South African lizards—S.F.B.N. HERING-HAGENBECK, A.J. PETTER and J. BOOMKER 7-29

Redescription of some *Thelandros* and *Tachygonetria* spp. (Pharyngodonidae: Oxyuroidea) from the omnivorous plated lizard, *Gerrhosaurus validus validus* A. Smith, 1849 in South Africa—S.F.B.N. HERING-HAGENBECK, A.J. PETTER and J. BOOMKER 31-51

HILALI, M.A.

Seasonal abundance of four *Culicoides* spp. (Diptera: Ceratopogonidae) at Al-Ahsa oasis, Eastern Province, Saudi Arabia—E.M.E. ABU ELZEIN, M.A. HILALI, A.I. AL-AFALEQ, P.S. MELLOR, J. BOORMAN, S. AL-ATIYA and A. AL NAIEM 115-122

HLATSHWAYO, M.

Seasonal abundance of adult ixodid ticks infesting cattle belonging to resource-limited farmers in the north-eastern Free State Province of South Africa—M. HLATSHWAYO, P.A. MBATI and O.O. DIPEOLU 1-6

HOLTUG, K.

Water absorption in relation to fermentation in the colon of the ostrich (*Struthio camelus*)—C. MUSARA, J.P. CHAMUNORWA, K. HOLTUG and E. SKADHAUGE 315-320

HORAK, I.G.

Acaricide resistance profiles of single- and multi-host ticks from communal and commercial farming areas in the Eastern Cape and North-West Provinces of South Africa—S. MEKONNEN, N.R. BRYSON, L.J. FOURIE, R.J. PETER, A.M. SPICKETT, R.J. TAYLOR, T. STRYDOM and I.G. HORAK 99-105

Hosts, seasonal occurrence and life cycle of *Rhipicentor nuttalli* (Acari: Ixodidae)—L.J. FOURIE, I.G. HORAK, D.J. KOK and W. VAN ZYL 177-187

On-host ecology and off-host survival of the sheep scab mite *Psoroptes ovis*—T. MEINTJES, L.J. FOURIE and I.G. HORAK 273-283

Effects of the scab mite *Psoroptes ovis* on the haematology and live mass of Merino and Dorper sheep—T. MEINTJES, L.J. FOURIE and I.G. HORAK 285-293

HOWELL, P.G.

The classification of seven serotypes of equine encephalosis virus and the prevalence of homologous antibody in horses in South Africa—P.G. HOWELL, DALEEN GROENEWALD, CARINA W. VISAGE, ANNA-MARI BOSMAN, J.A.W. COETZER and A.J. GUTHRIE 79-93

HUNTER, P.

Teratogenicity of a mutagenised Rift Valley fever virus (MVP 12) in sheep—P. HUNTER, B.J. ERASMUS and J.H. VORSTER 95-98

- JOSEMANS, ANTOINETTE I.**
The Kümm isolate of *Ehrlichia ruminantium*: *In vitro* isolation, propagation and characterization—E. ZWEYGARTH, ANTOINETTE I. JOSEMANS, M. FRANSI VAN STRIJP, HENRIETTE VAN HEERDEN, MARIA T.E.P. ALLSOPP and B.A. ALLSOPP 147–153
- JUNKER, K.**
Description of *Pelonia africana* n. g., n. sp. (Pentastomida: Sebekidae) from the lungs of *Pelomedusa subrufa* and *Pelusios sinuatus* (Chelonia) in South Africa—K. JUNKER and J. BOOMKER 53–59
- KAPAGA, A.M.**
Review of current problems and shortcomings in the Tanzanian animal health information system with suggestions on improvement—F.M. KIVARIA and A.M. KAPAGA 305–314
- KARANJA, S.M.**
Animal-level risk factors for *Trypanosoma evansi* infection in camels in eastern and central parts of Kenya—J.M. NGAIRA, B. BETT and S.M. KARANJA 263–271
- KELLERMAN, T.S.**
Continuous exposure to an aversive mixture as a means of maintaining aversion to vermeerbos (*Geigeria ornativa* O. Hoffm.) in the presence of non-averted sheep—L.D. SNYMAN, R.A. SCHULTZ, T.S. KELLERMAN and L. LABUSCHAGNE 321–325
- KIDANEMARIAM, A.**
Multiplication of the V4 strain of Newcastle disease virus in Madin Derby bovine kidney cells—M. SAHLE, G.W. BURGESS and A. KIDANEMARIAM 201–206
Parasitological prevalence of bovine trypanosomosis in Kindo Koisha district, Wollaita zone, south Ethiopia—A. KIDANEMARIAM, K. HADGU and M. SAHLE 107–113
- KITHUKA, J.M.**
The prevalence and economic importance of bovine fasciolosis in Kenya—an analysis of abattoir data—J.M. KITHUKA, N. MAINGI, F.M. NJERUH and J.N. OMBUI 255–262
- KIVARIA, F.M.**
Review of current problems and shortcomings in the Tanzanian animal health information system with suggestions on improvement—F.M. KIVARIA and A.M. KAPAGA 305–314
- KOK, D.J.**
Hosts, seasonal occurrence and life cycle of *Rhipicentor nuttalli* (Acari: Ixodidae)—L.J. FOURIE, I.G. HORAK, D.J. KOK and W. VAN ZYL 177–187
- KRECEK, R.C.**
Amphistome infection of goats farmed under resource-poor conditions in South Africa—A.F. VATTA and R.C. KRECEK 327–329
- KUMBA, F.F.**
Apparent prevalence of dourine in the Khomas region of Namibia—F.F. KUMBA, B. CLAASEN and P. PETRUS 295–298
- LABUSCHAGNE, L.**
Continuous exposure to an aversive mixture as a means of maintaining aversion to vermeerbos (*Geigeria ornativa* O. Hoffm.) in the presence of non-averted sheep—L.D. SNYMAN, R.A. SCHULTZ, T.S. KELLERMAN and L. LABUSCHAGNE 321–325
- LOPEZ-REBOLLAR, LAURA M.**
In vitro isolation of equine piroplasms derived from Cape mountain zebra (*Equus zebra zebra*) in South Africa—E. ZWEYGARTH, LAURA M. LOPEZ-REBOLLAR and P. MEYER 197–200
- MAGONA, J.W.**
Occurrence of concurrent trypanosomosis, theileriosis, anaplasmosis and helminthosis in Friesian, Zebu and Sahiwal cattle in Uganda—J.W. MAGONA and J.S.P. MAYENDE 133–140
- MAINGI, N.**
Strategic control of gastrointestinal nematodes of sheep in the highlands of central Kenya—N. MAINGI, R.O. OTIENO, V.M. MUMBI and E.H. WEDA 229–235

The prevalence and economic importance of bovine fasciolosis in Kenya—an analysis of abattoir data—J.M. KITHUKA, N. MAINGI, F.M. NJERUH and J.N. OMBUI	255–262
MAYENDE, J.S.P.	
Occurrence of concurrent trypanosomosis, theileriosis, anaplasmosis and helminthosis in Friesian, Zebu and Sahiwal cattle in Uganda—J.W. MAGONA and J.S.P. MAYENDE	133–140
MBATI, P.A.	
Seasonal abundance of adult ixodid ticks infesting cattle belonging to resource-limited farmers in the north-eastern Free State Province of South Africa—M. HLATSHWAYO, P.A. MBATI and O.O. DIPEOLU	1–6
MEINTJES, T.	
On-host ecology and off-host survival of the sheep scab mite <i>Psoroptes ovis</i> —T. MEINTJES, L.J. FOURIE and I.G. HORAK	273–283
Effects of the scab mite <i>Psoroptes ovis</i> on the haematology and live mass of Merino and Dorper sheep—T. MEINTJES, L.J. FOURIE and I.G. HORAK	285–293
MEKONNEN, S.	
Acaricide resistance profiles of single- and multi-host ticks from communal and commercial farming areas in the Eastern Cape and North-West Provinces of South Africa—S. MEKONNEN, N.R. BRYSON, L.J. FOURIE, R.J. PETER, A.M. SPICKETT, R.J. TAYLOR, T. STRYDOM and I.G. HORAK	99–105
MELLOR, P.S.	
Seasonal abundance of four <i>Culicoides</i> spp. (Diptera: Ceratopogonidae) at Al-Ahsa oasis, Eastern Province, Saudi Arabia—E.M.E. ABU ELZEIN, M.A. HILALI, A.I. AL-AFALEQ, P.S. MELLOR, J. BOORMAN, S. AL-ATIYA and A. AL NAIEM	115–122
MEYER, P.	
<i>In vitro</i> isolation of equine piroplasms derived from Cape mountain zebra (<i>Equus zebra zebra</i>) in South Africa—E. ZWEYGARTH, LAURA M. LOPEZ-REBOLLAR and P. MEYER	197–200
MICHEL, ANITA L.	
The gamma-interferon test: its usefulness in a bovine tuberculosis survey in African buffaloes (<i>Syncerus caffer</i>) in the Kruger National Park—D.G. GROBLER, ANITA L. MICHEL, LIN-MARI DE KLERK and R.G. BENGIS	221–227
MUMBI, V.M.	
Strategic control of gastrointestinal nematodes of sheep in the highlands of central Kenya—N. MAINGI, R.O. OTIENO, V.M. MUMBI and E.H. WEDA	229–235
MUSARA, C.	
Water absorption in relation to fermentation in the colon of the ostrich (<i>Struthio camelus</i>)—C. MUSARA, J.P. CHAMUNORWA, K. HOLTUG and E. SKADHAUGE	315–320
MUSONDA, M.M.	
Hepatic and renal concentrations of copper and other trace elements in hippopotami (<i>Hippopotamus amphibius</i> L) living in and adjacent to the Kafue and Luangwa Rivers in Zambia—M. MWASE, B. ALMLI, T. SIVERTSEN, M.M. MUSONDA and A. FLÅØYEN	207–214
MWASE, M.	
Hepatic and renal concentrations of copper and other trace elements in hippopotami (<i>Hippopotamus amphibius</i> L) living in and adjacent to the Kafue and Luangwa Rivers in Zambia—M. MWASE, B. ALMLI, T. SIVERTSEN, M.M. MUSONDA and A. FLÅØYEN	207–214
NEL, J.R.	
An overview of the eradication of <i>Brucella melitensis</i> from KwaZulu-Natal—F.R. EMSLIE and J.R. NEL	123–127
NEL, L.H.	
Development of a diagnostic one-tube RT-PCR for the detection of Rift Valley fever virus—A. ESPACH, M. ROMITO, L.H. NEL and G.J. VILJOEN	247–252
NGAIRA, J.M.	
Animal-level risk factors for <i>Trypanosoma evansi</i> infection in camels in eastern and central parts of Kenya—J.M. NGAIRA, B. BETT and S.M. KARANJA	263–271

- NGOTHO, J.W.**
Seasonal availability of gastrointestinal nematode larvae to cattle on pasture in the central highlands of Kenya—R.M. WARUIRU, E.H. WEDA, R.O. OTIENO and J.W. NGOTHO 141–146
- NJERUH, F.M.**
The prevalence and economic importance of bovine fasciolosis in Kenya—an analysis of abattoir data—J.M. KITHUKA, N. MAINGI, F.M. NJERUH and J.N. OMBUI 255–262
- OLUWANIYI, J.O.**
Non-immune control of trypanosomosis: *In vitro* oxidative burst of PMA- and trypanosome-stimulated neutrophils of Boran and N'Dama cattle—V.O. TAIWO, J.O. ADEJINMI and J.O. OLUWANIYI 155–161
- OMBUI, J.N.**
The prevalence and economic importance of bovine fasciolosis in Kenya—an analysis of abattoir data—J.M. KITHUKA, N. MAINGI, F.M. NJERUH and J.N. OMBUI 255–262
- OTIENO, R.O.**
Seasonal availability of gastrointestinal nematode larvae to cattle on pasture in the central highlands of Kenya—R.M. WARUIRU, E.H. WEDA, R.O. OTIENO and J.W. NGOTHO 141–146
Strategic control of gastrointestinal nematodes of sheep in the highlands of central Kenya—N. MAINGI, R.O. OTIENO, V.M. MUMBI and E.H. WEDA 229–235
- PAWESKA, J.T.**
Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61–77
- PETER, R.J.**
Acaricide resistance profiles of single- and multi-host ticks from communal and commercial farming areas in the Eastern Cape and North-West Provinces of South Africa—S. MEKONNEN, N.R. BRYSON, L.J. FOURIE, R.J. PETER, A.M. SPICKETT, R.J. TAYLOR, T. STRYDOM and I.G. HORAK 99–105
- PETRUS, P.**
Apparent prevalence of dourine in the Khomas region of Namibia—F.F. KUMBA, B. CLAASEN and P. PETRUS 295–298
- PETTER, A.J.**
Redescription of some *Spauligodon* spp. and *Parapharyngodon* spp., and of *Skrjabinodon mabuyae* Sandground, 1936) Inglis, 1968 (Pharyngodonidae: Oxyuroidea) from insectivorous South African lizards—S.F.B.N HERING-HAGENBECK, A.J. PETTER and J. BOOMKER 7–29
Redescription of some *Thelandros* and *Tachygonetria* spp. (Pharyngodonidae: Oxyuroidea) from the omnivorous plated lizard, *Gerrhosaurus validus validus* A. Smith, 1849 in South Africa—S.F.B.N HERING-HAGENBECK, A.J. PETTER and J. BOOMKER 31–51
- POTTS, A.D.**
Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61–77
- PROZESKY, L.**
Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61–77
- ROMITO, M.**
Development of a diagnostic one-tube RT-PCR for the detection of Rift Valley fever virus—A. ESPACH, M. ROMITO, L.H. NEL and G.J. VILJOEN 247–252
- SAHLE, M.**
Parasitological prevalence of bovine trypanosomosis in Kindo Koisha district, Wollaita zone, south Ethiopia—A. KIDANEMARIAM, K. HADGU and M. SAHLE 107–113
Multiplication of the V4 strain of Newcastle disease virus in Madin Derby bovine kidney cells—M. SAHLE, G.W. BURGESS and A. KIDANEMARIAM 201–206

- Development of solid phase antigen for indirect ELISA for the detection of specific antibody responses to infection with Newcastle disease virus—M. SAHLE and G.W. BURGESS 237–242
- SCHULTZ, R.A.**
Continuous exposure to an aversive mixture as a means of maintaining aversion to vermeerbos (*Geigeria ornativa* O. Hoffm.) in the presence of non-averted sheep—L.D. SNYMAN, R.A. SCHULTZ, T.S. KELLERMAN and L. LABUSCHAGNE 321–325
- SITOE, C.**
A survey on the occurrence of resistance to anthelmintics of gastrointestinal nematodes of goats in Mozambique—A. ATANÁSIO, J. BOOMKER and C. SITOE 215–220
- SIVERTSEN, T.**
Hepatic and renal concentrations of copper and other trace elements in hippopotami (*Hippopotamus amphibius* L.) living in and adjacent to the Kafue and Luangwa Rivers in Zambia—M. MWASE, B. ALMLI, T. SIVERTSEN, M.M. MUSONDA and A. FLÅØYEN 207–214
- SKADHAUGE, E.**
Water absorption in relation to fermentation in the colon of the ostrich (*Struthio camelus*)—C. MUSARA, J.P. CHAMUNORWA, K. HOLTUG and E. SKADHAUGE 315–320
- SMITH, S.J.**
Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61–77
- SNYMAN, L.D.**
Continuous exposure to an aversive mixture as a means of maintaining aversion to vermeerbos (*Geigeria ornativa* O. Hoffm.) in the presence of non-averted sheep—L.D. SNYMAN, R.A. SCHULTZ, T.S. KELLERMAN and L. LABUSCHAGNE 321–325
- SPICKETT, A.M.**
Acaricide resistance profiles of single- and multi-host ticks from communal and commercial farming areas in the Eastern Cape and North-West Provinces of South Africa—S. MEKONNEN, N.R. BRYSON, L.J. FOURIE, R.J. PETER, A.M. SPICKETT, R.J. TAYLOR, T. STRYDOM and I.G. HORAK 99–105
- STRYDOM, T.**
Acaricide resistance profiles of single- and multi-host ticks from communal and commercial farming areas in the Eastern Cape and North-West Provinces of South Africa—S. MEKONNEN, N.R. BRYSON, L.J. FOURIE, R.J. PETER, A.M. SPICKETT, R.J. TAYLOR, T. STRYDOM and I.G. HORAK 99–105
- TAIWO, V.O.**
Non-immune control of trypanosomosis: *In vitro* oxidative burst of PMA- and trypanosome-stimulated neutrophils of Boran and N'Dama cattle—V.O. TAIWO, J.O. ADEJINMI and J.O. OLUWANIYI 155–161
- TAOLE, M.**
Virulence of South African isolates of *Haemophilus paragallinarum*. Part 3: experimentally produced NAD-independent isolate—M. TAOLE, J. ALBERTYN, E. VAN HEERDEN and R.R. BRAGG 189–196
- TAYLOR, R.J.**
Acaricide resistance profiles of single- and multi-host ticks from communal and commercial farming areas in the Eastern Cape and North-West Provinces of South Africa—S. MEKONNEN, N.R. BRYSON, L.J. FOURIE, R.J. PETER, A.M. SPICKETT, R.J. TAYLOR, T. STRYDOM and I.G. HORAK 99–105
- VAN HEERDEN, E.**
Virulence of South African isolates of *Haemophilus paragallinarum*. Part 3: experimentally produced NAD-independent isolate—M. TAOLE, J. ALBERTYN, E. VAN HEERDEN and R.R. BRAGG 189–196
- VAN HEERDEN, HENRIETTE**
The Kümme isolate of *Ehrlichia ruminantium*: *In vitro* isolation, propagation and characterization—E. ZWEYGARTH, ANTOINETTE I. JOSEMANS, M. FRANSI VAN STRIJP, HENRIETTE VAN HEERDEN, MARIA T.E.P. ALLSOPP and B.A. ALLSOPP 147–153

- VAN ROOYEN, J.M.**
The effect of three bufadienolide cardiac glycosides on contraction of isolated rat jejunum—C.J. BOTHA, R. GEHRING, J.M. VAN ROOYEN and D. VENTER 243–246
- VAN STRIJP, M. FRANSI**
The Kümm isolate of *Ehrlichia ruminantium*: *In vitro* isolation, propagation and characterization—E. ZWEYGARTH, ANTOINETTE I. JOSEMANS, M. FRANSI VAN STRIJP, HENRIETTE VAN HEERDEN, MARIA T.E.P. ALLSOPP and B.A. ALLSOPP 147–153
- VAN WYK, LAETITIA**
Freezing of sheep faeces invalidates *Haemonchus contortus* faecal egg counts by the McMaster technique—J.A. VAN WYK and LAETITIA VAN WYK 299–304
- VAN WYK, J.A.**
Freezing of sheep faeces invalidates *Haemonchus contortus* faecal egg counts by the McMaster technique—J.A. VAN WYK and LAETITIA VAN WYK 299–304
- VAN ZYL, W.**
Hosts, seasonal occurrence and life cycle of *Rhipicentor nuttalli* (Acari: Ixodidae)—L.J. FOURIE, I.G. HORAK, D.J. KOK and W. VAN ZYL 177–187
- VATTA, A.F.**
Amphistome infection of goats farmed under resource-poor conditions in South Africa—A.F. VATTA and R.C. KRECEK 327–329
- VENTER, D.**
The effect of three bufadienolide cardiac glycosides on contraction of isolated rat jejunum—C.J. BOTHA, R. GEHRING, J.M. VAN ROOYEN and D. VENTER 243–246
- VILJOEN, G.J.**
Validation of an indirect enzyme-linked immunosorbent assay for the detection of antibody against *Brucella abortus* in cattle sera using an automated ELISA workstation—J.T. PAWESKA, A.D. POTTS, H.J. HARRIS, S.J. SMITH, G.J. VILJOEN, B. DUNGU, O.L. BRETT, M. BUBB and L. PROZESKY 61–77
Development of a diagnostic one-tube RT-PCR for the detection of Rift Valley fever virus—A. ESPACH, M. ROMITO, L.H. NEL and G.J. VILJOEN 247–252
- VISAGE, CARINA W.**
The classification of seven serotypes of equine encephalosis virus and the prevalence of homologous antibody in horses in South Africa—P.G. HOWELL, DALEEN GROENEWALD, CARINA W. VISAGE, ANNA-MARI BOSMAN, J.A.W. COETZER and A.J. GUTHRIE 79–93
- VORSTER, J.H.**
Teratogenicity of a mutagenised Rift Valley fever virus (MVP 12) in sheep—P. HUNTER, B.J. ERASMUS and J.H. VORSTER 95–98
- WARUIRU, R.M.**
Seasonal availability of gastrointestinal nematode larvae to cattle on pasture in the central highlands of Kenya—R.M. WARUIRU, E.H. WEDA, R.O. OTIENO and J.W. NGOTHO 141–146
- WEDA, E.H.**
Seasonal availability of gastrointestinal nematode larvae to cattle on pasture in the central highlands of Kenya—R.M. WARUIRU, E.H. WEDA, R.O. OTIENO and J.W. NGOTHO 141–146
Strategic control of gastrointestinal nematodes of sheep in the highlands of central Kenya—N. MAINGI, R.O. OTIENO, V.M. MUMBI and E.H. WEDA 229–235
- ZWEYGARTH, E.**
In vitro isolation of equine piroplasms derived from Cape mountain zebra (*Equus zebra zebra*) in South Africa—E. ZWEYGARTH, LAURA, M. LOPEZ-REBOLLAR and P. MEYER 197–200
The Kümm isolate of *Ehrlichia ruminantium*: *In vitro* isolation, propagation and characterization—E. ZWEYGARTH, ANTOINETTE I. JOSEMANS, M. FRANSI VAN STRIJP, HENRIETTE VAN HEERDEN, MARIA T.E.P. ALLSOPP and B.A. ALLSOPP 147–153