

Article #	Journal	Published Articles	DVTD Units	Authors
1	Preventive Veterinary Medicine	An investigation of antimicrobial usage patterns by small animal veterinarians in South Africa.	0.2	John K. Chipangura, Hayley Eagar, Marcia Kgoete, Darrell Abernethy, Vinny Naidoo
2	Lipids in health and disease	Histomorphology, ultrastructure and fatty acid composition of the adipose tissue in pansteatitis, the potentials in understanding the underlying mechanism and diagnosis of pansteatitis in the Nile crocodile	0.2	O. I. Azeez, J. G. Myburgh, R. A. Meintjes, M. C. Oosthuizen and J. P. Chamunorwa
3	Journal of Virological Methods	Evaluation of positive Rift Valley fever virus formalin-fixed paraffin embedded samples as a source of sequence data for retrospective phylogenetic analysis.	0.6	B. Mubemba, P. N. Thompson, L. Odendaal, P. Coetzee, E. H. Venter
4	Journal of Wildlife Diseases, 53(1), 2017, pp. 19–29	Diagnosis and Implications Of Mycobacterium Bovis Infection In Banded Mongooses (Mungos Mungo) In The Kruger National Park, South Africa	0.22	Angela C. Bruns, Manfred Tanner, Mark C. Williams, Louise Botha, Amanda O'Brien, Geoffrey T. Fosgate, Paul D. van Helden, John Clarke, and Anita L. Michel
5	Diseases in wildlife and exotic species	Mycobacterial Arthritis and Synovitis in Painted Reed Frogs (<i>Hyperolius marmoratus</i>)	0.25	M. Barrows*, K. Koeppl†, A. Michel‡ and E. Mitchell
6	Transboundary & Emerging Diseases	Eradication of Transboundary Animal Diseases: Can the Rinderpest Success Story be Repeated?	0.67	G. R. Thomson G. T. Fosgate and M.-L. Penrith
7	PLoS One	In vitro and in vivo effects of kisspeptin antagonists p234, p271, p354, and p356 on GPR54 activation	0.08	C. H. J. Albers-Wolthers*, J. de Gier, M. Walen, P. J. S. van Kooten, C. B. Lambalk, P. A. J. Leegwater ¹ , B. A. J. Roelen, A. C. Schaeffers-Okkens, V. P. M. G. Rutten, R. P. M. Millar, H. S. Kooistra
8	Parasitol Res (2017) 116:685–692	Piroplasms in brown hyaenas (<i>Parahyaena brunnea</i>) and spotted hyaenas (<i>Crocuta crocuta</i>) in Namibia and South Africa are closely related to <i>Babesia lengau</i>	0.5	Richard E. J. Burroughs & Barend L. Penzhorn & Ingrid Wiesel & Nancy Barker & Ilse Vorster & Marinda C. Oosthuizen
9	Veterinary Microbiology	Original Mycobacterial Sin, a consequence of highly homologous antigens?	1	A. O. Jenkins, A. Michel, V. Rutten,

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10	Journal of the South African Veterinary Association	An evaluation of serological tests in the diagnosis of bovine brucellosis in naturally infected cattle in KwaZulu-Natal province in South Africa	0.17	Songelwayo L. Chisi Yoanda Marageni Prebashni Naidoo Gloria Zulu George W. Akol Henriette van Heerden
11	Small Ruminant Research	Utilization of year-round data in the estimation of genetic parameters for internal parasite resistance traits in Dorper sheep	0.14	L. Ngere J.M. Burke, A.D. Herring, J.O. Sanders, T.M. Craig, J.A. van Wyk, D.G. Riley
12	Tropical Animal Health and Production	Production constraints of smallholder pig farms in agro-ecological zones of Mpumalanga, South Africa	0.25	Priscilla Munzhelele ^{1,2} & James Oguttu ² & Olubunmi G. Fasanmi ^{3,4} & Folorunso O. Fasina
13	Ticks and Tick-borne Diseases 8 (2017) 671–674	Efficacy of South African Babesia bovis vaccine against field isolates	0.13	P.C. Troskie, A.A. Latif, B.J. Mans, M.P. Combrink
14	Onderstepoort journal of Veterinary research	B-cell epitopes of African horse sickness virus serotype 4 recognised by immune horse sera	0.5	Evans M. Mathebula, Frederika E. Faber, Wouter van Wyngaardt, Antoinette van Schalkwyk, Alri Pretorius, Jeanni Fehrsen
15	Annual Review of Entomology, 62, 343–358	African Horse Sickness Virus: History, transmission, and current status.	0.2	Carpenter, S., Mellor, P.S., Fall, A.G., Garros, C. & Venter, G.J.
16	Journal of General Virology	Advances in canine distemper viral pathogenesis research: a wildlife perspective.	0.4	Loots Angelika, Mitchell Emily, Dalton Desiré Lee, Kotzé Antoinette and Estelle H Venter
17	International Journal of Infectious Diseases	A situational analysis of current antimicrobial governance, regulation, and utilization in South Africa	0.07	Natalie Schellack, Deon Benjamin, Adrian Brink, Adriano Duse, Kim Faure, Debra Goff, Marc Mendelson, Johanna Meyer, Jacqui Miot, Olga Perovic, Troy Pople, Fatima Suleman, Moritz van Vuuren, Sabiha Essack
18	Journal of the South African Veterinary Association	Census and vaccination coverage of owned dog populations in four resource-limited rural communities, Mpumalanga province, South Africa	0.17	Anne Conan, Joy A.C. Geerdes, Oluyemisi A. Akerele, Bjorn Reininghaus, Gregory J.G. Simpson, Darryn Knobel
19	Journal of Biogeography (2017) 44, 1124–1136	The effect of host vicariance and parasite life history on the dispersal of the multi-host ectoparasite, <i>Hyalomma truncatum</i>	0.2	Arthur F. Sands, Dmitry A. Apanaskevich, Sonja Matthee, Ivan G. Horak and Conrad A. Matthee

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20	Onderstepoort Journal of Veterinary Research	Parasites of domestic and wild animals in South Africa. L. Ixodid ticks infesting horses and donkeys	0.2	Ivan G. Horak, Heloise Heyne, Ali Halajian, Shalaine Booysen & Willem J. Smit
21	Onderstepoort Journal of Veterinary Research	Comparison of three nucleic acid-based tests for detecting <i>Anaplasma marginale</i> and <i>Anaplasma centrale</i> in cattle	0.7	Mamohale E. Chaisi, Janine R. Baxter, Paidashe Hove, Chimvwele N. Choopa, Marinda C. Oosthuizen, Kelly A. Brayton, Zamantungwa T.H. Khumalo, Awelani M. Mutshembele, Moses S. Mtshali, Nicola E. Collins
22	Parasites and Vectors	Black-backed jackals (<i>Canis mesomelas</i>) are natural hosts of <i>Babesia rossi</i> , the virulent causative agent of canine babesiosis in sub-Saharan Africa	0.75	Barend L. Penzhorn, Ilse Vorster, Robert F. Harrison-White and Marinda C. Oosthuizen
23	African Journal of Ecology	Ixodid tick diversity on wild mammals, birds and reptiles in and around Etosha National Park, Namibia	0.25	Wendy C. Turner, Martina K€usters, Wilferd Versfeld and Ivan G. Horak
24	Journal of Wildlife Diseases, 53(1), 2017, pp. 54–61	Surveillance for Viral and Parasitic Pathogens In A Vulnerable African Lion (<i>Panthera Leo</i>) Population in the Northern Tuli Game Reserve, Botswana	0.17	Kimberly R. McDermid, Andrei Snyman, Frederick J. Verreyne, John P. Carroll, Banie L. Penzhorn, and Michael J. Yabsley
25	BMC Veterinary Research	Protection of farm goats by combinations of recombinant peptides and formalinin activated spores from a lethal <i>Bacillus anthracis</i> challenge under field conditions	0.18	Susanne M. Koehler; Fatih Buyuk; Ozgur Celebi; Hayati Demiraslan; Mehmet Doganay; Mitat Sahin; Jens Moehring; Okechukwu C. Ndumnego; Salih Otlu; Henriette van Heerden; Wolfgang Beyer
26	Experimental Applied Acarology	Molecular detection of pathogens in ticks infesting cattle in Nampula province, Mozambique	0.14	Ana Marc'lia Matsimbe • Vlademiro Magaia • Gustavo Seron Sanches • Lu' s Neves • Emi'lia Noormahomed • Sandra Antunes • Ana Domingos
27	Frontiers in Cellular and Infection Microbiology	Gene Duplication and Protein Evolution in Tick-Host Interactions	0.13	Ben J. Mans, Jonathan Featherston, Minique H. de Castro and Ronel Pienaar
28	Journal of Veterinary Medicine and Animal Health, Vol. 9(7), pp. 159-185,	Bacterial pathogens of pigs with particular reference to <i>Escherichia coli</i> : A systematic review and meta-analysis	0	Rukayya Hussain Abubakara, Evelyn Madoroba, Olubukola Adenubi, Darshana Morar-Leather and Folorunso O. Fasina

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29	Infection, Genetics and Evolution 51 (2017) 235–238	Progenitor strain introduction of <i>Mycobacterium bovis</i> at the wildlife-livestock interface can lead to clonal expansion of the disease in a single ecosystem	0.09	Anzaan Dippenaar , Sven David Charles Parsons , Michele Ann Miller , Tiny Hlokwe, Nicolaas Claudius Gey van Pittius , Sabir Abdu Adroub , Abdallah Musa Abdallah , Arnab Pain , Robin Mark Warren , Anita Luise Michel , Paul David van Helden
30	Molecular Immunology 91 (2017) 238–248	Innate immune transcriptomic evaluation of PBMC isolated from sheep after infection with <i>E. ruminantium</i> Welgevonden strain	0.6	T. Nefefe, J. Liebenberg, M. van Kleef, H.C. Steyn, A. Pretorius
31	SOJ Microbiology and Infectious Diseases	Evaluating the Brucellin Skin Test as an Additional Test to Control Bovine Brucellosis	0	Nhamo Nyanhongo, Melinda Hansen, Ingebjorg H Nymo, Godfroid and Anita L. Michel
32	Onderstepoort Journal of Veterinary Research	Parasites of domestic and wild animals in South Africa. LI. Ticks infesting leopard tortoises <i>Stigmochelys pardalis</i> , hingeback tortoises <i>Kinixys zombensis</i> and angulate tortoises <i>Chersina angulata</i>	0.33	Ivan G. Horak, Ashley Pearcy, Kyle J. Lloyd
33	Genome announcements	Genome Sequences of Crimean-Congo Hemorrhagic Fever Virus Strains Isolated in South Africa, Namibia, and Turkey	0	Marko Zivcec, ^a Cesar G. Albarino, ^a Lisa I. W. Guerrero, ^a Thomas G. Ksiazek, ^b Stuart T. Nichol, ^a Robert Swanepoel, ^c Pierre E. Rollin, ^a Christina F. Spiropoulou ^a
34	CAB Reviews 2017 12, No. 025	Review of microbial zoonoses in Slaughterhouses and identified potential critical risk points along red meat processing chain in Nigeria	0.25	Olubunmi G. Fasanmi, Fatima A. Balogun, Grace E.O. Makinde and Folorunso O. Fasina
35	Trop. Med. Infect. Dis. 2017, 2, 26	Sero-Surveillance of Lyssavirus Specific Antibodies in Nigerian Fruit Bats (<i>Eidolon helvum</i>)	0	Dinchi A. Tyem , Banenat B. Dogonyaro , Timothy A. Woma , Ernest Chuene Ngoepe and Claude Taurai Sabeta
36	PloS one, 12(4), p.e0174652.	The current status of resistance to alpha-cypermethrin, ivermectin, and amitraz of the cattle tick (<i>Rhipicephalus microplus</i>) in Ecuador	0.17	Rodríguez-Hidalgo, R., Pérez-Otáñez, X., Garcés-Carrera, S., Vanwambeke, S.O., Madder, M. and Benítez-Ortiz, W.

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37	Molecular Phylogenetics and Evolution 114 (2017) 153–165	Effects of tectonics and large scale climatic changes on the evolutionary history of <i>Hyalomma ticks</i>	0.09	Arthur F. Sands, Dmitry A. Apanaskevich , Sonja Matthee , Ivan G. Horak , Alan Harrison, Shahid Karim , Mohammad K. Mohammad, Kosta Y. Mumcuoglu , Rupika S. Rajakaruna , Maria M. Santos-Silva , Conrad A. Matthee
38	PloS One	Immune response profiles of calves following vaccination with live BCG and inactivated <i>Mycobacterium bovis</i> vaccine candidates	0.56	E. M. D. L. van der Heijden, J. Chileshe, J. C. M. Vernooij, C. Gortazar, R. A. Juste, I. Sevilla, J. E. Crafford, V. P. M. G. Rutten, A. L. Michel
39	Genome Announcement, Volume 5 Issue 27 e00603-17	Genome sequences of three vaccine strains and two wild-type canine distemper virus strains from a recent disease outbreak in South Africa.	0.4	Angelika K. Loots, Morné Du Plessis, Desiré Lee Dalton, Emily Mitchell and Estelle H Venter
40	East African Health Research Journal 2017 Volume 1 Number 1	Tuberculosis Infection: Occurrence and Risk Factors in Presumptive Tuberculosis Patients of the Serengeti Ecosystem in Tanzania	0	Erasto VMbugi, Bugwesa Z Katale, Athumani MLupindu, Julius D Keyyu, Sharon L Kendall, Hazel MDockrell, Anita L Michel, Mecky I Matee, Paul D van Helden
41	Onderstepoort Journal of Veterinary Research	Parasites of domestic and wild animals in South Africa. XLIX. Ticks (Acari: Ixodidae) infesting white and black rhinoceroses in southern Africa	0.1	Ivan G. Horak, Christiaan R. Boshoff, David V. Cooper, Christopher M. Foggin, Danny Govender, Alan Harrison, Guy Hausler, Markus Hofmeyr, J. Werner Kilian, Duncan N. MacFadyen, Pierre J. Nel Dean Peinke, David Squarre, David Zimmermann
42	PloS One	Experimental <i>Mycobacterium bovis</i> infection in three white rhinoceroses (<i>Ceratotherium simum</i>): Susceptibility, clinical and anatomical pathology	0.22	E. M. D. L. van der Heijden, J. Chileshe, J. C. M. Vernooij, C. Gortazar, R. A. Juste, I. Sevilla, J. E. Crafford, V. P. M. G. Rutten, A. L. Michel
43	Transboundary and Emerging Diseases. 64 (2017) 729–745	Capripoxvirus diseases: current status and opportunities for control	0.08	Tuppurainen, E.S.M, Venter, E.H., Shisler, J.L., Gari, G., Mekonnen, G.A., Juleff, N., Lyons, N. A., De Clercq, K., Upton, C., Bowden, T., Babiuk, S., Babiuk, L.A. (2016).
44	Microbes and Infection	Comparison of G protein sequences of South African street rabies viruses showing distinct progression of the disease in a mouse model of experimental rabies	0.43	Wonhyo Seo , Alexandre Servat , Florence Cliquet , Jenkins Akinbowale , Christophe Prehaud , Monique Lafon , Claude Sabeta

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45	Microbes and Infection 19 (2017) 476e484	Investigation of rabies virus glycoprotein carboxyl terminus as an in vitro predictive tool of neurovirulence. A 3R approach	0.4	Wonhyo Seo , Christophe Prehaud, Zakir Khan, Claude Sabeta , Monique Lafon
46	Parasites & Vectors	Efficient high-throughput molecular method to detect <i>Ehrlichia ruminantium</i> in ticks	0.14	Nídia Cangí; Valérie Pinarello; Laure Bournez; Thierry Lefrançois; Emmanuel Albina; Luís Neves; Nathalie Vachieri.
47	Veterinary World, EISSN: 2231-0916	Public health concerns of highly pathogenic avian influenza H5N1 endemicity in Africa	0.25	Olubunmi Gabriel Fasanmi, Ismail Ayoade Odetokun, Fatima Adeola Balogun and Foloruso Oludayo Fasina
48	PLoS Neglected Tropical Diseases	Evaluation of radiation sensitivity and mating performance of <i>Glossina brevipalpis</i> males	0.14	De Beer, C.J., Moyaba, P., Boikanyo, S.N.B., Majatladi, D., Yamada, Y., Venter, G.J. & Vreysen, M.J.B.
49	Veterinary Research	Use of the mice passive protection test to evaluate the humoral response in goats vaccinated with Sterne 34F2 live spore vaccine	0.67	Phumudzo H Phaswana; Okechukwu C Ndumnego; Susanne M Koehler; Wolfgang Beyer; Jannie E Crafford; Henriette van Heerden
50	Southern African Journal of Infectious Diseases	Crimean-Congo haemorrhagic fever presenting with undiagnosed chronic myeloid leukaemia	0.17	Coetzee MJ, Blumberg LH, Paweska JT, Leman P, Swanepoel R, de Kock A.
51	Onderstepoort Journal of Veterinary Research	A retrospective study of anthrax on the Ghaap Plateau, Northern Cape province of South Africa, with special reference to the 2007–2008 outbreaks	0.6	Ayesha Hassim, Edgar H. Dekker, Charles Byaruhanga, Tommy Reardon, Henriette van Heerden
52	Euro Surveillance	Cross-sectional surveillance of Middle East respiratory syndrome coronavirus (MERS-CoV) in dromedary camels and other mammals in Egypt, August 2015 to January 2016	0.05	Ali M, El-Shesheny R, Kandeil A, Shehata M, Elsokary B, Gomaa M, Hassan N, El Sayed A, El-Taweel A, Sobhy H, Fasina FO, Dauphin G, El Masry I, Wolde AW, Daszak P, Miller M, VonDobschuetz S, Morzaria S, Lubroth J, Makonnen YJ.
53	Ticks and Tick-borne Diseases, 8(4), pp.540-546.	A comparative test of ixodid tick identification by a network of European researchers	0.05	Estrada-Peña, A., D'Amico, G., Palomar, A.M., Dupraz, M., Fonville, M., Heylen, D., Habela, M.A., Hornok, S., Lempereur, L., Madder, M. and Nuncio, M.S.

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54	Journal of the South African Veterinary Association	Range expansion of the economically important Asiatic blue tick, <i>Rhipicephalus microplus</i> , in South Africa	0.25	Nkululeko Nyangiwe, Ivan G. Horak, Luther van der Mescht, Sonja Matthee
55	Koedoe	Habitat structure and diversity influence the nesting success of an endangered large cavity-nesting bird, the Southern Ground-hornbill	0.25	Leigh Combrink, Hendrik J. Combrink, André J. Botha, Colleen T. Downs
56	Rev. Sci. Tech. Off. Int. Epiz., 2017, 36 (1), 163-174	Assessing the extent and use of risk analysis methodologies in Africa, using data derived from the Performance of Veterinary Services (PVS) Pathway	0.67	P. Bastiaensen, D. Abernethy & E. Etter
57	Vaccine	Evaluation of immune responses of stabilised SAT2 antigens of foot-and-mouth disease in cattle	0.25	KA Scott, NM Rathogwa, AV Capozzo, FF Maree
58	One Health	The first report of <i>Escherichia fergusonii</i> isolated from non-human primates, in Africa	1	Barbara Glover, Jeanette Wentzel, Akinbowale Jenkins, Moritz Van Vuuren
59	Transboundary and Emerging Diseases	Tuberculosis in Rhinoceros: An Underrecognized Threat?	0.25	M. Miller, A. Michel, P. van Helden and P. Buss
60	Journal of Virology	SAT2 Foot-and-Mouth Disease Virus Structurally Modified for Increased Thermostability	0.13	Katherine A. Scott, Abhay Kotecha, Julian Seago, Jingshan Ren, Elizabeth E. Fry, David I. Stuart, Bryan Charleston, Francois F. Maree
61	Journal of Thermal Biology	Nest temperature fluctuations in a cavity nester, the southern ground-hornbill	0.25	L. Combrink, H.J. Combrink, A.J. Botha, C.T. Downs
62	Vaccine	Dynamics of African horse sickness virus nucleic acid and antibody in horses following immunization with a commercial polyvalent live attenuated vaccine	0.29	C.T. Weyer, J.D. Grewar, P. Burger, C. Joone, C. Lourens, N.J. MacLachlan, A.J. Guthrie
63	Medical and Veterinary Entomology	Shifts in the distribution of ixodid ticks parasitizing cattle in Zimbabwe	0.2	M. SUNGIRAI, E.N. ABATIH, D.Z. MOYO, P. DE CLERCQ and M. MADDER
64	Parasites and Vectors	New insights from Gorongosa National Park and Niassa National Reserve of Mozambique increasing the genetic diversity of <i>Trypanosoma vivax</i> and <i>Trypanosoma vivax</i> -like in tsetse flies, wild ungulates and livestock from East Africa	0.09	Carla MF Rodrigues, Herakles A Garcia, Adriana C Rodrigues, André G Costa-Martins, Carlos L Pereira, Dagmar L Pereira, Zakaria Bengaly, Luis Neves, Erney P Camargo, Patrick B Hamilton and Marta MG Teixeira

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65	Journal of the South African Veterinary	Use of <i>Brucella abortus</i> species specific polymerase chain reaction assay for the diagnosis of bovine brucellosis	0.25	Songelwayo L. Chisi, Tracy Schmidt, George W. Akol, Henriette van Heerden
66	Frontiers in Immunology	The Kinetics of the humoral and interferon-gamma immune responses to experimental <i>Mycobacterium bovis</i> infection in the White rhinoceros (<i>Ceratotherium simum</i>)	0.33	Sven D. C. Parsons, Darshana Morar-Leather, Peter Buss, Jennifer Hofmeyr, Ross McFadyen ¹ , Victor P. M. G. Rutten, Paul D. van Helden, Michele A. Miller and Anita Luise Michel
67	Parasites & Vectors (2017) 10:384	Sialotranscriptomics of <i>Rhipicephalus zambeziensis</i> reveals intricate expression profiles of secretory proteins and suggests tight temporal transcriptional regulation during blood-feeding	0.3	Minique Hilda de Castro, Daniel de Klerk, Ronel Pienaar, D Jasper G Rees and Ben J Mans
68	CAB Reviews 2017	Retrospective studies of abattoir zoonoses in Nigeria: public health implications	0.25	Olubunmi Gabriel Fasanmi, Isaac Olusegun Ayodeji, Nurudeen Olalekan Oloso and Folorunso Oludayo Fasina
69	CAB Reviews 2018	Salmonellosis as a neglected emerging zoonotic threat in Africa: situation in South Africa	0.4	Nurudeen Oloso, Folorunso O. Fasina, Olubunmi G. Fasanmi, Henriette vanHeerden and Abiodun A. Adesiyun
70	Transboundary and Emerging Diseases	Isolation and Potential for Transmission of <i>Mycobacterium bovis</i> at Human–livestock–wildlife Interface of the Serengeti Ecosystem, Northern Tanzania	0.07	B. Z. Katale, E. V.Mbugi, K. K. Siame, J. D. Keyyu, S. Kendall, R. R. Kazwala, H. M. Dockrell, R. D. Fyumagwa, A. L. Michel, M. Rweyemamu, E. M. Streicher, R. M. Warren, P. van Helden and M. I. Matee
71	Int J Syst Evol Microbiol 2017;67:832–838	<i>Mycobacterium malmesburyense</i> sp. nov., a non-tuberculous species of the genus <i>Mycobacterium</i> revealed by multiple gene sequence characterization	0.6	Nomakorinte Gcebe, Victor Rutten, Nicolaas Gey van Pittius, Brendon Naicker and Anita Michel
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