

# David O Odongo

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,114  
citations

361413

20  
h-index

434195

31  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of tick-transmitted pathogens in cattle reveals that <i>Theileria parva</i> , <i>Babesia bigemina</i> and <i>Anaplasma marginale</i> are endemic in Burundi. <i>Parasites and Vectors</i> , 2021, 14, 6.	2.5	9
2	Limited diversity in the CD8+ antigen-coding loci in <i>Theileria parva</i> parasites from cattle from southern and eastern Africa. <i>Veterinary Parasitology</i> , 2021, 291, 109371.	1.8	0
3	Variant analysis of the sporozoite surface antigen gene reveals that asymptomatic cattle from wildlife-livestock interface areas in northern Tanzania harbour buffalo-derived <i>T. parva</i> . <i>Parasitology Research</i> , 2020, 119, 3817-3828.	1.6	3
4	Microsatellite and minisatellite genotyping of <i>Theileria parva</i> population from southern Africa reveals possible discriminatory allele profiles with parasites from eastern Africa. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101539.	2.7	3
5	Baseline analysis of <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> antigens as targets for a DIVA assay for use with a subunit vaccine for contagious bovine pleuropneumonia. <i>BMC Veterinary Research</i> , 2020, 16, 236.	1.9	4
6	Analysis of p67 allelic sequences reveals a subtype of allele type 1 unique to buffalo-derived <i>Theileria parva</i> parasites from southern Africa. <i>PLoS ONE</i> , 2020, 15, e0231434.	2.5	7
7	Diversity of <i>Taenia</i> and <i>Hydatigera</i> (Cestoda: Taeniidae) in domestic dogs in Kenya. <i>Parasitology Research</i> , 2020, 119, 2863-2875.	1.6	5
8	Unique Mitochondrial Single Nucleotide Polymorphisms Demonstrate Resolution Potential to Discriminate <i>Theileria parva</i> Vaccine and Buffalo-Derived Strains. <i>Life</i> , 2020, 10, 334.	2.4	3
9	Equid infective <i>Theileria</i> cluster in distinct 18S rRNA gene clades comprising multiple taxa with unusually broad mammalian host ranges. <i>Parasites and Vectors</i> , 2020, 13, 261.	2.5	19
10	A review of recent research on <i>Theileria parva</i> : Implications for the infection and treatment vaccination method for control of East Coast fever. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 56-67.	3.0	28
11	Antigen gene and variable number tandem repeat ( VNTR ) diversity in <i>Theileria parva</i> parasites from Ankole cattle in southwestern Uganda: Evidence for conservation in antigen gene sequences combined with extensive polymorphism at VNTR loci. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 99-107.	3.0	1
12	Multilocus genotyping of <i>Theileria parva</i> isolates associated with a live vaccination trial in Kenya provides evidence for transmission of immunizing parasites into local tick and cattle populations. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 88-98.	3.0	4
13	First detection of <i>Theileria parva</i> in cattle from Cameroon in the absence of the main tick vector <i>Rhipicephalus appendiculatus</i> . <i>Transboundary and Emerging Diseases</i> , 2020, 67, 68-78.	3.0	11
14	Seroprevalence of foot-and-mouth disease virus in cattle herds raised in Maasai Mara ecosystem in Kenya. <i>Preventive Veterinary Medicine</i> , 2020, 176, 104929.	1.9	5
15	Differential response to plant- and human-derived odorants in field surveillance of the dengue vector, <i>Aedes aegypti</i> . <i>Acta Tropica</i> , 2019, 200, 105163.	2.0	15
16	Zoonotic Pathogen Seroprevalence in Cattle in a Wildlife-Livestock Interface, Kenya. <i>EcoHealth</i> , 2019, 16, 712-725.	2.0	20
17	A participatory epidemiological study of major cattle diseases amongst Maasai pastoralists living in wildlife-livestock interfaces in Maasai Mara, Kenya. <i>Tropical Animal Health and Production</i> , 2019, 51, 1097-1103.	1.4	20
18	Spatial distribution, prevalence and potential risk factors of Tungiasis in Vihiga County, Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007244.	3.0	17

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19	Genetic and antigenic variation of the bovine tick-borne pathogen <i>Theileria parva</i> in the Great Lakes region of Central Africa. <i>Parasites and Vectors</i> , 2019, 12, 588.	2.5	11
20	THEILERIOSIS IN MOUNTAIN BONGO REPATRIATED TO KENYA: A CLINICAL AND MOLECULAR INVESTIGATION. <i>Journal of Zoo and Wildlife Medicine</i> , 2019, 50, 342.	0.6	3
21	Molecular characterization of <i>Echinococcus</i> species in dogs from four regions of Kenya. <i>Veterinary Parasitology</i> , 2018, 255, 49-57.	1.8	27
22	Genetic diversity and population structure of <i>Theileria parva</i> in South Sudan. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 806-813.	2.7	11
23	Prevalence and genotyping of <i>Echinococcus granulosus</i> in sheep in Narok County, Kenya. <i>Parasitology Research</i> , 2018, 117, 2065-2073.	1.6	12
24	Discovery of a novel species, <i>Theileria haneyi</i> n. sp., infective to equids, highlights exceptional genomic diversity within the genus <i>Theileria</i> : implications for apicomplexan parasite surveillance. <i>International Journal for Parasitology</i> , 2018, 48, 679-690.	3.1	61
25	Preliminary Findings of Lipoprotein B in Detecting Cattle Chronically Infected with Contagious Bovine Pleuropneumonia. <i>Journal of Veterinary Science &amp; Medical Diagnosis</i> , 2018, 07, .	0.0	1
26	Novel <i>Rickettsia</i> and emergent tick-borne pathogens: A molecular survey of ticks and tick-borne pathogens in Shimba Hills National Reserve, Kenya. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 208-218.	2.7	44
27	Secondary bacterial infections and antibiotic resistance among tungiasis patients in Western, Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005901.	3.0	22
28	Induction of humoral immune response to multiple recombinant <i>Rhipicephalus appendiculatus</i> antigens and their effect on tick feeding success and pathogen transmission. <i>Parasites and Vectors</i> , 2016, 9, 484.	2.5	25
29	Bioactivity and toxicity of <i>Bridelia micrantha</i> , <i>Chenopodium ambrosoides</i> and <i>Ocimum americanum</i> plant extracts. <i>International Journal of Basic and Clinical Pharmacology</i> , 2016, 6, 5.	0.1	4
30	The genomes of three stocks comprising the most widely utilized live sporozoite <i>Theileria parva</i> vaccine exhibit very different degrees and patterns of sequence divergence. <i>BMC Genomics</i> , 2015, 16, 729.	2.8	31
31	<i>Trypanosoma</i> Infection Rates in <i>Glossina</i> Species in Mtito Andei Division, Makueni County, Kenya. <i>Journal of Parasitology Research</i> , 2015, 2015, 1-8.	1.2	7
32	Molecular evolution of a central region containing B cell epitopes in the gene encoding the p67 sporozoite antigen within a field population of <i>Theileria parva</i> . <i>Parasitology Research</i> , 2015, 114, 1729-1737.	1.6	15
33	The African buffalo parasite <i>Theileria</i> , sp. (buffalo) can infect and immortalize cattle leukocytes and encodes divergent orthologues of <i>Theileria parva</i> antigen genes. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2015, 4, 333-342.	1.5	32
34	Identification and sequence characterization of novel <i>Theileria</i> genotypes from the waterbuck ( <i>Kobus</i> ) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.8	27
35	Immunization of cattle with Ra86 impedes <i>Rhipicephalus appendiculatus</i> nymphal-to-adult molting. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 170-178.	2.7	12
36	Prevalence of livestock diseases and their impact on livelihoods in Central Equatoria State, southern Sudan. <i>Preventive Veterinary Medicine</i> , 2012, 104, 216-223.	1.9	31

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37	Two <i>Theileria parva</i> CD8 T Cell Antigen Genes Are More Variable in Buffalo than Cattle Parasites, but Differ in Pattern of Sequence Diversity. <i>PLoS ONE</i> , 2011, 6, e19015.	2.5	62
38	Differential transcription of two highly divergent gut-expressed Bm86 antigen gene homologues in the tick <i>Rhipicephalus appendiculatus</i> (Acari: Ixodida). <i>Insect Molecular Biology</i> , 2011, 20, 105-114.	2.0	14
39	A nested PCR assay exhibits enhanced sensitivity for detection of <i>Theileria parva</i> infections in bovine blood samples from carrier animals. <i>Parasitology Research</i> , 2010, 106, 357-365.	1.6	59
40	Quantification of <i>Theileria parva</i> in <i>Rhipicephalus appendiculatus</i> (Acari: Ixodidae) Confirms Differences in Infection Between Selected Tick Strains. <i>Journal of Medical Entomology</i> , 2009, 46, 888-894.	1.8	23
41	Identification of a synthetic peptide inducing cross-reactive antibodies binding to <i>Rhipicephalus</i> ( <i>Boophilus</i> ) <i>decoloratus</i> , <i>Rhipicephalus</i> ( <i>Boophilus</i> ) <i>microplus</i> , <i>Hyalomma anatolicum anatolicum</i> and <i>Rhipicephalus appendiculatus</i> BM86 homologues. <i>Vaccine</i> , 2009, 28, 261-269.	3.8	21
42	<i>Theileria</i> . , 2009, , 191-231.		10
43	Vaccination of cattle with TickGARD induces cross-reactive antibodies binding to conserved linear peptides of Bm86 homologues in <i>Boophilus decoloratus</i> . <i>Vaccine</i> , 2007, 25, 1287-1296.	3.8	62
44	Linkage disequilibrium between alleles at highly polymorphic mini- and micro-satellite loci of <i>Theileria parva</i> isolated from cattle in three regions of Kenya. <i>International Journal for Parasitology</i> , 2006, 36, 937-946.	3.1	30
45	Subunit vaccine based on the p67 major surface protein of <i>Theileria parva</i> sporozoites reduces severity of infection derived from field tick challenge. <i>Vaccine</i> , 2005, 23, 3084-3095.	3.8	57
46	Specific PCR Assay for a Tannin-Tolerant <i>Selenomonas ruminantium</i> Isolate, Derived from Helicase Coding Sequences. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3180-3182.	3.1	4
47	A panel of microsatellite and minisatellite markers for the characterisation of field isolates of <i>Theileria parva</i> . <i>International Journal for Parasitology</i> , 2003, 33, 1641-1653.	3.1	77
48	Phylogenetic analysis of the microbial populations in the wild herbivore gastrointestinal tract: insights into an unexplored niche. <i>Environmental Microbiology</i> , 2003, 5, 1212-1220.	3.8	95
49	A Simple Method for Storing Mosquito Bloodmeals for Human DNA Profiling. <i>International Journal of Tropical Insect Science</i> , 2002, 22, 155-158.	1.0	0
50	Genomic Polymorphism, Sexual Recombination and Molecular Epidemiology of <i>Theileria Parva</i> . <i>World Class Parasites</i> , 2002, , 23-39.	0.3	10
51	Characterization of Tannin-tolerant Bacterial Isolates from East African Ruminants. <i>Anaerobe</i> , 2001, 7, 5-15.	2.1	40