

Sven Parsons

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,710
citations

279487

23
h-index

315357

38
g-index

68
all docs

68
docs citations

68
times ranked

1647
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine biomarker discovery in the white rhinoceros (<i>Ceratotherium simum</i>). <i>Veterinary Immunology and Immunopathology</i> , 2021, 232, 110168.	0.5	2
2	Review of Diagnostic Tests for Detection of <i>Mycobacterium bovis</i> Infection in South African Wildlife. <i>Frontiers in Veterinary Science</i> , 2021, 8, 588697.	0.9	31
3	Optimisation of the tuberculin skin test for detection of <i>Mycobacterium bovis</i> in African buffaloes (<i>Syncerus caffer</i>). <i>Preventive Veterinary Medicine</i> , 2021, 188, 105254.	0.7	6
4	Shedding of <i>Mycobacterium bovis</i> in respiratory secretions of free-ranging wild dogs (<i>Lycoproterus</i>) in the Overberg region of South Africa. <i>Journal of Wildlife Diseases</i> , 2021, 68, 2581-2588.	1.3	6
5	Development of a cytokine gene expression assay for the relative quantification of the African elephant (<i>Loxodonta africana</i>) cell-mediated immune responses. <i>Cytokine</i> , 2021, 141, 155453.	1.4	1
6	Combining Analytical Approaches and Multiple Sources of Information to Improve Interpretation of Diagnostic Test Results for Tuberculosis in Wild Meerkats. <i>Animals</i> , 2021, 11, 3453.	1.0	4
7	The Xpert MTB/RIF Ultra assay detects <i>Mycobacterium tuberculosis</i> complex DNA in white rhinoceros (<i>Ceratotherium simum</i>) and African elephants (<i>Loxodonta africana</i>). <i>Scientific Reports</i> , 2020, 10, 14482.	1.6	22
8	<i>Mycobacterium orygis</i> : a zoonosis, zoonoanthroposis, or both?. <i>Lancet Microbe</i> , The, 2020, 1, e240.	3.4	5
9	The VetMAX [®] M. tuberculosis complex PCR kit detects MTBC DNA in antemortem and postmortem samples from white rhinoceros (<i>Ceratotherium simum</i>), African elephants (<i>Loxodonta africana</i>) and African buffaloes (<i>Syncerus caffer</i>). <i>BMC Veterinary Research</i> , 2020, 16, 220.	0.7	9
10	Test Characteristics of Assays to Detect Infection in High-Prevalence African Buffalo (<i>Syncerus caffer</i>) Herds. <i>Journal of Wildlife Diseases</i> , 2020, 56, 462-465.	0.3	2
11	Impact of <i>Mycobacterium bovis</i> -induced pathology on interpretation of QuantiFERON [®] -TB Gold assay results in African buffaloes (<i>Syncerus caffer</i>). <i>Veterinary Immunology and Immunopathology</i> , 2019, 217, 109923.	0.5	8
12	The <i>Mycobacterium tuberculosis</i> Complex in Africa. , 2019, , 73-86.		1
13	An interferon-gamma release assay for the diagnosis of the <i>Mycobacterium bovis</i> infection in white rhinoceros (<i>Ceratotherium simum</i>). <i>Veterinary Immunology and Immunopathology</i> , 2019, 217, 109931.	0.5	17
14	Fatal Tuberculosis in a Free-Ranging African Elephant and One Health Implications of Human Pathogens in Wildlife. <i>Frontiers in Veterinary Science</i> , 2019, 6, 18.	0.9	28
15	<i>Mycobacterium bovis</i> Infection in African Wild Dogs, Kruger National Park, South Africa. <i>Emerging Infectious Diseases</i> , 2019, 25, 1425-1427.	2.0	21
16	Parallel measurement of IFN- γ and IP-10 in QuantiFERON [®] -TB Gold (QFT) plasma improves the detection of <i>Mycobacterium bovis</i> infection in African buffaloes (<i>Syncerus caffer</i>). <i>Preventive Veterinary Medicine</i> , 2019, 169, 104700.	0.7	16
17	A commercial ELISA for detection of interferon gamma in white rhinoceros. <i>Journal of Veterinary Diagnostic Investigation</i> , 2019, 31, 531-536.	0.5	11
18	PERFORMANCE OF THE TUBERCULIN SKIN TEST IN MYCOBACTERIUM BOVIS-EXPOSED AND UNEXPOSED AFRICAN LIONS (<i>PANTHERA LEO</i>). <i>Journal of Wildlife Diseases</i> , 2019, 55, 537.	0.3	8

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19	Cytokine gene expression assay as a diagnostic tool for detection of <i>Mycobacterium bovis</i> infection in warthogs (<i>Phacochoerus africanus</i>). <i>Scientific Reports</i> , 2019, 9, 16525.	1.6	7
20	AN INTERFERON GAMMA RELEASE ASSAY FOR THE DETECTION OF IMMUNE SENSITIZATION TO MYCOBACTERIUM BOVIS IN AFRICAN WILD DOGS (LYCAON PICTUS). <i>Journal of Wildlife Diseases</i> , 2019, 55, 529.	0.3	10
21	MYCOBACTERIUM BOVIS IN FREE-RANGING LIONS (PANTHERA LEO) – EVALUATION OF SEROLOGICAL AND TUBERCULIN SKIN TESTS FOR DETECTION OF INFECTION AND DISEASE. <i>Journal of Zoo and Wildlife Medicine</i> , 2019, 50, 7.	0.3	13
22	Detection of <i>Mycobacterium bovis</i> infection in African buffaloes (<i>Syncerus caffer</i>) using QuantiFERON $\text{A}^{\text{®}}$ -TB Gold (QFT) tubes and the Qiagen cattletype $\text{A}^{\text{®}}$ IFN-gamma ELISA. <i>Veterinary Immunology and Immunopathology</i> , 2018, 196, 48-52.	0.5	23
23	Seroprevalence of <i>Mycobacterium bovis</i> infection in warthogs (<i>Phacochoerus africanus</i>) in bovine tuberculosis-endemic regions of South Africa. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1182-1189.	1.3	18
24	A pilot study evaluating the utility of commercially available antibodies for flow cytometric analysis of <i>Panthera</i> species lymphocytes. <i>BMC Veterinary Research</i> , 2018, 14, 410.	0.7	2
25	Conservation of White Rhinoceroses Threatened by Bovine Tuberculosis, South Africa, 2016–2017. <i>Emerging Infectious Diseases</i> , 2018, 24, 2373-2375.	2.0	23
26	Measuring antigen-specific responses in <i>Mycobacterium bovis</i> -infected warthogs (<i>Phacochoerus</i>)	0.7	10
27	A New Phylogenetic Framework for the Animal-Adapted <i>Mycobacterium tuberculosis</i> Complex. <i>Frontiers in Microbiology</i> , 2018, 9, 2820.	1.5	145
28	Parallel testing increases detection of <i>Mycobacterium bovis</i> -infected African buffaloes (<i>Syncerus</i>)	0.5	13
29	Antigen-specific interferon-gamma release is decreased following the single intradermal comparative cervical skin test in African buffaloes (<i>Syncerus caffer</i>). <i>Veterinary Immunology and Immunopathology</i> , 2018, 201, 12-15.	0.5	8
30	IP-10: A potential biomarker for detection of <i>Mycobacterium bovis</i> infection in warthogs (<i>Phacochoerus africanus</i>). <i>Veterinary Immunology and Immunopathology</i> , 2018, 201, 43-48.	0.5	13
31	Conservation of White Rhinoceroses Threatened by Bovine Tuberculosis, South Africa, 2016–2017. <i>Emerging Infectious Diseases</i> , 2018, 24, 2373-2375.	2.0	1
32	Development of a Gene Expression Assay for the Diagnosis of <i>Mycobacterium bovis</i> Infection in African Lions (<i>Panthera leo</i>). <i>Transboundary and Emerging Diseases</i> , 2017, 64, 774-781.	1.3	27
33	Prevalence and Risk Factors for <i>Mycobacterium bovis</i> Infection in African Lions (<i>Panthera</i>)	0.3	23
34	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. <i>Infection, Genetics and Evolution</i> , 2017, 51, 235-238.	1.0	35
35	Multilaboratory Evaluation of a Novel Lateral Flow Immunochromatographic Assay for Confirming Isolation of <i>Mycobacterium bovis</i> from Veterinary Diagnostic Specimens. <i>Journal of Clinical Microbiology</i> , 2017, 55, 3411-3425.	1.8	6
36	Development of gene expression assays measuring immune responses in the spotted hyena (<i>Crocuta</i>)	0.2	10

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37	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>). <i>Frontiers in Immunology</i> , 2017, 8, 1831.	2.2	16
38	<i>Mycobacterium bovis</i> in a Free-Ranging Black Rhinoceros, Kruger National Park, South Africa, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 557-558.	2.0	25
39	Animal-adapted members of the <i>Mycobacterium tuberculosis</i> complex endemic to the southern African subregion. <i>Journal of the South African Veterinary Association</i> , 2016, 87, 1322.	0.2	21
40	Test performance of three serological assays for the detection of <i>Mycobacterium bovis</i> infection in common warthogs (<i>Phacochoerus africanus</i>). <i>Veterinary Immunology and Immunopathology</i> , 2016, 182, 79-84.	0.5	26
41	The stability of plasma IP-10 enhances its utility for the diagnosis of <i>Mycobacterium bovis</i> infection in African buffaloes (<i>Syncerus caffer</i>). <i>Veterinary Immunology and Immunopathology</i> , 2016, 173, 17-20.	0.5	10
42	Development and evaluation of a diagnostic cytokine-release assay for <i>Mycobacterium suricattae</i> infection in meerkats (<i>Suricata suricatta</i>). <i>BMC Veterinary Research</i> , 2016, 13, 2.	0.7	8
43	Application of Rapid Serologic Tests for Detection of <i>Mycobacterium bovis</i> Infection in Free-Ranging Warthogs (<i>Phacochoerus africanus</i>)—Implications for Antemortem Disease Screening. <i>Journal of Wildlife Diseases</i> , 2016, 52, 180-182.	0.3	11
44	Antigen-Specific IP-10 Release Is a Sensitive Biomarker of <i>Mycobacterium bovis</i> Infection in Cattle. <i>PLoS ONE</i> , 2016, 11, e0155440.	1.1	31
45	IP-10 Is a Sensitive Biomarker of Antigen Recognition in Whole-Blood Stimulation Assays Used for the Diagnosis of <i>Mycobacterium bovis</i> Infection in African Buffaloes (<i>Syncerus caffer</i>). <i>Vaccine Journal</i> , 2015, 22, 974-978.	3.2	36
46	Antemortem Diagnosis of <i>Mycobacterium bovis</i> Infection in Free-ranging African Lions (<i>Panthera leo</i>) and Implications for Transmission. <i>Journal of Wildlife Diseases</i> , 2015, 51, 493-497.	0.3	27
47	Whole genome sequence analysis of <i>Mycobacterium suricattae</i> . <i>Tuberculosis</i> , 2015, 95, 682-688.	0.8	52
48	Baseline Hematologic Results for Free-ranging White Rhinoceros (<i>Ceratotherium simum</i>) in Kruger National Park, South Africa. <i>Journal of Wildlife Diseases</i> , 2015, 51, 916-922.	0.3	8
49	Utility of a Fecal Real-time PCR Protocol for Detection of <i>Mycobacterium bovis</i> Infection in African Buffalo (<i>Syncerus caffer</i>). <i>Journal of Wildlife Diseases</i> , 2014, 50, 140-142.	0.3	2
50	The evaluation of candidate biomarkers of cell-mediated immunity for the diagnosis of <i>Mycobacterium bovis</i> infection in African buffaloes (<i>Syncerus caffer</i>). <i>Veterinary Immunology and Immunopathology</i> , 2014, 162, 198-202.	0.5	15
51	Agreement between assays of cell-mediated immunity utilizing <i>Mycobacterium bovis</i> -specific antigens for the diagnosis of tuberculosis in African buffaloes (<i>Syncerus caffer</i>). <i>Veterinary Immunology and Immunopathology</i> , 2014, 160, 133-138.	0.5	46
52	Novel Cause of Tuberculosis in Meerkats, South Africa. <i>Emerging Infectious Diseases</i> , 2013, 19, 2004-2007.	2.0	81
53	Zoonotic <i>Mycobacterium bovis</i> -induced Tuberculosis in Humans. <i>Emerging Infectious Diseases</i> , 2013, 19, 899-908.	2.0	309
54	Development of a diagnostic gene expression assay for tuberculosis and its use under field conditions in African buffaloes (<i>Syncerus caffer</i>). <i>Veterinary Immunology and Immunopathology</i> , 2012, 148, 337-342.	0.5	12

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55	Detection of Mycobacterium tuberculosis infection in dogs in a high-risk setting. Research in Veterinary Science, 2012, 92, 414-419.	0.9	31
56	Spontaneous Latency in a Rabbit Model of Pulmonary Tuberculosis. American Journal of Pathology, 2012, 181, 1711-1724.	1.9	67
57	Survey of Infections Transmissible Between Baboons and Humans, Cape Town, South Africa. Emerging Infectious Diseases, 2012, 18, 298-301.	2.0	35
58	Modification of the QuantiFERON-TB Gold (In-Tube) assay for the diagnosis of Mycobacterium bovis infection in African buffaloes (Syncerus caffer). Veterinary Immunology and Immunopathology, 2011, 142, 113-118.	0.5	34
59	Mixed infections of Corynebacterium pseudotuberculosis and non-tuberculous mycobacteria in South African antelopes presenting with tuberculosis-like lesions. Veterinary Microbiology, 2011, 147, 340-345.	0.8	25
60	Chronic pulmonary cavitary tuberculosis in rabbits: a failed host immune response. Open Biology, 2011, 1, 110016.	1.5	99
61	Detection of Mycobacterium kansasii infection in a rhesus macaque (Macaca mulatta) using a modified QuantiFERON-TB Gold assay. Veterinary Immunology and Immunopathology, 2010, 136, 330-334.	0.5	16
62	'Emerging' mycobacteria in South Africa : review article. Journal of the South African Veterinary Association, 2009, 80, 210-4.	0.2	11
63	Detection of Mycobacterium tuberculosis infection in chacma baboons (Papio ursinus) using the QuantiFERON-TB Gold (In-Tube) assay. Journal of Medical Primatology, 2009, 38, 411-417.	0.3	20
64	Pulmonary infection due to the dassie bacillus (Mycobacterium tuberculosis complex sp.) in a free-living dassie (rock hyrax Procavia capensis) from South Africa. Tuberculosis, 2008, 88, 80-83.	0.8	25
65	Pulmonary Mycobacterium tuberculosis (Beijing strain) infection in a stray dog : clinical communication. Journal of the South African Veterinary Association, 2008, 79, 95-98.	0.2	20
66	Erythrocyte Morphology and Haemoglobin Types of Neonatal Roan Antelopes (Hippotragus equinus) with Hypochromic Poikilocytic Anaemia. Journal of Comparative Pathology, 2006, 134, 152-160.	0.1	5