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	ZoonoticMycobacterium bovisâ€“induced Tuberculosis in Humans. Emerging Infectious Diseases, 2013, 19, 899-908.	2.0	309
2	A New Phylogenetic Framework for the Animal-Adapted Mycobacterium tuberculosis Complex. Frontiers in Microbiology, 2018, 9, 2820.	1.5	145
3	Chronic pulmonary cavitary tuberculosis in rabbits: a failed host immune response. Open Biology, 2011, 1, 110016.	1.5	99
4	Novel Cause of Tuberculosis in Meerkats, South Africa. Emerging Infectious Diseases, 2013, 19, 2004-2007.	2.0	81
5	Spontaneous Latency in a Rabbit Model of Pulmonary Tuberculosis. American Journal of Pathology, 2012, 181, 1711-1724.	1.9	67
6	Whole genome sequence analysis of Mycobacterium suricattae. Tuberculosis, 2015, 95, 682-688.	0.8	52
7	Agreement between assays of cell-mediated immunity utilizing Mycobacterium bovis-specific antigens for the diagnosis of tuberculosis in African buffaloes (Syncerus caffer). Veterinary Immunology and Immunopathology, 2014, 160, 133-138.	0.5	46
8	IP-10 Is a Sensitive Biomarker of Antigen Recognition in Whole-Blood Stimulation Assays Used for the Diagnosis of Mycobacterium bovis Infection in African Buffaloes (Syncerus caffer). Vaccine Journal, 2015, 22, 974-978.	3.2	36
9	Survey of Infections Transmissible Between Baboons and Humans, Cape Town, South Africa. Emerging Infectious Diseases, 2012, 18, 298-301.	2.0	35
10	Progenitor strain introduction of Mycobacterium bovis at the wildlife-livestock interface can lead to clonal expansion of the disease in a single ecosystem. Infection, Genetics and Evolution, 2017, 51, 235-238.	1.0	35
11	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
12	Detection of Mycobacterium tuberculosis infection in dogs in a high-risk setting. Research in Veterinary Science, 2012, 92, 414-419.	0.9	31
13	Review of Diagnostic Tests for Detection of Mycobacterium bovis Infection in South African Wildlife. Frontiers in Veterinary Science, 2021, 8, 588697.	0.9	31
14	Antigen-Specific IP-10 Release Is a Sensitive Biomarker of Mycobacterium bovis Infection in Cattle. PLoS ONE, 2016, 11, e0155440.	1.1	31
15	Fatal Tuberculosis in a Free-Ranging African Elephant and One Health Implications of Human Pathogens in Wildlife. Frontiers in Veterinary Science, 2019, 6, 18.	0.9	28
16	Antemortem Diagnosis of Mycobacterium bovis Infection in Free-ranging African Lions (Panthera leo) and Implications for Transmission. Journal of Wildlife Diseases, 2015, 51, 493-497.	0.3	27
17	Development of a Gene Expression Assay for the Diagnosis ofMycobacterium bovisInfection in African Lions (Panthera leo). Transboundary and Emerging Diseases, 2017, 64, 774-781.	1.3	27
18	Test performance of three serological assays for the detection of Mycobacterium bovis infection in common warthogs (Phacochoerus africanus). Veterinary Immunology and Immunopathology, 2016, 182, 79-84.	0.5	26

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19	Pulmonary infection due to the dassie bacillus (Mycobacterium tuberculosis complex sp.) in a free-living dassie (rock hyraxâ€"Procavia capensis) from South Africa. Tuberculosis, 2008, 88, 80-83.	0.8	25
20	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
21	Mycobacterium bovis in a Free-Ranging Black Rhinoceros, Kruger National Park, South Africa, 2016. Emerging Infectious Diseases, 2017, 23, 557-558.	2.0	25
22	Prevalence and Risk Factors forMycobacterium bovisInfection in African Lions (Panthera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	23
23	Detection of Mycobacterium bovis infection in African buffaloes (Syncerus caffer) using QuantiFERON Â® -TB Gold (QFT) tubes and the Qiagen cattletype Â® IFN-gamma ELISA. Veterinary Immunology and Immunopathology, 2018, 196, 48-52.	0.5	23
24	Conservation of White Rhinoceroses Threatened by Bovine Tuberculosis, South Africa, 2016â€"2017. Emerging Infectious Diseases, 2018, 24, 2373-2375.	2.0	23
25	The Xpert MTB/RIF Ultra assay detects Mycobacterium tuberculosis complex DNA in white rhinoceros (Ceratotherium simum) and African elephants (Loxodonta africana). Scientific Reports, 2020, 10, 14482.	1.6	22
26	Animal-adapted members of the <i>Mycobacterium tuberculosis</i> complex endemic to the southern African subregion. Journal of the South African Veterinary Association, 2016, 87, 1322.	0.2	21
27	Mycobacterium bovis Infection in African Wild Dogs, Kruger National Park, South Africa. Emerging Infectious Diseases, 2019, 25, 1425-1427.	2.0	21
28	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
29	Detection of Mycobacterium tuberculosis infection in chacma baboons (Papio ursinus) using the QuantiFERONâ€TB Gold (Inâ€Tube) assay. Journal of Medical Primatology, 2009, 38, 411-417.	0.3	20
30	Seroprevalence ofMycobacterium bovisinfection in warthogs (Phacochoerus africanus) in bovine tuberculosis-endemic regions of South Africa. Transboundary and Emerging Diseases, 2018, 65, 1182-1189.	1.3	18
31	An interferon-gamma release assay for the diagnosis of the Mycobacterium bovis infection in white rhinoceros (Ceratotherium simum). Veterinary Immunology and Immunopathology, 2019, 217, 109931.	0.5	17
32	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
33	The Kinetics of the Humoral and Interferon-Gamma Immune Responses to Experimental Mycobacterium bovis Infection in the White Rhinoceros (Ceratotherium simum). Frontiers in Immunology, 2017, 8, 1831.	2.2	16
34	Parallel measurement of IFN-Î³ and IP-10 in QuantiFERONÂ®-TB Gold (QFT) plasma improves the detection of Mycobacterium bovis infection in African buffaloes (Syncerus caffer). Preventive Veterinary Medicine, 2019, 169, 104700.	0.7	16
35	The evaluation of candidate biomarkers of cell-mediated immunity for the diagnosis of Mycobacterium bovis infection in African buffaloes (Syncerus caffer). Veterinary Immunology and Immunopathology, 2014, 162, 198-202.	0.5	15
36	Parallel testing increases detection of Mycobacterium bovis-infected African buffaloes (Syncerus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.5	13

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37	IP-10: A potential biomarker for detection of Mycobacterium bovis infection in warthogs (Phacochoerus africanus). Veterinary Immunology and Immunopathology, 2018, 201, 43-48.	0.5	13
38	MYCOBACTERIUM BOVIS IN FREE-RANGING LIONS (PANTHERA LEO) â€" EVALUATION OF SEROLOGICAL AND TUBERCULIN SKIN TESTS FOR DETECTION OF INFECTION AND DISEASE. Journal of Zoo and Wildlife Medicine, 2019, 50, 7.	0.3	13
39	Development of a diagnostic gene expression assay for tuberculosis and its use under field conditions in African buffaloes (Syncerus caffer). Veterinary Immunology and Immunopathology, 2012, 148, 337-342.	0.5	12
40	'Emerging' mycobacteria in South Africa : review article. Journal of the South African Veterinary Association, 2009, 80, 210-4.	0.2	11
41	Application of Rapid Serologic Tests for Detection of Mycobacterium bovis Infection in Free-Ranging Warthogs (Phacochoerus africanus)â€"Implications for Antemortem Disease Screening. Journal of Wildlife Diseases, 2016, 52, 180-182.	0.3	11
42	A commercial ELISA for detection of interferon gamma in white rhinoceros. Journal of Veterinary Diagnostic Investigation, 2019, 31, 531-536.	0.5	11
43	The stability of plasma IP-10 enhances its utility for the diagnosis of Mycobacterium bovis infection in African buffaloes (Syncerus caffer). Veterinary Immunology and Immunopathology, 2016, 173, 17-20.	0.5	10
44	Development of gene expression assays measuring immune responses in the spotted hyena (Crocuta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	10
45	Measuring antigen-specific responses in Mycobacterium bovis-infected warthogs (Phacochoerus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	10
46	AN INTERFERON GAMMA RELEASE ASSAY FOR THE DETECTION OF IMMUNE SENSITIZATION TO MYCOBACTERIUM BOVIS IN AFRICAN WILD DOGS (LYCAON PICTUS). Journal of Wildlife Diseases, 2019, 55, 529.	0.3	10
47	The VetMAXâ„¢ M. tuberculosis complex PCR kit detects MTBC DNA in antemortem and postmortem samples from white rhinoceros (Ceratotherium simum), African elephants (Loxodonta africana) and African buffaloes (Syncerus caffer). BMC Veterinary Research, 2020, 16, 220.	0.7	9
48	Baseline Hematologic Results for Free-ranging White Rhinoceros (Ceratotherium simum) in Kruger National Park, South Africa. Journal of Wildlife Diseases, 2015, 51, 916-922.	0.3	8
49	Development and evaluation of a diagnostic cytokine-release assay for Mycobacterium suricattae infection in meerkats (Suricata suricatta). BMC Veterinary Research, 2016, 13, 2.	0.7	8
50	Antigen-specific interferon-gamma release is decreased following the single intradermal comparative cervical skin test in African buffaloes (Syncerus caffer). Veterinary Immunology and Immunopathology, 2018, 201, 12-15.	0.5	8
51	Impact of Mycobacterium bovis-induced pathology on interpretation of QuantiFERONÂ®-TB Gold assay results in African buffaloes (Syncerus caffer). Veterinary Immunology and Immunopathology, 2019, 217, 109923.	0.5	8
52	PERFORMANCE OF THE TUBERCULIN SKIN TEST IN MYCOBACTERIUM BOVISâ€"EXPOSED AND â€"UNEXPOSED AFRICAN LIONS (PANTHERA LEO). Journal of Wildlife Diseases, 2019, 55, 537.	0.3	8
53	Cytokine gene expression assay as a diagnostic tool for detection of Mycobacterium bovis infection in warthogs (Phacochoerus africanus). Scientific Reports, 2019, 9, 16525.	1.6	7
54	Multilaboratory Evaluation of a Novel Lateral Flow Immunochromatographic Assay for Confirming Isolation of Mycobacterium bovis from Veterinary Diagnostic Specimens. Journal of Clinical Microbiology, 2017, 55, 3411-3425.	1.8	6

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55	Optimisation of the tuberculin skin test for detection of Mycobacterium bovis in African buffaloes (Syncerus caffer). Preventive Veterinary Medicine, 2021, 188, 105254.	0.7	6
56	Shedding of Mycobacterium bovis in respiratory secretions of freeâ€ranging wild dogs () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 Diseases, 2021, 68, 2581-2588.	1.3	6
57	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
58	Mycobacterium orygis: a zoonosis, zooanthroponosis, or both?. Lancet Microbe, The, 2020, 1, e240.	3.4	5
59	Combining Analytical Approaches and Multiple Sources of Information to Improve Interpretation of Diagnostic Test Results for Tuberculosis in Wild Meerkats. Animals, 2021, 11, 3453.	1.0	4
60	Utility of a Fecal Real-time PCR Protocol for Detection of Mycobacterium bovis Infection in African Buffalo (Syncerus caffer). Journal of Wildlife Diseases, 2014, 50, 140-142.	0.3	2
61	A pilot study evaluating the utility of commercially available antibodies for flow cytometric analysis of Panthera species lymphocytes. BMC Veterinary Research, 2018, 14, 410.	0.7	2
62	Cytokine biomarker discovery in the white rhinoceros (Ceratotherium simum). Veterinary Immunology and Immunopathology, 2021, 232, 110168.	0.5	2
63	Test Characteristics of Assays to Detect Infection in High-Prevalence African Buffalo () Herds. Journal of Wildlife Diseases, 2020, 56, 462-465.	0.3	2
64	The Mycobacterium tuberculosis Complex in Africa. , 2019, , 73-86.		1
65	Development of a cytokine gene expression assay for the relative quantification of the African elephant (Loxodonta africana) cell-mediated immune responses. Cytokine, 2021, 141, 155453.	1.4	1
66	Conservation of White Rhinoceroses Threatened by Bovine Tuberculosis, South Africa, 2016â€“2017. Emerging Infectious Diseases, 2018, 24, 2373-2375.	2.0	1