

# Wynand J Goosen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/772797/publications.pdf>

Version: 2024-02-01

35  
papers

458  
citations

686830

13  
h-index

794141

19  
g-index

39  
all docs

39  
docs citations

39  
times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis of <i>Mycobacterium bovis</i> infection in free-ranging common hippopotamus ( <i>Hexaprotodon liberiensis</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2021, 52, 1113-1122.	1.3	10
2	Improved detection of <i>Mycobacterium tuberculosis</i> and <i>M. bovis</i> in African wildlife samples using cationic peptide decontamination and mycobacterial culture supplementation. <i>Journal of Veterinary Diagnostic Investigation</i> , 2022, 34, 61-67.	0.5	11
3	Detection of <i>Mycobacterium tuberculosis</i> complex DNA in oronasal swabs from infected African buffaloes ( <i>Syncerus caffer</i> ). <i>Scientific Reports</i> , 2022, 12, 1834.	1.6	10
4	Culture-Independent PCR Detection and Differentiation of <i>Mycobacteria</i> spp. in Antemortem Respiratory Samples from African Elephants ( <i>Loxodonta africana</i> ) and Rhinoceros ( <i>Ceratotherium simum</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2021, 52, 1113-1122.	1.3	10
5	Epidemiology of <i>Mycobacterium bovis</i> infection in free-ranging rhinoceros in Kruger National Park, South Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	4
6	Adaptation and Diagnostic Potential of a Commercial Cat Interferon Gamma Release Assay for the Detection of <i>Mycobacterium bovis</i> Infection in African Lions ( <i>Panthera leo</i> ). <i>Pathogens</i> , 2022, 11, 765.	1.2	5
7	Optimized interferon-gamma release assays for detection of <i>Mycobacterium bovis</i> infection in African buffaloes ( <i>Syncerus caffer</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2021, 231, 110163.	0.5	6
8	Use of the MILLIPLEX® bovine cytokine/chemokine multiplex assay to identify <i>Mycobacterium bovis</i> -infection biomarkers in African buffaloes ( <i>Syncerus caffer</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2021, 231, 110152.	0.5	3
9	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
10	Cell-Mediated Immunological Biomarkers and Their Diagnostic Application in Livestock and Wildlife Infected With <i>Mycobacterium bovis</i> . <i>Frontiers in Immunology</i> , 2021, 12, 639605.	2.2	12
11	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
12	Novel molecular transport medium used in combination with Xpert MTB/RIF ultra provides rapid detection of <i>Mycobacterium bovis</i> in African buffaloes. <i>Scientific Reports</i> , 2021, 11, 7061.	1.6	13
13	<i>Mycobacterium bovis</i> Infection in Free-Ranging African Elephants. <i>Emerging Infectious Diseases</i> , 2021, 27, 990-992.	2.0	10
14	Shedding of <i>Mycobacterium bovis</i> in respiratory secretions of free-ranging wild dogs ( <i>Lycaon pictus</i> ). <i>Emerging Infectious Diseases</i> , 2021, 68, 2581-2588.	1.3	6
15	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
16	The Seroepidemiology of a Neglected Zoonotic and Livestock Pathogen in Free-Ranging Bovids: Leptospirosis in African Buffaloes ( <i>Syncerus caffer</i> ). <i>Pathogens</i> , 2021, 10, 1072.	1.2	1
17	CYTOKINE-RELEASE ASSAY FOR THE DETECTION OF MYCOBACTERIUM BOVIS INFECTION IN CHEETAH ( <i>Acinonyx jubatus</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2021, 52, 1113-1122.	0.3	2
18	Epidemiology of Tuberculosis in Multi-Host Wildlife Systems: Implications for Black ( <i>Diceros bicornis</i> ) and White ( <i>Ceratotherium simum</i> ) Rhinoceros. <i>Frontiers in Veterinary Science</i> , 2020, 7, 580476.	0.9	15

#	ARTICLE	IF	CITATIONS
19	The Xpert MTB/RIF Ultra assay detects Mycobacterium tuberculosis 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
20	The VetMAX <sup>®</sup> , <sup>®</sup> 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
21	Novel Techniques for Detection of <i>Mycobacterium bovis</i> Infection in a Cheetah. <i>Emerging Infectious Diseases</i> , 2020, 26, 630-631.	2.0	13
22	Impact of Mycobacterium bovis-induced pathology on interpretation of QuantiFERON <sup>®</sup> -TB Gold assay results in African buffaloes ( <i>Syncerus caffer</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2019, 217, 109923.	0.5	8
23	An interferon-gamma release assay for the diagnosis of the Mycobacterium bovis infection in white rhinoceros ( <i>Ceratotherium simum</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2019, 217, 109931.	0.5	17
24	Parallel measurement of IFN- $\gamma$ and IP-10 in QuantiFERON <sup>®</sup> -TB Gold (QFT) plasma improves the detection of Mycobacterium bovis infection in African buffaloes ( <i>Syncerus caffer</i> ). <i>Preventive Veterinary Medicine</i> , 2019, 169, 104700.	0.7	16
25	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
26	Detection of Mycobacterium bovis infection in African buffaloes ( <i>Syncerus caffer</i> ) using QuantiFERON <sup>®</sup> -TB Gold (QFT) tubes and the Qiagen cattle type <sup>®</sup> IFN-gamma ELISA. <i>Veterinary Immunology and Immunopathology</i> , 2018, 196, 48-52.	0.5	23
27	Conservation of White Rhinoceroses Threatened by Bovine Tuberculosis, South Africa, 2016–2017. <i>Emerging Infectious Diseases</i> , 2018, 24, 2373-2375.	2.0	23
28	TB Control in Humans and Animals in South Africa: A Perspective on Problems and Successes. <i>Frontiers in Veterinary Science</i> , 2018, 5, 298.	0.9	17
29	Parallel testing increases detection of Mycobacterium bovis-infected African buffaloes ( <i>Syncerus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.5	13
30	Conservation of White Rhinoceroses Threatened by Bovine Tuberculosis, South Africa, 2016–2017. <i>Emerging Infectious Diseases</i> , 2018, 24, 2373-2375.	2.0	1
31	The stability of plasma IP-10 enhances its utility for the diagnosis of Mycobacterium bovis infection in African buffaloes ( <i>Syncerus caffer</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2016, 173, 17-20.	0.5	10
32	Antigen-Specific IP-10 Release Is a Sensitive Biomarker of Mycobacterium bovis Infection in Cattle. <i>PLoS ONE</i> , 2016, 11, e0155440.	1.1	31
33	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 ( <i>Syncerus caffer</i> ). <i>Vaccine Journal</i> , 2015, 22, 974-978.	3.2	36
34	The evaluation of candidate biomarkers of cell-mediated immunity for the diagnosis of Mycobacterium bovis infection in African buffaloes ( <i>Syncerus caffer</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2014, 162, 198-202.	0.5	15
35	Agreement between assays of cell-mediated immunity utilizing Mycobacterium bovis-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