

# Paul D Van Helden

## List of Publications by Year in descending order

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Version: 2024-02-01

171  
papers

6,541  
citations

70961

41  
h-index

91712

69  
g-index

175  
all docs

175  
docs citations

175  
times ranked

7788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis of <i>Mycobacterium bovis</i> infection in free-ranging common hippopotamus ( <i>Hippopotamus amphibius</i> ). <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3433-3442.	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	Deciphering Genetic Susceptibility to Tuberculous Meningitis. <i>Frontiers in Neurology</i> , 2022, 13, 820168.	1.1	2
4	Characterizing epidemiological and genotypic features of <i>Mycobacterium bovis</i> infection in wild dogs ( <i>Lycaon pictus</i> ). <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3433-3442.	1.3	6
5	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
6	Cytokine biomarker discovery in the white rhinoceros ( <i>Ceratotherium simum</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2021, 232, 110168.	0.5	2
7	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
8	Antitubercular 2-Pyrazolylpyrimidinones: Structure-Activity Relationship and Mode-of-Action Studies. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 719-740.	2.9	9
9	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
10	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
11	Shedding of <i>Mycobacterium bovis</i> in respiratory secretions of free-ranging wild dogs ( <i>Lycaon pictus</i> ). <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2581-2588.	1.3	6
12	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
13	Anaerobe-enriched gut microbiota predicts pro-inflammatory responses in pulmonary tuberculosis. <i>EBioMedicine</i> , 2021, 67, 103374.	2.7	22
14	A multi-phenotype genome-wide association study of clades causing tuberculosis in a Ghanaian- and South African cohort. <i>Genomics</i> , 2021, 113, 1802-1815.	1.3	8
15	1,3-Diarylpyrazolyl-acylsulfonamides as Potent Anti-tuberculosis Agents Targeting Cell Wall Biosynthesis in <i>Mycobacterium tuberculosis</i> . <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12790-12807.	2.9	13
16	Diagnostic accuracy of the FluoroType MTB and MTBDR VER 2.0 assays for the centralized high-throughput detection of <i>Mycobacterium tuberculosis</i> complex DNA and isoniazid and rifampicin resistance. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1351.e1-1351.e4.	2.8	6
17	Complex evolutionary history of felid anelloviruses. <i>Virology</i> , 2021, 562, 176-189.	1.1	13
18	Local Ancestry Adjusted Allelic Association Analysis Robustly Captures Tuberculosis Susceptibility Loci. <i>Frontiers in Genetics</i> , 2021, 12, 716558.	1.1	7

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19	CYTOKINE-RELEASE ASSAY FOR THE DETECTION OF MYCOBACTERIUM BOVIS INFECTION IN CHEETAH (ACINONYX JUBATUS). <i>Journal of Zoo and Wildlife Medicine</i> , 2021, 52, 1113-1122.	0.3	2
20	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
21	Identification of a novel WAS mutation in a South African patient presenting with atypical Wiskott-Aldrich syndrome: a case report. <i>BMC Medical Genetics</i> , 2020, 21, 124.	2.1	4
22	A regulatory variant in the C1Q gene cluster is associated with tuberculosis susceptibility and C1qA plasma levels in a South African population. <i>Immunogenetics</i> , 2020, 72, 305-314.	1.2	7
23	Bacterial and host determinants of cough aerosol culture positivity in patients with drug-resistant versus drug-susceptible tuberculosis. <i>Nature Medicine</i> , 2020, 26, 1435-1443.	15.2	38
24	The VetMAX <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
25	Xpert MTB/RIF Ultra and Xpert MTB/RIF for diagnosis of tuberculosis in an HIV-endemic setting with a high burden of previous tuberculosis: a two-cohort diagnostic accuracy study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 368-382.	5.2	58
26	Pathogens of Vertebrate Animals as Invasive Species: Insights from South Africa. , 2020, , 249-274.		3
27	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
28	Distinct serum biosignatures are associated with different tuberculosis treatment outcomes. <i>Tuberculosis</i> , 2019, 118, 101859.	0.8	24
29	Impact of <i>Mycobacterium bovis</i> -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
30	Risk alleles for tuberculosis infection associate with reduced immune reactivity in a wild mammalian host. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190914.	1.2	4
31	Whole genome sequencing provides additional insights into recurrent tuberculosis classified as endogenous reactivation by IS6110 DNA fingerprinting. <i>Infection, Genetics and Evolution</i> , 2019, 75, 103948.	1.0	13
32	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
33	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
34	Evolution of rifampicin treatment for tuberculosis. <i>Infection, Genetics and Evolution</i> , 2019, 74, 103937.	1.0	61
35	Parallel measurement of IFN- $\gamma$ and IP-10 in QuantiFERON <sup>®</sup> -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
36	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

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37	Genetic diversity of <i>Mycobacterium tuberculosis</i> complex strains isolated from livestock workers and cattle in Nigeria. <i>PLoS ONE</i> , 2019, 14, e0211637.	1.1	11
38	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
39	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
40	<i>Mycobacterium tuberculosis</i> : concentrate resources on recent infections. <i>BMJ: British Medical Journal</i> , 2019, 367, l6485.	2.4	0
41	One Health approach in the prevention and control of mycobacterial infections in Tanzania: lessons learnt and future perspectives. <i>One Health Outlook</i> , 2019, 1, 2.	1.4	10
42	Reverse zoonotic tuberculosis transmission from an emerging Uganda I strain between pastoralists and cattle in South-Eastern Nigeria. <i>BMC Veterinary Research</i> , 2019, 15, 437.	0.7	19
43	AN INTERFERON GAMMA RELEASE ASSAY FOR THE DETECTION OF IMMUNE SENSITIZATION TO MYCOBACTERIUM BOVIS IN AFRICAN WILD DOGS ( <i>LYCAON PICTUS</i> ). <i>Journal of Wildlife Diseases</i> , 2019, 55, 529.	0.3	10
44	MYCOBACTERIUM BOVIS IN FREE-RANGING LIONS ( <i>PANTHERA LEO</i> ) - 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
45	High Seroprevalence of in an Urban Caracal ( <i>Caracal caracal</i> ) Population in South Africa. <i>Journal of Wildlife Diseases</i> , 2019, 55, 951-953.	0.3	4
46	Genome-wide analysis of multi- and extensively drug-resistant <i>Mycobacterium tuberculosis</i> . <i>Nature Genetics</i> , 2018, 50, 307-316.	9.4	271
47	Mycobacterial nucleoid associated proteins: An added dimension in gene regulation. <i>Tuberculosis</i> , 2018, 108, 169-177.	0.8	26
48	Detection of <i>Mycobacterium bovis</i> infection in African buffaloes ( <i>Syncerus caffer</i> ) using QuantiFERON $\gamma$ -TB Gold (QFT) tubes and the Qiagen cattle type $\gamma$ IFN-gamma ELISA. <i>Veterinary Immunology and Immunopathology</i> , 2018, 196, 48-52.	0.5	23
49	The arms race between man and <i>Mycobacterium tuberculosis</i> : Time to regroup. <i>Infection, Genetics and Evolution</i> , 2018, 66, 361-375.	1.0	17
50	Measuring antigen-specific responses in <i>Mycobacterium bovis</i> -infected warthogs ( <i>Phacochoerus</i> )	0.7	10
51	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
52	Parallel testing increases detection of <i>Mycobacterium bovis</i> -infected African buffaloes ( <i>Syncerus</i> )	0.5	13
53	Genetic Resistance to <i>Mycobacterium tuberculosis</i> Infection and Disease. <i>Frontiers in Immunology</i> , 2018, 9, 2219.	2.2	29
54	Proteomic analysis reveals that sulfamethoxazole induces oxidative stress in <i>M. tuberculosis</i> . <i>Tuberculosis</i> , 2018, 111, 78-85.	0.8	14

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55	Autosomal Dominant IFN- $\gamma$ R1 Deficiency Presenting with both Atypical Mycobacteriosis and Tuberculosis in a BCG-Vaccinated South African Patient. <i>Journal of Clinical Immunology</i> , 2018, 38, 460-463.	2.0	8
56	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
57	Diagnostic Accuracy and Utility of FluoroType MTBDR, a New Molecular Assay for Multidrug-Resistant Tuberculosis. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	33
58	Human impact on the diversity and virulence of the ubiquitous zoonotic parasite <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6956-E6963.	3.3	99
59	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
60	Geospatial distribution of <i>Mycobacterium tuberculosis</i> genotypes in Africa. <i>PLoS ONE</i> , 2018, 13, e0200632.	1.1	54
61	Using routinely collected laboratory data to identify high rifampicin-resistant tuberculosis burden communities in the Western Cape Province, South Africa: A retrospective spatiotemporal analysis. <i>PLoS Medicine</i> , 2018, 15, e1002638.	3.9	8
62	Drug-Penetration Gradients Associated with Acquired Drug Resistance in Patients with Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1208-1219.	2.5	130
63	A Sex-Stratified Genome-Wide Association Study of Tuberculosis Using a Multi-Ethnic Genotyping Array. <i>Frontiers in Genetics</i> , 2018, 9, 678.	1.1	28
64	Genetic diversity and potential routes of transmission of <i>Mycobacterium bovis</i> in Mozambique. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006147.	1.3	20
65	Isoniazid Resistance and Dosage as Treatment for Patients with Tuberculosis. <i>Current Drug Metabolism</i> , 2018, 18, 1030-1039.	0.7	11
66	Prevalence and Risk Factors for <i>Mycobacterium bovis</i> Infection in African Lions ( <i>Panthera tigris</i> ). <i>Journal of Wildlife Diseases</i> , 2018, 44, 103-110.	0.3	23
67	Population structure and infectious disease risk in southern Africa. <i>Molecular Genetics and Genomics</i> , 2017, 292, 499-509.	1.0	21
68	Implications of Failure to Routinely Diagnose Resistance to Second-Line Drugs in Patients With Rifampicin-Resistant Tuberculosis on Xpert MTB/RIF: A Multisite Observational Study. <i>Clinical Infectious Diseases</i> , 2017, 64, 1502-1508.	2.9	17
69	Toll-like receptor (TLR) diversity influences mycobacterial growth in African buffalo. <i>Tuberculosis</i> , 2017, 104, 87-94.	0.8	2
70	Structural and functional effects of nucleotide variation on the human TB drug metabolizing enzyme arylamine N -acetyltransferase 1. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 75, 330-339.	1.3	13
71	The epidemiology, pathogenesis, transmission, diagnosis, and management of multidrug-resistant, extensively drug-resistant, and incurable tuberculosis. <i>Lancet Respiratory Medicine</i> , 2017, 5, 291-360.	5.2	459
72	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

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73	Proteogenomic Investigation of Strain Variation in Clinical <i>Mycobacterium tuberculosis</i> Isolates. <i>Journal of Proteome Research</i> , 2017, 16, 3841-3851.	1.8	27
74	Novel Antitubercular 6-Dialkylaminopyrimidine Carboxamides from Phenotypic Whole-Cell High Throughput Screening of a SoftFocus Library: Structure-Activity Relationship and Target Identification Studies. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 10118-10134.	2.9	22
75	Mycobacterial genomic DNA from used Xpert MTB/RIF cartridges can be utilised for accurate second-line genotypic drug susceptibility testing and spoligotyping. <i>Scientific Reports</i> , 2017, 7, 14854.	1.6	11
76	The role of human host genetics in tuberculosis resistance. <i>Expert Review of Respiratory Medicine</i> , 2017, 11, 721-737.	1.0	16
77	Development of gene expression assays measuring immune responses in the spotted hyena ( <i>Crocuta</i> ) Tj ETQq1 1 0,784314 rgBT /Overl FO	0.2	8
78	Exome sequencing identifies a novel TTC37 mutation in the first reported case of Trichohepatoenteric syndrome (THE-S) in South Africa. <i>BMC Medical Genetics</i> , 2017, 18, 26.	2.1	8
79	Development of a Novel Lead that Targets M. tuberculosis Polyketide Synthase 13. <i>Cell</i> , 2017, 170, 249-259.e25.	13.5	124
80	Phenotypically resembling myeloid derived suppressor cells are increased in children with HIV and exposed/infected with <i>Mycobacterium tuberculosis</i> . <i>European Journal of Immunology</i> , 2017, 47, 107-118.	1.6	27
81	RNaseq reveals hypervirulence-specific host responses to <i>M. tuberculosis</i> infection. <i>Virulence</i> , 2017, 8, 848-858.	1.8	21
82	DIAGNOSIS AND IMPLICATIONS OF <i>MYCOBACTERIUM BOVIS</i> INFECTION IN BANDED MONGOOSE ( <i>MUNGOS MUNGO</i> ) IN THE KRUGER NATIONAL PARK, SOUTH AFRICA. <i>Journal of Wildlife Diseases</i> , 2017, 53, 19-29.	0.3	15
83	Anti-mycobacterium tuberculosis activity of polyherbal medicines used for the treatment of tuberculosis in Eastern Cape, South Africa. <i>African Health Sciences</i> , 2017, 17, 780.	0.3	9
84	Paratuberculosis in a domestic dog in South Africa. <i>Journal of the South African Veterinary Association</i> , 2017, 88, e1-e5.	0.2	12
85	Changes in Host Immune-Endocrine Relationships during Tuberculosis Treatment in Patients with Cured and Failed Treatment Outcomes. <i>Frontiers in Immunology</i> , 2017, 8, 690.	2.2	7
86	Experimental <i>Mycobacterium bovis</i> infection in three white rhinoceroses ( <i>Ceratotherium simum</i> ): Susceptibility, clinical and anatomical pathology. <i>PLoS ONE</i> , 2017, 12, e0179943.	1.1	24
87	Outcomes, infectiousness, and transmission dynamics of patients with extensively drug-resistant tuberculosis and home-discharged patients with programmatically incurable tuberculosis: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2017, 5, 269-281.	5.2	106
88	A post-GWAS analysis of predicted regulatory variants and tuberculosis susceptibility. <i>PLoS ONE</i> , 2017, 12, e0174738.	1.1	19
89	The Host Response to a Clinical MDR Mycobacterial Strain Cultured in a Detergent-Free Environment: A Global Transcriptomics Approach. <i>PLoS ONE</i> , 2016, 11, e0153079.	1.1	40
90	Translational Research for Tuberculosis Elimination: Priorities, Challenges, and Actions. <i>PLoS Medicine</i> , 2016, 13, e1001965.	3.9	50

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91	The diagnostic accuracy of the MTBDRplus and MTBDRsl assays for drug-resistant TB detection when performed on sputum and culture isolates. <i>Scientific Reports</i> , 2016, 6, 17850.	1.6	45
92	The complete genome sequence of the African buffalo ( <i>Syncerus caffer</i> ). <i>BMC Genomics</i> , 2016, 17, 1001.	1.2	21
93	Diagnostic performance of a seven-marker serum protein biosignature for the diagnosis of active TB disease in African primary healthcare clinic attendees with signs and symptoms suggestive of TB. <i>Thorax</i> , 2016, 71, 785-794.	2.7	134
94	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
95	Recombination in <i>pe/ppe</i> genes contributes to genetic variation in <i>Mycobacterium tuberculosis</i> lineages. <i>BMC Genomics</i> , 2016, 17, 151.	1.2	62
96	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
97	Fine-Scale Human Population Structure in Southern Africa Reflects Ecogeographic Boundaries. <i>Genetics</i> , 2016, 204, 303-314.	1.2	93
98	Polymorphisms in the Pattern Recognition Receptor Mincle Gene (CLEC4E) and Association with Tuberculosis. <i>Lung</i> , 2016, 194, 763-767.	1.4	19
99	Design, synthesis, and <i>In vitro</i> antituberculosis activity of 2-(5-H)-Furanone derivatives. <i>IUBMB Life</i> , 2016, 68, 612-620.	1.5	12
100	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
101	Prevalence of pyrazinamide resistance across the spectrum of drug resistant phenotypes of <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2016, 99, 128-130.	0.8	17
102	Profiling persistent tubercule bacilli from patient sputa during therapy predicts early drug efficacy. <i>BMC Medicine</i> , 2016, 14, 68.	2.3	55
103	Excessive Cytolytic Responses Predict Tuberculosis Relapse After Apparently Successful Treatment. <i>Journal of Infectious Diseases</i> , 2016, 213, 485-495.	1.9	34
104	Efflux pump inhibitors: targeting mycobacterial efflux systems to enhance TB therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 17-26.	1.3	123
105	Glutamate Dehydrogenase Is Required by <i>Mycobacterium bovis</i> BCG for Resistance to Cellular Stress. <i>PLoS ONE</i> , 2016, 11, e0147706.	1.1	33
106	Mapping of <i>Mycobacterium tuberculosis</i> Complex Genetic Diversity Profiles in Tanzania and Other African Countries. <i>PLoS ONE</i> , 2016, 11, e0154571.	1.1	41
107	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
108	Clinical Relevance of Nontuberculous Mycobacteria Isolated from Sputum in a Gold Mining Workforce in South Africa: An Observational, Clinical Study. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	14



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109	High Frequency of Resistance, Lack of Clinical Benefit, and Poor Outcomes in Capreomycin Treated South African Patients with Extensively Drug-Resistant Tuberculosis. <i>PLoS ONE</i> , 2015, 10, e0123655.	1.1	19
110	A Global Perspective on Pyrazinamide Resistance: Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0133869.	1.1	105
111	A Subgroup of Latently <i>Mycobacterium tuberculosis</i> Infected Individuals Is Characterized by Consistently Elevated IgA Responses to Several Mycobacterial Antigens. <i>Mediators of Inflammation</i> , 2015, 2015, 1-10.	1.4	18
112	A high seroprevalence of <i>Toxoplasma gondii</i> antibodies in a population of feral cats in the Western Cape province of South Africa. <i>Southern African Journal of Infectious Diseases</i> , 2015, 30, 141-144.	0.3	4
113	Genetic diversity of <i>Mycobacterium tuberculosis</i> isolated from tuberculosis patients in the Serengeti ecosystem in Tanzania. <i>Tuberculosis</i> , 2015, 95, 170-178.	0.8	24
114	Impact of Nonlinear Interactions of Pharmacokinetics and MICs on Sputum Bacillary Kill Rates as a Marker of Sterilizing Effect in Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 38-45.	1.4	123
115	Association of toll-like receptors with susceptibility to tuberculosis suggests sex-specific effects of TLR8 polymorphisms. <i>Infection, Genetics and Evolution</i> , 2015, 34, 221-229.	1.0	69
116	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
117	<i>Mycobacterium bovis</i> infection in the lion ( <i>Panthera leo</i> ): Current knowledge, conundrums and research challenges. <i>Veterinary Microbiology</i> , 2015, 177, 252-260.	0.8	24
118	A Novel Inhibitor of Gyrase B Is a Potent Drug Candidate for Treatment of Tuberculosis and Nontuberculosis Mycobacterial Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1455-1465.	1.4	61
119	<i>Mycobacterium tuberculosis pncA</i> Polymorphisms That Do Not Confer Pyrazinamide Resistance at a Breakpoint Concentration of 100 Micrograms per Milliliter in MGIT. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3633-3635.	1.8	35
120	Pyrrolo[3,4- <i>c</i> ]pyridine-1,3(2- <i>H</i> )-diones: A Novel Antimycobacterial Class Targeting Mycobacterial Respiration. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9371-9381.	2.9	74
121	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
122	A Sensitive Urinary Lipoarabinomannan Test for Tuberculosis. <i>PLoS ONE</i> , 2015, 10, e0123457.	1.1	46
123	Investigating the Role of Gene-Gene Interactions in TB Susceptibility. <i>PLoS ONE</i> , 2015, 10, e0123970.	1.1	15
124	The Risk of Tuberculosis Reinfection Soon after Cure of a First Disease Episode Is Extremely High in a Hyperendemic Community. <i>PLoS ONE</i> , 2015, 10, e0144487.	1.1	19
125	Species diversity of non-tuberculous mycobacteria isolated from humans, livestock and wildlife in the Serengeti ecosystem, Tanzania. <i>BMC Infectious Diseases</i> , 2014, 14, 616.	1.3	32
126	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



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127	The pyrazinamide susceptibility breakpoint above which combination therapy fails. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2420-2425.	1.3	56
128	Using multi-way admixture mapping to elucidate TB susceptibility in the South African Coloured population. <i>BMC Genomics</i> , 2014, 15, 1021.	1.2	36
129	Long-term outcomes of patients with extensively drug-resistant tuberculosis in South Africa: a cohort study. <i>Lancet, The</i> , 2014, 383, 1230-1239.	6.3	211
130	Associations Between Human Leukocyte Antigen Class I Variants and the Mycobacterium tuberculosis Subtypes Causing Disease. <i>Journal of Infectious Diseases</i> , 2014, 209, 216-223.	1.9	59
131	Serologic diagnosis of tuberculosis by combining Ig classes against selected mycobacterial targets. <i>Journal of Infection</i> , 2014, 69, 581-589.	1.7	45
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