

Paul D Van Helden

List of Publications by Year in descending order

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171
papers

6,541
citations

71061

41
h-index

91828

69
g-index

175
all docs

175
docs citations

175
times ranked

7788
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Genome-wide analysis of multi- and extensively drug-resistant <i>Mycobacterium tuberculosis</i> . <i>Nature Genetics</i> , 2018, 50, 307-316.	9.4	271
3	Long-term outcomes of patients with extensively drug-resistant tuberculosis in South Africa: a cohort study. <i>Lancet</i> , 2014, 383, 1230-1239.	6.3	211
4	Whole-genome sequencing to establish relapse or re-infection with <i>Mycobacterium tuberculosis</i> : a retrospective observational study. <i>Lancet Respiratory Medicine</i> , 2013, 1, 786-792.	5.2	184
5	Genome-wide analysis of the structure of the South African Coloured Population in the Western Cape. <i>Human Genetics</i> , 2010, 128, 145-153.	1.8	177
6	Promoter Variation in the DC-SIGN-Encoded Gene CD209 Is Associated with Tuberculosis. <i>PLoS Medicine</i> , 2006, 3, e20.	3.9	166
7	Genome-wide association study of ancestry-specific TB risk in the South African Coloured population. <i>Human Molecular Genetics</i> , 2014, 23, 796-809.	1.4	162
8	Two loci control tuberculin skin test reactivity in an area hyperendemic for tuberculosis. <i>Journal of Experimental Medicine</i> , 2009, 206, 2583-2591.	4.2	142
9	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
10	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
11	Development of a Novel Lead that Targets <i>M. tuberculosis</i> Polyketide Synthase 13. <i>Cell</i> , 2017, 170, 249-259.e25.	13.5	124
12	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
13	Efflux pump inhibitors: targeting mycobacterial efflux systems to enhance TB therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 17-26.	1.3	123
14	The Temporal Dynamics of Relapse and Reinfection Tuberculosis After Successful Treatment: A Retrospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2014, 58, 1676-1683.	2.9	119
15	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
16	A Global Perspective on Pyrazinamide Resistance: Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0133869.	1.1	105
17	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
18	Transmission of a Multidrug-Resistant <i>Mycobacterium tuberculosis</i> Strain Resembling "Strain W" among Noninstitutionalized, Human Immunodeficiency Virus-Seronegative Patients. <i>Journal of Infectious Diseases</i> , 1999, 180, 1608-1615.	1.9	94

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19	Fine-Scale Human Population Structure in Southern Africa Reflects Ecogeographic Boundaries. <i>Genetics</i> , 2016, 204, 303-314.	1.2	93
20	The Influence of Human N-Acetyltransferase Genotype on the Early Bactericidal Activity of Isoniazid. <i>Clinical Infectious Diseases</i> , 2004, 39, 1425-1430.	2.9	86
21	Mapping of a Novel Susceptibility Locus Suggests a Role for MC3R and CTSZ in Human Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 203-207.	2.5	83
22	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
23	A Panel of Ancestry Informative Markers for the Complex Five-Way Admixed South African Coloured Population. <i>PLoS ONE</i> , 2013, 8, e82224.	1.1	74
24	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
25	Ergothioneine Is a Secreted Antioxidant in <i>Mycobacterium smegmatis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3202-3207.	1.4	66
26	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
27	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
28	Evolution of rifampicin treatment for tuberculosis. <i>Infection, Genetics and Evolution</i> , 2019, 74, 103937.	1.0	61
29	Associations Between Human Leukocyte Antigen Class I Variants and the <i>Mycobacterium tuberculosis</i> Subtypes Causing Disease. <i>Journal of Infectious Diseases</i> , 2014, 209, 216-223.	1.9	59
30	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
31	High Heritability of Antimycobacterial Immunity in an Area of Hyperendemicity for Tuberculosis Disease. <i>Journal of Infectious Diseases</i> , 2010, 201, 15-19.	1.9	57
32	The pyrazinamide susceptibility breakpoint above which combination therapy fails. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2420-2425.	1.3	56
33	Polymerase Chain Reaction in the Diagnosis of Tuberculous Meningitis. <i>Scandinavian Journal of Infectious Diseases</i> , 1993, 25, 613-617.	1.5	55
34	Profiling persistent tubercle bacilli from patient sputa during therapy predicts early drug efficacy. <i>BMC Medicine</i> , 2016, 14, 68.	2.3	55
35	Geospatial distribution of <i>Mycobacterium tuberculosis</i> genotypes in Africa. <i>PLoS ONE</i> , 2018, 13, e0200632.	1.1	54
36	Fine mapping of a putative tuberculosis-susceptibility locus on chromosome 15q11-13 in African families. <i>Human Molecular Genetics</i> , 2002, 11, 1599-1603.	1.4	52

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37	Translational Research for Tuberculosis Elimination: Priorities, Challenges, and Actions. <i>PLoS Medicine</i> , 2016, 13, e1001965.	3.9	50
38	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
39	A Sensitive Urinary Lipoarabinomannan Test for Tuberculosis. <i>PLoS ONE</i> , 2015, 10, e0123457.	1.1	46
40	Gene-gene interaction between tuberculosis candidate genes in a South African population. <i>Mammalian Genome</i> , 2011, 22, 100-110.	1.0	45
41	Alcohol, Hospital Discharge, and Socioeconomic Risk Factors for Default from Multidrug Resistant Tuberculosis Treatment in Rural South Africa: A Retrospective Cohort Study. <i>PLoS ONE</i> , 2013, 8, e83480.	1.1	45
42	Serologic diagnosis of tuberculosis by combining Ig classes against selected mycobacterial targets. <i>Journal of Infection</i> , 2014, 69, 581-589.	1.7	45
43	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
44	p53 and p16/CDKN2 gene mutations in esophageal tumors from a high-incidence area in South Africa. , 1998, 78, 544-549.		42
45	One world, one health. <i>EMBO Reports</i> , 2013, 14, 497-501.	2.0	42
46	Determining Ancestry Proportions in Complex Admixture Scenarios in South Africa Using a Novel Proxym Ancestry Selection Method. <i>PLoS ONE</i> , 2013, 8, e73971.	1.1	42
47	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
48	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
49	Polymorphisms in MC3R promoter and CTSZ 3'UTR are associated with tuberculosis susceptibility. <i>European Journal of Human Genetics</i> , 2011, 19, 676-681.	1.4	38
50	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
51	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
52	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
53	Tuberculin Skin Test and In Vitro Assays Provide Complementary Measures of Antimycobacterial Immunity in Children and Adolescents. <i>Chest</i> , 2010, 137, 1071-1077.	0.4	35
54	<i>Mycobacterium tuberculosis</i> <i>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

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55	Excessive Cytolytic Responses Predict Tuberculosis Relapse After Apparently Successful Treatment. <i>Journal of Infectious Diseases</i> , 2016, 213, 485-495.	1.9	34
56	Identification of a Major Locus, TNF1, That Controls BCG-Triggered Tumor Necrosis Factor Production by Leukocytes in an Area Hyperendemic for Tuberculosis. <i>Clinical Infectious Diseases</i> , 2013, 57, 963-970.	2.9	33
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	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
59	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
60	The role of ancestry in TB susceptibility of an admixed South African population. <i>Tuberculosis</i> , 2014, 94, 413-420.	0.8	32
61	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
62	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
63	Genetic Resistance to <i>Mycobacterium tuberculosis</i> Infection and Disease. <i>Frontiers in Immunology</i> , 2018, 9, 2219.	2.2	29
64	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
65	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
66	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
67	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
68	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
69	<i>Mycobacterium</i> nucleoid associated proteins: An added dimension in gene regulation. <i>Tuberculosis</i> , 2018, 108, 169-177.	0.8	26
70	The Role of Glutamine Oxoglutarate Aminotransferase and Glutamate Dehydrogenase in Nitrogen Metabolism in <i>Mycobacterium bovis</i> BCG. <i>PLoS ONE</i> , 2013, 8, e84452.	1.1	25
71	Sulfamethoxazole enhances the antimycobacterial activity of rifampicin. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2908-2911.	1.3	24
72	The cost of research in developing countries. <i>EMBO Reports</i> , 2012, 13, 395-395.	2.0	24

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73	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
74	<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
75	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
76	Distinct serum biosignatures are associated with different tuberculosis treatment outcomes. <i>Tuberculosis</i> , 2019, 118, 101859.	0.8	24
77	Prevalence and Risk Factors for <i>Mycobacterium bovis</i> Infection in African Lions (<i>Panthera</i>) Tj ETQq1 1 0.784314 rgBT ₃ /Overlook	0.3	23
78	Detection of <i>Mycobacterium bovis</i> infection in African buffaloes (<i>Syncerus caffer</i>) using QuantiFERON [®] -TB Gold (QFT) tubes and the Qiagen cattletype [®] IFN-gamma ELISA. <i>Veterinary Immunology and Immunopathology</i> , 2018, 196, 48-52.	0.5	23
79	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
80	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
81	Anaerobe-enriched gut microbiota predicts pro-inflammatory responses in pulmonary tuberculosis. <i>EBioMedicine</i> , 2021, 67, 103374.	2.7	22
82	<i>Toxoplasma gondii</i> seroprevalence studies on humans and animals in Africa. <i>South African Family Practice: Official Journal of the South African Academy of Family Practice/Primary Care</i> , 2014, 56, 119-124.	0.2	21
83	The complete genome sequence of the African buffalo (<i>Syncerus caffer</i>). <i>BMC Genomics</i> , 2016, 17, 1001.	1.2	21
84	Population structure and infectious disease risk in southern Africa. <i>Molecular Genetics and Genomics</i> , 2017, 292, 499-509.	1.0	21
85	RNAseq reveals hypervirulence-specific host responses to <i>M. tuberculosis</i> infection. <i>Virulence</i> , 2017, 8, 848-858.	1.8	21
86	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
87	Esophageal cancer: Vitamin and lipotrope deficiencies in an at-risk South African population. <i>Nutrition and Cancer</i> , 1987, 10, 247-255.	0.9	19
88	Antimicrobial resistance in tuberculosis: an international perspective. <i>Expert Review of Anti-Infective Therapy</i> , 2006, 4, 759-766.	2.0	19
89	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
90	Polymorphisms in the Pattern Recognition Receptor Mincle Gene (CLEC4E) and Association with Tuberculosis. <i>Lung</i> , 2016, 194, 763-767.	1.4	19

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91	Reverse zoonotic tuberculosis transmission from an emerging Uganda I strain between pastoralists and cattle in South-Eastern Nigeria. BMC Veterinary Research, 2019, 15, 437.	0.7	19
92	The Risk of Tuberculosis Reinfection Soon after Cure of a First Disease Episode Is Extremely High in a Hyperendemic Community. PLoS ONE, 2015, 10, e0144487.	1.1	19
93	A post-GWAS analysis of predicted regulatory variants and tuberculosis susceptibility. PLoS ONE, 2017, 12, e0174738.	1.1	19
94	A Subgroup of Latently Mycobacterium tuberculosis Infected Individuals Is Characterized by Consistently Elevated IgA Responses to Several Mycobacterial Antigens. Mediators of Inflammation, 2015, 2015, 1-10.	1.4	18
95	Rapid Sequencing of the Mycobacterium tuberculosis <i>pncA</i> Gene for Detection of Pyrazinamide Susceptibility. Journal of Clinical Microbiology, 2014, 52, 4056-4057.	1.8	17
96	Prevalence of pyrazinamide resistance across the spectrum of drug resistant phenotypes of Mycobacterium tuberculosis. Tuberculosis, 2016, 99, 128-130.	0.8	17
97	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. Clinical Infectious Diseases, 2017, 64, 1502-1508.	2.9	17
98	The arms race between man and Mycobacterium tuberculosis: Time to regroup. Infection, Genetics and Evolution, 2018, 66, 361-375.	1.0	17
99	TB Control in Humans and Animals in South Africa: A Perspective on Problems and Successes. Frontiers in Veterinary Science, 2018, 5, 298.	0.9	17
100	An interferon-gamma release assay for the diagnosis of the Mycobacterium bovis infection in white rhinoceros (<i>Ceratotherium simum</i>). Veterinary Immunology and Immunopathology, 2019, 217, 109931.	0.5	17
101	The role of human host genetics in tuberculosis resistance. Expert Review of Respiratory Medicine, 2017, 11, 721-737.	1.0	16
102	Parallel measurement of IFN- γ and IP-10 in QuantiFERON [®] -TB Gold (QFT) plasma improves the detection of Mycobacterium bovis infection in African buffaloes (<i>Syncerus caffer</i>). Preventive Veterinary Medicine, 2019, 169, 104700.	0.7	16
103	The evaluation of candidate biomarkers of cell-mediated immunity for the diagnosis of Mycobacterium bovis infection in African buffaloes (<i>Syncerus caffer</i>). Veterinary Immunology and Immunopathology, 2014, 162, 198-202.	0.5	15
104	DIAGNOSIS AND IMPLICATIONS OF MYCOBACTERIUM BOVIS INFECTION IN BANDED MONGOOSES (<i>MUNGOS MUNGO</i>) IN THE KRUGER NATIONAL PARK, SOUTH AFRICA. Journal of Wildlife Diseases, 2017, 53, 19-29.	0.3	15
105	Investigating the Role of Gene-Gene Interactions in TB Susceptibility. PLoS ONE, 2015, 10, e0123970.	1.1	15
106	Clinical Relevance of Nontuberculous Mycobacteria Isolated from Sputum in a Gold Mining Workforce in South Africa: An Observational, Clinical Study. BioMed Research International, 2015, 2015, 1-10.	0.9	14
107	Proteomic analysis reveals that sulfamethoxazole induces oxidative stress in M. tuberculosis. Tuberculosis, 2018, 111, 78-85.	0.8	14
108	Structural and functional effects of nucleotide variation on the human TB drug metabolizing enzyme arylamine N -acetyltransferase 1. Journal of Molecular Graphics and Modelling, 2017, 75, 330-339.	1.3	13

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109	Parallel testing increases detection of Mycobacterium bovis-infected African buffaloes (Syncerus) Tj ETQq1 1 0.784314 rgBT /Overloc	0.5	13
110	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
111	Whole genome sequencing provides additional insights into recurrent tuberculosis classified as endogenous reactivation by IS6110 DNA fingerprinting. Infection, Genetics and Evolution, 2019, 75, 103948.	1.0	13
112	Novel molecular transport medium used in combination with Xpert MTB/RIF ultra provides rapid detection of Mycobacterium bovis in African buffaloes. Scientific Reports, 2021, 11, 7061.	1.6	13
113	1,3-Diarylpirazolyl-acylsulfonamides as Potent Anti-tuberculosis Agents Targeting Cell Wall Biosynthesis in Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2021, 64, 12790-12807.	2.9	13
114	Complex evolutionary history of felid anelloviruses. Virology, 2021, 562, 176-189.	1.1	13
115	MYCOBACTERIUM BOVIS IN FREE-RANGING LIONS (PANTHERA LEO) – 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
116	The economic divide and tuberculosis. EMBO Reports, 2003, 4, S24-8.	2.0	12
117	Design, synthesis, and <i>In vitro</i> antituberculosis activity of 2(5H)-Furanone derivatives. IUBMB Life, 2016, 68, 612-620.	1.5	12
118	Paratuberculosis in a domestic dog in South Africa. Journal of the South African Veterinary Association, 2017, 88, e1-e5.	0.2	12
119	Application of Rapid Serologic Tests for Detection of Mycobacterium bovis Infection in Free-Ranging Warthogs (Phacochoerus africanus) – Implications for Antemortem Disease Screening. Journal of Wildlife Diseases, 2016, 52, 180-182.	0.3	11
120	Mycobacterial genomic DNA from used Xpert MTB/RIF cartridges can be utilised for accurate second-line genotypic drug susceptibility testing and spoligotyping. Scientific Reports, 2017, 7, 14854.	1.6	11
121	A commercial ELISA for detection of interferon gamma in white rhinoceros. Journal of Veterinary Diagnostic Investigation, 2019, 31, 531-536.	0.5	11
122	Genetic diversity of Mycobacterium tuberculosis complex strains isolated from livestock workers and cattle in Nigeria. PLoS ONE, 2019, 14, e0211637.	1.1	11
123	Improved detection of Mycobacterium tuberculosis and M. bovis in African wildlife samples using cationic peptide decontamination and mycobacterial culture supplementation. Journal of Veterinary Diagnostic Investigation, 2022, 34, 61-67.	0.5	11
124	TB Epidemiology and Human Genetics. Novartis Foundation Symposium, 0, , 17-41.	1.2	11
125	Isoniazid Resistance and Dosage as Treatment for Patients with Tuberculosis. Current Drug Metabolism, 2018, 18, 1030-1039.	0.7	11
126	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

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127	Development of gene expression assays measuring immune responses in the spotted hyena (<i>Crocuta</i>) Tj ETQq1 1 0,784314 rgBT /Overlock	0.2	10
128	Measuring antigen-specific responses in <i>Mycobacterium bovis</i> -infected warthogs (<i>Phacochoerus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	0.7	10
129	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
130	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
131	NAT2 polymorphisms and their influence on the pharmacology and toxicity of isoniazid in TB patients. <i>Personalized Medicine</i> , 2007, 4, 123-131.	0.8	9
132	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
133	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
134	Antitubercular 2-Pyrazolylpyrimidinones: Structure-Activity Relationship and Mode-of-Action Studies. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 719-740.	2.9	9
135	Bacterial Genetics and Strain Variation. Novartis Foundation Symposium, 1998, 217, 178-194.	1.2	8
136	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
137	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
138	Autosomal Dominant IFN- γ 1 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
139	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
140	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
141	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
142	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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