## Louis H Nel

## List of Publications by Year in descending order

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110317 87843 5,299 144 38 64 citations h-index g-index papers 152 152 152 3499 citing authors docs citations times ranked all docs

#	Article	lF	CITATIONS
1	Roles of traditional medicine and traditional healers for rabies prevention and potential impacts on post-exposure prophylaxis: A literature review. PLoS Neglected Tropical Diseases, 2022, 16, e0010087.	1.3	6
2	Epidemiological Interface of Sylvatic and Dog Rabies in the North West Province of South Africa. Tropical Medicine and Infectious Disease, 2022, 7, 90.	0.9	3
3	Dog rabies control in West and Central Africa: A review. Acta Tropica, 2021, 224, 105459.	0.9	35
4	The Role of Waste Management in Control of Rabies: A Neglected Issue. Viruses, 2021, 13, 225.	1.5	14
5	Rabies control in Liberia: Joint efforts towards zero by 30. Acta Tropica, 2021, 216, 105787.	0.9	11
6	Rabies Prophylactic and Treatment Options: An In Vitro Study of siRNA- and Aptamer-Based Therapeutics. Viruses, 2021, 13, 881.	1.5	5
7	Rabies in the Middle East, Eastern Europe, Central Asia and North Africa: Building evidence and delivering a regional approach to rabies elimination. Journal of Infection and Public Health, 2021, 14, 787-794.	1.9	11
8	Assessing the practicalities of joint snakebite and dog rabies control programs: Commonalities and potential pitfalls. Toxicon: X, 2021, 12, 100084.	1.2	1
9	Knowledge, attitudes and practices towards rabies: A survey of the general population residing in the Harare Metropolitan Province of Zimbabwe. PLoS ONE, 2021, 16, e0246103.	1.1	5
10	Lyssaviruses and the Fatal Encephalitic Disease Rabies. Frontiers in Immunology, 2021, 12, 786953.	2.2	13
11	Capacity Building Efforts for Rabies Diagnosis in Resource-Limited Countries in Sub-Saharan Africa: A Case Report of the Central Veterinary Laboratory in Benin (Parakou). Frontiers in Veterinary Science, 2021, 8, 769114.	0.9	1
12	Strategies for the elimination of dog-mediated human rabies by 2030., 2020, , 671-688.		0
13	Towards rabies elimination in the Asia-Pacific region: From theory to practice. Biologicals, 2020, 64, 83-95.	0.5	25
14	Economic and feasibility comparison of the dRIT and DFA for decentralized rabies diagnosis in resource-limited settings: The use of Nigerian dog meat markets as a case study. PLoS Neglected Tropical Diseases, 2020, 14, e0008088.	1.3	7
15	Application of the GARC Data Logger—a custom-developed data collection device—to capture and monitor mass dog vaccination campaigns in Namibia. PLoS Neglected Tropical Diseases, 2020, 14, e0008948.	1.3	9
16	Paramyxo- and Coronaviruses in Rwandan Bats. Tropical Medicine and Infectious Disease, 2019, 4, 99.	0.9	23
17	Reverse transcription recombinase polymerase amplification assay for rapid detection of canine associated rabies virus in Africa. PLoS ONE, 2019, 14, e0219292.	1.1	16
18	Epidemiological aspects of the persistent transmission of rabies during an outbreak (2010 – 2017) in Harare, Zimbabwe. PLoS ONE, 2019, 14, e0210018.	1.1	15

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19	A Novel Integrated and Labile eHealth System for Monitoring Dog Rabies Vaccination Campaigns. Vaccines, 2019, 7, 108.	2.1	12
20	A bioeconomic model for the optimization of local canine rabies control. PLoS Neglected Tropical Diseases, 2019, 13, e0007377.	1.3	13
21	Towards canine rabies elimination: Economic comparisons of three project sites. Transboundary and Emerging Diseases, 2018, 65, 135-145.	1.3	24
22	From recognition to action: A strategic approach to foster sustainable collaborations for rabies elimination. PLoS Neglected Tropical Diseases, 2018, 12, e0006756.	1.3	9
23	Characteristics of owned dogs in rabies endemic KwaZulu-Natal province, South Africa. BMC Veterinary Research, 2018, 14, 278.	0.7	5
24	New global strategic plan to eliminate dog-mediated rabies by 2030. The Lancet Global Health, 2018, 6, e828-e829.	2.9	90
25	Formation of the Asian Rabies Control Network (ARACON): A common approach towards a global good. Antiviral Research, 2018, 157, 134-139.	1.9	13
26	The evaluation of operating Animal Bite Treatment Centers in the Philippines from a health provider perspective. PLoS ONE, 2018, 13, e0199186.	1.1	17
27	The evaluation of Animal Bite Treatment Centers in the Philippines from a patient perspective. PLoS ONE, 2018, 13, e0200873.	1.1	16
28	Rabies control in KwaZulu-Natal, South Africa. Bulletin of the World Health Organization, 2018, 96, 360-365.	1.5	27
29	Global partnerships are critical to advance the control of Neglected Zoonotic Diseases: The case of the Global Alliance for Rabies Control. Acta Tropica, 2017, 165, 274-279.	0.9	10
30	Difficulties in estimating the human burden of canine rabies. Acta Tropica, 2017, 165, 133-140.	0.9	88
31	Towards Canine Rabies Elimination in South-Eastern Tanzania: Assessment of Health Economic Data. Transboundary and Emerging Diseases, 2017, 64, 951-958.	1.3	23
32	Scoping review of indicators and methods of measurement used to evaluate the impact of dog population management interventions. BMC Veterinary Research, 2017, 13, 143.	0.7	34
33	The Road to Dog Rabies Control and Elimination—What Keeps Us from Moving Faster?. Frontiers in Public Health, 2017, 5, 103.	1.3	54
34	Addressing the Disconnect between the Estimated, Reported, and True Rabies Data: The Development of a Regional African Rabies Bulletin. Frontiers in Veterinary Science, 2017, 4, 18.	0.9	28
35	The llocos Norte Communities against Rabies Exposure Elimination Project in the Philippines: Epidemiological and Economic Aspects. Frontiers in Veterinary Science, 2017, 4, 54.	0.9	15
36	The Role of Dog Population Management in Rabies Elimination—A Review of Current Approaches and Future Opportunities. Frontiers in Veterinary Science, 2017, 4, 109.	0.9	112

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37	The Formation of the Eastern Africa Rabies Network: A Sub-Regional Approach to Rabies Elimination. Tropical Medicine and Infectious Disease, 2017, 2, 29.	0.9	7
38	Pathogenicity and Immunogenicity of Recombinant Rabies Viruses Expressing the Lagos Bat Virus Matrix and Glycoprotein: Perspectives for a Pan-Lyssavirus Vaccine. Tropical Medicine and Infectious Disease, 2017, 2, 37.	0.9	8
39	Enhanced diagnosis of rabies and molecular evidence for the transboundary spread of the disease in Mozambique. Journal of the South African Veterinary Association, 2017, 88, e1-e9.	0.2	11
40	Epidemiology of Rabies in Lesotho: The Importance of Routine Surveillance and Virus Characterization. Tropical Medicine and Infectious Disease, 2017, 2, 30.	0.9	10
41	Pre-exposure rabies prophylaxis: a systematic review. Bulletin of the World Health Organization, 2017, 95, 210-219C.	1.5	89
42	Risk factors associated with nonvaccination rabies status of dogs in KwaZulu-Natal, South Africa. Veterinary Medicine: Research and Reports, 2016, Volume 7, 75-83.	0.4	9
43	Subversion of the Immune Response by Rabies Virus. Viruses, 2016, 8, 231.	1.5	38
44	Towards Canine Rabies Elimination in KwaZulu-Natal, South Africa: Assessment of Health Economic Data. Transboundary and Emerging Diseases, 2016, 63, 408-415.	1.3	21
45	New isolations of the rabies-related Mokola virus from South Africa. BMC Veterinary Research, 2016, 13, 37.	0.7	18
46	The SARE tool for rabies control: Current experience in Ethiopia. Antiviral Research, 2016, 135, 74-80.	1.9	46
47	World Rabies Day – a decade of raising awareness. Tropical Diseases, Travel Medicine and Vaccines, 2016, 2, 19.	0.9	22
48	A case of human survival of rabies, South Africa. Southern African Journal of Infectious Diseases, 2016, 31, 66-68.	0.3	6
49	Diversity of Bartonella and Rickettsia spp. in Bats and Their Blood-Feeding Ectoparasites from South Africa and Swaziland. PLoS ONE, 2016, $11$ , e0152077.	1.1	47
50	A case of human survival of rabies, South Africa. Southern African Journal of Infectious Diseases, 2016, 31, 66-68.	0.3	3
51	Novel Paramyxoviruses in Bats from Sub-Saharan Africa, 2007–2012. Emerging Infectious Diseases, 2015, 21, 1840-1843.	2.0	27
52	Utility of forensic detection of rabies virus in decomposed exhumed dog carcasses. Journal of the South African Veterinary Association, 2015, 86, 1220.	0.2	9
53	Global epidemiology of canine rabies: past, present, and future prospects. Veterinary Medicine: Research and Reports, 2015, 6, 361.	0.4	49
54	Estimating the Global Burden of Endemic Canine Rabies. PLoS Neglected Tropical Diseases, 2015, 9, e0003709.	1.3	1,008

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55	The Pan-African Rabies Control Network (PARACON): A unified approach to eliminating canine rabies in Africa. Antiviral Research, 2015, 124, 93-100.	1.9	47
56	Comparison of Biotinylated Monoclonal and Polyclonal Antibodies in an Evaluation of a Direct Rapid Immunohistochemical Test for the Routine Diagnosis of Rabies in Southern Africa. PLoS Neglected Tropical Diseases, 2014, 8, e3189.	1.3	29
57	Pox Viral Vectored Vaccines for Rabies. , 2014, , 245-254.		O
58	Demonstration of African Lyssavirus RNA with Real-Time Polymerase Chain Reaction., 2014,, 63-73.		0
59	Reverse Transcription-Loop-Mediated Isothermal Amplification System for the Detection of Rabies Virus., 2014,, 85-95.		1
60	Demonstration of Lyssavirus Antigens by a Direct Rapid Immunohistochemical Test., 2014,, 27-36.		3
61	A Bayesian approach for inferring the dynamics of partially observed endemic infectious diseases from space-time-genetic data. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133251.	1.2	76
62	Human cases of Sindbis fever in South Africa, 2006–2010. Epidemiology and Infection, 2014, 142, 234-238.	1.0	36
63	Dog rabies in southern Africa: regional surveillance and phylogeographical analyses are an important component of control and elimination strategies. Virus Genes, 2013, 47, 569-573.	0.7	12
64	Differentiation at mitochondrial and nuclear loci between the blesbok (Damaliscus pygargus phillipsi) and bontebok (D. p. pygargus): implications for conservation strategy. Conservation Genetics, 2013, 14, 243-248.	0.8	5
65	High prevalence of antibodies against canine adenovirus (CAV) type 2 in domestic dog populations in South Africa precludes the use of CAV-based recombinant rabies vaccines. Vaccine, 2013, 31, 4177-4182.	1.7	8
66	Dog Bite Histories and Response to Incidents in Canine Rabies-Enzootic KwaZulu-Natal, South Africa. PLoS Neglected Tropical Diseases, 2013, 7, e2059.	1.3	20
67	Diversity and Epidemiology of Mokola Virus. PLoS Neglected Tropical Diseases, 2013, 7, e2511.	1.3	31
68	Coronaviruses in South African Bats. Vector-Borne and Zoonotic Diseases, 2013, 13, 516-519.	0.6	25
69	Antibodies against Duvenhage Virus in Insectivorous Bats in Swaziland. Journal of Wildlife Diseases, 2013, 49, 1000-1003.	0.3	12
70	Factors Impacting the Control of Rabies. Microbiology Spectrum, 2013, 1, .	1.2	11
71	Serological survey of bovine viral diarrhoea virus in Namibian and South African kudu ( <i>Tragelaphus strepsiceros</i> ) and eland ( <i>Taurotragus oryx</i> ). Journal of the South African Veterinary Association, 2013, 84, .	0.2	2
72	Discrepancies in Data Reporting for Rabies, Africa. Emerging Infectious Diseases, 2013, 19, 529-533.	2.0	91

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73	Comparison of pathogenic domains of rabies and African rabies-related lyssaviruses and pathogenicity observed in mice. Onderstepoort Journal of Veterinary Research, 2013, 80, 511.	0.6	19
74	Complete Genome and Molecular Epidemiological Data Infer the Maintenance of Rabies among Kudu (Tragelaphus strepsiceros) in Namibia. PLoS ONE, 2013, 8, e58739.	1.1	27
75	Epidemiology of human rabies in South Africa, 1983–2007. Virus Research, 2011, 155, 283-290.	1.1	32
76	A case study of rabies diagnosis from formalin-fixed brain material: short communication. Journal of the South African Veterinary Association, 2011, 82, 250-253.	0.2	7
77	Renewed Global Partnerships and Redesigned Roadmaps for Rabies Prevention and Control. Veterinary Medicine International, 2011, 2011, 1-18.	0.6	66
78	Molecular phylogeny of Duvenhage virus. South African Journal of Science, 2011, 107, .	0.3	6
79	Soybean blotchy mosaic virus, a New <i>Cytorhabdovirus</i> Found in South Africa. Plant Disease, 2010, 94, 1348-1354.	0.7	13
80	Improved PCR Methods for Detection of African Rabies and Rabies-Related Lyssaviruses. Journal of Clinical Microbiology, 2010, 48, 3949-3955.	1.8	56
81	Rabies in South Africa and the FIFA Soccer World Cup: Travelers' awareness for an endemic but neglected disease. Hum Vaccin, 2010, 6, 385-389.	2.4	9
82	Evolutionary history of African mongoose rabies. Virus Research, 2010, 150, 93-102.	1.1	32
83	Evaluation of a rapid immunodiagnostic test kit for detection of African lyssaviruses from brain material. Onderstepoort Journal of Veterinary Research, 2009, 76, 257-62.	0.6	20
84	Development and Evaluation of a Real-Time Reverse Transcription-Loop-Mediated Isothermal Amplification Assay for Rapid Detection of Rift Valley Fever Virus in Clinical Specimens. Journal of Clinical Microbiology, 2009, 47, 645-651.	1.8	101
85	Characterisation of a proposed Nucleorhabdovirus new to South Africa. European Journal of Plant Pathology, 2009, 123, 105-110.	0.8	11
86	A robust lentiviral pseudotype neutralisation assay for in-field serosurveillance of rabies and lyssaviruses in Africa. Vaccine, 2009, 27, 7178-7186.	1.7	49
87	Poxvirus-vectored vaccines for rabies—A review. Vaccine, 2009, 27, 7198-7201.	1.7	45
88	Molecular epidemiology of rabies: Focus on domestic dogs (Canis familiaris) and black-backed jackals (Canis mesomelas) from northern South Africa. Virus Research, 2009, 140, 71-78.	1.1	69
89	The spread of canine rabies into Free State province of South Africa: A molecular epidemiological characterization. Virus Research, 2009, 142, 175-180.	1.1	24
90	Lagos bat virus virulence in mice inoculated by the peripheral route. Epidemiology and Infection, 2009, 137, 1155-1162.	1.0	26

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91	Mongoose rabies and the African civet in Zimbabwe. Veterinary Record, 2008, 163, 580-580.	0.2	16
92	Phylogeny of Lagos bat virus: Challenges for lyssavirus taxonomy. Virus Research, 2008, 135, 10-21.	1.1	45
93	Cross-protective and cross-reactive immune responses to recombinant vaccinia viruses expressing full-length lyssavirus glycoprotein genes. Epidemiology and Infection, 2008, 136, 670-678.	1.0	29
94	Use of a molecular epidemiological database to track human rabies case histories in South Africa. Epidemiology and Infection, 2008, 136, 1270-1276.	1.0	6
95	Transmission of Activated-Episomal <i>Banana streak OL (badna)virus</i> (BSOLV) to cv. Williams Banana ( <i>Musa</i> sp.) by Three Mealybug Species. Plant Disease, 2008, 92, 1158-1163.	0.7	36
96	Genetic Determinants of Virulence in Pathogenic Lineage 2 West Nile Virus Strains. Emerging Infectious Diseases, 2008, 14, 222-230.	2.0	91
97	Lyssaviruses. Critical Reviews in Microbiology, 2007, 33, 301-324.	2.7	60
98	Generation and evaluation of a recombinant modified vaccinia virus Ankara vaccine for rabies. Vaccine, 2007, 25, 4213-4222.	1.7	31
99	Emerging epidemic dog rabies in coastal South Africa: A molecular epidemiological analysis. Virus Research, 2007, 126, 186-195.	1.1	31
100	Molecular epidemiology of rabies in bat-eared foxes (Otocyon megalotis) in South Africa. Virus Research, 2007, 129, 1-10.	1.1	51
101	Emergence of Lyssaviruses in the Old World: The Case of Africa. Current Topics in Microbiology and Immunology, 2007, 315, 161-193.	0.7	64
102	Mokola Virus in Domestic Mammals, South Africa. Emerging Infectious Diseases, 2007, 13, 1371-1373.	2.0	37
103	Epidemiology and Molecular Virus Characterization of Reemerging Rabies, South Africa. Emerging Infectious Diseases, 2007, 13, 1879-1886.	2.0	38
104	Improved method for the generation and selection of homogeneous lumpy skin disease virus (SA-Neethling) recombinants. Journal of Virological Methods, 2007, 146, 52-60.	1.0	26
105	Fatal Human Infection with Rabies-related Duvenhage Virus, South Africa. Emerging Infectious Diseases, 2006, 12, 1965-1967.	2.0	89
106	Isolation of Lagos Bat Virus from Water Mongoose. Emerging Infectious Diseases, 2006, 12, 1913-1918.	2.0	65
107	Lagos Bat Virus, South Africa. Emerging Infectious Diseases, 2006, 12, 504-506.	2.0	44
108	A molecular epidemiological study of rabies epizootics in kudu (Tragelaphus strepsiceros) in Namibia. BMC Veterinary Research, 2006, 2, 2.	0.7	39

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109	Biotechnology in South Africa. Trends in Biotechnology, 2006, 24, 557-562.	4.9	29
110	Mongoose rabies in southern Africa: a re-evaluation based on molecular epidemiology. Virus Research, 2005, 109, 165-173.	1.1	93
111	Vaccines for lyssaviruses other than rabies. Expert Review of Vaccines, 2005, 4, 533-540.	2.0	35
112	A second outbreak of rabies in African wild dogs (Lycaon pictus) in Madikwe Game Reserve, South Africa, demonstrating the efficacy of vaccination against natural rabies challenge. Animal Conservation, 2004, 7, 193-198.	1.5	47
113	Segment specific inverted repeat sequences in bluetongue virus mRNA are required for interaction with the virus non structural protein NS2. Virus Research, 2004, 105, 1-9.	1.1	12
114	Identification methods for Legionella from environmental samples. Water Research, 2003, 37, 1362-1370.	5.3	44
115	A comparison of DNA vaccines for the rabies-related virus, Mokola. Vaccine, 2003, 21, 2598-2606.	1.7	21
116	Molecular epidemiology of canid rabies in Zimbabwe and South Africa. Virus Research, 2003, 91, 203-211.	1.1	67
117	Genetic heterogeneity in the foot-and-mouth disease virus Leader and 3C proteinases. Gene, 2002, 289, 19-29.	1.0	49
118	Evaluation of detection methods for Legionella species using seeded water samples. Water S A, 2001, 27, 523.	0.2	9
119	Genetic heterogeneity of SAT-1 type foot-and-mouth disease viruses in southern Africa. Archives of Virology, 2001, 146, 1537-1551.	0.9	82
120	Characterization of major histocompatibility complex DRB diversity in the endemic South African antelope Damaliscus pygargus: a comparison in two subspecies with different demographic histories. Molecular Ecology, 2001, 10, 1679-1688.	2.0	23
121	New cases of Mokola virus infection in South Africa: a genotypic comparison of Southern African virus isolates. Virus Genes, 2000, 20, 103-106.	0.7	50
122	Genetic characterization of native southern African chicken populations: evaluation and selection of polymorphic microsatellite markers. South African Journal of Animal Sciences, 2000, 30, 1.	0.2	24
123	Rabies in African wild dogs ( <i>Lycaon pitus</i> ) in the Madikwe Game Reserve, South Africa. Veterinary Record, 2000, 146, 50-52.	0.2	79
124	Characterization of the structural-protein-coding region of SAT 2 type foot-and-mouth disease virus. , 1999, 19, 229-233.		14
125	Removal of Waterborne Human Enteric Viruses and Coliphages with Oxidized Coal. Current Microbiology, 1998, 37, 23-27.	1.0	10
126	Characterization of the Crater Disease Strain of Rhizoctonia solani. Phytopathology, 1998, 88, 366-371.	1.1	15

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127	Comparative sequence analysis and expression of the M6 gene, encoding the outer capsid protein VP5, of African horsesickness virus serotype nine. Virus Research, 1997, 47, 41-49.	1.1	6
128	Stable Protein–RNA Interaction Involves the Terminal Domains of Bluetongue Virus mRNA, but Not the Terminally Conserved Sequences. Virology, 1997, 229, 134-142.	1.1	23
129	Natural spillover of a distinctly Canidae-associated biotype of rabies virus into an expanded wildlife host range in southern Africa. Virus Genes, 1997, 15, 79-82.	0.7	47
130	Site-specific mutations in the NS2 protein of epizootic haemorrhagic disease virus markedly affect the formation of cytoplasmic inclusion bodies. Archives of Virology, 1996, 141, 1143-1151.	0.9	14
131	Identification of a short domain within the non-structural protein NS2 of epizootic haemorrhagic disease virus that is important for single strand RNA-binding activity. Journal of General Virology, 1996, 77, 129-137.	1.3	13
132	Molecular epidemiology of rabies virus in South Africa: evidence for two distinct virus groups. Journal of General Virology, 1995, 76, 73-82.	1.3	84
133	Comparison of the expression and phosphorylation of the non-structural protein NS2 of three different orbiviruses: evidence for the involvement of an ubiquitous cellular kinase. Journal of General Virology, 1994, 75, 3401-3411.	1.3	15
134	Double-stranded RNA comprising the putative avocado virus 1 has a high degree of sequence homology to the avocado genome. Plant Pathology, 1994, 43, 913-916.	1.2	0
135	Mutation of either of two cysteine residues or deletion of the amino or carboxy terminus of nonstructural protein NS1 of bluetongue virus abrogates virus-specified tubule formation in insect cells. Journal of Virology, 1994, 68, 2169-2178.	1.5	20
136	A characterization of the nonstructural protein from which the virus-specified tubules in epizootic haemorrhagic disease virus-infected cells are composed. Virus Research, 1991, 18, 219-230.	1.1	27
137	A comparison of different genomic probes in the detection of virus-specified RNA in Orbivirus-infected cells. Journal of Virological Methods, 1991, 32, 171-180.	1.0	19
138	Synthesis of the virus-specified tubules of epizootic haemorrhagic disease virus using a baculovirus expression system. Virus Research, 1991, 19, 139-152.	1.1	20
139	A comparison of the nucleotide sequences of cognate NS2 genes of three different orbiviruses. Virology, 1991, 185, 500-504.	1.1	46
140	A comparison of different cloned genome segments of Epizootic haemorrhagic disease virus as serogroup-specific probes. Archives of Virology, 1990, 110, 103-112.	0.9	19
141	The influence of different substrate pH values on the performance of a downflow anaerobic fixed bed reactor treating a petrochemical effluent. Biotechnology Letters, 1986, 8, 293-298.	1.1	9
142	Anaerobic digestion of a petrochemical effluent using an upflow anaerobic sludge blanket reactor. Biotechnology Letters, 1984, 6, 741-746.	1.1	12
143	<i>Legionella</i> Detection from South African Cooling Water Systems. , 0, , 284-290.		0
144	Factors Impacting the Control of Rabies. , 0, , 99-114.		0