

Petrus Jansen van Vuren

List of Publications by Year in descending order

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66
papers

2,033
citations

257450

24
h-index

265206

42
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72
all docs

72
docs citations

72
times ranked

2671
citing authors

#	ARTICLE	IF	CITATIONS
1	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2295-2310.	2.1	157
2	Prevalence of antibodies against Rift Valley fever virus in Kenyan wildlife. <i>Epidemiology and Infection</i> , 2008, 136, 1261-1269.	2.1	136
3	Nosocomial Outbreak of Novel Arenavirus Infection, Southern Africa. <i>Emerging Infectious Diseases</i> , 2009, 15, 1598-1602.	4.3	122
4	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. <i>Journal of Clinical Microbiology</i> , 2009, 47, 645-651.	3.9	101
5	Virological and Serological Findings in <i>Rousettus aegyptiacus</i> Experimentally Inoculated with Vero Cells-Adapted Hogan Strain of Marburg Virus. <i>PLoS ONE</i> , 2012, 7, e45479.	2.5	82
6	Preparation and evaluation of a recombinant Rift Valley fever virus N protein for the detection of IgG and IgM antibodies in humans and animals by indirect ELISA. <i>Journal of Virological Methods</i> , 2007, 140, 106-114.	2.1	81
7	Resurgence of Yellow Fever in Angola, 2015–2016. <i>Emerging Infectious Diseases</i> , 2016, 22, 1854-1855.	4.3	76
8	Immunization with DNA Plasmids Coding for Crimean-Congo Hemorrhagic Fever Virus Capsid and Envelope Proteins and/or Virus-Like Particles Induces Protection and Survival in Challenged Mice. <i>Journal of Virology</i> , 2017, 91, .	3.4	73
9	Experimental Inoculation of Egyptian Fruit Bats (<i>Rousettus aegyptiacus</i>) with Ebola Virus. <i>Viruses</i> , 2016, 8, 29.	3.3	71
10	Epidemiologic Investigations into Outbreaks of Rift Valley Fever in Humans, South Africa, 2008–2011. <i>Emerging Infectious Diseases</i> , 2013, 19, .	4.3	63
11	Validation of an indirect ELISA based on a recombinant nucleocapsid protein of Rift Valley fever virus for the detection of IgG antibody in humans. <i>Journal of Virological Methods</i> , 2007, 146, 119-124.	2.1	61
12	Recombinant nucleocapsid-based ELISA for detection of IgG antibody to Rift Valley fever virus in African buffalo. <i>Veterinary Microbiology</i> , 2008, 127, 21-28.	1.9	61
13	Lack of Marburg Virus Transmission From Experimentally Infected to Susceptible In-Contact Egyptian Fruit Bats. <i>Journal of Infectious Diseases</i> , 2015, 212, S109-S118.	4.0	50
14	Laboratory safe detection of nucleocapsid protein of Rift Valley fever virus in human and animal specimens by a sandwich ELISA. <i>Journal of Virological Methods</i> , 2009, 157, 15-24.	2.1	49
15	ChAdOx1 nCoV-19 (AZD1222) vaccine candidate significantly reduces SARS-CoV-2 shedding in ferrets. <i>Npj Vaccines</i> , 2021, 6, 67.	6.0	47
16	A Survey on West Nile and Usutu Viruses in Horses and Birds in Poland. <i>Viruses</i> , 2018, 10, 87.	3.3	45
17	Comparative Evaluation of the Diagnostic Performance of the Prototype Cepheid GeneXpert Ebola Assay. <i>Journal of Clinical Microbiology</i> , 2016, 54, 359-367.	3.9	43
18	Isolation of a Novel Fusogenic Orthoreovirus from <i>Eucampsipoda africana</i> Bat Flies in South Africa. <i>Viruses</i> , 2016, 8, 65.	3.3	41

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19	Anti-Nucleocapsid Protein Immune Responses Counteract Pathogenic Effects of Rift Valley Fever Virus Infection in Mice. <i>PLoS ONE</i> , 2011, 6, e25027.	2.5	40
20	Development of a Rift Valley fever real-time RT-PCR assay that can detect all three genome segments. <i>Journal of Virological Methods</i> , 2013, 193, 426-431.	2.1	39
21	Biosafety standards for working with Crimean-Congo hemorrhagic fever virus. <i>Journal of General Virology</i> , 2016, 97, 2799-2808.	2.9	39
22	Marburg Virus Infection in Egyptian Rousette Bats, South Africa, 2013â€“2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1134-1137.	4.3	35
23	Immunogenicity and Protective Efficacy of a Highly Thermotolerant, Trimeric SARS-CoV-2 Receptor Binding Domain Derivative. <i>ACS Infectious Diseases</i> , 2021, 7, 2546-2564.	3.8	34
24	Serum levels of inflammatory cytokines in Rift Valley fever patients are indicative of severe disease. <i>Virology Journal</i> , 2015, 12, 159.	3.4	32
25	Isolation of a novel orthobunyavirus from bat flies (<i>Eucampsipoda africana</i>). <i>Journal of General Virology</i> , 2017, 98, 935-945.	2.9	29
26	Rift Valley Fever Virus Exposure amongst Farmers, Farm Workers, and Veterinary Professionals in Central South Africa. <i>Viruses</i> , 2019, 11, 140.	3.3	25
27	Antibody Responses to Marburg Virus in Egyptian Rousette Bats and Their Role in Protection against Infection. <i>Viruses</i> , 2018, 10, 73.	3.3	24
28	Paramyxo- and Coronaviruses in Rwandan Bats. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 99.	2.3	23
29	Shedding of Marburg Virus in Naturally Infected Egyptian Rousette Bats, South Africa, 2017. <i>Emerging Infectious Diseases</i> , 2020, 26, 3051-3055.	4.3	23
30	A novel indirect ELISA based on glycoprotein Gn for the detection of IgG antibodies against Rift Valley fever virus in small ruminants. <i>Research in Veterinary Science</i> , 2013, 95, 725-730.	1.9	22
31	Human Cases of Rift Valley Fever in South Africa, 2018. <i>Vector-Borne and Zoonotic Diseases</i> , 2018, 18, 713-715.	1.5	22
32	Ribosome-Profilng Reveals Restricted Post Transcriptional Expression of Antiviral Cytokines and Transcription Factors during SARS-CoV-2 Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3392.	4.1	22
33	Patterns of Rift Valley fever virus seropositivity in domestic ruminants in central South Africa four years after a large outbreak. <i>Scientific Reports</i> , 2020, 10, 5489.	3.3	21
34	Comparison of Enzyme-Linked Immunosorbent Assayâ€‘Based Techniques for the Detection of Antibody to Rift Valley Fever Virus in Thermochemically Inactivated Sheep Sera. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 697-699.	1.5	20
35	A Stabilized, Monomeric, Receptor Binding Domain Elicits High-Titer Neutralizing Antibodies Against All SARS-CoV-2 Variants of Concern. <i>Frontiers in Immunology</i> , 2021, 12, 765211.	4.8	16
36	Inactivated West Nile Virus (WNV) vaccine, Duvaxyn WNV, protects against a highly neuroinvasive lineage 2 WNV strain in mice. <i>Vaccine</i> , 2013, 31, 3856-3862.	3.8	14

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37	South African Ebola diagnostic response in Sierra Leone: A modular high biosafety field laboratory. PLoS Neglected Tropical Diseases, 2017, 11, e0005665.	3.0	14
38	Analysis of Assembly and Budding of Lujo Virus. Journal of Virology, 2016, 90, 3257-3261.	3.4	13
39	Evidence of chikungunya virus infection among febrile patients seeking healthcare in selected districts of Tanzania. Infection Ecology and Epidemiology, 2018, 8, 1553460.	0.8	13
40	A novel adenovirus isolated from the Egyptian fruit bat in South Africa is closely related to recent isolates from China. Scientific Reports, 2018, 8, 9584.	3.3	13
41	Development and validation of a pen side test for Rift Valley fever. PLoS Neglected Tropical Diseases, 2019, 13, e0007700.	3.0	12
42	Rift Valley Fever Reemergence after 7 Years of Quiescence, South Africa, May 2018. Emerging Infectious Diseases, 2019, 25, 338-341.	4.3	12
43	Concentration of infectious SARS-CoV-2 by polyethylene glycol precipitation. Journal of Virological Methods, 2020, 286, 113977.	2.1	12
44	At Least Three Doses of Leading Vaccines Essential for Neutralisation of SARS-CoV-2 Omicron Variant. Frontiers in Immunology, 2022, 13, .	4.8	11
45	Rift Valley Fever Virus. , 2014, , 169-200.		8
46	Highly Thermotolerant SARS-CoV-2 Vaccine Elicits Neutralising Antibodies against Delta and Omicron in Mice. Viruses, 2022, 14, 800.	3.3	8
47	Comparison of a Recombinant Nucleocapsid IgG Indirect ELISA with an IgG Sandwich ELISA for the Detection of Antibodies to Rift Valley Fever Virus in Small Ruminants. Vector-Borne and Zoonotic Diseases, 2012, 12, 1062-1064.	1.5	7
48	Mutation of adjacent cysteine residues in the NSs protein of Rift Valley fever virus results in loss of virulence in mice. Virus Research, 2018, 249, 31-44.	2.2	7
49	Epidemiology and Genomic Analysis of Equine Encephalosis Virus Detected in Horses with Clinical Signs in South Africa, 2010â€“2017. Viruses, 2021, 13, 398.	3.3	6
50	Lithium inhibits NF-Î²B nuclear translocation and modulate inflammation profiles in Rift valley fever virus-infected Raw 264.7 macrophages. Virology Journal, 2021, 18, 116.	3.4	6
51	ILRUN Downregulates ACE2 Expression and Blocks Infection of Human Cells by SARS-CoV-2. Journal of Virology, 2021, 95, e0032721.	3.4	6
52	Rift Valley Fever Virus Seroprevalence among Humans, Northern KwaZulu-Natal Province, South Africa, 2018â€“2019. Emerging Infectious Diseases, 2021, 27, 3159-3162.	4.3	4
53	Detection of Rift Valley Fever Virus in Aedes (Aedimorphus) durbanensis, South Africa. Pathogens, 2022, 11, 125.	2.8	4
54	Detection and genome characterization of Middelburg virus strains isolated from CSF and whole blood samples of humans with neurological manifestations in South Africa. PLoS Neglected Tropical Diseases, 2022, 16, e0010020.	3.0	4

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55	Serum neutralising antibody response of seronegative horses against lineage 1 and lineage 2 West Nile virus following vaccination with an inactivated lineage 1 West Nile virus vaccine. <i>Journal of the South African Veterinary Association</i> , 2013, 84, .	0.6	3
56	Is South Africa at risk for Zika virus disease?. <i>South African Medical Journal</i> , 2016, 106, 232.	0.6	3
57	Complete Genome Sequences of Spondweni Viruses Isolated between 1958 and 1960. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	3
58	Evaluation of Diagnostic Performance of Three Indirect Enzyme-Linked Immunosorbent Assays for the Detection of IgG Antibodies to Ebola Virus in Human Sera. <i>Viruses</i> , 2019, 11, 678.	3.3	3
59	Phylogenetic Analysis of Ebola Virus Disease Transmission in Sierra Leone. <i>Viruses</i> , 2019, 11, 71.	3.3	3
60	West Nile Virus Lineage 2 Associated with Human Case in Republic of Serbia. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 780-783.	1.5	2
61	A 1958 Isolate of Kedougou Virus (KEDV) from Ndumu, South Africa, Expands the Geographic and Temporal Range of KEDV in Africa. <i>Viruses</i> , 2021, 13, 1368.	3.3	2
62	Vector Competence of <i>Eucampsipoda africana</i> (Diptera: Nycteribiidae) for Marburg Virus Transmission in <i>Rousettus aegyptiacus</i> (Chiroptera: Pteropodidae). <i>Viruses</i> , 2021, 13, 2226.	3.3	2
63	Multiplex real-time RT-PCR for detection and distinction of Spondweni and Zika virus. <i>Journal of Virological Methods</i> , 2019, 266, 72-76.	2.1	1
64	Rift Valley fever: a review. <i>Microbiology Australia</i> , 2020, 41, 28.	0.4	1
65	Large-Scale International Validation of an Indirect ELISA Based on Recombinant Nucleocapsid Protein of Rift Valley Fever Virus for the Detection of IgG Antibody in Domestic Ruminants. <i>Viruses</i> , 2021, 13, 1651.	3.3	1
66	Zika virus disease: a public health emergency. <i>Southern African Journal of Infectious Diseases</i> , 2016, 31, 3-4.	0.5	1