

Petrus Jansen van Vuren

List of Publications by Year in descending order

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papers

2,033
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257450

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#	ARTICLE	IF	CITATIONS
1	Detection of Rift Valley Fever Virus in <i>Aedes (Aedimorphus) durbanensis</i> , South Africa. <i>Pathogens</i> , 2022, 11, 125.	2.8	4
2	Detection and genome characterization of Middelburg virus strains isolated from CSF and whole blood samples of humans with neurological manifestations in South Africa. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010020.	3.0	4
3	Highly Thermotolerant SARS-CoV-2 Vaccine Elicits Neutralising Antibodies against Delta and Omicron in Mice. <i>Viruses</i> , 2022, 14, 800.	3.3	8
4	At Least Three Doses of Leading Vaccines Essential for Neutralisation of SARS-CoV-2 Omicron Variant. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	11
5	Ribosome-Profiling 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
6	Epidemiology and Genomic Analysis of Equine Encephalosis Virus Detected in Horses with Clinical Signs in South Africa, 2010–2017. <i>Viruses</i> , 2021, 13, 398.	3.3	6
7	ChAdOx1 nCoV-19 (AZD1222) vaccine candidate significantly reduces SARS-CoV-2 shedding in ferrets. <i>Npj Vaccines</i> , 2021, 6, 67.	6.0	47
8	Lithium inhibits NF- κ B nuclear translocation and modulate inflammation profiles in Rift valley fever virus-infected Raw 264.7 macrophages. <i>Virology Journal</i> , 2021, 18, 116.	3.4	6
9	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
10	ILRN Downregulates ACE2 Expression and Blocks Infection of Human Cells by SARS-CoV-2. <i>Journal of Virology</i> , 2021, 95, e0032721.	3.4	6
11	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
12	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
13	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
14	Rift Valley Fever Virus Seroprevalence among Humans, Northern KwaZulu-Natal Province, South Africa, 2018–2019. <i>Emerging Infectious Diseases</i> , 2021, 27, 3159-3162.	4.3	4
15	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
16	Concentration of infectious SARS-CoV-2 by polyethylene glycol precipitation. <i>Journal of Virological Methods</i> , 2020, 286, 113977.	2.1	12
17	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
18	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

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19	Rift Valley fever: a review. <i>Microbiology Australia</i> , 2020, 41, 28.	0.4	1
20	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
21	Paramyxo- and Coronaviruses in Rwandan Bats. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 99.	2.3	23
22	Development and validation of a pen side test for Rift Valley fever. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007700.	3.0	12
23	Rift Valley Fever Reemergence after 7 Years of Quiescence, South Africa, May 2018. <i>Emerging Infectious Diseases</i> , 2019, 25, 338-341.	4.3	12
24	Phylogenetic Analysis of Ebola Virus Disease Transmission in Sierra Leone. <i>Viruses</i> , 2019, 11, 71.	3.3	3
25	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
26	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
27	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2295-2310.	2.1	157
28	Mutation of adjacent cysteine residues in the NSs protein of Rift Valley fever virus results in loss of virulence in mice. <i>Virus Research</i> , 2018, 249, 31-44.	2.2	7
29	Evidence of chikungunya virus infection among febrile patients seeking healthcare in selected districts of Tanzania. <i>Infection Ecology and Epidemiology</i> , 2018, 8, 1553460.	0.8	13
30	Complete Genome Sequences of Spondweni Viruses Isolated between 1958 and 1960. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	3
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	A novel adenovirus isolated from the Egyptian fruit bat in South Africa is closely related to recent isolates from China. <i>Scientific Reports</i> , 2018, 8, 9584.	3.3	13
33	Marburg Virus Infection in Egyptian Rousette Bats, South Africa, 2013â€“2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1134-1137.	4.3	35
34	A Survey on West Nile and Usutu Viruses in Horses and Birds in Poland. <i>Viruses</i> , 2018, 10, 87.	3.3	45
35	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
36	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

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37	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
38	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
39	South African Ebola diagnostic response in Sierra Leone: A modular high biosafety field laboratory. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005665.	3.0	14
40	Is South Africa at risk for Zika virus disease?. <i>South African Medical Journal</i> , 2016, 106, 232.	0.6	3
41	Resurgence of Yellow Fever in Angola, 2015–2016. <i>Emerging Infectious Diseases</i> , 2016, 22, 1854-1855.	4.3	76
42	Experimental Inoculation of Egyptian Fruit Bats (<i>Rousettus aegyptiacus</i>) with Ebola Virus. <i>Viruses</i> , 2016, 8, 29.	3.3	71
43	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
44	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
45	Analysis of Assembly and Budding of Lujo Virus. <i>Journal of Virology</i> , 2016, 90, 3257-3261.	3.4	13
46	Biosafety standards for working with Crimean-Congo hemorrhagic fever virus. <i>Journal of General Virology</i> , 2016, 97, 2799-2808.	2.9	39
47	Zika virus disease: a public health emergency. <i>Southern African Journal of Infectious Diseases</i> , 2016, 31, 3-4.	0.5	1
48	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
49	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
50	Rift Valley Fever Virus. , 2014, , 169-200.		8
51	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
52	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
53	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
54	Epidemiologic Investigations into Outbreaks of Rift Valley Fever in Humans, South Africa, 2008–2011. <i>Emerging Infectious Diseases</i> , 2013, 19, .	4.3	63

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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	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. <i>Vector-Borne and Zoonotic Diseases</i> , 2012, 12, 1062-1064.	1.5	7
57	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
58	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
59	Comparison of Enzyme-Linked Immunosorbent Assay-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
60	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
61	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
62	Nosocomial Outbreak of Novel Arenavirus Infection, Southern Africa. <i>Emerging Infectious Diseases</i> , 2009, 15, 1598-1602.	4.3	122
63	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
64	Prevalence of antibodies against Rift Valley fever virus in Kenyan wildlife. <i>Epidemiology and Infection</i> , 2008, 136, 1261-1269.	2.1	136
65	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
66	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