Andrew F Van Den Hurk

List of Publications by Year
in descending order

106 papers	6,132 citations	101543 36 h-index	79698 73 g-index
110 all docs	110 docs citations	110 times ranked	4824 citing authors

#	Article	IF	Citations
1	First record of the mosquito Aedes (Downsiomyia) shehzadae (Diptera: Culicidae) in Australia: A unique discovery aided by citizen science. Journal of Vector Ecology, 2022, 47, .	1.0	3
2	The Emergence of Japanese Encephalitis Virus in Australia in 2022: Existing Knowledge of Mosquito Vectors. Viruses, 2022, 14, 1208.	3.3	30
3	The Insect-Specific Parramatta River Virus Is Vertically Transmitted by <i>Aedes vigilax</i> Mosquitoes and Suppresses Replication of Pathogenic Flaviviruses <i>In Vitro</i>. Vector-Borne and Zoonotic Diseases, 2021, 21, 208-215.	1.5	12
4	Infection, Dissemination, and Replication of Urban and Sylvatic Strains of Dengue Virus Type 2 (Flaviviridae: Flavivirus) in Australian Aedes aegypti (Diptera: Culicidae). Journal of Medical Entomology, 2021, 58, 1412-1418.	1.8	1
5	Impact of COVID-19 Mitigation Measures on Mosquito-Borne Diseases in 2020 in Queensland, Australia. Viruses, 2021, 13, 1150.	3.3	7
6	Replication Kinetics of B.1.351 and B.1.1.7 SARS-CoV-2 Variants of Concern Including Assessment of a B.1.1.7 Mutant Carrying a Defective ORF7a Gene. Viruses, 2021, 13, 1087.	3.3	34
7	Physiology and ecology combine to determine host and vector importance for Ross River virus. ELife, 2021, 10, .	6.0	8
8	Uncovering the genetic diversity within the <i>Aedes notoscriptus</i> virome and isolation of new viruses from this highly urbanised and invasive mosquito. Virus Evolution, 2021, 7, veab082.	4.9	13
9	Wolbachia Genome Stability and mtDNA Variants in Aedes aegypti Field Populations Eight Years after Release. IScience, 2020, 23, 101572.	4.1	23
10	Zika Virus sfRNA Plays an Essential Role in the Infection of Insects and Mammals. Proceedings (mdpi), 2020, 50, .	0.2	0
11	Metagenomic Analysis of the Virome of Mosquito Excreta. MSphere, 2020, 5, .	2.9	20
12	Genetic, Morphological and Antigenic Relationships between Mesonivirus Isolates from Australian Mosquitoes and Evidence for Their Horizontal Transmission. Viruses, 2020, 12, 1159.	3.3	10
13	A LAMP-based colorimetric assay to expedite field surveillance of the invasive mosquito speciesÂAedes aegypti and Aedes albopictus. PLoS Neglected Tropical Diseases, 2020, 14, e0008130.	3.0	6
14	Malaria surveillance from both ends: concurrent detection of Plasmodium falciparum in saliva and excreta harvested from Anopheles mosquitoes. Parasites and Vectors, 2019, 12, 355.	2.5	15
15	Japanese Encephalitis Virus in Australia: From Known Known to Known Unknown. Tropical Medicine and Infectious Disease, 2019, 4, 38.	2.3	34
16	Stability of West Nile Virus (Flaviviridae: Flavivirus) RNA in Mosquito Excreta. Journal of Medical Entomology, 2019, 56, 1135-1138.	1.8	10
17	Development and Field Evaluation of a System to Collect Mosquito Excreta for the Detection of Arboviruses. Journal of Medical Entomology, 2019, 56, 1116-1121.	1.8	18
18	Epidemiologic, Entomologic, and Virologic Factors of the 2014â€“15 Ross River Virus Outbreak, Queensland, Australia. Emerging Infectious Diseases, 2019, 25, 2243-2252.	4.3	28

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19	Mission Accomplished? We Need a Guide to the â€˜Post Releaseâ€™ World of Wolbachia for Aedes-borne Disease Control. Trends in Parasitology, 2018, 34, 217-226.	3.3	69
20	Characterization of a Western Pacific Zika Virus Strain in Australian Aedes aegypti. Vector-Borne and Zoonotic Diseases, 2018, 18, 317-322.	1.5	9
21	The recently identified flavivirus Bamaga virus is transmitted horizontally by Culex mosquitoes and interferes with West Nile virus replication in vitro and transmission in vivo. PLoS Neglected Tropical Diseases, 2018, 12, e0006886.	3.0	16
22	Mosquito excreta: A sample type with many potential applications for the investigation of Ross River virus and West Nile virus ecology. PLoS Neglected Tropical Diseases, 2018, 12, e0006771.	3.0	28
23	From Incriminating Stegomyia fasciata to Releasing Wolbachia pipientis: Australian Research on the Dengue Virus Vector, Aedes aegypti, and Development of Novel Strategies for Its Surveillance and Control. Tropical Medicine and Infectious Disease, 2018, 3, 71.	2.3	5
24	Searching for the proverbial needle in a haystack: advances in mosquito-borne arbovirus surveillance. Parasites and Vectors, 2018, 11, 320.	2.5	58
25	The risks to Australia from emerging and exotic arboviruses. Microbiology Australia, 2018, 39, 84.	0.4	1
26	New genotypes of Liao ning virus (LNV) in Australia exhibit an insect-specific phenotype. Journal of General Virology, 2018, 99, 596-609.	2.9	14
27	Zika virus and Culex quinquefasciatus mosquitoes: a tenuous link. Lancet Infectious Diseases, The, 2017, 17, 1014-1016.	9.1	38
28	A New Clade of Insect-Specific Flaviviruses from Australian <i>Anopheles</i> Mosquitoes Displays Species-Specific Host Restriction. MSphere, 2017, 2, .	2.9	64
29	Discovery of new orbiviruses and totivirus from Anopheles mosquitoes in Eastern Australia. Archives of Virology, 2017, 162, 3529-3534.	2.1	21
30	Dengue viruses in Papua New Guinea: evidence of endemicity and phylogenetic variation, including the evolution of new genetic lineages. Emerging Microbes and Infections, 2017, 6, 1-11.	6.5	28
31	Discovery and Characterisation of Castlerea Virus, a New Species of <i>Negevirus</i> Isolated in Australia. Evolutionary Bioinformatics, 2017, 13, 117693431769126.	1.2	28
32	Holding back the tiger: Successful control program protects Australia from Aedes albopictus expansion. PLoS Neglected Tropical Diseases, 2017, 11, e0005286.	3.0	45
33	Rapid Surveillance for Vector Presence (RSVP): Development of a novel system for detecting Aedes aegypti and Aedes albopictus. PLoS Neglected Tropical Diseases, 2017, 11, e0005505.	3.0	23
34	Understanding the role of microRNAs in the interaction of Aedes aegypti mosquitoes with an insect-specific flavivirus. Journal of General Virology, 2017, 98, 1892-1903.	2.9	21
35	Tiger on the prowl: Invasion history and spatio-temporal genetic structure of the Asian tiger mosquito Aedes albopictus (Skuse 1894) in the Indo-Pacific. PLoS Neglected Tropical Diseases, 2017, 11, e0005546.	3.0	63
36	FTA Cards Facilitate Storage, Shipment, and Detection of Arboviruses in Infected Aedes aegypti Collected in Adult Mosquito Traps. American Journal of Tropical Medicine and Hygiene, 2017, 96, 1241-1243.	1.4	23

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37	Dengue and the introduction of mosquito-transmitted viruses into Australia. Microbiology Australia, 2016, 37, 167.	0.4	0
38	Virulence and Evolution of West Nile Virus, Australia, 1960â€"2012. Emerging Infectious Diseases, 2016, 22, 1353-1362.	4.3	26
39	Genetic Characterization of Archived Bunyaviruses and their Potential for Emergence in Australia. Emerging Infectious Diseases, 2016, 22, 833-840.	4.3	11
40	Highly divergent dengue virus type 1 genotype sets a new distance record. Scientific Reports, 2016, 6, 22356.	3.3	49
41	Evolutionary potential of the extrinsic incubation period of dengue virus in<i>Aedes aegypti</i>. Evolution; International Journal of Organic Evolution, 2016, 70, 2459-2469.	2.3	30
42	The insect-specific Palm Creek virus modulates West Nile virus infection in and transmission by Australian mosquitoes. Parasites and Vectors, 2016, 9, 414.	2.5	112
43	Discovery and characterisation of a new insect-specific bunyavirus from Culex mosquitoes captured in northern Australia. Virology, 2016, 489, 269-281.	2.4	26
44	Ten years of the Tiger: Aedes albopictus presence in Australia since its discovery in the Torres Strait in 2005. One Health, 2016, 2, 19-24.	3.4	43
45	Arboviruses of Oceania. Neglected Tropical Diseases, 2016, , 193-235.	0.4	4
46	A newly discovered flavivirus in the yellow fever virus group displays restricted replication in vertebrates. Journal of General Virology, 2016, 97, 1087-1093.	2.9	25
47	Assessment of Local Mosquito Species Incriminates Aedes aegypti as the Potential Vector of Zika Virus in Australia. PLoS Neglected Tropical Diseases, 2016, 10, e0004959.	3.0	66
48	Archival Isolates Confirm a Single Topotype of West Nile Virus in Australia. PLoS Neglected Tropical Diseases, 2016, 10, e0005159.	3.0	3
49	Development and field evaluation of the sentinel mosquito arbovirus capture kit (SMACK). Parasites and Vectors, 2015, 8, 509.	2.5	32
50	The Usual Suspects: Comparison of the Relative Roles of Potential Urban Chikungunya Virus Vectors in Australia. PLoS ONE, 2015, 10, e0134975.	2.5	23
51	A novel insect-specific flavivirus replicates only in Aedes-derived cells and persists at high prevalence in wild Aedes vigilax populations in Sydney, Australia. Virology, 2015, 486, 272-283.	2.4	51
52	Wolbachia Reduces the Transmission Potential of Dengue-Infected Aedes aegypti. PLoS Neglected Tropical Diseases, 2015, 9, e0003894.	3.0	128
53	Field Validation of the Gravid<i>Aedes</i>Trap (GAT) for Collection of<i>Aedes aegypti</i>(Diptera:) Tj ETQq1 1 0.784314 rgBT /Over	1.8	78
54	Applications of a Sugar-Based Surveillance System to Track Arboviruses in Wild Mosquito Populations. Vector-Borne and Zoonotic Diseases, 2014, 14, 66-73.	1.5	57

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55	Role of enhanced vector transmission of a new West Nile virus strain in an outbreak of equine disease in Australia in 2011. Parasites and Vectors, 2014, 7, 586.	2.5	26
56	Limited Dengue Virus Replication in Field-Collected Aedes aegypti Mosquitoes Infected with Wolbachia. PLoS Neglected Tropical Diseases, 2014, 8, e2688.	3.0	288
57	Programmed Ribosomal Frameshift Alters Expression of West Nile Virus Genes and Facilitates Virus Replication in Birds and Mosquitoes. PLoS Pathogens, 2014, 10, e1004447.	4.7	33
58	Comparative Susceptibility of Mosquito Populations in North Queensland, Australia to Oral Infection with Dengue Virus. American Journal of Tropical Medicine and Hygiene, 2014, 90, 422-430.	1.4	29
59	A Simple Non-Powered Passive Trap for the Collection of Mosquitoes for Arbovirus Surveillance. Journal of Medical Entomology, 2013, 50, 185-194.	1.8	63
60	Tracing the Tiger: Population Genetics Provides Valuable Insights into the Aedes (Stegomyia) albopictus Invasion of the Australasian Region. PLoS Neglected Tropical Diseases, 2013, 7, e2361.	3.0	81
61	Morphological versus molecular identification of <i><scp>C</scp>ulex annulirostris</i>â€…<scp>S</scp>kuse and <i><scp>C</scp>ulex palpalis</i>â€…<scp>T</scp>aylor: key members of the <i><scp>C</scp>ulex sitiens</i> (<scp>D</scp>iptera: <scp>C</scp>ulicidae) subgroup in <scp>A</scp>ustralasia. Australian Journal of Entomology, 2013, 52, 356-362.	1.1	7
62	Detection of Arboviruses and Other Micro-Organisms in Experimentally Infected Mosquitoes Using Massively Parallel Sequencing. PLoS ONE, 2013, 8, e58026.	2.5	26
63	An Explosive Epidemic of DENV-3 in Cairns, Australia. PLoS ONE, 2013, 8, e68137.	2.5	84
64	The Role of Australian Mosquito Species in the Transmission of Endemic and Exotic West Nile Virus Strains. International Journal of Environmental Research and Public Health, 2013, 10, 3735-3752.	2.6	20
65	Impact of Wolbachia on Infection with Chikungunya and Yellow Fever Viruses in the Mosquito Vector Aedes aegypti. PLoS Neglected Tropical Diseases, 2012, 6, e1892.	3.0	334
66	Evolution of Mosquito-Based Arbovirus Surveillance Systems in Australia. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8.	3.0	44
67	Culex annulirostris (Diptera: Culicidae) Host Feeding Patterns and Japanese Encephalitis Virus Ecology in Northern Australia. Journal of Medical Entomology, 2012, 49, 371-377.	1.8	20
68	Vector Competence of Australian Mosquitoes for Yellow Fever Virus. American Journal of Tropical Medicine and Hygiene, 2011, 85, 446-451.	1.4	26
69	Laboratory-Acquired Dengue Virus Infectionâ€"A Case Report. PLoS Neglected Tropical Diseases, 2011, 5, e1324.	3.0	24
70	Exploiting mosquito sugar feeding to detect mosquito-borne pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11255-11259.	7.1	130
71	Vector Competence of Australian Mosquitoes for Chikungunya Virus. Vector-Borne and Zoonotic Diseases, 2010, 10, 489-495.	1.5	71
72	Blood Sources of Mosquitoes Collected from Urban and Peri-Urban Environments in Eastern Australia with Species-Specific Molecular Analysis of Avian Blood Meals. American Journal of Tropical Medicine and Hygiene, 2009, 81, 849-857.	1.4	73

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73	Efficacy of birdâ€baited traps placed at different heights for collecting ornithophilic mosquitoes in eastern Queensland, Australia. Australian Journal of Entomology, 2009, 48, 53-59.	1.1	19
74	Vector competence of Australian <i>Culex gelidus</i> Theobald (Diptera: Culicidae) for endemic and exotic arboviruses. Australian Journal of Entomology, 2009, 48, 234-240.	1.1	14
75	Ecology and Geographical Expansion of Japanese Encephalitis Virus. Annual Review of Entomology, 2009, 54, 17-35.	11.8	378
76	Arboviruses Isolated from Mosquitoes Collected from Urban and Peri-urban Areas of Eastern Australia. Journal of the American Mosquito Control Association, 2009, 25, 272-278.	0.7	34
77	A Wolbachia Symbiont in Aedes aegypti Limits Infection with Dengue, Chikungunya, and Plasmodium. Cell, 2009, 139, 1268-1278.	28.9	1,384
78	Transmission of Japanese Encephalitis Virus from the Black Flying Fox, Pteropus alecto, to Culex annulirostris Mosquitoes, Despite the Absence of Detectable Viremia. American Journal of Tropical Medicine and Hygiene, 2009, 81, 457-462.	1.4	53
79	Transmission of Japanese Encephalitis virus from the black flying fox, Pteropus alecto, to Culex annulirostris mosquitoes, despite the absence of detectable viremia. American Journal of Tropical Medicine and Hygiene, 2009, 81, 457-62.	1.4	31
80	Vector Competence of Australian Mosquito Species for a North American Strain of West Nile Virus. Vector-Borne and Zoonotic Diseases, 2008, 8, 805-812.	1.5	49
81	Domestic Pigs and Japanese Encephalitis Virus Infection, Australia. Emerging Infectious Diseases, 2008, 14, 1736-1738.	4.3	57
82	Rapid Identification of Aedes albopictus, Aedes scutellaris, and Aedes aegypti Life Stages Using Real-time Polymerase Chain Reaction Assays. American Journal of Tropical Medicine and Hygiene, 2008, 79, 866-875.	1.4	42
83	Rapid identification of Aedes albopictus, Aedes scutellaris, and Aedes aegypti life stages using real-time polymerase chain reaction assays. American Journal of Tropical Medicine and Hygiene, 2008, 79, 866-75.	1.4	21
84	A Polymerase Chain Reaction-Based Diagnostic to Identify Larvae and Eggs of Container Mosquito Species from the Australian Region. Journal of Medical Entomology, 2007, 44, 376-380.	1.8	32
85	Development and Evaluation of Real-Time Polymerase Chain Reaction Assays to Identify Mosquito (Diptera: Culicidae) Bloodmeals Originating from Native Australian Mammals. Journal of Medical Entomology, 2007, 44, 85-92.	1.8	19
86	Expectoration of Flaviviruses During Sugar Feeding by Mosquitoes (Diptera: Culicidae). Journal of Medical Entomology, 2007, 44, 845-850.	1.8	14
87	Expectoration of Flaviviruses During Sugar Feeding by Mosquitoes (Diptera: Culicidae). Journal of Medical Entomology, 2007, 44, 845-850.	1.8	22
88	Operational Trials of Remote Mosquito Trap Systems for Japanese Encephalitis Virus Surveillance in the Torres Strait, Australia. Vector-Borne and Zoonotic Diseases, 2007, 7, 497-506.	1.5	39
89	INFECTION AND DISSEMINATION OF DENGUE VIRUS TYPE 2 IN AEDES AEGYPTI, AEDES ALBOPICTUS, AND AEDES SCUTELLARIS FROM THE TORRES STRAIT, AUSTRALIA. Journal of the American Mosquito Control Association, 2007, 23, 383-388.	0.7	36
90	A curious coincidence: mosquito biodiversity and the limits of the Japanese encephalitis virus in Australasia. BMC Evolutionary Biology, 2007, 7, 100.	3.2	59

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91	A Polymerase Chain Reaction-Based Diagnostic to Identify Larvae and Eggs of Container Mosquito Species from the Australian Region. Journal of Medical Entomology, 2007, 44, 376-380.	1.8	21
92	Development and Evaluation of Real-Time Polymerase Chain Reaction Assays to Identify Mosquito (Diptera: Culicidae) Bloodmeals Originating from Native Australian Mammals. Journal of Medical Entomology, 2007, 44, 85-92.	1.8	14
93	DOES 1-OCTEN-3-OL ENHANCE TRAP COLLECTIONS OF JAPANESE ENCEPHALITIS VIRUS MOSQUITO VECTORS IN NORTHERN AUSTRALIA?. Journal of the American Mosquito Control Association, 2006, 22, 15-21.	0.7	13
94	Discovery of a Widespread Infestation of Aedes albopictus in the Torres Strait, Australia. Journal of the American Mosquito Control Association, 2006, 22, 358-365.	0.7	104
95	THE FIRST ISOLATION OF JAPANESE ENCEPHALITIS VIRUS FROM MOSQUITOES COLLECTED FROM MAINLAND AUSTRALIA. American Journal of Tropical Medicine and Hygiene, 2006, 75, 21-25.	1.4	64
96	Short report: the first isolation of Japanese encephalitis virus from mosquitoes collected from mainland Australia. American Journal of Tropical Medicine and Hygiene, 2006, 75, 21-5.	1.4	25
97	Identification of new flaviviruses in the Kokobera virus complex. Journal of General Virology, 2005, 86, 121-124.	2.9	28
98	Detection of Australasian Flavivirus encephalitic viruses using rapid fluorogenic TaqMan RT-PCR assays. Journal of Virological Methods, 2004, 117, 161-167.	2.1	73
99	Field Evaluation of a Sentinel Mosquito (Diptera: Culicidae) Trap System to Detect Japanese Encephalitis in Remote Australia. Journal of Medical Entomology, 2003, 40, 249-252.	1.8	23
100	Detection and stability of Japanese encephalitis virus RNA and virus viability in dead infected mosquitoes under different storage conditions.. American Journal of Tropical Medicine and Hygiene, 2002, 67, 656-661.	1.4	38
101	An epidemic of dengue 3 in far north Queensland, 1997â€“1999. Medical Journal of Australia, 2001, 174, 178-182.	1.7	54
102	Seasonal Abundance of<i>Anopheles farauti</i>(Diptera: Culicidae) Sibling Species in Far North Queensland, Australia. Journal of Medical Entomology, 2000, 37, 153-161.	1.8	6
103	Japanese encephalitis in north Queensland, Australia, 1998. Medical Journal of Australia, 1999, 170, 533-536.	1.7	231
104	Malaria and its implications for public health in Far North Queensland: a prospective study. Australian and New Zealand Journal of Public Health, 1998, 22, 196-199.	1.8	9
105	Responses of mosquitoes of the Anopheles farauti complex to 1-octen-3-ol and light in combination with carbon dioxide in northern Queensland, Australia. Medical and Veterinary Entomology, 1997, 11, 177-180.	1.5	26
106	Isolation of Japanese Encephalitis Virus from Culex annulirostris in Australia. American Journal of Tropical Medicine and Hygiene, 1997, 56, 80-84.	1.4	114