

The global compendium of *Aedes aegypti* and *Ae. albopictus*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The global distribution of the arbovirus vectors <i>Aedes aegypti</i> and <i>Ae. albopictus</i> . <i>ELife</i> , 2015, 4, e08347.	2.8	1,428
2	Big city, small world: density, contact rates, and transmission of dengue across Pakistan. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150468.	1.5	63
3	Exploring the Spread of Zika. <i>International Journal of Disease Control and Containment for Sustainability</i> , 2016, 1, 47-68.	0.2	0
4	Dengue and Chikungunya Coinfection – The Emergence of an Underestimated Threat. , 2016, , .		5
5	Chikungunya: epidemiology. <i>F1000Research</i> , 2016, 5, 82.	0.8	100
6	Global distribution and environmental suitability for chikungunya virus, 1952 to 2015. <i>Eurosurveillance</i> , 2016, 21, .	3.9	141
7	Mapping global environmental suitability for Zika virus. <i>ELife</i> , 2016, 5, .	2.8	299
8	The Worldwide Spread of the Tiger Mosquito as Revealed by Mitogenome Haplogroup Diversity. <i>Frontiers in Genetics</i> , 2016, 7, 208.	1.1	54
9	Potential Risk of Dengue and Chikungunya Outbreaks in Northern Italy Based on a Population Model of <i>Aedes albopictus</i> (Diptera: Culicidae). <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004762.	1.3	34
10	A Literature Review of Zika Virus. <i>Emerging Infectious Diseases</i> , 2016, 22, 1185-1192.	2.0	418
11	<i>Aedes albopictus</i> and <i>Aedes japonicus</i> - two invasive mosquito species with different temperature niches in Europe. <i>Parasites and Vectors</i> , 2016, 9, 573.	1.0	62
12	Zika Virus. <i>Clinical Microbiology Reviews</i> , 2016, 29, 487-524.	5.7	1,196
13	Potential for Zika virus introduction and transmission in resource-limited countries in Africa and the Asia-Pacific region: a modelling study. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 1237-1245.	4.6	163
14	Climate Change and the Arboviruses: Lessons from the Evolution of the Dengue and Yellow Fever Viruses. <i>Annual Review of Virology</i> , 2016, 3, 125-145.	3.0	57
15	Will Zika return to the “Old World”? <i>Microbes and Infection</i> , 2016, 18, 527-528.	1.0	3
16	Reported Distribution of <i>Aedes (Stegomyia) aegypti</i> and <i>Aedes (Stegomyia) albopictus</i> in the United States, 1995-2016 (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2016, 53, 1169-1175.	0.9	103
17	An integrated approach for the assessment of the <i>Aedes aegypti</i> and <i>Aedes albopictus</i> global spatial distribution, and determination of the zones susceptible to the development of Zika virus. <i>Acta Tropica</i> , 2017, 168, 80-90.	0.9	40
18	Allergome characterization of the mosquito <i>Aedes aegypti</i> . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1499-1509.	2.7	23

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19	Addressing knowledge gaps in molecular, sero-surveillance and monitoring approaches on Zika epidemics and other arbovirus co-infections: A structured review. <i>Parasite Epidemiology and Control</i> , 2017, 2, 50-60.	0.6	6
20	Disease and economic burdens of dengue. <i>Lancet Infectious Diseases</i> , The, 2017, 17, e70-e78.	4.6	111
21	Model-informed risk assessment for Zika virus outbreaks in the Asia-Pacific regions. <i>Journal of Infection</i> , 2017, 74, 484-491.	1.7	23
22	Why is <i>Aedes aegypti</i> Linnaeus so Successful as a Species?. <i>Neotropical Entomology</i> , 2017, 46, 243-255.	0.5	64
23	Real-Time Surveillance of Infectious Diseases: Taiwan's Experience. <i>Health Security</i> , 2017, 15, 144-153.	0.9	37
24	Spread of Zika virus in the Americas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4334-E4343.	3.3	249
25	Potential High-Risk Areas for Zika Virus Transmission in the Contiguous United States. <i>American Journal of Public Health</i> , 2017, 107, 724-731.	1.5	19
26	Evaluation of reference genes at different developmental stages for quantitative real-time PCR in <i>Aedes aegypti</i> . <i>Scientific Reports</i> , 2017, 7, 43618.	1.6	81
27	Spread of yellow fever virus outbreak in Angola and the Democratic Republic of the Congo 2015-16: a modelling study. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 330-338.	4.6	185
28	The re-emerging arboviral threat: Hidden enemies. <i>BioEssays</i> , 2017, 39, 1600175.	1.2	18
29	Factors of Concern Regarding Zika and Other <i>Aedes aegypti</i> -Transmitted Viruses in the United States. <i>Journal of Medical Entomology</i> , 2017, 54, 251-257.	0.9	18
30	Predicting arboviral disease emergence using Bayesian networks: a case study of dengue virus in Western Australia. <i>Epidemiology and Infection</i> , 2017, 145, 54-66.	1.0	10
31	Combined Toxicity of Three Essential Oils Against <i>Aedes aegypti</i> (Diptera: Culicidae) Larvae. <i>Journal of Medical Entomology</i> , 2017, 54, 1684-1691.	0.9	44
32	Moving to a Dengue Preventive Treatment Through New Vaccines. <i>Current Treatment Options in Infectious Diseases</i> , 2017, 9, 347-355.	0.8	1
33	Genomic and epidemiological characterisation of a dengue virus outbreak among blood donors in Brazil. <i>Scientific Reports</i> , 2017, 7, 15216.	1.6	40
34	Mapping the spatial distribution of the Japanese encephalitis vector, <i>Culex tritaeniorhynchus</i> Giles, 1901 (Diptera: Culicidae) within areas of Japanese encephalitis risk. <i>Parasites and Vectors</i> , 2017, 10, 148.	1.0	45
35	Zika virus: Endemic and epidemic ranges of <i>Aedes</i> mosquito transmission. <i>Journal of Infection and Public Health</i> , 2017, 10, 120-123.	1.9	31
36	Modeling the Environmental Suitability for <i>Aedes (Stegomyia) aegypti</i> and <i>Aedes (Stegomyia) albopictus</i> (Diptera: Culicidae) in the Contiguous United States. <i>Journal of Medical Entomology</i> , 2017, 54, 1605-1614.	0.9	72

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37	Socio-Ecological Mechanisms Supporting High Densities of <i>Aedes albopictus</i> (Diptera: Culicidae) in Baltimore, MD. <i>Journal of Medical Entomology</i> , 2017, 54, 1183-1192.	0.9	60
38	Infection of a French Population of <i>Aedes albopictus</i> and of <i>Aedes aegypti</i> (Paea Strain) with Zika Virus Reveals Low Transmission Rates to These Vectors's Saliva. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2384.	1.8	19
39	Zika Virus: What Have We Learnt Since the Start of the Recent Epidemic?. <i>Frontiers in Microbiology</i> , 2017, 8, 1554.	1.5	44
40	Northern range expansion of the Asian tiger mosquito (<i>Aedes albopictus</i>): Analysis of mosquito data from Connecticut, USA. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005623.	1.3	46
41	Detection and Establishment of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> (Diptera: Culicidae) Mosquitoes in California, 2011–2015. <i>Journal of Medical Entomology</i> , 2017, 54, 533-543.	0.9	50
42	New insights into HCV replication in original cells from <i>Aedes</i> mosquitoes. <i>Virology Journal</i> , 2017, 14, 161.	1.4	4
43	The importance of human population characteristics in modeling <i>Aedes aegypti</i> distributions and assessing risk of mosquito-borne infectious diseases. <i>Tropical Medicine and Health</i> , 2017, 45, 38.	1.0	25
44	Assessment of the Probability of Autochthonous Transmission of Chikungunya Virus in Canada under Recent and Projected Climate Change. <i>Environmental Health Perspectives</i> , 2017, 125, 067001.	2.8	27
45	Estimating the number of unvaccinated Chinese workers against yellow fever in Angola. <i>BMC Infectious Diseases</i> , 2018, 18, 185.	1.3	18
46	Current and future distribution of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> (Diptera: Culicidae) in WHO Eastern Mediterranean Region. <i>International Journal of Health Geographics</i> , 2018, 17, 4.	1.2	58
47	Mosquito vectors. <i>Disease-a-Month</i> , 2018, 64, 213-221.	0.4	0
48	Estimating the probability of dengue virus introduction and secondary autochthonous cases in Europe. <i>Scientific Reports</i> , 2018, 8, 4629.	1.6	44
49	Introduction to disease vectors. <i>Disease-a-Month</i> , 2018, 64, 170-174.	0.4	0
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51	Preparing clinicians for (re-)emerging arbovirus infectious diseases in Europe. <i>Clinical Microbiology and Infection</i> , 2018, 24, 229-239.	2.8	24
52	Analysis of exposure to vector-borne diseases due to flood duration, for a more complete flood hazard assessment: Llanos de Moxos, Bolivia. <i>Ribagua</i> , 2018, 5, 48-62.	0.3	4
53	First Report of <i>Aedes</i> (<i>Stegomyia</i>) <i>albopictus</i> (Skuse) (Diptera: Culicidae), the Asian Tiger Mosquito, in Ecuador. <i>Journal of Medical Entomology</i> , 2018, 55, 248-249.	0.9	19
54	Mapping the spatial distribution of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> . <i>Acta Tropica</i> , 2018, 178, 155-162.	0.9	78

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56	Mosquito-Borne Diseases: Advances in Modelling Climate-Change Impacts. <i>Trends in Parasitology</i> , 2018, 34, 227-245.	1.5	78
57	Bioefficacy of <i>Duranta erecta</i> leaf extract on yellow fever and dengue vector, <i>Aedes aegypti</i> Linn. in Nigeria. <i>Journal of Medicinal Plants Research</i> , 2018, 12, 124-132.	0.2	7
58	Inferences about spatiotemporal variation in dengue virus transmission are sensitive to assumptions about human mobility: a case study using geolocated tweets from Lahore, Pakistan. <i>EPJ Data Science</i> , 2018, 7, 16.	1.5	33
59	Mosquitoes and the Risk of Pathogen Transmission in Europe. <i>Parasitology Research Monographs</i> , 2018, , 213-233.	0.4	0
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62	Construction sites in Miami-Dade County, Florida are highly favorable environments for vector mosquitoes. <i>PLoS ONE</i> , 2018, 13, e0209625.	1.1	12
63	Methods for detecting Zika virus in feces: A case study in captive squirrel monkeys (<i>Saimiri boliviensis</i>)	1.1	6
64	Chikungunya Virus and Zika Virus in Europe. , 2018, , 193-214.		3
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66	Ascogregarina (Apicomplexa: Lecudinidae): An overview of its distribution and pathogenicity on <i>Aedes aegypti</i> and <i>Ae. albopictus</i> development. <i>Biotemas</i> , 2018, 31, 1-13.	0.2	1
67	Niche conservatism of <i>Aedes albopictus</i> and <i>Aedes aegypti</i> - two mosquito species with different invasion histories. <i>Scientific Reports</i> , 2018, 8, 7733.	1.6	31
68	What Does the Future Hold for Yellow Fever Virus? (I). <i>Genes</i> , 2018, 9, 291.	1.0	34
69	First Record of <i>Aedes albopictus</i> (Diptera: Culicidae) and Second Record of <i>Aedes japonicus</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	2
70	Diverse laboratory colonies of <i>Aedes aegypti</i> harbor the same adult midgut bacterial microbiome. <i>Parasites and Vectors</i> , 2018, 11, 207.	1.0	63
71	Mosquito-borne arboviruses of African origin: review of key viruses and vectors. <i>Parasites and Vectors</i> , 2018, 11, 29.	1.0	201
72	Spatial and temporal patterns of dengue infections in Timor-Leste, 2005â€“2013. <i>Parasites and Vectors</i> , 2018, 11, 9.	1.0	46

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73	The spatial and temporal scales of local dengue virus transmission in natural settings: a retrospective analysis. <i>Parasites and Vectors</i> , 2018, 11, 79.	1.0	18
74	Environmental and social determinants of population vulnerability to Zika virus emergence at the local scale. <i>Parasites and Vectors</i> , 2018, 11, 290.	1.0	15
75	Why is congenital Zika syndrome asymmetrically distributed among human populations?. <i>PLoS Biology</i> , 2018, 16, e2006592.	2.6	32
76	Threats of Zika virus transmission for Asia and its Hindu-Kush Himalayan region. <i>Infectious Diseases of Poverty</i> , 2018, 7, 40.	1.5	18
77	<i>Aedes</i> Mosquitoes and <i>Aedes</i> -Borne Arboviruses in Africa: Current and Future Threats. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 220.	1.2	153
78	Target and non-target toxicity of fern extracts against mosquito vectors and beneficial aquatic organisms. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 221-230.	2.9	35
79	Modeling the spread of the Zika virus using topological data analysis. <i>PLoS ONE</i> , 2018, 13, e0192120.	1.1	18
80	Glutathionylation of dengue and Zika NS5 proteins affects guanylyltransferase and RNA dependent RNA polymerase activities. <i>PLoS ONE</i> , 2018, 13, e0193133.	1.1	14
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84	Population structuring of the invasive mosquito <i>Aedes albopictus</i> (Diptera: Culicidae) on a microgeographic scale. <i>PLoS ONE</i> , 2019, 14, e0220773.	1.1	12
85	Natural Vertical Transmission of Zika Virus in Larval <i>Aedes aegypti</i> Populations, Morelos, Mexico. <i>Emerging Infectious Diseases</i> , 2019, 25, 1477-1484.	2.0	17
86	Making Vector-Borne Disease Surveillance Work: New Opportunities From the SDG Perspectives. <i>Frontiers in Veterinary Science</i> , 2019, 6, 232.	0.9	13
87	A dataset of distribution and diversity of ticks in China. <i>Scientific Data</i> , 2019, 6, 105.	2.4	49
88	Consensus and uncertainty in the geographic range of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in the contiguous United States: Multi-model assessment and synthesis. <i>PLoS Computational Biology</i> , 2019, 15, e1007369.	1.5	14
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92	Does prior dengue virus exposure worsen clinical outcomes of Zika virus infection? A systematic review, pooled analysis and lessons learned. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007060.	1.3	17
93	The current and future global distribution and population at risk of dengue. <i>Nature Microbiology</i> , 2019, 4, 1508-1515.	5.9	645
94	Estimating Past, Present, and Future Trends in the Global Distribution and Abundance of the Arbovirus Vector <i>Aedes aegypti</i> Under Climate Change Scenarios. <i>Frontiers in Public Health</i> , 2019, 7, 148.	1.3	73
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96	Climate change may enable <i>Aedes aegypti</i> infestation in major European cities by 2100. <i>Environmental Research</i> , 2019, 172, 693-699.	3.7	56
97	Past and future spread of the arbovirus vectors <i>Aedes aegypti</i> and <i>Aedes albopictus</i> . <i>Nature Microbiology</i> , 2019, 4, 854-863.	5.9	699
98	Evidence for the natural occurrence of <i>Wolbachia</i> in <i>Aedes aegypti</i> mosquitoes. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	30
99	Assessment of the effectiveness of BG-Sentinel traps baited with CO2 and BG-Lure for the surveillance of vector mosquitoes in Miami-Dade County, Florida. <i>PLoS ONE</i> , 2019, 14, e0212688.	1.1	35
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101	Spatial and Temporal Analyses of the Spread of Zika Virus Worldwide. , 2019, , .		1
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103	An effective mosquito-repellent topical product from liquid crystal-based tea tree oil. <i>Industrial Crops and Products</i> , 2019, 128, 488-495.	2.5	16
104	Modeling the Asian Longhorned Tick (<i>Acari: Ixodidae</i>) Suitable Habitat in North America. <i>Journal of Medical Entomology</i> , 2019, 56, 384-391.	0.9	49
105	Extraction and Characterization of Secondary Metabolites from the Soil Bacterium, <i>Acidovorax</i> sp. SA5 and Evaluation of Their Larvicidal Activity Against <i>Aedes aegypti</i> . <i>International Journal of Environmental Research</i> , 2019, 13, 47-58.	1.1	2
106	The Global Expansion of Dengue: How <i>Aedes aegypti</i> Mosquitoes Enabled the First Pandemic Arbovirus. <i>Annual Review of Entomology</i> , 2020, 65, 191-208.	5.7	203
107	GloPID-R report on chikungunya, o'nyong-nyong and Mayaro virus, part 5: Entomological aspects. <i>Antiviral Research</i> , 2020, 174, 104670.	1.9	19
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110	Influence of socio-economic, demographic and climate factors on the regional distribution of dengue in the United States and Mexico. <i>International Journal of Health Geographics</i> , 2020, 19, 44.	1.2	18
111	Proliferation of <i>Aedes aegypti</i> in urban environments mediated by the availability of key aquatic habitats. <i>Scientific Reports</i> , 2020, 10, 12925.	1.6	45
112	The Developmental Transcriptome of <i>Aedes albopictus</i> , a Major Worldwide Human Disease Vector. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1051-1062.	0.8	30
113	Molecular characterization of chikungunya virus during the 2019 outbreak in the Democratic Republic of the Congo. <i>Emerging Microbes and Infections</i> , 2020, 9, 1912-1918.	3.0	16
114	Analysis of the transcription of genes encoding heat shock proteins (hsp) in <i>Aedes aegypti</i> Linnaeus, 1762 (Diptera: Culicidae), maintained under climatic conditions provided by the IPCC (Intergovernmental Panel On Climate Change) for the year 2100. <i>Infection, Genetics and Evolution</i> , 2020, 86, 104626.	1.0	5
115	Accelerating invasion potential of disease vector <i>Aedes aegypti</i> under climate change. <i>Nature Communications</i> , 2020, 11, 2130.	5.8	138
116	Under-the-Radar Dengue Virus Infections in Natural Populations of <i>Aedes aegypti</i> Mosquitoes. <i>MSphere</i> , 2020, 5, .	1.3	19
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118	Effect of mating period and time of day for bloodmeal on rearing of Asian tiger mosquito (<i>Aedes</i>) Tj ETQq1 1 0,784314 rgBT /Ove	0,6	1
119	Spatial, Temporal, and Genetic Invasion Dynamics of <i>Aedes albopictus</i> (Diptera: Culicidae) in Illinois. <i>Journal of Medical Entomology</i> , 2020, 57, 1488-1500.	0.9	8
120	Epidemiological data from the COVID-19 outbreak, real-time case information. <i>Scientific Data</i> , 2020, 7, 106.	2.4	280
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124	Acute toxicity of mosquito pesticides on weed biological control agents in south Florida, USA. <i>Biocontrol Science and Technology</i> , 2020, 30, 855-861.	0.5	4
125	On a Network Model of Two Competitors With Applications to the Invasion and Competition of <i>Aedes Albopictus</i> and <i>Aedes Aegypti</i> Mosquitoes in the United States. <i>SIAM Journal on Applied Mathematics</i> , 2020, 80, 929-950.	0.8	12
126	Efficient production of male Wolbachia-infected <i>Aedes aegypti</i> mosquitoes enables large-scale suppression of wild populations. <i>Nature Biotechnology</i> , 2020, 38, 482-492.	9.4	225

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128	Climate change impacts on human health at an actionable scale: a state-level assessment of Indiana, USA. <i>Climatic Change</i> , 2020, 163, 1985-2004.	1.7	14
129	Urban farms in Miami-Dade county, Florida have favorable environments for vector mosquitoes. <i>PLoS ONE</i> , 2020, 15, e0230825.	1.1	8
130	Transmission dynamics of multi-strain dengue virus with cross-immunity. <i>Applied Mathematics and Computation</i> , 2021, 392, 125742.	1.4	8
131	Exploring the <i>ci</i> adjustment to parasite pressure hypothesis: differences in uropygial gland volume and haemosporidian infection in palearctic and neotropical birds. <i>Environmental Epigenetics</i> , 2021, 67, 147-156.	0.9	5
132	Delayed mortality effects of cold fronts during the winter season on <i>Aedes aegypti</i> in a temperate region. <i>Journal of Thermal Biology</i> , 2021, 95, 102808.	1.1	8
133	Overexposing mosquitoes to insecticides under global warming: A public health concern?. <i>Science of the Total Environment</i> , 2021, 762, 143069.	3.9	39
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135	Vector-borne diseases in Iran: epidemiology and key challenges. <i>Future Microbiology</i> , 2021, 16, 51-69.	1.0	8
136	Asynchronicity of endemic and emerging mosquito-borne disease outbreaks in the Dominican Republic. <i>Nature Communications</i> , 2021, 12, 151.	5.8	22
137	Effectiveness of adulticide and larvicide in controlling high densities of <i>Aedes aegypti</i> in urban environments. <i>PLoS ONE</i> , 2021, 16, e0246046.	1.1	15
138	The global burden of yellow fever. <i>ELife</i> , 2021, 10, .	2.8	66
139	Modelling distributions of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> using climate, host density and interspecies competition. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009063.	1.3	16
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