

CITATION REPORT

List of articles citing

Impact of simultaneous exposure to arboviruses on infection and transmission by *Aedes aegypti* mosquitoes

DOI: 10.1038/ncomms15412
Nature Communications, 2017, 8, 15412.

Source: <https://exaly.com/paper-pdf/66391878/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
145	Vectors, Hosts, and Control Measures for Zika Virus in the Americas. 2017 , 14, 821-839		6
144	Co-Infection of Mosquitoes with Chikungunya and Dengue Viruses Reveals Modulation of the Replication of Both Viruses in Midguts and Salivary Glands of <i>Aedes aegypti</i> Mosquitoes. 2017 , 18,		30
143	Clinical and epidemiologic characteristics of dengue and other etiologic agents among patients with acute febrile illness, Puerto Rico, 2012-2015. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005859	4.8	31
142	Zika virus displacement by a chikungunya outbreak in Recife, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006055	4.8	35
141	Classical and 3D QSAR studies of larvicidal monoterpenes against <i>Aedes aegypti</i> : new molecular insights for the rational design of more active compounds. 2018 , 29, 1287-1297		12
140	Additional travel recommendations for babies and pregnant women after the recent Zika and Chikungunya outbreaks. 2018 , 22, 75-76		
139	Coinfection with Zika Virus (ZIKV) and Dengue Virus Results in Preferential ZIKV Transmission by Vector Bite to Vertebrate Host. 2018 , 218, 563-571		26
138	Current concerns and perspectives on Zika virus co-infection with arboviruses and HIV. 2018 , 89, 11-20		38
137	A vaccinia-based single vector construct multi-pathogen vaccine protects against both Zika and chikungunya viruses. <i>Nature Communications</i> , 2018 , 9, 1230	17.4	44
136	Mosquito-borne and sexual transmission of Zika virus: Recent developments and future directions. 2018 , 254, 1-9		25
135	Molecular Basis for Arbovirus Transmission by <i>Aedes aegypti</i> Mosquitoes. 2018 , 61, 255-264		13
134	Cocirculation and Coinfection Associated to Zika Virus in the Americas. 2018 ,		
133	Mosquitoes and the Risk of Pathogen Transmission in Europe. 2018 , 213-233		
132	Restriction of Zika virus infection and transmission in <i>Aedes aegypti</i> mediated by an insect-specific flavivirus. 2018 , 7, 181		35
131	Epidemiology of dengue and other arboviruses in a cohort of school children and their families in Yucatan, Mexico: Baseline and first year follow-up. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006847	4.8	16
130	Competition among <i>Aedes aegypti</i> larvae. 2018 , 13, e0202455		8
129	Larval Exposure to the Bacterial Insecticide Enhances Dengue Virus Susceptibility of Adult Mosquitoes. 2018 , 9,		15

128	Sequential Infection of Mosquitoes with Chikungunya Virus and Zika Virus Enhances Early Zika Virus Transmission. 2018 , 9,		19
127	Chikungunya Virus and Zika Virus Transmission Cycles. 2018 , 15-68		
126	A scoping review of Chikungunya virus infection: epidemiology, clinical characteristics, viral co-circulation complications, and control. 2018 , 188, 213-224		43
125	Quiescence in : Interpopulation Differences Contribute to Population Dynamics and Vectorial Capacity. 2018 , 9,		5
124	Reproducibility and relevance in insect-arbovirus infection studies. 2018 , 28, 105-112		12
123	Comparing the effectiveness of different strains of Wolbachia for controlling chikungunya, dengue fever, and zika. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006666	4.8	24
122	Competitive suppression of dengue virus replication occurs in chikungunya and dengue co-infected Mexican infants. 2018 , 11, 378		7
121	Untold stories of the Zika virus epidemic in Brazil. <i>Reviews in Medical Virology</i> , 2018 , 28, e2000	11.7	3
120	Zika virus infection and microcephaly: Evidence regarding geospatial associations. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006392	4.8	12
119	Viral Determinants and Vector Competence of Zika Virus Transmission. <i>Frontiers in Microbiology</i> , 2018 , 9, 1040	5.7	13
118	Mosquitoes as Suitable Vectors for Alphaviruses. <i>Viruses</i> , 2018 , 10,	6.2	14
117	Natural Variation in Resistance to Virus Infection in Dipteran Insects. <i>Viruses</i> , 2018 , 10,	6.2	39
116	What Does the Future Hold for Yellow Fever Virus? (I). 2018 , 9,		26
115	Building Infestation Index for <i>Aedes aegypti</i> and occurrence of dengue fever in the municipality of Foz do Iguaçu, Paraná-Brazil, from 2001 to 2016. 2018 , 51, 71-76		6
114	Estimating the effects of variation in viremia on mosquito susceptibility, infectiousness, and R0 of Zika in <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006733	4.8	17
113	QSAR modelling of synergists to increase the efficacy of deltamethrin against pyrethroid-resistant <i>Aedes aegypti</i> mosquitoes. 2018 , 29, 613-629		6
112	Zika might not be acting alone: Using an ecological study approach to investigate potential co-acting risk factors for an unusual pattern of microcephaly in Brazil. 2018 , 13, e0201452		30
111	Retrospective investigation of IgM antibodies against Zika virus in serum from febrile patients in Mozambique, 2009-2015. 2019 , 12, 469		0

110	Evolution-Driven Attenuation of Alphaviruses Highlights Key Glycoprotein Determinants Regulating Viral Infectivity and Dissemination. 2019 , 28, 460-471.e5		8
109	Spatial diffusion of the 2015-2016 Zika, dengue and chikungunya epidemics in Rio de Janeiro Municipality, Brazil. 2019 , 147, e237		3
108	Arboviruses and the Challenge to Establish Systemic and Persistent Infections in Competent Mosquito Vectors: The Interaction With the RNAi Mechanism. 2019 , 10, 890		10
107	Vector competence of <i>Aedes aegypti</i> for different strains of Zika virus in Argentina. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007433	4.8	9
106	Serial real-time RT-PCR and serology measurements substantially improve Zika and Dengue virus infection classification in a co-circulation area. 2019 , 172, 104638		9
105	Arbovirus coinfection and co-transmission: A neglected public health concern?. 2019 , 17, e3000130		63
104	Infection Pattern of Mayaro Virus in <i>Aedes aegypti</i> (Diptera: Culicidae) and Transmission Potential of the Virus in Mixed Infections With Chikungunya Virus. 2019 , 56, 832-843		17
103	Simultaneous Coinfection of Macaques with Zika and Dengue Viruses Does not Enhance Acute Plasma Viremia but Leads to Activation of Monocyte Subsets and Biphasic Release of Pro-inflammatory Cytokines. 2019 , 9, 7877		5
102	Pathogen blocking in <i>Wolbachia</i> -infected <i>Aedes aegypti</i> is not affected by Zika and dengue virus co-infection. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007443	4.8	18
101	RNA recombination at Chikungunya virus 3'UTR as an evolutionary mechanism that provides adaptability. 2019 , 15, e1007706		19
100	Short-term persistence precedes pathogenic infection: Infection kinetics of cricket paralysis virus in silkworm-derived Bm5 cells. 2019 , 115, 1-11		11
99	The role of co-infection and swarm dynamics in arbovirus transmission. 2019 , 265, 88-93		7
98	Arbovirus lifecycle in mosquito: acquisition, propagation and transmission. 2019 , 21, e1		18
97	Identification of relevant regions on structural and nonstructural proteins of for vaccine and diagnostic test development: an approach. 2019 , 29, 100506		6
96	Tenuivirus utilizes its glycoprotein as a helper component to overcome insect midgut barriers for its circulative and propagative transmission. 2019 , 15, e1007655		25
95	Detection of chikungunya virus-specific IgM on laser-cut paper-based device using pseudo-particles as capture antigen. 2019 , 91, 899-910		5
94	Chikungunya virus populations experience diversity- dependent attenuation and purifying intra-vector selection in Californian <i>Aedes aegypti</i> mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007853	4.8	4
93	Impacts of Zika emergence in Latin America on endemic dengue transmission. <i>Nature Communications</i> , 2019 , 10, 5730	17.4	27

92	<i>Aedes aegypti</i> vector competence studies: A review. 2019 , 67, 191-209		122
91	The decline of dengue in the Americas in 2017: discussion of multiple hypotheses. 2019 , 24, 442-453		34
90	Co-infection between Zika and different Dengue serotypes during DENV outbreak in Brazil. 2019 , 12, 178-181		27
89	Coinfection by and a fungal pathogen increases survival of Chagasic bugs: advice against a fungal control strategy. 2020 , 110, 363-369		1
88	Geographic shifts in the bioclimatic suitability for under climate change scenarios in Colombia. 2020 , 6, e03101		6
87	Characteristics of Zika virus infection among international travelers: A prospective study from a Spanish referral unit. 2020 , 33, 101543		3
86	Distinct New York City Mosquito Populations Display Differences in Salivary Gland Protein D7 Diversity and Chikungunya Virus Replication. <i>Viruses</i> , 2020 , 12,	6.2	1
85	Competition between Usutu virus and West Nile virus during simultaneous and sequential infection of mosquitoes. 2020 , 9, 2642-2652		4
84	Superinfection Exclusion in Mosquitoes and Its Potential as an Arbovirus Control Strategy. <i>Viruses</i> , 2020 , 12,	6.2	3
83	Experimental study of dengue virus infection in <i>Aedes aegypti</i> and <i>Aedes albopictus</i> : A comparative analysis on susceptibility, virus transmission and reproductive success. 2020 , 175, 107445		3
82	Malathion insecticide resistance in <i>Aedes aegypti</i> : laboratory conditions and in situ experimental approach through adult entomological surveillance. 2020 , 25, 1271-1282		4
81	Neurological complications in adults with Zika and chikungunya virus infection. 2020 , 19, 799-801		1
80	Vector competence of Malaysian <i>Aedes aegypti</i> to Zika virus and impact of sequential arbovirus infections. 2020 , 208, 105472		
79	Retrospective cross-sectional observational study on the epidemiological profile of dengue cases in Pernambuco state, Brazil, between 2015 and 2017. 2020 , 20, 923		4
78	Concurrent amplification of Zika, chikungunya, and yellow fever virus in a sylvatic focus of arboviruses in Southeastern Senegal, 2015. 2020 , 20, 181		3
77	Arbovirus vectors of epidemiological concern in the Americas: A scoping review of entomological studies on Zika, dengue and chikungunya virus vectors. 2020 , 15, e0220753		17
76	Zika virus infection in asymptomatic persons in Myanmar, 2018. 2020 , 114, 440-447		2
75	Participation of Extracellular Vesicles from Zika-Virus-Infected Mosquito Cells in the Modification of Naïve Cells' Behavior by Mediating Cell-to-Cell Transmission of Viral Elements. 2020 , 9,		15

74	Coinfection, Altered Vector Infectivity, and Antibody-Dependent Enhancement: The Dengue-Zika Interplay. 2020 , 82, 13		4
73	Dengue-chikungunya coinfection outbreak in children from Cali, Colombia in 2018-2019. 2021 , 102, 97-102		2
72	Mosquito-infecting virus Espirito Santo virus inhibits replication and spread of dengue virus. 2021 , 93, 3362-3373		3
71	Genome Number and Size Polymorphism in Zika Virus Infectious Units. <i>Journal of Virology</i> , 2021 , 95,	6.6	3
70	Brazilian <i>Aedes aegypti</i> as a Competent Vector for Multiple Complex Arboviral Coinfections. 2021 , 224, 101-108		2
69	Simultaneous circulation of zika, dengue, and chikungunya viruses and their vertical co-transmission among <i>Aedes aegypti</i> . 2021 , 215, 105819		2
68	Climatic and socio-economic factors supporting the co-circulation of dengue, Zika and chikungunya in three different ecosystems in Colombia. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009259	4.8	10
67	In vitro study of Hesperetin and Hesperidin as inhibitors of zika and chikungunya virus proteases. 2021 , 16, e0246319		8
66	Host Factors That Control Mosquito-Borne Viral Infections in Humans and Their Vector. <i>Viruses</i> , 2021 , 13,	6.2	1
65	The type of blood used to feed <i>Aedes aegypti</i> females affects their cuticular and internal free fatty acid (FFA) profiles. 2021 , 16, e0251100		4
64	Determining vector competence of <i>Aedes aegypti</i> from Ghana in transmitting dengue virus serotypes 1 and 2. 2021 , 14, 228		4
63	Dengue fusion peptide in Langmuir monolayers: A binding parameter study. 2021 , 271, 106553		5
62	Adaptation to vector-based transmission in a honeybee virus. 2021 , 90, 2254-2267		5
61	Structurally conserved domains between flavivirus and alphavirus fusion glycoproteins contribute to replication in mammals and infectious virion production.		
60	Simultaneous Circulation of DENV, CHIKV, ZIKV and SARS-CoV-2 in Brazil: an Inconvenient Truth. 2021 , 12, 100205		11
59	The effects of DENV serotype competition and co-infection on viral kinetics in <i>Wolbachia</i> -infected and uninfected <i>Aedes aegypti</i> mosquitoes. 2021 , 14, 314		2
58	In vitro and in vivo co-infection and super-infection dynamics of Mayaro and Zika viruses in mosquito and vertebrate backgrounds.		
57	Development of nano-emulsions based on Ayapana triplinervis essential oil for the control of <i>Aedes aegypti</i> larvae. 2021 , 16, e0254225		2

56	Chikungunya nsP4 homology modeling reveals a common motif with Zika and Dengue RNA polymerases as a potential therapeutic target. 2021 , 27, 247		1
55	The clinical spectrum and immunopathological mechanisms underlying ZIKV-induced neurological manifestations. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009575	4.8	1
54	Zoonotic Blood-Borne Pathogens in Non-Human Primates in the Neotropical Region: A Systematic Review. 2021 , 10,		3
53	Emerging chikungunya virus variants at the E1-E1 inter-glycoprotein spike interface impact virus attachment and Inflammation.		
52	An updated RT-qPCR assay for the simultaneous detection and quantification of chikungunya, dengue and zika viruses. 2021 , 93, 104967		0
51	Mapping the evolutionary landscape of Zika virus infection in immunocompromised mice. 2020 , 6, veaa092		2
50	Development of nano-emulsions based on Ayapana triplinervis for the control of Aedes aegypti larvae.		3
49	Suppression of chikungunya virus replication and differential innate responses of human peripheral blood mononuclear cells during co-infection with dengue virus. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005712	4.8	16
48	Spatiotemporal transmission dynamics of co-circulating dengue, Zika, and chikungunya viruses in Fortaleza, Brazil: 2011-2017. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008760	4.8	4
47	Fully automated point-of-care differential diagnosis of acute febrile illness. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009177	4.8	3
46	Arboviruses and Their Vectors. 2020 , 113, 520-523		2
45	Identification of Zika virus in immature phases of Aedes aegypti and Aedes albopictus: a surveillance strategy for outbreak anticipation. <i>Brazilian Journal of Medical and Biological Research</i> , 2019 , 52, e8339	2.8	3
44	Dengue in Brazil in 2017: what happened?. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2018 , 60, e43	2.2	10
43	Role of Immunoinformatics in Accelerating Epitope-Based Vaccine Development against Dengue Virus. <i>The Open Biochemistry Journal</i> , 2020 , 14, 9-18	0.9	2
42	Detection of Zika Virus Infection in Myanmar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 868-871	3.2	17
41	Comparison of Chikungunya Virus and Zika Virus Replication and Transmission Dynamics in Mosquitoes. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 869-875	3.2	8
40	Growth Characteristics of Chikungunya Virus Isolate from Indonesia in Various Human Cell Lines in vitro. <i>Microbiology Indonesia</i> , 2019 , 13, 1-8	0.4	1
39	Estimating the effects of variation in viremia on mosquito susceptibility, infectiousness, and R0 of Zika in Aedes aegypti.		1

38	Tenuivirus uses a molecular bridge strategy to overcome insect midgut barriers for virus persistent transmission.		
37	Competition among <i>Aedes aegypti</i> larvae Kurt Steinwascher.		1
36	Arbovirus Vectors of Epidemiological Concern in the Americas: A Scoping Review of Entomological Studies on Zika, Dengue and Chikungunya Virus Vectors.		
35	Mapping the evolutionary landscape of Zika virus infection in immunocompromised mice.		
34	The science of mosquitoes: Youths' perceptions, engagement, and learning from a Skype in the classroom science communication program. <i>Advancements in Agricultural Development</i> , 2020 , 1, 79-89	0.7	2
33	Climatic and socio-economic factors supporting the co-circulation of dengue, Zika and chikungunya in three different ecosystems in Colombia.		
32	Structurally conserved domains between flavivirus and alphavirus fusion glycoproteins contribute to replication and infectious virion production. <i>Journal of Virology</i> , 2021 , JVI0177421	6.6	0
31	Impact of the introduction of chikungunya and zika viruses on the incidence of dengue in endemic zones of Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009922	4.8	0
30	Automatic detection of <i>Aedes aegypti</i> breeding grounds based on deep networks with spatio-temporal consistency. <i>Computers, Environment and Urban Systems</i> , 2022 , 93, 101754	5.9	
29	Current Understanding of the Role of T Cells in Chikungunya, Dengue and Zika Infections.. <i>Viruses</i> , 2022 , 14,	6.2	0
28	Serological Evidence of Zika Virus Infection in Febrile Patients and Healthy Blood Donors in Sabah, Malaysian Borneo, 2017-2018. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 ,	3.2	2
27	<i>Aedes</i> mosquitoes in the emerging threat of urban yellow fever transmission.. <i>Reviews in Medical Virology</i> , 2022 , e2333	11.7	2
26	Assessing <i>Aedes aegypti</i> candidate genes during viral infection and Wolbachia-mediated pathogen blocking.. <i>Insect Molecular Biology</i> , 2022 ,	3.4	0
25	Emerging chikungunya virus variants at the E1-E1 inter-glycoprotein spike interface impact virus attachment and Inflammation.. <i>Journal of Virology</i> , 2021 , JVI0158621	6.6	0
24	Bluetongue Research at a Crossroads: Modern Genomics Tools Can Pave the Way to New Insights.. <i>Annual Review of Animal Biosciences</i> , 2022 , 10, 303-324	13.7	
23	Vector Specificity of Arbovirus Transmission.. <i>Frontiers in Microbiology</i> , 2021 , 12, 773211	5.7	5
22	Interactions between seasonal temperature variation and temporal synchrony drive increased arbovirus co-infection incidence.		
21	IN SILICO AND IN VIVO STUDY OF ADULTICIDAL ACTIVITY FROM <i>Ayapana triplinervis</i> ESSENTIAL OILS NANO-EMULSION AGAINST <i>Aedes aegypti</i> . <i>Arabian Journal of Chemistry</i> , 2022 , 104033	5.9	0

20	Aedes aegypti and Ae. albopictus microbiome/virome: new strategies for controlling arboviral transmission?. 2022 , 15,	1
19	Natural vertical cotransmission of Dengue virus and Chikungunya virus from Aedes aegypti in Brumado, Bahia, Brazil. 55,	0
18	Arbovirus infection in Aedes aegypti from different departments of Colombia. 10,	0
17	Spatio-temporal dynamics of three diseases caused by Aedes-borne arboviruses in Mexico. 2022 , 2,	0
16	Interactions between seasonal temperature variation and temporal synchrony drive increased arbovirus co-infection incidence. 2022 , 9,	0
15	Screening of Circulation of Usutu and West Nile Viruses: A One Health Approach in Humans, Domestic Animals and Mosquitoes in Burkina Faso, West Africa. 2022 , 10, 2016	0
14	Oropouche virus as an Emerging Cause of Acute Febrile Illness in Colombia. 1-49	1
13	Emerging Arboviruses of Public Health Concern in Africa: Priorities for Future Research and Control Strategies. 2022 , 13, 60	1
12	Rapid and Non-Invasive Detection of Aedes aegypti Co-Infected with Zika and Dengue Viruses Using Near Infrared Spectroscopy. 2023 , 15, 11	1
11	In Vitro and In Vivo Coinfection and Superinfection Dynamics of Mayaro and Zika Viruses in Mosquito and Vertebrate Backgrounds.	0
10	Low Transmission of Chikungunya Virus by Aedes aegypti from Vientiane Capital, Lao PDR. 2023 , 12, 31	0
9	Arboviral disease outbreaks, Aedes mosquitoes, and vector control efforts in the Pacific. 4,	0
8	Factors Affecting Arbovirus Midgut Escape in Mosquitoes. 2023 , 12, 220	1
7	Interphase chromosomes of the Aedes aegypti mosquito are liquid crystalline and can sense mechanical cues. 2023 , 14,	0
6	Growth in chikungunya virus-related research in ASEAN and South Asian countries from 1967 to 2022 following disease emergence: a bibliometric and graphical analysis. 2023 , 19,	0
5	The Incompetence of Mosquitoes: Can Zika Virus Be Adapted To Infect Culex tarsalis Cells?. 2023 , 8,	0
4	Determinants of Chikungunya and O'nyong-Nyong Virus Specificity for Infection of Aedes and Anopheles Mosquito Vectors. 2023 , 15, 589	0
3	Epidemiological profile of arboviruses in two different scenarios: dengue circulation vs. dengue, chikungunya and Zika co-circulation. 2023 , 23,	0

- 2 Dengue and chikungunya virus loads in the mosquito *Aedes aegypti* are determined by distinct genetic architectures. **2023**, 19, e1011307
- 1 The patterns and driving forces of dengue invasions in China. **2023**, 12,