

# Evolutionary enhancement of Zika virus infectivity in A

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Zika in the Americas, year 2: What have we learned? What gaps remain? A report from the Global Virus Network. <i>Antiviral Research</i> , 2017, 144, 223-246.	4.1	104
2	Zika is on point to increase spread. <i>Nature Reviews Microbiology</i> , 2017, 15, 381-381.	28.6	0
3	A Single Substitution Changes Zika Virus Infectivity in Mosquitoes. <i>Trends in Microbiology</i> , 2017, 25, 603-605.	7.7	2
4	The Diversification of Zika Virus: Are There Two Distinct Lineages?. <i>Genome Biology and Evolution</i> , 2017, 9, 2940-2945.	2.5	26
5	Blood meal acquisition enhances arbovirus replication in mosquitoes through activation of the GABAergic system. <i>Nature Communications</i> , 2017, 8, 1262.	12.8	45
6	A single mutation in the prM protein of Zika virus contributes to fetal microcephaly. <i>Science</i> , 2017, 358, 933-936.	12.6	399
7	Zika Virus: Immune Evasion Mechanisms, Currently Available Therapeutic Regimens, and Vaccines. <i>Viral Immunology</i> , 2017, 30, 682-690.	1.3	17
8	Zika virus: what, where from and where to?. <i>Pathology</i> , 2017, 49, 698-706.	0.6	20
9	ZIKA virus isolated from mosquitoes: a field and laboratory investigation in China, 2016. <i>Science China Life Sciences</i> , 2017, 60, 1364-1371.	4.9	39
10	Zika Virus Encoding Nonglycosylated Envelope Protein Is Attenuated and Defective in Neuroinvasion. <i>Journal of Virology</i> , 2017, 91, .	3.4	88
11	The missing pieces: Lack of Zika data from Africa complicates search for answers. <i>Nature Medicine</i> , 2017, 23, 904-906.	30.7	10
12	Organoid culture systems to study host-pathogen interactions. <i>Current Opinion in Immunology</i> , 2017, 48, 15-22.	5.5	131
13	Phylogenetics of Yellow Fever Virus in the Americas: new insights into the origin of the 2017 Brazilian outbreak. <i>Scientific Reports</i> , 2017, 7, 7385.	3.3	71
14	Ribosomal stress and Tp53-mediated neuronal apoptosis in response to capsid protein of the Zika virus. <i>Scientific Reports</i> , 2017, 7, 16652.	3.3	45
15	Zika virus infection of first-trimester human placentas: utility of an explant model of replication to evaluate correlates of immune protection ex vivo. <i>Current Opinion in Virology</i> , 2017, 27, 48-56.	5.4	21
16	Intranasal infection and contact transmission of Zika virus in guinea pigs. <i>Nature Communications</i> , 2017, 8, 1648.	12.8	47
17	A Zika Vaccine Targeting NS1 Protein Protects Immunocompetent Adult Mice in a Lethal Challenge Model. <i>Scientific Reports</i> , 2017, 7, 14769.	3.3	102
18	Pandemic Zika: A Formidable Challenge to Medicine and Public Health. <i>Journal of Infectious Diseases</i> , 2017, 216, S857-S859.	4.0	15

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19	Zika virus transmission in Angola and the potential for further spread to other African settings. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2017, 111, 527-529.	1.8	23
20	History and Emergence of Zika Virus. Journal of Infectious Diseases, 2017, 216, S860-S867.	4.0	112
21	Pathogen genomic surveillance elucidates the origins, transmission and evolution of emerging viral agents in China. Science China Life Sciences, 2017, 60, 1317-1330.	4.9	10
22	Tracing the origin of the NS1 A188V substitution responsible for recent enhancement of Zika virus Asian genotype infectivity. Memorias Do Instituto Oswaldo Cruz, 2017, 112, 793-795.	1.6	24
23	Zika Virus Exhibits Lineage-Specific Phenotypes in Cell Culture, in Aedes aegypti Mosquitoes, and in an Embryo Model. Viruses, 2017, 9, 383.	3.3	46
24	Differential virulence between Asian and African lineages of Zika virus. PLoS Neglected Tropical Diseases, 2017, 11, e0005821.	3.0	104
25	Zika virus congenital syndrome: experimental models and clinical aspects. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2017, 23, 41.	1.4	18
26	Sunspot Cycle Minima and Pandemics: The Case for Vigilance?. Journal of Astrobiology & Outreach, 2017, 05, .	0.1	1
27	N-glycosylation of Viral E Protein Is the Determinant for Vector Midgut Invasion by Flaviviruses. MBio, 2018, 9, .	4.1	43
28	An overview of mosquito vectors of Zika virus. Microbes and Infection, 2018, 20, 646-660.	1.9	124
29	Genomic Insights into Zika Virus Emergence and Spread. Cell, 2018, 172, 1160-1162.	28.9	56
30	Salivary factor LTRIN from Aedes aegypti facilitates the transmission of Zika virus by interfering with the lymphotoxin-1 <sup>2</sup> receptor. Nature Immunology, 2018, 19, 342-353.	14.5	81
31	Did ZIKV evolve to be more dangerous? A new clue towards neurovirulence. National Science Review, 2018, 5, 121-122.	9.5	1
32	Zika virus infection in the returning traveller: what every neurologist should know. Practical Neurology, 2018, 18, 271-277.	1.1	25
33	Zika Virus Replicates in Proliferating Cells in Explants From First-Trimester Human Placentas, Potential Sites for Dissemination of Infection. Journal of Infectious Diseases, 2018, 217, 1202-1213.	4.0	69
34	Mapping the Evolutionary Potential of RNA Viruses. Cell Host and Microbe, 2018, 23, 435-446.	11.0	76
35	Development of a chimeric Zika vaccine using a licensed live-attenuated flavivirus vaccine as backbone. Nature Communications, 2018, 9, 673.	12.8	84
36	An evolutionary NS1 mutation enhances Zika virus evasion of host interferon induction. Nature Communications, 2018, 9, 414.	12.8	231

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37	Potential Mechanisms for Enhanced Zika Epidemic and Disease. <i>ACS Infectious Diseases</i> , 2018, 4, 656-659.	3.8	9
38	How Do Virus-Mosquito Interactions Lead to Viral Emergence?. <i>Trends in Parasitology</i> , 2018, 34, 310-321.	3.3	80
39	Recombinant Chimpanzee Adenovirus Vaccine AdC7-M/E Protects against Zika Virus Infection and Testis Damage. <i>Journal of Virology</i> , 2018, 92, .	3.4	72
40	A vaccinia-based single-vector construct multi-pathogen vaccine protects against both Zika and chikungunya viruses. <i>Nature Communications</i> , 2018, 9, 1230.	12.8	71
41	Zika virus in Thailand. <i>Microbes and Infection</i> , 2018, 20, 670-675.	1.9	21
42	Rapid response to an emerging infectious disease – Lessons learned from development of a synthetic DNA vaccine targeting Zika virus. <i>Microbes and Infection</i> , 2018, 20, 676-684.	1.9	25
43	Mosquito-borne and sexual transmission of Zika virus: Recent developments and future directions. <i>Virus Research</i> , 2018, 254, 1-9.	2.2	33
44	Modeling neuro-immune interactions during Zika virus infection. <i>Human Molecular Genetics</i> , 2018, 27, 41-52.	2.9	50
45	Zika virus: The transboundary pathogen from mosquito and updates. <i>Microbial Pathogenesis</i> , 2018, 114, 476-482.	2.9	7
46	Contemporary Zika Virus Isolates Induce More dsRNA and Produce More Negative-Strand Intermediate in Human Astrocytoma Cells. <i>Viruses</i> , 2018, 10, 728.	3.3	16
47	Zika Virus Infection Produces a Reduction on <i>Aedes aegypti</i> Lifespan but No Effects on Mosquito Fecundity and Oviposition Success. <i>Frontiers in Microbiology</i> , 2018, 9, 3011.	3.5	23
48	Possible pathogenicity of Japanese encephalitis virus in newly hatched domestic ducklings. <i>Veterinary Microbiology</i> , 2018, 227, 8-11.	1.9	23
49	Integrative Analysis of Zika Virus Genome RNA Structure Reveals Critical Determinants of Viral Infectivity. <i>Cell Host and Microbe</i> , 2018, 24, 875-886.e5.	11.0	89
51	Zika Virus and Neurologic Disease. <i>Neurologic Clinics</i> , 2018, 36, 767-787.	1.8	13
52	The Unique Phylogenetic Position of a Novel Tick-Borne Phlebovirus Ensures an Ixodid Origin of the Genus <i>Phlebovirus</i> . <i>MSphere</i> , 2018, 3, .	2.9	36
53	Fetal Brain Infection Is Not a Unique Characteristic of Brazilian Zika Viruses. <i>Viruses</i> , 2018, 10, 541.	3.3	15
54	Assay Challenges for Emerging Infectious Diseases: The Zika Experience. <i>Vaccines</i> , 2018, 6, 70.	4.4	4
55	A Single-Dose Live-Attenuated Zika Virus Vaccine with Controlled Infection Rounds that Protects against Vertical Transmission. <i>Cell Host and Microbe</i> , 2018, 24, 487-499.e5.	11.0	46

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56	The phylogenomics of evolving virus virulence. <i>Nature Reviews Genetics</i> , 2018, 19, 756-769.	16.3	152
57	Deconvolution of pro- and antiviral genomic responses in Zika virus-infected and bystander macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9172-E9181.	7.1	44
58	Improved Immune Responses Against Zika Virus After Sequential Dengue and Zika Virus Infection in Humans. <i>Viruses</i> , 2018, 10, 480.	3.3	25
59	In silico approaches to Zika virus drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 825-835.	5.0	9
60	The emergence of Zika virus and its new clinical syndromes. <i>Nature</i> , 2018, 560, 573-581.	27.8	303
61	Secretion of Nonstructural Protein 1 of Dengue Virus from Infected Mosquito Cells: Facts and Speculations. <i>Journal of Virology</i> , 2018, 92, .	3.4	19
62	Vector competence of <i>Aedes aegypti</i> , <i>Culex tarsalis</i> , and <i>Culex quinquefasciatus</i> from California for Zika virus. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006524.	3.0	45
63	Establishment of a mouse model for the complete mosquito-mediated transmission cycle of Zika virus. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006417.	3.0	19
64	Untold stories of the Zika virus epidemic in Brazil. <i>Reviews in Medical Virology</i> , 2018, 28, e2000.	8.3	4
65	Congenital Viral Infection: Traversing the Uterine-Placental Interface. <i>Annual Review of Virology</i> , 2018, 5, 273-299.	6.7	121
66	Incorporation of NS1 and prM/M are important to confer effective protection of adenovirus-vectored Zika virus vaccine carrying E protein. <i>Npj Vaccines</i> , 2018, 3, 29.	6.0	38
67	Monitoring and redirecting virus evolution. <i>PLoS Pathogens</i> , 2018, 14, e1006979.	4.7	13
68	Evolution of Two Major Zika Virus Lineages: Implications for Pathology, Immune Response, and Vaccine Development. <i>Frontiers in Immunology</i> , 2018, 9, 1640.	4.8	86
69	Lethal Zika Virus Disease Models in Young and Older Interferon $\hat{1}\pm/\hat{1}^2$ Receptor Knock Out Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 117.	3.9	21
70	Complete Genome Characterization of the 2017 Dengue Outbreak in Xishuangbanna, a Border City of China, Burma and Laos. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 148.	3.9	17
71	Viral Determinants and Vector Competence of Zika Virus Transmission. <i>Frontiers in Microbiology</i> , 2018, 9, 1040.	3.5	20
72	Negligible contribution of M2634V substitution to ZIKV pathogenesis in AG6 mice revealed by a bacterial promoter activity reduced infectious clone. <i>Scientific Reports</i> , 2018, 8, 10491.	3.3	24
73	Molecular Responses to the Zika Virus in Mosquitoes. <i>Pathogens</i> , 2018, 7, 49.	2.8	13

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74	Higher Cytopathic Effects of a Zika Virus Brazilian Isolate from Bahia Compared to a Canadian-Imported Thai Strain. <i>Viruses</i> , 2018, 10, 53.	3.3	29
75	Probing Molecular Insights into Zika Virus–Host Interactions. <i>Viruses</i> , 2018, 10, 233.	3.3	64
76	Immune Responses to Dengue and Zika Viruses—Guidance for T Cell Vaccine Development. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 385.	2.6	11
77	African and Asian strains of Zika virus differ in their ability to infect and lyse primitive human placental trophoblast. <i>PLoS ONE</i> , 2018, 13, e0200086.	2.5	58
78	Potential targets for therapeutic intervention and structure based vaccine design against Zika virus. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 444-460.	5.5	16
79	Crystal structure of a novel Kunitz type inhibitor, alocasin with anti- <i>Aedes aegypti</i> activity targeting midgut proteases. <i>Pest Management Science</i> , 2018, 74, 2761-2772.	3.4	8
80	Re-visiting the evolution, dispersal and epidemiology of Zika virus in Asia. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-8.	6.5	39
81	Maternal immunization with a DNA vaccine candidate elicits specific passive protection against post-natal Zika virus infection in immunocompetent BALB/c mice. <i>Vaccine</i> , 2018, 36, 3522-3532.	3.8	29
82	Why is congenital Zika syndrome asymmetrically distributed among human populations?. <i>PLoS Biology</i> , 2018, 16, e2006592.	5.6	32
83	Did Zika Virus Mutate to Cause Severe Outbreaks?. <i>Trends in Microbiology</i> , 2018, 26, 877-885.	7.7	43
84	Species-specific disruption of STING-dependent antiviral cellular defenses by the Zika virus NS2B3 protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6310-E6318.	7.1	137
85	NS2B/NS3 mutations enhance the infectivity of genotype I Japanese encephalitis virus in amplifying hosts. <i>PLoS Pathogens</i> , 2019, 15, e1007992.	4.7	16
86	Attenuation of Zika Virus by Passage in Human HeLa Cells. <i>Vaccines</i> , 2019, 7, 93.	4.4	10
87	The native European <i>Aedes geniculatus</i> mosquito species can transmit chikungunya virus. <i>Emerging Microbes and Infections</i> , 2019, 8, 962-972.	6.5	14
88	Rapid identification of human-infecting viruses. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 2517-2522.	3.0	31
89	Low seroprevalence rates of Zika virus in Kuala Lumpur, Malaysia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 678-684.	1.8	8
90	Spread of two Zika virus lineages in Midwest Brazil. <i>Infection, Genetics and Evolution</i> , 2019, 75, 103974.	2.3	4
91	The African strain of Zika virus causes more severe <i>in utero</i> infection than Asian strain in a porcine fetal transmission model. <i>Emerging Microbes and Infections</i> , 2019, 8, 1098-1107.	6.5	49

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92	Inter- and intra-lineage genetic diversity of wild-type Zika viruses reveals both common and distinctive nucleotide variants and clusters of genomic diversity. <i>Emerging Microbes and Infections</i> , 2019, 8, 1126-1138.	6.5	20
93	A T164S mutation in the dengue virus NS1 protein is associated with greater disease severity in mice. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	32
94	Growth of Zika virus in human reconstituted respiratory, intestinal, vaginal and neural tissues. <i>Clinical Microbiology and Infection</i> , 2019, 25, 1042.e1-1042.e4.	6.0	8
95	Mosquito vectors of arboviruses in French Polynesia. <i>New Microbes and New Infections</i> , 2019, 31, 100569.	1.6	11
96	Zika Virus Infection “ After the Pandemic. <i>New England Journal of Medicine</i> , 2019, 381, 1444-1457.	27.0	369
97	Progress towards Understanding the Mosquito-Borne Virus Life Cycle. <i>Trends in Parasitology</i> , 2019, 35, 1009-1017.	3.3	21
98	An Antiviral Peptide from <i>Alopecosa nagpag</i> Spider Targets NS2B–NS3 Protease of Flaviviruses. <i>Toxins</i> , 2019, 11, 584.	3.4	22
99	Nonindigenous case of Asian Zika virus lineage in Yunnan, China, 2019. <i>Journal of Infection</i> , 2019, 79, 612-625.	3.3	9
101	Genetic stability of live-attenuated Zika vaccine candidates. <i>Antiviral Research</i> , 2019, 171, 104596.	4.1	6
102	Host serum iron modulates dengue virus acquisition by mosquitoes. <i>Nature Microbiology</i> , 2019, 4, 2405-2415.	13.3	49
103	High correlation between Zika virus NS1 antibodies and neutralizing antibodies in selected serum samples from normal healthy Thais. <i>Scientific Reports</i> , 2019, 9, 13498.	3.3	8
104	Vector Competence: What Has Zika Virus Taught Us?. <i>Viruses</i> , 2019, 11, 867.	3.3	45
105	Zika Virus Dependence on Host Hsp70 Provides a Protective Strategy against Infection and Disease. <i>Cell Reports</i> , 2019, 26, 906-920.e3.	6.4	81
106	Zika virus outbreak in Rajasthan, India in 2018 was caused by a virus endemic to Asia. <i>Infection, Genetics and Evolution</i> , 2019, 69, 199-202.	2.3	45
107	Molecular characterization of the viral structural gene of the first dengue virus type 1 outbreak in Xishuangbanna: A border area of China, Burma and Laos. <i>International Journal of Infectious Diseases</i> , 2019, 79, 152-161.	3.3	12
108	The Asian Lineage of Zika Virus: Transmission and Evolution in Asia and the Americas. <i>Virologica Sinica</i> , 2019, 34, 1-8.	3.0	30
109	Flavivirus NS1 Triggers Tissue-Specific Vascular Endothelial Dysfunction Reflecting Disease Tropism. <i>Cell Reports</i> , 2019, 26, 1598-1613.e8.	6.4	192
110	A “Furry-Tale” of Zika Virus Infection: What Have We Learned from Animal Models?. <i>Viruses</i> , 2019, 11, 29.	3.3	20

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111	Increased growth ability and pathogenicity of American- and Pacific-subtype Zika virus (ZIKV) strains compared with a Southeast Asian-subtype ZIKV strain. PLoS Neglected Tropical Diseases, 2019, 13, e0007387.	3.0	16
112	Convalescent patient-derived monoclonal antibodies targeting different epitopes of E protein confer protection against Zika virus in a neonatal mouse model. Emerging Microbes and Infections, 2019, 8, 749-759.	6.5	26
113	Zika virus: Molecular responses and tissue tropism in the mammalian host. Reviews in Medical Virology, 2019, 29, e2050.	8.3	8
114	Comparative Analysis of African and Asian Lineage-Derived Zika Virus Strains Reveals Differences in Activation of and Sensitivity to Antiviral Innate Immunity. Journal of Virology, 2019, 93, .	3.4	51
115	Late Neurological Consequences of Zika Virus Infection: Risk Factors and Pharmaceutical Approaches. Pharmaceuticals, 2019, 12, 60.	3.8	35
116	Zika virus in Vietnam, Laos, and Cambodia: are there health risks for travelers?. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 1585-1590.	2.9	7
117	Zika Virus Potentiates the Development of Neurological Defects and Microcephaly: Challenges and Control Strategies. Frontiers in Neurology, 2019, 10, 319.	2.4	9
118	Aedes mosquitoes acquire and transmit Zika virus by breeding in contaminated aquatic environments. Nature Communications, 2019, 10, 1324.	12.8	41
119	An Itchy Problem. , 2019, , 288-293.		0
120	The role of co-infection and swarm dynamics in arbovirus transmission. Virus Research, 2019, 265, 88-93.	2.2	18
121	Multiplex targeted mass spectrometry assay for one-shot flavivirus diagnosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6754-6759.	7.1	18
122	Vector-borne transmission and evolution of Zika virus. Nature Ecology and Evolution, 2019, 3, 561-569.	7.8	96
123	Atovaquone Inhibits Arbovirus Replication through the Depletion of Intracellular Nucleotides. Journal of Virology, 2019, 93, .	3.4	33
124	Arbovirus lifecycle in mosquito: acquisition, propagation and transmission. Expert Reviews in Molecular Medicine, 2019, 21, e1.	3.9	38
125	Antibodies Elicited by an NS1-Based Vaccine Protect Mice against Zika Virus. MBio, 2019, 10, .	4.1	57
126	Intrahost Selection Pressure Drives Equine Arteritis Virus Evolution during Persistent Infection in the Stallion Reproductive Tract. Journal of Virology, 2019, 93, .	3.4	6
127	Envelope Protein Glycosylation Mediates Zika Virus Pathogenesis. Journal of Virology, 2019, 93, .	3.4	89
128	Beauveria bassiana infection reduces the vectorial capacity of Aedes albopictus for the Zika virus. Journal of Pest Science, 2019, 92, 781-789.	3.7	25



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129	Genetic Determinants of the Re-Emergence of Arboviral Diseases. <i>Viruses</i> , 2019, 11, 150.	3.3	26
130	Viral pathogens hitchhike with insect sperm for paternal transmission. <i>Nature Communications</i> , 2019, 10, 955.	12.8	33
131	Natural vertical infection by dengue virus serotype 4, Zika virus and Mayaro virus in <i>Aedes</i> ( <i>Stegomyia</i> ) <i>aegypti</i> and <i>Aedes</i> ( <i>Stegomyia</i> ) <i>albopictus</i> . <i>Medical and Veterinary Entomology</i> , 2019, 33, 437-442.	1.5	33
132	Spatial and Temporal Analyses of the Spread of Zika Virus Worldwide. , 2019, , .		1
133	A natural polymorphism in Zika virus NS2A protein responsible of virulence in mice. <i>Scientific Reports</i> , 2019, 9, 19968.	3.3	23
135	Multiscale analysis for patterns of Zika virus genotype emergence, spread, and consequence. <i>PLoS ONE</i> , 2019, 14, e0225699.	2.5	12
136	Genome-wide approaches to unravelling host-virus interactions in Dengue and Zika infections. <i>Current Opinion in Virology</i> , 2019, 34, 29-38.	5.4	6
137	Molecular epidemiology of dengue, yellow fever, Zika and Chikungunya arboviruses: An update. <i>Acta Tropica</i> , 2019, 190, 99-111.	2.0	52
138	Proteomic analysis of monkey kidney LLC-MK2 cells infected with a Thai strain Zika virus. <i>Archives of Virology</i> , 2019, 164, 725-737.	2.1	7
139	The evolution of Zika virus from Asia to the Americas. <i>Nature Reviews Microbiology</i> , 2019, 17, 131-139.	28.6	103
140	Zika Virus Vaccine Development: Progress in the Face of New Challenges. <i>Annual Review of Medicine</i> , 2019, 70, 121-135.	12.2	76
141	A Biomimetic Nanodecoy Traps Zika Virus To Prevent Viral Infection and Fetal Microcephaly Development. <i>Nano Letters</i> , 2019, 19, 2215-2222.	9.1	69
142	A potent prolyl tRNA synthetase inhibitor antagonizes Chikungunya and Dengue viruses. <i>Antiviral Research</i> , 2019, 161, 163-168.	4.1	18
143	Drugs for the Treatment of Zika Virus Infection. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 470-489.	6.4	63
144	Differences in the Transmission of Dengue Fever by Different Serotypes of Dengue Virus. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 143-150.	1.5	9
145	Genetic Diversity of Collaborative Cross Mice Controls Viral Replication, Clinical Severity, and Brain Pathology Induced by Zika Virus Infection, Independently of <i>Oas1b</i> . <i>Journal of Virology</i> , 2020, 94, .	3.4	32
146	Immune Evasion Strategies Used by Zika Virus to Infect the Fetal Eye and Brain. <i>Viral Immunology</i> , 2020, 33, 22-37.	1.3	16
147	Sequencing of ZIKV genomes directly from <i>Ae. aegypti</i> and <i>Cx. quinquefasciatus</i> mosquitoes collected during the 2015-16 epidemics in Recife. <i>Infection, Genetics and Evolution</i> , 2020, 80, 104180.	2.3	4

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148	Increased temperatures reduce the vectorial capacity of <i>Aedes</i> mosquitoes for Zika virus. <i>Emerging Microbes and Infections</i> , 2020, 9, 67-77.	6.5	37
149	Patterns, Drivers, and Challenges of Vector-Borne Disease Emergence. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 159-170.	1.5	74
150	Zika Says No Dice to Dicer. <i>Cell Stem Cell</i> , 2020, 27, 503-504.	11.1	1
151	Antibodies targeting epitopes on the cell-surface form of NS1 protect against Zika virus infection during pregnancy. <i>Nature Communications</i> , 2020, 11, 5278.	12.8	30
152	A materials-science perspective on tackling COVID-19. <i>Nature Reviews Materials</i> , 2020, 5, 847-860.	48.7	228
153	Enhanced Zika virus susceptibility of globally invasive <i>Aedes aegypti</i> populations. <i>Science</i> , 2020, 370, 991-996.	12.6	61
154	Single Amino Acid Mutations Affect Zika Virus Replication In Vitro and Virulence In Vivo. <i>Viruses</i> , 2020, 12, 1295.	3.3	11
155	Biological Characteristics and Patterns of Codon Usage Evolution for the African Genotype Zika Virus. <i>Viruses</i> , 2020, 12, 1306.	3.3	2
156	Migration of Disease. , 2020, , 96-130.		0
157	The Zika Virus Capsid Disrupts Corticogenesis by Suppressing Dicer Activity and miRNA Biogenesis. <i>Cell Stem Cell</i> , 2020, 27, 618-632.e9.	11.1	48
158	Snake Cathelicidin Derived Peptide Inhibits Zika Virus Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 1871.	3.5	16
159	Susceptibility and interactions between <i>Aedes</i> mosquitoes and Zika viruses. <i>Insect Science</i> , 2020, 28, 1439-1451.	3.0	7
160	A Zika virus envelope mutation preceding the 2015 epidemic enhances virulence and fitness for transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20190-20197.	7.1	53
161	Differential gene expression elicited by ZIKV infection in trophoblasts from congenital Zika syndrome discordant twins. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008424.	3.0	18
162	Disulfide Reduction Allosterically Destabilizes the $\beta^2$ -Ladder Subdomain Assembly within the NS1 Dimer of ZIKV. <i>Biophysical Journal</i> , 2020, 119, 1525-1537.	0.5	7
163	Teratogen update: Zika virus and pregnancy. <i>Birth Defects Research</i> , 2020, 112, 1139-1149.	1.5	23
164	Label-Free Electrochemical Biosensors for the Determination of Flaviviruses: Dengue, Zika, and Japanese Encephalitis. <i>Sensors</i> , 2020, 20, 4600.	3.8	27
165	Differential Frequencies of <i>HLA-DRB1</i> , <i>DQA1</i> , and <i>DQB1</i> Alleles and Haplotypes Are Observed in the Arbovirus-Related Neurological Syndromes. <i>Journal of Infectious Diseases</i> , 2021, 224, 517-525.	4.0	2

#	ARTICLE	IF	CITATIONS
166	Low Aedes aegypti Vector Competence for Zika Virus from Viremic Rhesus Macaques. <i>Viruses</i> , 2020, 12, 1345.	3.3	1
167	The continued threat of emerging flaviviruses. <i>Nature Microbiology</i> , 2020, 5, 796-812.	13.3	520
168	Zika structural genes determine the virulence of African and Asian lineages. <i>Emerging Microbes and Infections</i> , 2020, 9, 1023-1033.	6.5	11
169	Emergence of Zika virus infection in China. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008300.	3.0	12
170	Comparative analysis of a Thai congenital-Zika-syndrome-associated virus with a Thai Zika-fever-associated virus. <i>Archives of Virology</i> , 2020, 165, 1791-1801.	2.1	6
171	Experimental Infection of Newly Hatched Domestic Ducklings via Japanese Encephalitis Virus-Infected Mosquitoes. <i>Pathogens</i> , 2020, 9, 371.	2.8	11
172	Reverse genetic approaches for the development of Zika vaccines and therapeutics. <i>Current Opinion in Virology</i> , 2020, 44, 7-15.	5.4	3
173	One-step RT-qPCR assay for ZIKV RNA detection in Aedes aegypti samples: a protocol to study infection and gene expression during ZIKV infection. <i>Parasites and Vectors</i> , 2020, 13, 128.	2.5	8
174	Zika virus NS1 affects the junctional integrity of human brain microvascular endothelial cells. <i>Biochimie</i> , 2020, 176, 52-61.	2.6	27
175	Ultrasensitive Visualization of Virus via Explosive Catalysis of an Enzyme Muster Triggering Gold Nano-aggregate Disassembly. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 12525-12532.	8.0	14
176	Application of MCMC-Based Bayesian Modeling for Genetic Evolutionary and Dynamic Change Analysis of Zika Virus. <i>Frontiers in Genetics</i> , 2019, 10, 1319.	2.3	1
177	Current Efforts in the Development of Vaccines for the Prevention of Zika and Chikungunya Virus Infections. <i>Frontiers in Immunology</i> , 2020, 11, 592.	4.8	34
178	Defeat Dengue and Zika Viruses With a One-Two Punch of Vaccine and Vector Blockade. <i>Frontiers in Microbiology</i> , 2020, 11, 362.	3.5	9
179	Modeling the competitive diffusions of rumor and knowledge and the impacts on epidemic spreading. <i>Applied Mathematics and Computation</i> , 2021, 388, 125536.	2.2	44
180	ZIKV viral proteins and their roles in virus-host interactions. <i>Science China Life Sciences</i> , 2021, 64, 709-719.	4.9	10
181	Biologically modified nanoparticles as theranostic bionanomaterials. <i>Progress in Materials Science</i> , 2021, 118, 100768.	32.8	108
182	Role of mutational reversions and fitness restoration in Zika virus spread to the Americas. <i>Nature Communications</i> , 2021, 12, 595.	12.8	29
183	Clustered rapid induction of apoptosis limits ZIKV and DENV-2 proliferation in the midguts of Aedes aegypti. <i>Communications Biology</i> , 2021, 4, 69.	4.4	14

#	ARTICLE	IF	CITATIONS
184	Alternation between taxonomically divergent hosts is not the major determinant of flavivirus evolution. <i>Virus Evolution</i> , 2021, 7, veab040.	4.9	0
185	Monoclonal Antibodies against Zika Virus NS1 Protein Confer Protection via FcγR3 Receptor-Dependent and -Independent Pathways. <i>MBio</i> , 2021, 12, .	4.1	17
186	The Key Role of Nucleic Acid Vaccines for One Health. <i>Viruses</i> , 2021, 13, 258.	3.3	19
188	Functional alterations caused by mutations reflect evolutionary trends of SARS-CoV-2. <i>Briefings in Bioinformatics</i> , 2021, 22, 1442-1450.	6.5	32
189	The type of blood used to feed <i>Aedes aegypti</i> females affects their cuticular and internal free fatty acid (FFA) profiles. <i>PLoS ONE</i> , 2021, 16, e0251100.	2.5	11
191	Juvenile Hormone-Sensitive Ribosomal Activity Enhances Viral Replication in <i>Aedes aegypti</i> . <i>MSystems</i> , 2021, 6, e0119020.	3.8	10
192	Contributions of Genetic Evolution to Zika Virus Emergence. <i>Frontiers in Microbiology</i> , 2021, 12, 655065.	3.5	7
193	Causes of Phenotypic Variability and Disabilities after Prenatal Viral Infections. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 95.	2.3	2
194	A Live-Attenuated Zika Virus Vaccine with High Production Capacity Confers Effective Protection in Neonatal Mice. <i>Journal of Virology</i> , 2021, 95, e0038321.	3.4	5
195	Immunopathogenesis of Different Emerging Viral Infections: Evasion, Fatal Mechanism, and Prevention. <i>Frontiers in Immunology</i> , 2021, 12, 690976.	4.8	4
196	Exosomes mediate horizontal transmission of viral pathogens from insect vectors to plant phloem. <i>ELife</i> , 2021, 10, .	6.0	16
197	A selective sweep in the Spike gene has driven SARS-CoV-2 human adaptation. <i>Cell</i> , 2021, 184, 4392-4400.e4.	28.9	69
198	Zika Virus Infection of Pregnant <i>Ilfnar1</i> <sup>Δ/Δ</sup> Mice Triggers Strain-Specific Differences in Fetal Outcomes. <i>Journal of Virology</i> , 2021, 95, e0081821.	3.4	6
199	Structural basis of UDP-N-acetylglucosamine pyrophosphorylase and identification of promising terpenes to control <i>Aedes aegypti</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 204, 111820.	5.0	4
200	Identification of Rab family genes and functional analyses of <i>LmRab5</i> and <i>LmRab11A</i> in the development and RNA interference of <i>Locusta migratoria</i> . <i>Insect Science</i> , 2022, 29, 320-332.	3.0	4
201	Non-structural protein 1 from Zika virus: Heterologous expression, purification, and potential for diagnosis of Zika infections. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 984-993.	7.5	2
202	Interaction of Viruses with the Insect Intestine. <i>Annual Review of Virology</i> , 2021, 8, 115-131.	6.7	26
204	Experimental Evolution of West Nile Virus at Higher Temperatures Facilitates Broad Adaptation and Increased Genetic Diversity. <i>Viruses</i> , 2021, 13, 1889.	3.3	8

#	ARTICLE	IF	CITATIONS
206	Zika Virus and Neuropathogenesis: The Unanswered Question of Which Strain Is More Prone to Causing Microcephaly and Other Neurological Defects. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 695106.	3.7	7
207	Interactions of duck Tembusu virus with <i>Aedes aegypti</i> and <i>Aedes albopictus</i> mosquitoes: Vector competence and viral mutation. <i>Acta Tropica</i> , 2021, 222, 106051.	2.0	6
208	Population bottlenecks and founder effects: implications for mosquito-borne arboviral emergence. <i>Nature Reviews Microbiology</i> , 2021, 19, 184-195.	28.6	51
209	Experimental infections with Zika virus strains reveal high vector competence of <i>Aedes albopictus</i> and <i>Aedes aegypti</i> populations from Gabon (Central Africa) for the African virus lineage. <i>Emerging Microbes and Infections</i> , 2021, 10, 1244-1253.	6.5	1
210	Mapping the transmission risk of Zika virus using machine learning models. <i>Acta Tropica</i> , 2018, 185, 391-399.	2.0	45
211	Evaluation of the antiviral activity of orlistat (tetrahydrolipstatin) against dengue virus, Japanese encephalitis virus, Zika virus and chikungunya virus. <i>Scientific Reports</i> , 2020, 10, 1499.	3.3	38
212	Zika NS1-induced ER remodeling is essential for viral replication. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	39
213	Mapping the evolutionary landscape of Zika virus infection in immunocompromised mice. <i>Virus Evolution</i> , 2020, 6, veaa092.	4.9	9
214	Reverse genetic system, genetically stable reporter viruses and packaged subgenomic replicon based on a Brazilian Zika virus isolate. <i>Journal of General Virology</i> , 2017, 98, 2712-2724.	2.9	84
215	An amino acid change in nsP4 of chikungunya virus confers fitness advantage in human cell lines rather than in <i>Aedes albopictus</i> . <i>Journal of General Virology</i> , 2019, 100, 1541-1553.	2.9	5
221	Two Sides of a Coin: a Zika Virus Mutation Selected in Pregnant Rhesus Macaques Promotes Fetal Infection in Mice but at a Cost of Reduced Fitness in Nonpregnant Macaques and Diminished Transmissibility by Vectors. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
222	Reconciling Pasteur and Darwin to control infectious diseases. <i>PLoS Biology</i> , 2018, 16, e2003815.	5.6	15
223	Altered vector competence in an experimental mosquito-mouse transmission model of Zika infection. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006350.	3.0	11
224	Reversion to ancestral Zika virus NS1 residues increases competence of <i>Aedes albopictus</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008951.	4.7	9
225	Molecular characteristics and replication mechanism of dengue, zika and chikungunya arboviruses, and their treatments with natural extracts from plants: An updated review. <i>EXCLI Journal</i> , 2019, 18, 988-1006.	0.7	10
226	LAMP assays of Zika virus and other infectious agents will inevitably see expanded use due to their simplicity, sensitivity, specificity, and economy. <i>Annals of Translational Medicine</i> , 2018, 6, 196-196.	1.7	3
227	Production, Titration and Imaging of Zika Virus in Mammalian Cells. <i>Bio-protocol</i> , 2018, 8, e3115.	0.4	7
228	African and Asian Zika Virus Isolates Display Phenotypic Differences Both In Vitro and In Vivo. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 432-444.	1.4	65

#	ARTICLE	IF	CITATIONS
229	Leu-to-Phe substitution at prM146 decreases the growth ability of Zika virus and partially reduces its pathogenicity in mice. <i>Scientific Reports</i> , 2021, 11, 19635.	3.3	6
230	A mutation-mediated evolutionary adaptation of Zika virus in mosquito and mammalian host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
231	Cell Membrane-Coated Mimics: A Methodological Approach for Fabrication, Characterization for Therapeutic Applications, and Challenges for Clinical Translation. <i>ACS Nano</i> , 2021, 15, 17080-17123.	14.6	73
232	Intranasal Vaccination With Recombinant Antigen-FLIPr Fusion Protein Alone Induces Long-Lasting Systemic Antibody Responses and Broad T Cell Responses. <i>Frontiers in Immunology</i> , 2021, 12, 751883.	4.8	5
240	Generation and Characterization of a Polyclonal Antibody Against NS1 Protein for Detection of Zika Virus. <i>Jundishapur Journal of Microbiology</i> , 2019, In Press, .	0.5	1
245	Current Perspective of Zika Virus and Vaccine Development. <i>Exploratory Research and Hypothesis in Medicine</i> , 2020, 000, 1-9.	0.4	1
250	Pregnancy and Zika virus. <i>Obstetrics, Gynecology and Reproduction</i> , 2020, 14, 229-238.	0.5	0
251	Dengue Virus NS1 Uses Scavenger Receptor B1 as a Cell Receptor in Cultured Cells. <i>Journal of Virology</i> , 2022, 96, JVI0166421.	3.4	17
252	A single nonsynonymous mutation on ZIKV E protein-coding sequences leads to markedly increased neurovirulence in vivo. <i>Virologica Sinica</i> , 2022, 37, 115-126.	3.0	6
254	Genome-wide diversity of Zika virus: Exploring spatio-temporal dynamics to guide a new nomenclature proposal. <i>Virus Evolution</i> , 2022, 8, veac029.	4.9	5
255	Adaptive Evolution as a Driving Force of the Emergence and Re-Emergence of Mosquito-Borne Viral Diseases. <i>Viruses</i> , 2022, 14, 435.	3.3	10
256	A Small-Plaque Isolate of the Zika Virus with Envelope Domain III Mutations Affect Viral Entry and Replication in Mammalian but Not Mosquito Cells. <i>Viruses</i> , 2022, 14, 480.	3.3	3
258	Discovering disease-causing pathogens in resource-scarce Southeast Asia using a global metagenomic pathogen monitoring system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2115285119.	7.1	25
259	Congenital Zika Syndrome: Genetic Avenues for Diagnosis and Therapy, Possible Management and Long-Term Outcomes. <i>Journal of Clinical Medicine</i> , 2022, 11, 1351.	2.4	19
260	A Zika virus mutation enhances transmission potential and confers escape from protective dengue virus immunity. <i>Cell Reports</i> , 2022, 39, 110655.	6.4	20
269	Phenotypic and Genetic Variability of Isolates of ZIKV-2016 in Brazil. <i>Microorganisms</i> , 2022, 10, 854.	3.6	0
270	The distinguishing NS5-M114V mutation in American Zika virus isolates has negligible impacts on virus replication and transmission potential. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010426.	3.0	4
271	Characterization of m <sup>6</sup> A modifications in the contemporary Zika virus genome and host cellular transcripts. <i>Journal of Medical Virology</i> , 2022, 94, 4309-4318.	5.0	1

#	ARTICLE	IF	CITATIONS
272	The Role of the Flavivirus Replicase in Viral Diversity and Adaptation. <i>Viruses</i> , 2022, 14, 1076.	3.3	4
273	The Dengue Virus Nonstructural Protein 1 (NS1) Interacts with the Putative Epigenetic Regulator DIDO1 to Promote Flavivirus Replication in Mosquito Cells. <i>Journal of Virology</i> , 2022, 96, .	3.4	4
274	Zika a Vector Borne Disease Detected in Newer States of India Amidst the COVID-19 Pandemic. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	10
275	Vector competence and immune response of <i>Aedes aegypti</i> for Ebinur Lake virus, a newly classified mosquito-borne orthobunyavirus. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010642.	3.0	2
276	Disease-causing human viruses: novelty and legacy. <i>Trends in Microbiology</i> , 2022, 30, 1232-1242.	7.7	5
277	Molecular adaptations during viral epidemics. <i>EMBO Reports</i> , 2022, 23, .	4.5	18
279	Analysis of Zika Virus Sequence Data Associated with a School Cohort in Haiti. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 107, 873-880.	1.4	1
281	Gold island-enhanced multiplex quantum dots fluorescent system for biomedical analysis of circulating tumor nucleic acids. <i>Nano Select</i> , 0, , .	3.7	0
282	Trace Analysis of Emerging Virus: An Ultrasensitive ECL-Scan Imaging System for Viral Infectious Disease. <i>ACS Omega</i> , 2022, 7, 37499-37508.	3.5	1
283	Modulation of cellular machineries by Zika virus-encoded proteins. <i>Journal of Medical Virology</i> , 2023, 95, .	5.0	3
284	Pathogenicity and Structural Basis of Zika Variants with Glycan Loop Deletions in the Envelope Protein. <i>Journal of Virology</i> , 0, , .	3.4	0
285	Molecular surveillance of arboviruses circulation and co-infection during a large chikungunya virus outbreak in Thailand, October 2018 to February 2020. <i>Scientific Reports</i> , 2022, 12, .	3.3	6
286	Zika virus as a cause of birth defects: Were the teratogenic effects of Zika virus missed for decades?. <i>Birth Defects Research</i> , 2023, 115, 265-274.	1.5	5
288	Replication in the presence of dengue convalescent serum impacts Zika virus neutralization sensitivity and fitness. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	3.9	3
289	Tissue-specific expansion of Zika virus isogenic variants drive disease pathogenesis. <i>EBioMedicine</i> , 2023, 91, 104570.	6.1	0
290	Does arbovirus emergence in humans require adaptation to domestic mosquitoes?. <i>Current Opinion in Virology</i> , 2023, 60, 101315.	5.4	4
291	Genomic and phenotypic analyses suggest moderate fitness differences among Zika virus lineages. <i>PLoS Neglected Tropical Diseases</i> , 2023, 17, e0011055.	3.0	2
292	CLEC5A mediates Zika virus-induced testicular damage. <i>Journal of Biomedical Science</i> , 2023, 30, .	7.0	2



#	ARTICLE	IF	CITATIONS
293	Immune Recognition versus Immune Evasion Systems in Zika Virus Infection. <i>Biomedicines</i> , 2023, 11, 642.	3.2	1
294	Unravelling the epidemiological diversity of Zika virus by analyzing key protein variations. <i>Archives of Virology</i> , 2023, 168, .	2.1	0
295	Mpox Virus: Its Molecular Evolution and Potential Impact on Viral Epidemiology. <i>Viruses</i> , 2023, 15, 995.	3.3	4
296	Mechanism of Immune Evasion in Mosquito-Borne Diseases. <i>Pathogens</i> , 2023, 12, 635.	2.8	2
297	Single-cell RNA sequencing reveals the fragility of male spermatogenic cells to Zika virus-induced complement activation. <i>Nature Communications</i> , 2023, 14, .	12.8	7
299	Biological determinants perpetuating the transmission dynamics of mosquito-borne flaviviruses. <i>Emerging Microbes and Infections</i> , 2023, 12, .	6.5	1
300	Viral Protein Accumulation of Zika Virus Variants Links with Regulation of Innate Immunity for Differential Control of Viral Replication, Spread, and Response to Interferon. <i>Journal of Virology</i> , 2023, 97, .	3.4	0
301	The in vitro and in vivo antiviral effects of aloperine against Zika virus infection. <i>Journal of Medical Virology</i> , 2023, 95, .	5.0	0
302	5'/3' RACE method for sequencing the 5' and 3' untranslated regions of Zika virus. <i>Archives of Virology</i> , 2023, 168, .	2.1	1
303	Secretory pathways and multiple functions of nonstructural protein 1 in flavivirus infection. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	2
304	The First Case of Zika Virus Disease in Guinea: Description, Virus Isolation, Sequencing, and Seroprevalence in Local Population. <i>Viruses</i> , 2023, 15, 1620.	3.3	0
306	Asian Zika virus can acquire generic African-lineage mutations during <i>in utero</i> infection. <i>Emerging Microbes and Infections</i> , 2023, 12, .	6.5	0
307	Genetic diversity and phylogenetic analyses of Asian lineage Zika virus whole genome sequences derived from <i>Culex quinquefasciatus</i> mosquitoes and urine of patients during the 2020 epidemic in Thailand. <i>Scientific Reports</i> , 2023, 13, .	3.3	0
308	A single amino acid substitution in the capsid protein of Zika virus contributes to a neurovirulent phenotype. <i>Nature Communications</i> , 2023, 14, .	12.8	2
309	Disease Transmission and Diagnosis of Zika Virus. <i>Cureus</i> , 2023, , .	0.5	0
310	Infection with <i>Candidatus</i> <i>Liberibacter asiaticus</i> ™ improves the fecundity of <i>Diaphorina citri</i> aiding its proliferation: A win-win strategy. <i>Molecular Ecology</i> , 0, , .	3.9	0
311	Molecular epidemiology, clinical analysis, and genetic characterization of Zika virus infections in Thailand (2020–2023). <i>Scientific Reports</i> , 2023, 13, .	3.3	2
312	A Zika virus protein expression screen in <i>Drosophila</i> to investigate targeted host pathways during development. <i>DMM Disease Models and Mechanisms</i> , 2024, 17, .	2.4	2



#	ARTICLE	IF	CITATIONS
313	Flaviviruses including Zika virus. , 2024, , 2513-2532.		0
314	The Role of Noncoding RNA in the Transmission and Pathogenicity of Flaviviruses. Viruses, 2024, 16, 242.	3.3	0
315	Zika Virus—A Reemerging Neurotropic Arbovirus Associated with Adverse Pregnancy Outcomes and Neuropathogenesis. Pathogens, 2024, 13, 177.	2.8	0
316	A mosquito salivary protein-driven influx of myeloid cells facilitates flavivirus transmission. EMBO Journal, 2024, 43, 1690-1721.	7.8	0
317	Understanding Insect-microbe Interactions for Sustainable Pest Management. Indian Journal of Entomology, 0, , 1-16.	0.1	0
318	Construction of exosome-loaded LL-37 and its protection against zika virus infection. Antiviral Research, 2024, 225, 105855.	4.1	0