

Zika Virus and the Guillain-Barré Syndrome Case

New England Journal of Medicine

375, 1598-1601

DOI: [10.1056/nejmc1609015](https://doi.org/10.1056/nejmc1609015)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Emergence and Spreading Potential of Zika Virus. <i>Frontiers in Microbiology</i> , 2016, 7, 1667.	3.5	33
2	Virology and Virality. <i>Annals of Emergency Medicine</i> , 2016, 68, A18-A24.	0.6	0
3	Zika Virus: Emergence, Phylogenetics, Challenges, and Opportunities. <i>ACS Infectious Diseases</i> , 2016, 2, 763-772.	3.8	25
4	Guillain-Barré syndrome in the 100 years since its description by Guillain, Barré and Strohl. <i>Brain</i> , 2016, 139, 3041-3047.	7.6	22
5	Hajj 2016: Under the shadow of global Zika spread. <i>American Journal of Infection Control</i> , 2016, 44, 1449-1450.	2.3	9
6	Arbovirus epidemics and blood safety in Brazil. <i>ISBT Science Series</i> , 2017, 12, 233-238.	1.1	2
7	Animal Models of Zika Virus Infection, Pathogenesis, and Immunity. <i>Journal of Virology</i> , 2017, 91, .	3.4	225
8	Preventive and therapeutic challenges in combating Zika virus infection: are we getting any closer?. <i>Journal of NeuroVirology</i> , 2017, 23, 347-357.	2.1	12
9	Zika Virus Targeting in the Developing Brain. <i>Journal of Neuroscience</i> , 2017, 37, 2161-2175.	3.6	168
10	Prospects for a Zika Virus Vaccine. <i>Immunity</i> , 2017, 46, 176-182.	14.3	79
11	Probable Zika virus-associated Guillain-Barré syndrome: Challenges with clinico-laboratory diagnosis. <i>Journal of the Neurological Sciences</i> , 2017, 375, 367-370.	0.6	13
12	Zika Virus Pathogenesis and Tissue Tropism. <i>Cell Host and Microbe</i> , 2017, 21, 134-142.	11.0	337
13	Incidence and clinical characteristics of Guillain-Barré syndrome before the introduction of Zika virus in Puerto Rico. <i>Journal of the Neurological Sciences</i> , 2017, 377, 102-106.	0.6	11
14	Protective efficacy of Zika vaccine in AG129 mouse model. <i>Scientific Reports</i> , 2017, 7, 46375.	3.3	84
15	Vaccination strategies against Zika virus. <i>Current Opinion in Virology</i> , 2017, 23, 59-67.	5.4	62
16	Advances in research on Zika virus. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 321-331.	0.8	30
17	Zika Virus Persistence in the Central Nervous System and Lymph Nodes of Rhesus Monkeys. <i>Cell</i> , 2017, 169, 610-620.e14.	28.9	191
18	Guillain-Barré syndrome and Zika virus outbreaks. <i>Current Opinion in Neurology</i> , 2017, 30, 500-507.	3.6	61

#	ARTICLE	IF	CITATIONS
19	Impact of the 2016 Ecuador Earthquake on Zika Virus Cases. American Journal of Public Health, 2017, 107, 1137-1142.	2.7	12
20	An update on Zika virus infection. Lancet, The, 2017, 390, 2099-2109.	13.7	496
21	Zika in the Americas, year 2: What have we learned? What gaps remain? A report from the Global Virus Network. Antiviral Research, 2017, 144, 223-246.	4.1	104
22	Zika Virus: Obstetric and Pediatric Anesthesia Considerations. Anesthesia and Analgesia, 2017, 124, 1918-1929.	2.2	4
23	Zika Virus Transmissionâ€”Region of the Americas, May 15, 2015â€”December 15, 2016. American Journal of Transplantation, 2017, 17, 1681-1686.	4.7	15
24	Update on Zika. Pediatric Infectious Disease Journal, 2017, 36, 333-336.	2.0	7
25	Outbreaks in the adult ICUs. Current Opinion in Infectious Diseases, 2017, 30, 432-439.	3.1	7
26	Zika infection and the development of neurological defects. Cellular Microbiology, 2017, 19, e12744.	2.1	87
27	A series of Zika virus cases imported into the UK 2016: Comparative epidemiological and clinical features. Journal of Infection, 2017, 74, 616-618.	3.3	4
28	Designing anti-Zika virus peptides derived from predicted human-Zika virus protein-protein interactions. Computational Biology and Chemistry, 2017, 71, 180-187.	2.3	20
29	Host genetic background influences diverse neurological responses to viral infection in mice. Scientific Reports, 2017, 7, 12194.	3.3	26
30	Acute Zika Virus Infection as a Risk Factor for Guillain-BarrÃ© Syndrome in Puerto Rico. JAMA - Journal of the American Medical Association, 2017, 318, 1498.	7.4	21
31	Neurological Presentation of Zika Virus Infection Beyond the Perinatal Period. Current Infectious Disease Reports, 2017, 19, 35.	3.0	8
32	Vaccines for emerging infectious diseases: Lessons from MERS coronavirus and Zika virus. Human Vaccines and Immunotherapeutics, 2017, 13, 2918-2930.	3.3	33
33	Zika virus disease-associated Guillain-BarrÃ© syndromeâ€”Barranquilla, Colombia 2015â€”2016. Journal of the Neurological Sciences, 2017, 381, 272-277.	0.6	40
34	Zika Virus Infection. Pediatric Clinics of North America, 2017, 64, 937-951.	1.8	24
35	Progress and Works in Progress: Update on Flavivirus Vaccine Development. Clinical Therapeutics, 2017, 39, 1519-1536.	2.5	95
36	Rapid, Point-of-Care, Paper-Based Plasmonic Biosensor for Zika Virus Diagnosis. Advanced Biology, 2017, 1, e1700096.	3.0	36

#	ARTICLE	IF	CITATIONS
37	Oropharyngeal mucosal transmission of Zika virus in rhesus macaques. <i>Nature Communications</i> , 2017, 8, 169.	12.8	49
38	Infection via mosquito bite alters Zika virus tissue tropism and replication kinetics in rhesus macaques. <i>Nature Communications</i> , 2017, 8, 2096.	12.8	87
39	High Zika Virus Seroprevalence in Salvador, Northeastern Brazil Limits the Potential for Further Outbreaks. <i>MBio</i> , 2017, 8, .	4.1	183
40	Clinical Impact of Non-Congenital Zika Virus Infection in Infants and Children. <i>Current Infectious Disease Reports</i> , 2017, 19, 29.	3.0	11
41	Status of diagnostics for three arbovirus infections in resource-limited settings. <i>Technology</i> , 2017, 05, 115-128.	1.4	2
42	Quasispecies composition and evolution of a typical Zika virus clinical isolate from Suriname. <i>Scientific Reports</i> , 2017, 7, 2368.	3.3	28
43	The mechanistic role of antibodies to dengue virus in protection and disease pathogenesis. <i>Expert Review of Anti-Infective Therapy</i> , 2017, 15, 111-119.	4.4	24
44	Experimental Zika Virus Inoculation in a New World Monkey Model Reproduces Key Features of the Human Infection. <i>Scientific Reports</i> , 2017, 7, 17126.	3.3	58
45	History and Emergence of Zika Virus. <i>Journal of Infectious Diseases</i> , 2017, 216, S860-S867.	4.0	112
46	Guillain-Barré Syndrome Associated With Zika Virus Infection in Martinique in 2016: A Prospective Study. <i>Clinical Infectious Diseases</i> , 2017, 65, 1462-1468.	5.8	48
47	Pericarditis Associated With Acute Zika Virus Infection in a Returning Traveler. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx103.	0.9	14
48	Neurological Implications of Zika Virus Infection in Adults. <i>Journal of Infectious Diseases</i> , 2017, 216, S897-S905.	4.0	78
49	Quantifying Zika: Advancing the Epidemiology of Zika With Quantitative Models. <i>Journal of Infectious Diseases</i> , 2017, 216, S884-S890.	4.0	18
50	Zika Virus Transmission “ Region of the Americas, May 15, 2015–December 15, 2016. <i>Morbidity and Mortality Weekly Report</i> , 2017, 66, 329-334.	15.1	81
51	Highly Pathogenic Avian Influenza Virus (H5N8) Clade 2.3.4.4 Infection in Migratory Birds, Egypt. <i>Emerging Infectious Diseases</i> , 2017, 23, 1048-1051.	4.3	73
52	What Recent History Has Taught Us About Responding to Emerging Infectious Disease Threats. <i>Annals of Internal Medicine</i> , 2017, 167, 805.	3.9	33
53	Zika Virus, Chikungunya Virus, and Dengue Virus in Cerebrospinal Fluid from Adults with Neurological Manifestations, Guayaquil, Ecuador. <i>Frontiers in Microbiology</i> , 2017, 8, 42.	3.5	71
54	Knowledge, Attitudes, and Practices about the Prevention of Mosquito Bites and Zika Virus Disease in Pregnant Women in Greece. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 367.	2.6	45

#	ARTICLE	IF	CITATIONS
55	Zika Virus Promotes Neuronal Cell Death in a Non-Cell Autonomous Manner by Triggering the Release of Neurotoxic Factors. <i>Frontiers in Immunology</i> , 2017, 8, 1016.	4.8	77
56	Zika Virus: What Have We Learnt Since the Start of the Recent Epidemic?. <i>Frontiers in Microbiology</i> , 2017, 8, 1554.	3.5	44
57	Risk of bias and confounding of observational studies of Zika virus infection: A scoping review of research protocols. <i>PLoS ONE</i> , 2017, 12, e0180220.	2.5	8
58	Zika Virus Infection as a Cause of Congenital Brain Abnormalities and Guillain-Barré Syndrome: Systematic Review. <i>PLoS Medicine</i> , 2017, 14, e1002203.	8.4	369
59	Behavioral, climatic, and environmental risk factors for Zika and Chikungunya virus infections in Rio de Janeiro, Brazil, 2015-16. <i>PLoS ONE</i> , 2017, 12, e0188002.	2.5	48
60	Biphasic Zika Illness With Rash and Joint Pain. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx133.	0.9	20
61	Guillain-Barré syndrome following heart transplantation complicated by myocardial infarction following treatment with IVIg. <i>Case Reports in Internal Medicine</i> , 2017, 4, 39.	0.0	1
62	Severe Thrombocytopenia after Zika Virus Infection, Guadeloupe, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 696-698.	4.3	33
63	Zika Virus-Associated Cognitive Impairment in Adolescent, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1047-1048.	4.3	26
64	Biologic Evidence Required for Zika Disease Enhancement by Dengue Antibodies. <i>Emerging Infectious Diseases</i> , 2017, 23, 569-573.	4.3	50
65	Guillain-Barré Syndrome and Healthcare Needs during Zika Virus Transmission, Puerto Rico, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 134-136.	4.3	21
66	NLRP3 Inflammasome Activation Mediates Zika Virus-Associated Inflammation. <i>Journal of Infectious Diseases</i> , 2018, 217, 1942-1951.	4.0	69
68	Neurological complications of Zika virus infection. <i>Expert Review of Anti-Infective Therapy</i> , 2018, 16, 399-410.	4.4	65
69	Zika virus: Report from the task force on tropical diseases by the world Federation of Societies of intensive and critical care medicine. <i>Journal of Critical Care</i> , 2018, 46, 106-109.	2.2	12
70	Longitudinal Analysis of Antibody Cross-neutralization Following Zika Virus and Dengue Virus Infection in Asia and the Americas. <i>Journal of Infectious Diseases</i> , 2018, 218, 536-545.	4.0	124
71	Review: Evidence of Neurological Sequelae in Children With Acquired Zika Virus Infection. <i>Pediatric Neurology</i> , 2018, 85, 16-20.	2.1	31
72	Zika virus and Guillain-Barré syndrome in Bangladesh. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 606-615.	3.7	25
73	Acute acalculous cholecystitis during zika virus infection in an immunocompromised patient. <i>Hepatology</i> , 2018, 67, 2051-2054.	7.3	6

#	ARTICLE	IF	CITATIONS
74	Zika virus in Germany: case report and possible routes of transmission. <i>JDDG - Journal of the German Society of Dermatology</i> , 2018, 16, 599-602.	0.8	3
75	Zika Virus Shedding in Semen of Symptomatic Infected Men. <i>New England Journal of Medicine</i> , 2018, 378, 1377-1385.	27.0	165
76	What we know and what we don't know about perinatal Zika virus infection: a systematic review. <i>Expert Review of Anti-Infective Therapy</i> , 2018, 16, 243-254.	4.4	13
77	Zika virus: An emerging player in the global scenario. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2018, 36, 1-3.	0.5	3
78	Current priorities in the Zika response. <i>Immunology</i> , 2018, 153, 435-442.	4.4	7
79	Differences in Prevalence of Symptomatic Zika Virus Infection, by Age and Sex—Puerto Rico, 2016. <i>Journal of Infectious Diseases</i> , 2018, 217, 1678-1689.	4.0	33
80	Clinical and nerve conduction features in Guillain-Barré syndrome associated with Zika virus infection in Cúcuta, Colombia. <i>European Journal of Neurology</i> , 2018, 25, 644-650.	3.3	20
81	Experimental Zika Virus Infection in the Pregnant Common Marmoset Induces Spontaneous Fetal Loss and Neurodevelopmental Abnormalities. <i>Scientific Reports</i> , 2018, 8, 6851.	3.3	63
82	Neurotropism and behavioral changes associated with Zika infection in the vector <i>Aedes aegypti</i> . <i>Emerging Microbes and Infections</i> , 2018, 7, 1-11.	6.5	30
83	Zika virus outbreak in New Caledonia and Guillain-Barré syndrome: a case-control study. <i>Journal of NeuroVirology</i> , 2018, 24, 362-368.	2.1	23
84	Zika virus: An emerging player in the global scenario. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2018, 36, 1-3.	0.3	0
85	Neurological syndromes driven by postinfectious processes or unrecognized persistent infections. <i>Current Opinion in Neurology</i> , 2018, 31, 318-324.	3.6	15
86	Prevalence of Guillain-Barré syndrome among Zika virus infected cases: a systematic review and meta-analysis. <i>Brazilian Journal of Infectious Diseases</i> , 2018, 22, 137-141.	0.6	98
87	Zika Virus as an Emerging Neuropathogen: Mechanisms of Neurovirulence and Neuro-Immune Interactions. <i>Molecular Neurobiology</i> , 2018, 55, 4160-4184.	4.0	26
88	Mosquito-borne and sexual transmission of Zika virus: Recent developments and future directions. <i>Virus Research</i> , 2018, 254, 1-9.	2.2	33
89	Role of autophagy in Zika virus infection and pathogenesis. <i>Virus Research</i> , 2018, 254, 34-40.	2.2	101
90	Zika clinical updates: implications for pediatrics. <i>Current Opinion in Pediatrics</i> , 2018, 30, 105-116.	2.0	28
91	Preliminary aggregate safety and immunogenicity results from three trials of a purified inactivated Zika virus vaccine candidate: phase 1, randomised, double-blind, placebo-controlled clinical trials. <i>Lancet, The</i> , 2018, 391, 563-571.	13.7	165

#	ARTICLE	IF	CITATIONS
92	Autoimmune Neurologic Disorders. American Journal of Medicine, 2018, 131, 226-236.	1.5	17
93	Zika virus as a sexually transmitted pathogen. Current Opinion in Infectious Diseases, 2018, 31, 39-44.	3.1	76
94	Neurological manifestations of congenital Zika virus infection. Child's Nervous System, 2018, 34, 73-78.	1.1	58
95	Zika virus in French Polynesia 2013-14: anatomy of a completed outbreak. Lancet Infectious Diseases, The, 2018, 18, e172-e182.	9.1	97
96	Zika virus infection as a cause of congenital brain abnormalities and Guillain-Barré syndrome: From systematic review to living systematic review. F1000Research, 2018, 7, 196.	1.6	32
97	Zika Virus and Neurologic Disease. Neurologic Clinics, 2018, 36, 767-787.	1.8	13
98	Zika Virus Liquid Biopsy: A Dendritic Ru(bpy) ₃ ²⁺ -Polymer-Amplified ECL Diagnosis Strategy Using a Drop of Blood. ACS Central Science, 2018, 4, 1403-1411.	11.3	19
99	Reply to: Comment on: Zika virus and Guillain-Barré syndrome in Bangladesh. Annals of Clinical and Translational Neurology, 2018, 5, 1140-1141.	3.7	0
100	The Emergence of Chikungunya and Zika Viruses in the Americas. , 2018, , 215-235.		4
101	Screening for Zika virus RNA in sera of suspected cases: a retrospective cross-sectional study. Virology Journal, 2018, 15, 155.	3.4	0
102	Whole genome sequencing, variant analysis, phylogenetics, and deep sequencing of Zika virus strains. Scientific Reports, 2018, 8, 15843.	3.3	20
103	Deconvolution of pro- and antiviral genomic responses in Zika virus-infected and bystander macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9172-E9181.	7.1	44
104	A single-dose plasmid-launched live-attenuated Zika vaccine induces protective immunity. EBioMedicine, 2018, 36, 92-102.	6.1	37
105	Postmortem Findings in Patient with Guillain-Barré Syndrome and Zika Virus Infection. Emerging Infectious Diseases, 2018, 24, 114-117.	4.3	27
106	The emergence of Zika virus and its new clinical syndromes. Nature, 2018, 560, 573-581.	27.8	303
107	Experimental approach in research of Guillain-Barré syndrome: A range of pathogeneses mediated by molecular mimicry. Clinical and Experimental Neuroimmunology, 2018, 9, 93-100.	1.0	9
108	Emerging Viral Infections and Their Impact on the Global Burden of Neurological Disease. Seminars in Neurology, 2018, 38, 163-175.	1.4	28
109	Clinical Features of Guillain-Barré Syndrome With vs Without Zika Virus Infection, Puerto Rico, 2016. JAMA Neurology, 2018, 75, 1089.	9.0	57

#	ARTICLE	IF	CITATIONS
110	Low Zika virus seroprevalence among pregnant women in North Central Nigeria, 2016. <i>Journal of Clinical Virology</i> , 2018, 105, 35-40.	3.1	21
111	Emerging sexually transmitted viral infections: 2. Review of Zika virus disease. <i>International Journal of STD and AIDS</i> , 2018, 29, 1238-1246.	1.1	2
112	Zika Virus Vaccine: Progress and Challenges. <i>Cell Host and Microbe</i> , 2018, 24, 12-17.	11.0	81
113	Origin of Zika Virus Disease. , 2018, , 1-25.		1
114	Post-Zika Virus Infection Survival. , 2018, , 117-123.		0
115	Predicting Zika Prevention Techniques Discussed on Twitter. , 2018, , .		4
116	Calibration of a SEIRâ€“SEI epidemic model to describe the Zika virus outbreak in Brazil. <i>Applied Mathematics and Computation</i> , 2018, 338, 249-259.	2.2	43
117	Clinical, Serological, and Molecular Observations from a Case Series Study during the Asian Lineage Zika Virus Outbreak in Grenada during 2016. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2018, 2018, 1-9.	1.9	12
118	First evidence of Zika virus venereal transmission in <i>Aedes aegypti</i> mosquitoes. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, 56-61.	1.6	17
119	Unilateral Phrenic Nerve Palsy in Infants with Congenital Zika Syndrome. <i>Emerging Infectious Diseases</i> , 2018, 24, .	4.3	10
120	An assessment of public health surveillance of Zika virus infection and potentially associated outcomes in Latin America. <i>BMC Public Health</i> , 2018, 18, 656.	2.9	7
121	Guillainâ€“BarrÃ© syndrome risk among individuals infected with Zika virus: a multi-country assessment. <i>BMC Medicine</i> , 2018, 16, 67.	5.5	57
122	Detection of Zika virus infection among asymptomatic pregnant women in the North of Peru. <i>BMC Research Notes</i> , 2018, 11, 311.	1.4	3
123	A New In Vivo Model to Study Protective Immunity to Zika Virus Infection in Mice With Intact Type I Interferon Signaling. <i>Frontiers in Immunology</i> , 2018, 9, 593.	4.8	38
124	Cathelicidin-Derived Antimicrobial Peptides Inhibit Zika Virus Through Direct Inactivation and Interferon Pathway. <i>Frontiers in Immunology</i> , 2018, 9, 722.	4.8	79
125	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
126	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
127	Atrial fibrillation in a patient with Zika virus infection. <i>Virology Journal</i> , 2018, 15, 23.	3.4	29

#	ARTICLE	IF	CITATIONS
128	Mosquito-borne arboviruses of African origin: review of key viruses and vectors. <i>Parasites and Vectors</i> , 2018, 11, 29.	2.5	201
129	Zikaâ€Virus â€“ cave auch in Deutschland! Kasuistik und Diskussion der Ãœbertragungswege. <i>JDDG - Journal of the German Society of Dermatology</i> , 2018, 16, 599-602.	0.8	3
130	Sampling considerations for a potential Zika virus urosurvey in New York City. <i>Epidemiology and Infection</i> , 2018, 146, 1628-1634.	2.1	3
131	Critical role of CD4+ T cells and IFNÎ³ signaling in antibody-mediated resistance to Zika virus infection. <i>Nature Communications</i> , 2018, 9, 3136.	12.8	64
132	Early cellular innate immune responses drive Zika viral persistence and tissue tropism in pigtail macaques. <i>Nature Communications</i> , 2018, 9, 3371.	12.8	38
133	Zika Virus Envelope Protein and Antibody Complexes. <i>Sub-Cellular Biochemistry</i> , 2018, 88, 147-168.	2.4	10
134	Simple framework for real-time forecast in a data-limited situation: the Zika virus (ZIKV) outbreaks in Brazil from 2015 to 2016 as an example. <i>Parasites and Vectors</i> , 2019, 12, 344.	2.5	42
135	Knowledge and Practice Survey on Zika Virus Infection Among General Adults in Brunei Darussalam. <i>Asia-Pacific Journal of Public Health</i> , 2019, 31, 275-287.	1.0	3
136	Generation of Zika virusâ€specific T cells from seropositive and virus-naÃve donors for potential use as an autologous or â€œoff-the-shelfâ€ immunotherapeutic. <i>Cytotherapy</i> , 2019, 21, 840-855.	0.7	10
138	â€Comment on the letter: Gastrointestinal, respiratory and / or arboviral infections? What is the cause of the Guillain-BarrÃ© syndrome epidemics in Peru? Current status - 2019â€. <i>Travel Medicine and Infectious Disease</i> , 2019, 32, 101501.	3.0	0
139	Zika Virus Infection â€” After the Pandemic. <i>New England Journal of Medicine</i> , 2019, 381, 1444-1457.	27.0	369
140	Quest for a pathway to humanâ€™s good life in the Chinese cultural context. <i>Counselling Psychology Quarterly</i> , 2019, 32, 516-528.	2.3	1
141	Therapeutic Plasma Exchange in Guillain-Barre Syndrome and chronic inflammatory demyelinating polyradiculoneuropathy. <i>Presse Medicale</i> , 2019, 48, 338-346.	1.9	4
142	Anti-inflammatory Compound Shows Therapeutic Safety and Efficacy against Flavivirus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	3.2	9
143	Incidence of Guillain-BarrÃ© Syndrome (GBS) in Latin America and the Caribbean before and during the 2015â€2016 Zika virus epidemic: A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007622.	3.0	36
144	<i>Flaviviridae</i> Viruses and Oxidative Stress: Implications for Viral Pathogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-17.	4.0	62
145	Zika Virus-Mediated Death of Hippocampal Neurons Is Independent From Maturation State. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 389.	3.7	18
146	Possible Mechanisms Explaining the Association between Zika Virus and Guillain-barre Syndrome: An Immunological Approach. <i>Current Immunology Reviews</i> , 2019, 15, 166-171.	1.2	0

#	ARTICLE	IF	CITATIONS
147	Zika virus encephalitis in immunocompetent mice is dominated by innate immune cells and does not require T or B cells. <i>Journal of Neuroinflammation</i> , 2019, 16, 177.	7.2	22
148	Zika Virus Pathogenesis: From Early Case Reports to Epidemics. <i>Viruses</i> , 2019, 11, 886.	3.3	19
149	Persistence and clinical relevance of Zika virus in the male genital tract. <i>Nature Reviews Urology</i> , 2019, 16, 211-230.	3.8	63
150	Spatial distribution of Zika in Honduras during 2016â€“2017 using geographic information systems (GIS) â€“ Implications for public health and travel medicine. <i>Travel Medicine and Infectious Disease</i> , 2019, 31, 101382.	3.0	10
151	Zika virus infection and risk of Guillain-BarrÃ© syndrome: A meta-analysis. <i>Journal of the Neurological Sciences</i> , 2019, 403, 99-105.	0.6	10
152	Serologic Tools and Strategies to Support Intervention Trials to Combat Zika Virus Infection and Disease. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 68.	2.3	11
153	Guillainâ€“BarrÃ© syndrome associated with Zika virus infection in Honduras, 2016â€“2017. <i>International Journal of Infectious Diseases</i> , 2019, 84, 136-137.	3.3	13
154	Guillainâ€“BarrÃ© syndrome associated with Zika virus infection in Brazil: a cost-of-illness study. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 252-258.	1.8	16
155	Detection and clearance of a mosquito densovirus contaminant from laboratory stocks of Zika virus. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e180432.	1.6	5
156	Genetic and biochemical characterizations of Zika virus NS2A protein. <i>Emerging Microbes and Infections</i> , 2019, 8, 585-602.	6.5	32
157	A MATHEMATICAL ANALYSIS OF ZIKA VIRUS EPIDEMIC IN RIO DE JANEIRO AS A VECTOR-BORNE AND SEXUALLY TRANSMITTED DISEASE. <i>Journal of Biological Systems</i> , 2019, 27, 83-105.	1.4	5
158	Venezuela's humanitarian crisis, resurgence of vector-borne diseases, and implications for spillover in the region. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e149-e161.	9.1	138
159	Zika Vaccines. , 2019, , 75-88.		0
160	SÃndrome de Guillain y BarrÃ© variedad Miller Fisher asociado a hepatitis viral B. <i>NeurologÃa Argentina</i> , 2019, 11, 40-43.	0.3	0
161	Incidencia de sÃndrome de Guillain-BarrÃ© durante la oleada de zika del 2016 en un hospital de segundo nivel. <i>NeurologÃa</i> , 2020, 35, 160-164.	0.7	10
162	Microbial Infection as a Trigger of T-Cell Autoimmunity. , 2020, , 363-374.		5
163	The everyday political economy of health: community health workers and the response to the 2015 Zika outbreak in Brazil. <i>Review of International Political Economy</i> , 2020, 27, 146-166.	4.7	29
164	Zika virus: an emerging challenge to public health worldwide. <i>Canadian Journal of Microbiology</i> , 2020, 66, 87-98.	1.7	71

#	ARTICLE	IF	CITATIONS
165	Zika virus. , 2020, , 289-319.		0
166	Identification of a pocket factor that is critical to Zika virus assembly. Nature Communications, 2020, 11, 4953.	12.8	29
167	Zika Virus. Pathogens, 2020, 9, 898.	2.8	54
168	Epidemiologic and spatiotemporal trends of Zika Virus disease during the 2016 epidemic in Puerto Rico. PLoS Neglected Tropical Diseases, 2020, 14, e0008532.	3.0	12
169	Neural progenitor cell pyroptosis contributes to Zika virus-induced brain atrophy and represents a therapeutic target. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23869-23878.	7.1	56
170	Incidence of Guillain-Barré syndrome at a secondary centre during the 2016 Zika virus outbreak. Neurologia (English Edition), 2020, 35, 160-164.	0.4	6
171	Guillain-Barré Syndrome with Facial Diplegia Related to SARS-CoV-2 Infection. Canadian Journal of Neurological Sciences, 2020, 47, 852-854.	0.5	57
172	Sustained maternal antibody and cellular immune responses in pregnant women infected with Zika virus and mother to infant transfer of Zika-specific antibodies. American Journal of Reproductive Immunology, 2020, 84, e13288.	1.2	7
173	The Mechanism of the Zika Virus Crossing the Placental Barrier and the Blood-Brain Barrier. Frontiers in Microbiology, 2020, 11, 214.	3.5	76
174	New estimates of the Zika virus epidemic attack rate in Northeastern Brazil from 2015 to 2016: A modelling analysis based on Guillain-Barré Syndrome (GBS) surveillance data. PLoS Neglected Tropical Diseases, 2020, 14, e0007502.	3.0	16
175	Zika virus non-structural protein NS4A restricts eye growth in <i>Drosophila</i> through regulation of JAK/STAT signaling. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	22
176	Burden of Disease of Guillain-Barré Syndrome in Brazil before and during the Zika virus epidemic 2014-2016. Tropical Medicine and International Health, 2021, 26, 66-81.	2.3	7
177	Zika virus in Vietnam: Biology, transmission, pathology, associated conditions, and controls. , 2021, , 367-376.		0
178	Clinical neurological spectrum of adult and congenital ZIKV infection: An overview of virology, pathogenesis, and management. , 2021, , 15-28.		0
179	Chikungunya, Dengue, Zika, and Other Emerging Mosquito-Borne Viruses. Neglected Tropical Diseases, 2021, , 157-196.	0.4	1
180	Zika Virus Pathogenesis: A Battle for Immune Evasion. Vaccines, 2021, 9, 294.	4.4	12
181	Immune cells enhance Zika virus-mediated neurologic dysfunction in brain of mice with humanized immune systems. Developmental Neurobiology, 2021, 81, 389-399.	3.0	4
182	Zika virus outbreak in Brazil—Lessons learned and perspectives for a safe and effective vaccine. Anatomical Record, 2021, 304, 1194-1201.	1.4	3

#	ARTICLE	IF	CITATIONS
183	Semisynthesis of Dolabellane Diterpenes: Oxygenated Analogues with Increased Activity against Zika and Chikungunya Viruses. <i>Journal of Natural Products</i> , 2021, 84, 1373-1384.	3.0	8
184	Predicting Mechanical Ventilation Using the EGRIS in Guillain-Barré Syndrome in a Latin American Country. <i>Neurocritical Care</i> , 2021, , 1.	2.4	4
185	Profound downregulation of neural transcription factor Npas4 and Nr4a family in fetal mice neurons infected with Zika virus. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009425.	3.0	5
186	Emerging infectious diseases, vaccines and Guillain-Barré syndrome. <i>Clinical and Experimental Neuroimmunology</i> , 2021, 12, 165-170.	1.0	7
187	SARS-CoV-2 Infection and Guillain-Barré Syndrome: A Review on Potential Pathogenic Mechanisms. <i>Frontiers in Immunology</i> , 2021, 12, 674922.	4.8	19
188	An epidemic Zika virus isolate suppresses antiviral immunity by disrupting antigen presentation pathways. <i>Nature Communications</i> , 2021, 12, 4051.	12.8	3
189	Emerging Infection, Vaccination, and Guillain-Barré Syndrome: A Review. <i>Neurology and Therapy</i> , 2021, 10, 523-537.	3.2	40
190	Cinnamic acid inhibits Zika virus by inhibiting RdRp activity. <i>Antiviral Research</i> , 2021, 192, 105117.	4.1	29
191	NK Cell Responses in Zika Virus Infection Are Biased towards Cytokine-Mediated Effector Functions. <i>Journal of Immunology</i> , 2021, 207, 1333-1343.	0.8	5
192	Characterization of adult patients with Guillain-Barré syndrome during the arboviral infection outbreaks in Honduras. <i>Journal of the Neurological Sciences</i> , 2021, 427, 117551.	0.6	4
193	Nation-wide vector surveillance on Zika and Dengue did not indicate transmission of the American lineage-pandemic Zika virus in India. <i>International Journal of Infectious Diseases</i> , 2021, 113, 119-124.	3.3	4
195	Evaluation of eight commercial Zika virus IgM and IgG serology assays for diagnostics and research. <i>PLoS ONE</i> , 2021, 16, e0244601.	2.5	14
196	Dengue Virus and Other Flaviviruses (Zika): Biology, Pathogenesis, Epidemiology, and Vaccine Development. , 2017, , 141-167.		2
197	Zika virus and Guillain-Barré syndrome. <i>Revue Neurologique</i> , 2017, 173, 361-363.	1.5	8
200	Zika Virus and Other Emerging Arboviral Central Nervous System Infections. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2018, 24, 1512-1534.	0.8	6
201	Detecting Local Zika Virus Transmission in the Continental United States: A Comparison of Surveillance Strategies. <i>PLOS Currents</i> , 2017, 9, .	1.4	11
202	Increased rates of Guillain-Barré syndrome associated with Zika virus outbreak in the Salvador metropolitan area, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005869.	3.0	84
203	After the epidemic: Zika virus projections for Latin America and the Caribbean. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006007.	3.0	49

#	ARTICLE	IF	CITATIONS
204	Zika Virus Tissue and Blood Compartmentalization in Acute Infection of Rhesus Macaques. PLoS ONE, 2017, 12, e0171148.	2.5	102
205	Incidence of Zika Virus Disease by Age and Sex â€” Puerto Rico, November 1, 2015â€”October 20, 2016. Morbidity and Mortality Weekly Report, 2016, 65, 1219-1223.	15.1	59
206	Zika Virus â€”10 Public Health Achievements in 2016 and Future Priorities. Morbidity and Mortality Weekly Report, 2017, 65, 1482-1488.	15.1	23
207	Guillain-BarrÃ© syndrome and dengue-like disease in 2015: temporal relationship in PiauÃ—state and implications on Zika virus surveillance. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2017, 59, e22.	1.1	4
208	Zika virus outbreak in 19 English- and Dutch-speaking Caribbean countries and territories, 2015â€”2016. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2018, 42, e120.	1.1	7
209	Unilateral Phrenic Nerve Palsy in Infants with Congenital Zika Syndrome. Emerging Infectious Diseases, 2018, 24, .	4.3	1
210	Beyond the Surface: Endocytosis of Mosquito-Borne Flaviviruses. Viruses, 2021, 13, 13.	3.3	22
211	United States Travelersâ€™ Concern about Zika Infection and Willingness to Receive a Hypothetical Zika Vaccine. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1848-1856.	1.4	9
212	Are anti-ganglioside antibodies associated with proventricular dilatation disease in birds?. PeerJ, 2017, 5, e3144.	2.0	7
213	Pathogenesis and virulence of flavivirus infections. Virulence, 2021, 12, 2814-2838.	4.4	31
218	Prolonged Zika virus viremia in a patient with Guillain-BarrÃ© syndrome in Trinidad and Tobago. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2017, 41, 1.	1.1	5
221	Formal Education Related Pattern of Awareness and Basic Knowledge on Zika Virus Disease, among Women Visiting Children Immunization Unit in a Tertiary Hospital, Southeast Nigeria. Health, 2018, 10, 1576-1596.	0.3	2
224	Structure Based Identification of Potential Inhibitors of NS3 Protein of Zika Virus. Letters in Drug Design and Discovery, 2019, 16, 761-774.	0.7	0
226	Neuromuscular Disease in the ICU. , 2020, , 347-358.		0
227	Zika Virus and Guillainâ€™BarrÃ© Syndrome. , 2020, , 441-444.		0
228	Viral Infections in Obstetric Critical Care. , 2020, , 231-242.		0
229	Implementation and Evaluation of Guillain-BarrÃ© Syndrome Surveillance in Puerto Rico during the 2016 Zika Virus Epidemic. Puerto Rico Health Sciences Journal, 2018, 37, S85-S92.	0.2	2
231	Clinical Neurophysiology of Zika Virus Encephalitis. Journal of Clinical Neurophysiology, 2022, 39, 259-264.	1.7	3

#	ARTICLE	IF	CITATIONS
232	Clinical Neurophysiology of Zika Virus Infection. Journal of Clinical Neurophysiology, 2022, Publish Ahead of Print, .	1.7	0
233	Clinical Neurophysiology of Zika Virus-Related Disorders of the Peripheral Nervous System in Adults. Journal of Clinical Neurophysiology, 2022, Publish Ahead of Print, .	1.7	5
234	Neurocognitive impact of Zika virus infection in adult rhesus macaques. Journal of Neuroinflammation, 2022, 19, 40.	7.2	11
235	Searching for plant-derived antivirals against dengue virus and Zika virus. Virology Journal, 2022, 19, 31.	3.4	9
236	Zika Virus Neuropathogenesis: The Different Brain Cells, Host Factors and Mechanisms Involved. Frontiers in Immunology, 2022, 13, 773191.	4.8	11
237	EVITA Dengue: a cluster-randomized controlled trial to Evaluate the efficacy of Wolbachia-Infected Aedes aegypti mosquitoes in reducing the incidence of Arboviral infection in Brazil. Trials, 2022, 23, 185.	1.6	5
238	Vaccine Development under Proprietary Paradigms. , 2022, , 56-92.		0
240	Zika Virus and Its Association with Neurological Disorders. Advances in Microbiology, 2022, 12, 198-217.	0.6	0
243	Guillain-Barré Syndrome and Miller Fisher Syndrome in Association With an Arboviral Outbreak: A Brazilian Case Series. Frontiers in Medicine, 0, 9, .	2.6	1
244	Microcephaly prevalence after the 2015 to 2016 Zika outbreak in Tangará da Serra, Brazil: a population-based study. Reproductive and Developmental Medicine, 2022, 6, 98-103.	0.5	0
245	Sero-epidemiological study of arbovirus infection following the 2015-2016 Zika virus outbreak in Cabo Verde. Scientific Reports, 2022, 12, .	3.3	2
246	The CD8+ and CD4+ T Cell Immunogen Atlas of Zika Virus Reveals E, NS1 and NS4 Proteins as the Vaccine Targets. Viruses, 2022, 14, 2332.	3.3	2
247	Seroprevalence of Chikungunya and Zika virus in nonhuman primates: A systematic review and meta-analysis. One Health, 2022, 15, 100455.	3.4	0
248	Parainfectious and Postinfectious Neurologic Syndromes. , 2023, , 331-337.e2.		0
249	Guillain-Barré Syndrome Following Zika Virus Infection Is Associated With a Diverse Spectrum of Peripheral Nerve Reactive Antibodies. Neurology: Neuroimmunology and Neuroinflammation, 2023, 10, .	6.0	3
250	Estimating Zika virus attack rates and risk of Zika virus-associated neurological complications in Colombian capital cities with a Bayesian model. Royal Society Open Science, 2022, 9, .	2.4	1
251	Zika virus as a cause of birth defects: Were the teratogenic effects of Zika virus missed for decades?. Birth Defects Research, 2023, 115, 265-274.	1.5	5
252	Differential Susceptibility of Fetal Retinal Pigment Epithelial Cells, hiPSC- Retinal Stem Cells, and Retinal Organoids to Zika Virus Infection. Viruses, 2023, 15, 142.	3.3	2

#	ARTICLE	IF	CITATIONS
253	A safe replication-defective Zika virus vaccine protects mice from viral infection and vertical transmission. <i>Antiviral Research</i> , 2023, 211, 105549.	4.1	0
254	Antibody cross-reactivity and evidence of susceptibility to emerging Flaviviruses in the dengue-endemic Brazilian Amazon. <i>International Journal of Infectious Diseases</i> , 2023, 129, 142-151.	3.3	0
255	A comprehensive insight on the challenges for COVID-19 vaccine: A lesson learnt from other viral vaccines. <i>Heliyon</i> , 2023, 9, e16813.	3.2	0
256	Neutralizing antibodies targeting a novel epitope on envelope protein exhibited broad protection against flavivirus without risk of disease enhancement. <i>Journal of Biomedical Science</i> , 2023, 30, .	7.0	2
257	Communicating Pandemic Risks. <i>Risk, Systems and Decisions</i> , 2023, , 527-571.	0.8	0
258	Effects on Adults. <i>Risk, Systems and Decisions</i> , 2023, , 247-263.	0.8	0
259	Potential role of lncRNA in impairing cellular properties of human neural progenitor cells following exposure to Zika virus E protein. <i>Experimental Neurology</i> , 2023, 368, 114493.	4.1	1
260	Epidemiology of emerging viruses. <i>Indian Journal of Microbiology Research</i> , 2023, 10, 116-122.	0.1	0
261	Molecular and Cellular Mechanisms Underlying Neurologic Manifestations of Mosquito-Borne Flavivirus Infections. <i>Viruses</i> , 2023, 15, 2200.	3.3	0
262	Zika virus M protein latches and locks the E protein from transitioning to an immature state after prM cleavage. , 2023, 1, .		3
263	Zika Virus Outbreaks: a Narrative Review. <i>Current Tropical Medicine Reports</i> , 0, , .	3.7	0
264	Review of dengue, zika and chikungunya infections in nervous system in endemic areas. <i>Arquivos De Neuro-Psiquiatria</i> , 2023, 81, 1112-1124.	0.8	1
265	Characterization of CD8 ⁺ T cells in immune-privileged organs of ZIKV-infected <i>lfnar1</i> ^{+/+} mice. <i>Journal of Virology</i> , 2024, 98, .	3.4	0
266	Diversity of Medicinal Plants Used in the Treatment and Management of Viral Diseases Transmitted by Mosquitoes in the Tropics. <i>Reference Series in Phytochemistry</i> , 2023, , 1-35.	0.4	0
267	Interactions Between Extracellular Vesicles and Autophagy in Neuroimmune Disorders. <i>Neuroscience Bulletin</i> , 0, , .	2.9	0