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Development and Characterization of Recombinant Virus Generated from a New World Zika Virus Infectious Clone

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#	Paper	IF	Citations
82	Animal Models of Zika Virus Infection, Pathogenesis, and Immunity. <i>Journal of Virology</i> , 2017 , 91,	6.6	172
81	A cDNA Clone-Launched Platform for High-Yield Production of Inactivated Zika Vaccine. <i>EBioMedicine</i> , 2017 , 17, 145-156	8.8	34
80	A Reverse Genetics Platform That Spans the Zika Virus Family Tree. <i>MBio</i> , 2017 , 8,	7.8	50
79	Zika Virus Pathogenesis and Tissue Tropism. <i>Cell Host and Microbe</i> , 2017 , 21, 134-142	23.4	238
78	Impact of simultaneous exposure to arboviruses on infection and transmission by <i>Aedes aegypti</i> mosquitoes. <i>Nature Communications</i> , 2017 , 8, 15412	17.4	117
77	Zika Virus Encoding Nonglycosylated Envelope Protein Is Attenuated and Defective in Neuroinvasion. <i>Journal of Virology</i> , 2017 , 91,	6.6	65
76	Rescue and Characterization of Recombinant Virus from a New World Zika Virus Infectious Clone. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	7
75	Arbovirus Adaptation: Roles in Transmission and Emergence. <i>Current Clinical Microbiology Reports</i> , 2017 , 4, 159-166	3.1	2
74	Characterization of ω -Acting RNA Elements of Zika Virus by Using a Self-Splicing Ribozyme-Dependent Infectious Clone. <i>Journal of Virology</i> , 2017 , 91,	6.6	29
73	Characterization of large and small-plaque variants in the Zika virus clinical isolate ZIKV/Hu/S36/Chiba/2016. <i>Scientific Reports</i> , 2017 , 7, 16160	4.9	24
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71	Small Molecules and Antibodies for Zika Therapy. <i>Journal of Infectious Diseases</i> , 2017 , 216, S945-S950	7	17
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69	Zika virus-induced acute myelitis and motor deficits in adult interferon β receptor knockout mice. <i>Journal of NeuroVirology</i> , 2018 , 24, 273-290	3.9	13
68	Dual Insect specific virus infection limits Arbovirus replication in <i>Aedes</i> mosquito cells. <i>Virology</i> , 2018 , 518, 406-413	3.6	52
67	An evolutionary NS1 mutation enhances Zika virus evasion of host interferon induction. <i>Nature Communications</i> , 2018 , 9, 414	17.4	157
66	Potential Mechanisms for Enhanced Zika Epidemic and Disease. <i>ACS Infectious Diseases</i> , 2018 , 4, 656-659	5.5	8

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64	Tet-Inducible Production of Infectious Zika Virus from the Full-Length cDNA Clones of African- and Asian-Lineage Strains. <i>Viruses</i> , 2018 , 10,	6.2	5
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58	An Alanine-to-Valine Substitution in the Residue 175 of Zika Virus NS2A Protein Affects Viral RNA Synthesis and Attenuates the Virus In Vivo. <i>Viruses</i> , 2018 , 10,	6.2	26
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55	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	4.9	15
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51	Zika Virus Attenuation by Codon Pair Deoptimization Induces Sterilizing Immunity in Mouse Models. <i>Journal of Virology</i> , 2018 , 92,	6.6	38
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48	The Rescue and Characterization of Recombinant, Microcephaly-Associated Zika Viruses as Single-Round Infectious Particles. <i>Viruses</i> , 2019 , 11,	6.2	4

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43	Duration of seminal Zika viral RNA shedding in immunocompetent mice inoculated with Asian and African genotype viruses. <i>Virology</i> , 2019 , 535, 1-10	3.6	16
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41	Zika viruses of African and Asian lineages cause fetal harm in a mouse model of vertical transmission. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007343	4.8	35
40	Zika virus replication and cytopathic effects in liver cells. <i>PLoS ONE</i> , 2019 , 14, e0214016	3.7	12
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36	Rolling circle amplification: A high fidelity and efficient alternative to plasmid preparation for the rescue of infectious clones. <i>Virology</i> , 2020 , 551, 58-63	3.6	3
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34	Generation of A Stable GFP-reporter Zika Virus System for High-throughput Screening of Zika Virus Inhibitors. <i>Virologica Sinica</i> , 2021 , 36, 476-489	6.4	3
33	A Hyperactive Kunjin Virus NS3 Helicase Mutant Demonstrates Increased Dissemination and Mortality in Mosquitoes. <i>Journal of Virology</i> , 2020 , 94,	6.6	1
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31	Identification of the phytoactive <i>Polygonum cuspidatum</i> as an antiviral source for restricting dengue virus entry. <i>Scientific Reports</i> , 2020 , 10, 16378	4.9	1
30	Two Genetic Differences between Closely Related Zika Virus Strains Determine Pathogenic Outcome in Mice. <i>Journal of Virology</i> , 2020 , 94,	6.6	5

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28	Baculovirus Surface Display of Zika Virus Envelope Protein Protects against Virus Challenge in Mouse Model. <i>Virologica Sinica</i> , 2020 , 35, 637-650	6.4	4
27	Development, Characterization, and Application of Two Reporter-Expressing Recombinant Zika Viruses. <i>Viruses</i> , 2020 , 12,	6.2	3
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5	Influence of Zika virus 3'-end sequence and nonstructural protein evolution on the viral replication competence and virulence. 1-10		0
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