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List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,979
citations

218592

26
h-index

233338

45
g-index

58
all docs

58
docs citations

58
times ranked

4283
citing authors

#	ARTICLE	IF	CITATIONS
1	A rhesus macaque model of Asian-lineage Zika virus infection. <i>Nature Communications</i> , 2016, 7, 12204.	5.8	353
2	The wMel strain of Wolbachia Reduces Transmission of Zika virus by <i>Aedes aegypti</i> . <i>Scientific Reports</i> , 2016, 6, 28792.	1.6	265
3	Characterization of Lethal Zika Virus Infection in AG129 Mice. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004682.	1.3	251
4	Chloroquine, an Endocytosis Blocking Agent, Inhibits Zika Virus Infection in Different Cell Models. <i>Viruses</i> , 2016, 8, 322.	1.5	227
5	Highly efficient maternal-fetal Zika virus transmission in pregnant rhesus macaques. <i>PLoS Pathogens</i> , 2017, 13, e1006378.	2.1	201
6	The wMel Strain of Wolbachia Reduces Transmission of Chikungunya Virus in <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004677.	1.3	168
7	Heterologous Protection against Asian Zika Virus Challenge in Rhesus Macaques. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005168.	1.3	125
8	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.	1.9	104
9	Ocular and uteroplacental pathology in a macaque pregnancy with congenital Zika virus infection. <i>PLoS ONE</i> , 2018, 13, e0190617.	1.1	89
10	Infection via mosquito bite alters Zika virus tissue tropism and replication kinetics in rhesus macaques. <i>Nature Communications</i> , 2017, 8, 2096.	5.8	87
11	<i>Culex pipiens</i> and <i>Aedes triseriatus</i> Mosquito Susceptibility to Zika Virus. <i>Emerging Infectious Diseases</i> , 2016, 22, 1857-1859.	2.0	86
12	Broad-Spectrum Antiviral Strategies and Nucleoside Analogues. <i>Viruses</i> , 2021, 13, 667.	1.5	79
13	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.	1.3	70
14	Dual RNA-seq of Parasite and Host Reveals Gene Expression Dynamics during Filarial Worm-Mosquito Interactions. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2905.	1.3	68
15	Mosquito Infection Responses to Developing Filarial Worms. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e529.	1.3	66
16	A multi-center phase II randomized clinical trial of losartan on symptomatic outpatients with COVID-19. <i>EClinicalMedicine</i> , 2021, 37, 100957.	3.2	56
17	Oropharyngeal mucosal transmission of Zika virus in rhesus macaques. <i>Nature Communications</i> , 2017, 8, 169.	5.8	49
18	Primary infection with dengue or Zika virus does not affect the severity of heterologous secondary infection in macaques. <i>PLoS Pathogens</i> , 2019, 15, e1007766.	2.1	46

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19	Mosquito Transcriptome Profiles and Filarial Worm Susceptibility in <i>Armigeres subalbatus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e666.	1.3	45
20	Using barcoded Zika virus to assess virus population structure in vitro and in <i>Aedes aegypti</i> mosquitoes. <i>Virology</i> , 2018, 521, 138-148.	1.1	43
21	Efficacy of Losartan in Hospitalized Patients With COVID-19-Induced Lung Injury. <i>JAMA Network Open</i> , 2022, 5, e222735.	2.8	42
22	Detection of Autochthonous Zika Virus Transmission in Sincelejo, Colombia. <i>Emerging Infectious Diseases</i> , 2016, 22, 927-929.	2.0	39
23	Molecularly barcoded Zika virus libraries to probe in vivo evolutionary dynamics. <i>PLoS Pathogens</i> , 2018, 14, e1006964.	2.1	38
24	Characterization of Rabensburg Virus, a Flavivirus Closely Related to West Nile Virus of the Japanese Encephalitis Antigenic Group. <i>PLoS ONE</i> , 2012, 7, e39387.	1.1	36
25	Mosquito transcriptome changes and filarial worm resistance in <i>Armigeres subalbatus</i> . <i>BMC Genomics</i> , 2007, 8, 463.	1.2	31
26	Filarial Worms Reduce Plasmodium Infectivity in Mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e963.	1.3	28
27	Using Macaques to Address Critical Questions in Zika Virus Research. <i>Annual Review of Virology</i> , 2019, 6, 481-500.	3.0	27
28	Dissecting the Role of E2 Protein Domains in Alphavirus Pathogenicity. <i>Journal of Virology</i> , 2016, 90, 2418-2433.	1.5	26
29	Zika virus replication and cytopathic effects in liver cells. <i>PLoS ONE</i> , 2019, 14, e0214016.	1.1	26
30	African-Lineage Zika Virus Replication Dynamics and Maternal-Fetal Interface Infection in Pregnant Rhesus Macaques. <i>Journal of Virology</i> , 2021, 95, e0222020.	1.5	26
31	Previous exposure to dengue virus is associated with increased Zika virus burden at the maternal-fetal interface in rhesus macaques. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009641.	1.3	20
32	Embryotoxic impact of Zika virus in a rhesus macaque in vitro implantation model. <i>Biology of Reproduction</i> , 2020, 102, 806-816.	1.2	18
33	Quantitative definition of neurobehavior, vision, hearing and brain volumes in macaques congenitally exposed to Zika virus. <i>PLoS ONE</i> , 2020, 15, e0235877.	1.1	16
34	Construction and characterization of an expressed sequenced tag library for the mosquito vector <i>Armigeres subalbatus</i> . <i>BMC Genomics</i> , 2007, 8, 462.	1.2	12
35	Spondweni virus causes fetal harm in <i>Ifnar1</i> mice and is transmitted by <i>Aedes aegypti</i> mosquitoes. <i>Virology</i> , 2020, 547, 35-46.	1.1	12
36	Neonatal Development in Prenatally Zika Virus-Exposed Infant Macaques with Dengue Immunity. <i>Viruses</i> , 2021, 13, 1878.	1.5	11

#	ARTICLE	IF	CITATIONS
37	Rapid Evolution of Enhanced Zika Virus Virulence during Direct Vertebrate Transmission Chains. <i>Journal of Virology</i> , 2021, 95, .	1.5	10
38	Zika Virus Exposure in an HIV-Infected Cohort in Ghana. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 78, e35-e38.	0.9	9
39	Early Embryonic Loss Following Intravaginal Zika Virus Challenge in Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021, 12, 686437.	2.2	9
40	Reversion to ancestral Zika virus NS1 residues increases competence of <i>Aedes albopictus</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008951.	2.1	9
41	Biology and Transmission Dynamics of <i>Aedes flavivirus</i> . <i>Journal of Medical Entomology</i> , 2022, 59, 659-666.	0.9	9
42	Tracking dengue virus type 1 genetic diversity during lineage replacement in an hyperendemic area in Colombia. <i>PLoS ONE</i> , 2019, 14, e0212947.	1.1	7
43	Zika Virus Infection of Pregnant <i>IFNAR1^{−/−}</i> Mice Triggers Strain-Specific Differences in Fetal Outcomes. <i>Journal of Virology</i> , 2021, 95, e0081821.	1.5	6
44	Human immune globulin treatment controls Zika viremia in pregnant rhesus macaques. <i>PLoS ONE</i> , 2022, 17, e0266664.	1.1	4
45	Correction for Riemersma et al., "Rapid Evolution of Enhanced Zika Virus Virulence during Direct Vertebrate Transmission Chains" <i>Journal of Virology</i> , 2022, , e0050122.	1.5	0