

Matthew T Aliota

List of Publications by Citations

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

46
papers

2,033
citations

22
h-index

45
g-index

58
ext. papers

2,608
ext. citations

6.6
avg, IF

4.74
L-index

#	Paper	IF	Citations
46	A rhesus macaque model of Asian-lineage Zika virus infection. <i>Nature Communications</i> , 2016 , 7, 12204	17.4	289
45	Characterization of Lethal Zika Virus Infection in AG129 Mice. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004682	4.8	216
44	The wMel strain of Wolbachia Reduces Transmission of Zika virus by <i>Aedes aegypti</i> . <i>Scientific Reports</i> , 2016 , 6, 28792	4.9	196
43	Chloroquine, an Endocytosis Blocking Agent, Inhibits Zika Virus Infection in Different Cell Models. <i>Viruses</i> , 2016 , 8,	6.2	181
42	Highly efficient maternal-fetal Zika virus transmission in pregnant rhesus macaques. <i>PLoS Pathogens</i> , 2017 , 13, e1006378	7.6	142
41	The wMel Strain of Wolbachia Reduces Transmission of Chikungunya Virus in <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004677	4.8	118
40	Heterologous Protection against Asian Zika Virus Challenge in Rhesus Macaques. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005168	4.8	98
39	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	10.8	77
38	<i>Culex pipiens</i> and <i>Aedes triseriatus</i> Mosquito Susceptibility to Zika Virus. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1857-9	10.2	67
37	Infection via mosquito bite alters Zika virus tissue tropism and replication kinetics in rhesus macaques. <i>Nature Communications</i> , 2017 , 8, 2096	17.4	56
36	Mosquito infection responses to developing filarial worms. <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e529	4.8	53
35	Ocular and uteroplacental pathology in a macaque pregnancy with congenital Zika virus infection. <i>PLoS ONE</i> , 2018 , 13, e0190617	3.7	50
34	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	4.8	46
33	Detection of Autochthonous Zika Virus Transmission in Sincelejo, Colombia. <i>Emerging Infectious Diseases</i> , 2016 , 22, 927-9	10.2	36
32	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
31	Oropharyngeal mucosal transmission of Zika virus in rhesus macaques. <i>Nature Communications</i> , 2017 , 8, 169	17.4	34
30	Mosquito transcriptome profiles and filarial worm susceptibility in <i>Armigeres subalbatus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e666	4.8	30

29	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	3.7	29
28	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	7.6	26
27	Mosquito transcriptome changes and filarial worm resistance in <i>Armigeres subalbatus</i> . <i>BMC Genomics</i> , 2007 , 8, 463	4.5	26
26	Filarial worms reduce <i>Plasmodium</i> infectivity in mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e963	4.8	24
25	Broad-Spectrum Antiviral Strategies and Nucleoside Analogues. <i>Viruses</i> , 2021 , 13,	6.2	24
24	Molecularly barcoded Zika virus libraries to probe in vivo evolutionary dynamics. <i>PLoS Pathogens</i> , 2018 , 14, e1006964	7.6	21
23	A multi-center phase II randomized clinical trial of losartan on symptomatic outpatients with COVID-19. <i>EClinicalMedicine</i> , 2021 , 37, 100957	11.3	21
22	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	3.6	19
21	Dissecting the Role of E2 Protein Domains in Alphavirus Pathogenicity. <i>Journal of Virology</i> , 2015 , 90, 2418-33	6.6	17
20	Using Macaques to Address Critical Questions in Zika Virus Research. <i>Annual Review of Virology</i> , 2019 , 6, 481-500	14.6	13
19	Zika virus replication and cytopathic effects in liver cells. <i>PLoS ONE</i> , 2019 , 14, e0214016	3.7	12
18	Efficacy of Losartan in Hospitalized Patients With COVID-19-Induced Lung Injury: A Randomized Clinical Trial.. <i>JAMA Network Open</i> , 2022 , 5, e222735	10.4	10
17	Embryotoxic impact of Zika virus in a rhesus macaque in vitro implantation model <i>Biology of Reproduction</i> , 2020 , 102, 806-816	3.9	9
16	Construction and characterization of an expressed sequenced tag library for the mosquito vector <i>Armigeres subalbatus</i> . <i>BMC Genomics</i> , 2007 , 8, 462	4.5	7
15	Zika Virus Exposure in an HIV-Infected Cohort in Ghana. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018 , 78, e35-e38	3.1	6
14	Quantitative definition of neurobehavior, vision, hearing and brain volumes in macaques congenitally exposed to Zika virus. <i>PLoS ONE</i> , 2020 , 15, e0235877	3.7	5
13	Reversion to ancestral Zika virus NS1 residues increases competence of <i>Aedes albopictus</i> . <i>PLoS Pathogens</i> , 2020 , 16, e1008951	7.6	4
12	African-Lineage Zika Virus Replication Dynamics and Maternal-Fetal Interface Infection in Pregnant Rhesus Macaques. <i>Journal of Virology</i> , 2021 , 95, e0222020	6.6	4

11	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	4.8	3
10	Rapid evolution of enhanced Zika virus virulence during direct vertebrate transmission chains. <i>Journal of Virology</i> , 2021 ,	6.6	3
9	Tracking dengue virus type 1 genetic diversity during lineage replacement in an hyperendemic area in Colombia. <i>PLoS ONE</i> , 2019 , 14, e0212947	3.7	2
8	Early Embryonic Loss Following Intravaginal Zika Virus Challenge in Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021 , 12, 686437	8.4	2
7	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	3.6	1
6	Primary infection with dengue or Zika virus does not affect the severity of heterologous secondary infection in macaques		1
5	African-lineage Zika virus replication dynamics and maternal-fetal interface infection in pregnant rhesus macaques		1
4	Zika viruses of both African and Asian lineages cause fetal harm in a vertical transmission model		1
3	Ocular and uteroplacental pathology in macaque congenital Zika virus infection		1
2	Zika Virus Infection of Pregnant Mice Triggers Strain-Specific Differences in Fetal Outcomes. <i>Journal of Virology</i> , 2021 , 95, e0081821	6.6	1
1	Correction for Riemersma et al., "Rapid Evolution of Enhanced Zika Virus Virulence during Direct Vertebrate Transmission Chains".. <i>Journal of Virology</i> , 2022 , e0050122	6.6	