Sasha R Azar

List of Publications by Year
in descending order

37 papers	2,219 citations	331259 21 h-index	377514 34 g-index
38 all docs	38 docs citations	38 times ranked	3904 citing authors

#	Article	IF	Citations
1	Characterization of a Novel Murine Model to Study Zika Virus. American Journal of Tropical Medicine and Hygiene, 2016, 94, 1362-1369.	0.6	417
2	An Infectious cDNA Clone of Zika Virus to Study Viral Virulence, Mosquito Transmission, and Antiviral Inhibitors. Cell Host and Microbe, 2016, 19, 891-900.	5.1	252
3	Impact of preexisting dengue immunity on Zika virus emergence in a dengue endemic region. Science, 2019, 363, 607-610.	6.0	202
4	Outbreak of Zika Virus Infection, Chiapas State, Mexico, 2015, and First Confirmed Transmission byAedes aegyptiMosquitoes in the Americas. Journal of Infectious Diseases, 2016, 214, 1349-1356.	1.9	173
5	Variation inAedes aegyptiMosquito Competence for Zika Virus Transmission. Emerging Infectious Diseases, 2017, 23, 625-632.	2.0	147
6	Differential Responses of Human Fetal Brain Neural Stem Cells to Zika Virus Infection. Stem Cell Reports, 2017, 8, 715-727.	2.3	115
7	Cross-talk among flesh-eatingAeromonas hydrophilastrains in mixed infection leading to necrotizing fasciitis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 722-727.	3.3	113
8	Envelope protein ubiquitination drives entry and pathogenesis of Zika virus. Nature, 2020, 585, 414-419.	13.7	82
9	Differential Vector Competency of Aedes albopictus Populations from the Americas for Zika Virus. American Journal of Tropical Medicine and Hygiene, 2017, 97, 330-339.	0.6	72
10	Insect-Specific Viruses. Advances in Virus Research, 2017, 98, 119-146.	0.9	58
11	A Zika virus envelope mutation preceding the 2015 epidemic enhances virulence and fitness for transmission. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20190-20197.	3.3	53
12	Viral Retinopathy in Experimental Models of Zika Infection. , 2017, 58, 4355.		50
13	Vector Competence: What Has Zika Virus Taught Us?. Viruses, 2019, 11, 867.	1.5	45
14	Immunogenicity and Efficacy of a Measles Virus-Vectored Chikungunya Vaccine in Nonhuman Primates. Journal of Infectious Diseases, 2019, 220, 735-742.	1.9	45
15	Experimental Zika Virus Infection of Neotropical Primates. American Journal of Tropical Medicine and Hygiene, 2018, 98, 173-177.	0.6	38
16	Zika Virus Vector Competency of Mosquitoes, Gulf Coast, United States. Emerging Infectious Diseases, 2017, 23, 559-560.	2.0	37
17	Effects of Chikungunya virus immunity on Mayaro virus disease and epidemic potential. Scientific Reports, 2019, 9, 20399.	1.6	35
18	A single dose of ChAdOx1 Chik vaccine induces neutralizing antibodies against four chikungunya virus lineages in a phase 1 clinical trial. Nature Communications, 2021, 12, 4636.	5.8	31

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19	Role of mutational reversions and fitness restoration in Zika virus spread to the Americas. Nature Communications, 2021, 12, 595.	5.8	29
20	Epidemic Alphaviruses: Ecology, Emergence and Outbreaks. Microorganisms, 2020, 8, 1167.	1.6	28
21	Lack of evidence for Zika virus transmission by Culex mosquitoes. Emerging Microbes and Infections, 2017, 6, 1-2.	3.0	24
22	Transient Hearing Loss in Adults Associated with Zika Virus Infection. Clinical Infectious Diseases, 2016, 64, ciw770.	2.9	23
23	Colonized Sabethes cyaneus, a Sylvatic New World Mosquito Species, Shows a Low Vector Competence for Zika Virus Relative to Aedes aegypti. Viruses, 2018, 10, 434.	1.5	23
24	A Single and Un-Adjuvanted Dose of a Chimpanzee Adenovirus-Vectored Vaccine against Chikungunya Virus Fully Protects Mice from Lethal Disease. Pathogens, 2019, 8, 231.	1.2	21
25	Adenoviral-Vectored Mayaro and Chikungunya Virus Vaccine Candidates Afford Partial Cross-Protection From Lethal Challenge in A129 Mouse Model. Frontiers in Immunology, 2020, 11, 591885.	2.2	19
26	SARS-CoV-2 Infects Hamster Testes. Microorganisms, 2021, 9, 1318.	1.6	19
27	Naturally infected Aedes aegypti collected during a Zika virus outbreak have viral titres consistent with transmission. Emerging Microbes and Infections, 2019, 8, 242-244.	3.0	14
28	Support for the Transmission-Clearance Trade-Off Hypothesis from a Study of Zika Virus Delivered by Mosquito Bite to Mice. Viruses, 2019, 11, 1072.	1.5	11
29	Old Drugs with New Tricks: Efficacy of Fluoroquinolones to Suppress Replication of Flaviviruses. Viruses, 2020, 12, 1022.	1.5	11
30	ZIKV Demonstrates Minimal Pathologic Effects and Mosquito Infectivity in Viremic Cynomolgus Macaques. Viruses, 2018, 10, 661.	1.5	9
31	Evolution of resistance to fluoroquinolones by dengue virus serotype 4 provides insight into mechanism of action and consequences for viral fitness. Virology, 2021, 552, 94-106.	1.1	9
32	Identification of Mosquito Bloodmeals Collected in Diverse Habitats in Malaysian Borneo Using COI Barcoding. Tropical Medicine and Infectious Disease, 2020, 5, 51.	0.9	7
33	Aedes aegypti Shows Increased Susceptibility to Zika Virus via Both In Vitro and In Vivo Models of Type II Diabetes. Viruses, 2022, 14, 665.	1.5	3
34	Reversible sensory polyneuropathy during an arboviral outbreak in Salvador, Bahia, Brazil. Journal of the Neurological Sciences, 2018, 391, 3-4.	0.3	1
35	Vector Competence Analyses on Aedes aegypti Mosquitoes using Zika Virus. Journal of Visualized Experiments, 2020, , .	0.2	1
36	Venezuelan Equine Encephalitis Virus V3526 Vaccine RNA-Dependent RNA Polymerase Mutants Increase Vaccine Safety Through Restricted Tissue Tropism in a Mouse Model. Zoonoses, 2022, 2, .	0.5	1

#	Article	IF	Citations
37	Zika Virus (Flaviviridae). , 2021, , 899-909.		0