

Konstantin A Tsetsarkin

List of Publications by Citations

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17
papers

2,227
citations

15
h-index

17
g-index

17
ext. papers

2,543
ext. citations

8.7
avg, IF

4.72
L-index

#	Paper	IF	Citations
17	A single mutation in chikungunya virus affects vector specificity and epidemic potential. <i>PLoS Pathogens</i> , 2007 , 3, e201	7.6	979
16	Sequential adaptive mutations enhance efficient vector switching by Chikungunya virus and its epidemic emergence. <i>PLoS Pathogens</i> , 2011 , 7, e1002412	7.6	190
15	Chikungunya virus emergence is constrained in Asia by lineage-specific adaptive landscapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 7872-7	11.5	169
14	Epistatic roles of E2 glycoprotein mutations in adaption of chikungunya virus to <i>Aedes albopictus</i> and <i>Ae. aegypti</i> mosquitoes. <i>PLoS ONE</i> , 2009 , 4, e6835	3.7	156
13	Infectious clones of Chikungunya virus (La Réunion isolate) for vector competence studies. <i>Vector-Borne and Zoonotic Diseases</i> , 2006 , 6, 325-37	2.4	152
12	Multi-peaked adaptive landscape for chikungunya virus evolution predicts continued fitness optimization in <i>Aedes albopictus</i> mosquitoes. <i>Nature Communications</i> , 2014 , 5, 4084	17.4	150
11	Chikungunya virus: evolution and genetic determinants of emergence. <i>Current Opinion in Virology</i> , 2011 , 1, 310-7	7.5	118
10	A Full-Length Infectious cDNA Clone of Zika Virus from the 2015 Epidemic in Brazil as a Genetic Platform for Studies of Virus-Host Interactions and Vaccine Development. <i>MBio</i> , 2016 , 7,	7.8	96
9	Role of the yellow fever virus structural protein genes in viral dissemination from the <i>Aedes aegypti</i> mosquito midgut. <i>Journal of General Virology</i> , 2006 , 87, 2993-3001	4.9	42
8	A novel live-attenuated vaccine candidate for mayaro Fever. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2969	4.8	41
7	Characterization of an infectious clone of the wild-type yellow fever virus Asibi strain that is able to infect and disseminate in mosquitoes. <i>Journal of General Virology</i> , 2005 , 86, 1747-1751	4.9	35
6	Chikungunya virus adaptation to <i>Aedes albopictus</i> mosquitoes does not correlate with acquisition of cholesterol dependence or decreased pH threshold for fusion reaction. <i>Virology Journal</i> , 2011 , 8, 376	6.1	27
5	Routes of Zika virus dissemination in the testis and epididymis of immunodeficient mice. <i>Nature Communications</i> , 2018 , 9, 5350	17.4	21
4	Photochemical inactivation of chikungunya virus in human apheresis platelet components by amotosalen and UVA light. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013 , 88, 1163-9	3.2	20
3	Kissing-loop interaction between 5' and 3' ends of tick-borne Langkat virus genome bridges the gap between mosquito- and tick-borne flaviviruses in mechanisms of viral RNA cyclization: applications for virus attenuation and vaccine development. <i>Nucleic Acids Research</i> , 2016 , 44, 3330-50	20.1	16
2	Zika virus tropism during early infection of the testicular interstitium and its role in viral pathogenesis in the testes. <i>PLoS Pathogens</i> , 2020 , 16, e1008601	7.6	12
1	Epididymal epithelium propels early sexual transmission of Zika virus in the absence of interferon signaling. <i>Nature Communications</i> , 2021 , 12, 2469	17.4	3

