

Konstantin A Tsetsarkin

List of Publications by Year in descending order

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2,726
citations

516710

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888059

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docs citations

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times ranked

3102
citing authors

#	ARTICLE	IF	CITATIONS
1	A Single Mutation in Chikungunya Virus Affects Vector Specificity and Epidemic Potential. PLoS Pathogens, 2007, 3, e201.	4.7	1,228
2	Sequential Adaptive Mutations Enhance Efficient Vector Switching by Chikungunya Virus and Its Epidemic Emergence. PLoS Pathogens, 2011, 7, e1002412.	4.7	219
3	Chikungunya virus emergence is constrained in Asia by lineage-specific adaptive landscapes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7872-7877.	7.1	206
4	Epistatic Roles of E2 Glycoprotein Mutations in Adaption of Chikungunya Virus to Aedes Albopictus and Ae. Aegypti Mosquitoes. PLoS ONE, 2009, 4, e6835.	2.5	184
5	Infectious Clones of Chikungunya Virus (La Réunion Isolate) for Vector Competence Studies. Vector-Borne and Zoonotic Diseases, 2006, 6, 325-337.	1.5	183
6	Multi-peaked adaptive landscape for chikungunya virus evolution predicts continued fitness optimization in Aedes albopictus mosquitoes. Nature Communications, 2014, 5, 4084.	12.8	179
7	Chikungunya virus: evolution and genetic determinants of emergence. Current Opinion in Virology, 2011, 1, 310-317.	5.4	137
8	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. MBio, 2016, 7, .	4.1	118
9	A Novel Live-Attenuated Vaccine Candidate for Mayaro Fever. PLoS Neglected Tropical Diseases, 2014, 8, e2969.	3.0	48
10	Role of the yellow fever virus structural protein genes in viral dissemination from the Aedes aegypti mosquito midgut. Journal of General Virology, 2006, 87, 2993-3001.	2.9	47
11	Characterization of an infectious clone of the wild-type yellow fever virus Asibi strain that is able to infect and disseminate in mosquitoes. Journal of General Virology, 2005, 86, 1747-1751.	2.9	39
12	Chikungunya virus adaptation to Aedes albopictus mosquitoes does not correlate with acquisition of cholesterol dependence or decreased pH threshold for fusion reaction. Virology Journal, 2011, 8, 376.	3.4	38
13	Routes of Zika virus dissemination in the testis and epididymis of immunodeficient mice. Nature Communications, 2018, 9, 5350.	12.8	29
14	Photochemical Inactivation of Chikungunya Virus in Human Apheresis Platelet Components by Amotosalen and UVA Light. American Journal of Tropical Medicine and Hygiene, 2013, 88, 1163-1169.	1.4	25
15	Zika virus tropism during early infection of the testicular interstitium and its role in viral pathogenesis in the testes. PLoS Pathogens, 2020, 16, e1008601.	4.7	21
16	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. Nucleic Acids Research, 2016, 44, 3330-3350.	14.5	19
17	Epididymal epithelium propels early sexual transmission of Zika virus in the absence of interferon signaling. Nature Communications, 2021, 12, 2469.	12.8	6