

Konstantin A Tsetsarkin

List of Publications by Year in Descending Order

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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.

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 | 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 |
| 16 | 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 |
| 15 | Routes of Zika virus dissemination in the testis and epididymis of immunodeficient mice. <i>Nature Communications</i> , 2018 , 9, 5350 | 17.4 | 21 |
| 14 | 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 |
| 13 | 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 |
| 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 | A novel live-attenuated vaccine candidate for mayaro Fever. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2969 | 4.8 | 41 |
| 10 | 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 |
| 9 | Chikungunya virus: evolution and genetic determinants of emergence. <i>Current Opinion in Virology</i> , 2011 , 1, 310-7 | 7.5 | 118 |
| 8 | 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 |
| 7 | 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 |
| 6 | Sequential adaptive mutations enhance efficient vector switching by Chikungunya virus and its epidemic emergence. <i>PLoS Pathogens</i> , 2011 , 7, e1002412 | 7.6 | 190 |
| 5 | Epistatic roles of E2 glycoprotein mutations in adaptation of chikungunya virus to <i>Aedes albopictus</i> and <i>Ae. aegypti</i> mosquitoes. <i>PLoS ONE</i> , 2009 , 4, e6835 | 3.7 | 156 |
| 4 | A single mutation in chikungunya virus affects vector specificity and epidemic potential. <i>PLoS Pathogens</i> , 2007 , 3, e201 | 7.6 | 979 |
| 3 | 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 |
| 2 | 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 |
| 1 | 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 |

