Kathryn A Hanley

List of Publications by Year
in descending order

48 papers	2,043 citations	257450 24 h-index	254184 43 g-index
49 all docs	49 docs citations	49 times ranked	3350 citing authors

#	Article	IF	Citations
1	Aedes aegypti Shows Increased Susceptibility to Zika Virus via Both In Vitro and In Vivo Models of Type II Diabetes. Viruses, 2022, 14, 665.	3.3	3
2	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.	2.4	9
3	Shifts in mosquito diversity and abundance along a gradient from oil palm plantations to conterminous forests in Borneo. Ecosphere, 2021, 12, e03463.	2.2	11
4	Vector Surveillance, Host Species Richness, and Demographic Factors as West Nile Disease Risk Indicators. Viruses, 2021, 13, 934.	3.3	8
5	Lack of Evidence of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Spillover in Free-Living Neotropical Non-Human Primates, Brazil. Viruses, 2021, 13, 1933.	3.3	7
6	Integrating Spatiotemporal Epidemiology, Eco-Phylogenetics, and Distributional Ecology to Assess West Nile Disease Risk in Horses. Viruses, 2021, 13, 1811.	3.3	2
7	Surveillance along the Rio Grande during the 2020 Vesicular Stomatitis Outbreak Reveals Spatio-Temporal Dynamics of and Viral RNA Detection in Black Flies. Pathogens, 2021, 10, 1264.	2.8	4
8	Microclimate and the vertical stratification of potential bridge vectors of mosquitoâ€'borne viruses captured by nets and ovitraps in a central Amazonian forest bordering Manaus, Brazil. Scientific Reports, 2021, 11, 21129.	3.3	6
9	The vertical stratification of potential bridge vectors of mosquito-borne viruses in a central Amazonian forest bordering Manaus, Brazil. Scientific Reports, 2020, 10, 18254.	3.3	27
10	Ecological processes underlying the emergence of novel enzootic cycles: Arboviruses in the neotropics as a case study. PLoS Neglected Tropical Diseases, 2020, 14, e0008338.	3.0	19
11	Old Drugs with New Tricks: Efficacy of Fluoroquinolones to Suppress Replication of Flaviviruses. Viruses, 2020, 12, 1022.	3.3	11
12	Into the woods: Changes in mosquito community composition and presence of key vectors at increasing distances from the urban edge in urban forest parks in Manaus, Brazil. Acta Tropica, 2020, 206, 105441.	2.0	39
13	Programmable CRISPR interference for gene silencing using Cas13a in mosquitoes. Journal of Genomics, 2020, 8, 30-36.	0.9	4
14	Evolutionary consequences of feedbacks between within-host competition and disease control. Evolution, Medicine and Public Health, 2020, 2020, 30-34.	2.5	7
15	Identification of Mosquito Bloodmeals Collected in Diverse Habitats in Malaysian Borneo Using COI Barcoding. Tropical Medicine and Infectious Disease, 2020, 5, 51.	2.3	7
16	Endless Forms: Within-Host Variation in the Structure of the West Nile Virus RNA Genome during Serial Passage in Bird Hosts. MSphere, 2019, 4, .	2.9	5
17	Schlafen 11 Restricts Flavivirus Replication. Journal of Virology, 2019, 93, .	3.4	34
18	Widespread insecticide resistance in Aedes aegypti L. from New Mexico, U.S.A.. PLoS ONE, 2019, 14, e0212693.	2.5	39

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19	Support for the Transmission-Clearance Trade-Off Hypothesis from a Study of Zika Virus Delivered by Mosquito Bite to Mice. Viruses, 2019, 11, 1072.	3.3	11
20	Biodiversity Pattern of Mosquitoes in Southeastern Senegal, Epidemiological Implication in Arbovirus and Malaria Transmission. Journal of Medical Entomology, 2019, 56, 453-463.	1.8	10
21	Congenital Zika virus infection as a silent pathology with loss of neurogenic output in the fetal brain. Nature Medicine, 2018, 24, 368-374.	30.7	117
22	Role of monkeys in the sylvatic cycle of chikungunya virus in Senegal. Nature Communications, 2018, 9, 1046.	12.8	56
23	Chikungunya Outbreak in Kedougou, Southeastern Senegal in 2009â€“2010. Open Forum Infectious Diseases, 2018, 5, ofx259.	0.9	24
24	The Effect of SkitoSnack, an Artificial Blood Meal Replacement, on Aedes aegypti Life History Traits and Gut Microbiota. Scientific Reports, 2018, 8, 11023.	3.3	28
25	Ecological niche modeling of Aedes mosquito vectors of chikungunya virus in southeastern Senegal. Parasites and Vectors, 2018, 11, 255.	2.5	35
26	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.	3.3	23
27	PacBio-Based Mitochondrial Genome Assembly of Leucaena trichandra (Leguminosae) and an Intrageneric Assessment of Mitochondrial RNA Editing. Genome Biology and Evolution, 2018, 10, 2501-2517.	2.5	49
28	Characterization of Three New Insect-Specific Flaviviruses: Their Relationship to the Mosquito-Borne Flavivirus Pathogens. American Journal of Tropical Medicine and Hygiene, 2018, 98, 410-419.	1.4	45
29	Abundance and distribution of sylvatic dengue virus vectors in three different land cover types in Sarawak, Malaysian Borneo. Parasites and Vectors, 2017, 10, 406.	2.5	42
30	Dengue virus serotype 2 infection alters midgut and carcass gene expression in the Asian tiger mosquito, Aedes albopictus. PLoS ONE, 2017, 12, e0171345.	2.5	32
31	Differential Vector Competency of Aedes albopictus Populations from the Americas for Zika Virus. American Journal of Tropical Medicine and Hygiene, 2017, 97, 330-339.	1.4	72
32	Potential for Zika Virus to Establish a Sylvatic Transmission Cycle in the Americas. PLoS Neglected Tropical Diseases, 2016, 10, e0005055.	3.0	89
33	The tortoise or the hare? Impacts of within-host dynamics on transmission success of arthropod-borne viruses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140299.	4.0	46
34	Modulation of Flavivirus Population Diversity by RNA Interference. Journal of Virology, 2015, 89, 4035-4039.	3.4	36
35	Repertoire of virus-derived small RNAs produced by mosquito and mammalian cells in response to dengue virus infection. Virology, 2015, 476, 54-60.	2.4	13
36	Impact of Climate and Mosquito Vector Abundance on Sylvatic Arbovirus Circulation Dynamics in Senegal. American Journal of Tropical Medicine and Hygiene, 2015, 92, 88-97.	1.4	80

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37	Zika Virus Emergence in Mosquitoes in Southeastern Senegal, 2011. PLoS ONE, 2014, 9, e109442.	2.5	275
38	Infection Dynamics of Sylvatic Dengue Virus in a Natural Primate Host, the African Green Monkey. American Journal of Tropical Medicine and Hygiene, 2014, 91, 672-676.	1.4	20
39	Lineage II of Southeast Asian/American DENV-2 is Associated with a Severe Dengue Outbreak in the Peruvian Amazon. American Journal of Tropical Medicine and Hygiene, 2014, 91, 611-620.	1.4	50
40	Patterns of a Sylvatic Yellow Fever Virus Amplification in Southeastern Senegal, 2010. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1003-1013.	1.4	28
41	Fever versus fever: The role of host and vector susceptibility and interspecific competition in shaping the current and future distributions of the sylvatic cycles of dengue virus and yellow fever virus. Infection, Genetics and Evolution, 2013, 19, 292-311.	2.3	152
42	Replacement of conserved or variable sequences of the mosquito-borne dengue virus 3â€² UTR with homologous sequences from Modoc virus does not change infectivity for mosquitoes. Journal of General Virology, 2013, 94, 783-788.	2.9	10
43	The Double-Edged Sword: How Evolution Can Make or Break a Live-Attenuated Virus Vaccine. Evolution: Education and Outreach, 2011, 4, 635-643.	0.8	88
44	Mosquitoes Put the Brake on Arbovirus Evolution: Experimental Evolution Reveals Slower Mutation Accumulation in Mosquito Than Vertebrate Cells. PLoS Pathogens, 2009, 5, e1000467.	4.7	146
45	ORIGINAL ARTICLE: Coinfection rates in Ï†6 bacteriophage are enhanced by virusâ€induced changes in host cells. Evolutionary Applications, 2009, 2, 24-31.	3.1	10
46	Superior infectivity for mosquito vectors contributes to competitive displacement among strains of dengue virus. BMC Ecology, 2008, 8, 1.	3.0	103
47	Secondary structure of dengue virus type 4 3â€² untranslated region: impact of deletion and substitution mutations. Journal of General Virology, 2006, 87, 3291-3296.	2.9	40
48	A trade-off in replication in mosquito versus mammalian systems conferred by a point mutation in the NS4B protein of dengue virus type 4. Virology, 2003, 312, 222-232.	2.4	69