Yan-Jang S Huang

List of Publications by Year
in descending order

38 papers	2,409 citations	331259 21 h-index	315357 38 g-index
40 all docs	40 docs citations	40 times ranked	4114 citing authors

#	Article	IF	Citations
1	Zika virus protection by a single low-dose nucleoside-modified mRNA vaccination. Nature, 2017, 543, 248-251.	13.7	699
2	Rapid development of a DNA vaccine for Zika virus. Science, 2016, 354, 237-240.	6.0	348
3	Flavivirus-Mosquito Interactions. Viruses, 2014, 6, 4703-4730.	1.5	136
4	Prior Exposure to Zika Virus Significantly Enhances Peak Dengue-2 Viremia in Rhesus Macaques. Scientific Reports, 2017, 7, 10498.	1.6	121
5	Chikungunya Virus Transmission Potential by Local Aedes Mosquitoes in the Americas and Europe. PLoS Neglected Tropical Diseases, 2015, 9, e0003780.	1.3	99
6	Biological Control Strategies for Mosquito Vectors of Arboviruses. Insects, 2017, 8, 21.	1.0	99
7	The Intestinal Microbiome Restricts Alphavirus Infection and Dissemination through a Bile Acid-Type I IFN Signaling Axis. Cell, 2020, 182, 901-918.e18.	13.5	98
8	Emergence and re-emergence of mosquito-borne arboviruses. Current Opinion in Virology, 2019, 34, 104-109.	2.6	84
9	Arbovirus-Mosquito Vector-Host Interactions and the Impact on Transmission and Disease Pathogenesis of Arboviruses. Frontiers in Microbiology, 2019, 10, 22.	1.5	74
10	Chikungunya Viruses That Escape Monoclonal Antibody Therapy Are Clinically Attenuated, Stable, and Not Purified in Mosquitoes. Journal of Virology, 2014, 88, 8213-8226.	1.5	67
11	<i>Culex</i>Species Mosquitoes and Zika Virus. Vector-Borne and Zoonotic Diseases, 2016, 16, 673-676.	0.6	63
12	<i>Aedes albopictus</i>(Diptera: Culicidae) and Mosquito-Borne Viruses in the United States: Table 1.. Journal of Medical Entomology, 2016, 53, 1024-1028.	0.9	43
13	A virus-like particle vaccine prevents equine encephalitis virus infection in nonhuman primates. Science Translational Medicine, 2019, 11, .	5.8	42
14	A Recombinant Subunit Based Zika Virus Vaccine Is Efficacious in Non-human Primates. Frontiers in Immunology, 2018, 9, 2464.	2.2	36
15	North American Culex pipiens and Culex quinquefasciatus are competent vectors for Usutu virus. PLoS Neglected Tropical Diseases, 2018, 12, e0006732.	1.3	34
16	Differential Infectivities among Different Japanese Encephalitis Virus Genotypes in Culex quinquefasciatus Mosquitoes. PLoS Neglected Tropical Diseases, 2016, 10, e0005038.	1.3	34
17	Susceptibility of a North American<i>Culex quinquefasciatus</i>to Japanese Encephalitis Virus. Vector-Borne and Zoonotic Diseases, 2015, 15, 709-711.	0.6	32
18	North American domestic pigs are susceptible to experimental infection with Japanese encephalitis virus. Scientific Reports, 2018, 8, 7951.	1.6	32

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19	Virus-specific thermostability and heat inactivation profiles of alphaviruses. Journal of Virological Methods, 2016, 234, 152-155.	1.0	29
20	SARS-CoV-2 failure to infect or replicate in mosquitoes: an extreme challenge. Scientific Reports, 2020, 10, 11915.	1.6	27
21	Inactivation of chikungunya virus in blood components treated with amotosalen/ultraviolet <scp>A</scp> light or amustaline/glutathione. Transfusion, 2018, 58, 748-757.	0.8	25
22	Shedding of Japanese Encephalitis Virus in Oral Fluid of Infected Swine. Vector-Borne and Zoonotic Diseases, 2018, 18, 469-474.	0.6	23
23	Zika convalescent macaques display delayed induction of anamnestic cross-neutralizing antibody responses after dengue infection. Emerging Microbes and Infections, 2018, 7, 1-11.	3.0	20
24	Temperature Tolerance and Inactivation of Chikungunya Virus. Vector-Borne and Zoonotic Diseases, 2015, 15, 674-677.	0.6	18
25	Simultaneous Coinfection of Macaques with Zika and Dengue Viruses Does not Enhance Acute Plasma Viremia but Leads to Activation of Monocyte Subsets and Biphasic Release of Pro-inflammatory Cytokines. Scientific Reports, 2019, 9, 7877.	1.6	15
26	Re-Examining the Importance of Pigs in the Transmission of Japanese Encephalitis Virus. Pathogens, 2022, 11, 575.	1.2	15
27	Mutagenesis analysis of T380R mutation in the envelope protein of yellow fever virus. Virology Journal, 2014, 11, 60.	1.4	14
28	Culex tarsalis is a competent vector species for Cache Valley virus. Parasites and Vectors, 2018, 11, 519.	1.0	14
29	Differential outcomes of Zika virus infection in Aedes aegypti orally challenged with infectious blood meals and infectious protein meals. PLoS ONE, 2017, 12, e0182386.	1.1	13
30	Infection and transmission of Cache Valley virus by Aedes albopictus and Aedes aegypti mosquitoes. Parasites and Vectors, 2019, 12, 384.	1.0	13
31	Development of reverse genetics systems and investigation of host response antagonism and reassortment potential for Cache Valley and Kairi viruses, two emerging orthobunyaviruses of the Americas. PLoS Neglected Tropical Diseases, 2018, 12, e0006884.	1.3	12
32	Treatment with dry hydrogen peroxide accelerates the decay of severe acute syndrome coronavirus-2 on non-porous hard surfaces. American Journal of Infection Control, 2021, 49, 1252-1255.	1.1	9
33	Protection of swine by potent neutralizing anti-Japanese encephalitis virus monoclonal antibodies derived from vaccination. Antiviral Research, 2020, 174, 104675.	1.9	5
34	Impact of yellow fever virus envelope protein on wild-type and vaccine epitopes and tissue tropism. Npj Vaccines, 2022, 7, 39.	2.9	4
35	Application of a Nonpaper Based Matrix to Preserve Chikungunya Virus Infectivity at Ambient Temperature. Vector-Borne and Zoonotic Diseases, 2018, 18, 278-281.	0.6	3
36	Complete Coding Sequence of Western Equine Encephalitis Virus Strain Fleming, Isolated from a Human Case. Microbiology Resource Announcements, 2020, 9, .	0.3	3

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37	Inactivation of SARS-CoV-2 in All Blood Components Using Amotosalen/Ultraviolet A Light and Amustaline/Glutathione Pathogen Reduction Technologies. Pathogens, 2022, 11, 521.	1.2	3
38	SARS-CoV-2 and Arthropods: A Review. Viruses, 2022, 14, 985.	1.5	1