

Ann M Powers

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

4,332
citations

331259

21
h-index

476904

29
g-index

32
all docs

32
docs citations

32
times ranked

5211
citing authors

#	ARTICLE	IF	CITATIONS
1	Zika Virus. <i>New England Journal of Medicine</i> , 2016, 374, 1552-1563.	13.9	1,053
2	Changing patterns of chikungunya virus: re-emergence of a zoonotic arbovirus. <i>Journal of General Virology</i> , 2007, 88, 2363-2377.	1.3	635
3	Chikungunya Fever: An Epidemiological Review of a Re-emerging Infectious Disease. <i>Clinical Infectious Diseases</i> , 2009, 49, 942-948.	2.9	557
4	Re-emergence of chikungunya and oâ€™nyong-nyong viruses: evidence for distinct geographical lineages and distant evolutionary relationships. <i>Microbiology (United Kingdom)</i> , 2000, 81, 471-479.	0.7	504
5	SEROPREVALENCE OF CHIKUNGUNYA VIRUS INFECTION ON GRANDE COMORE ISLAND, UNION OF THE COMOROS, 2005. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1189-1193.	0.6	168
6	<i>Aedes hensilli</i> as a Potential Vector of Chikungunya and Zika Viruses. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3188.	1.3	156
7	Novel Chikungunya Vaccine Candidate with an IRES-Based Attenuation and Host Range Alteration Mechanism. <i>PLoS Pathogens</i> , 2011, 7, e1002142.	2.1	148
8	Attenuation of Chikungunya Virus Vaccine Strain 181/Clone 25 Is Determined by Two Amino Acid Substitutions in the E2 Envelope Glycoprotein. <i>Journal of Virology</i> , 2012, 86, 6084-6096.	1.5	142
9	Vaccine and Therapeutic Options To Control Chikungunya Virus. <i>Clinical Microbiology Reviews</i> , 2018, 31, .	5.7	102
10	Chikungunya: epidemiology. <i>F1000Research</i> , 2016, 5, 82.	0.8	100
11	Seroprevalence of Chikungunya virus infection on Grande Comore Island, union of the Comoros, 2005. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1189-93.	0.6	88
12	Cross-protective immunity against oâ€™nyong-nyong virus afforded by a novel recombinant chikungunya vaccine. <i>Vaccine</i> , 2012, 30, 4638-4643.	1.7	83
13	Entomologic Investigations of a Chikungunya Virus Epidemic in the Union of the Comoros, 2005. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 77-82.	0.6	73
14	Probing the attenuation and protective efficacy of a candidate chikungunya virus vaccine in mice with compromised interferon (IFN) signaling. <i>Vaccine</i> , 2011, 29, 3067-3073.	1.7	65
15	The global epidemiology of chikungunya from 1999 to 2020: A systematic literature review to inform the development and introduction of vaccines. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010069.	1.3	65
16	Chikungunya. <i>Clinics in Laboratory Medicine</i> , 2010, 30, 209-219.	0.7	61
17	Utility of IgM ELISA, TaqMan real-time PCR, reverse transcription PCR, and RTâ€™LAMP assay for the diagnosis of Chikungunya fever. <i>Journal of Medical Virology</i> , 2012, 84, 1771-1778.	2.5	51
18	O'nyong nyong Virus Molecular Determinants of Unique Vector Specificity Reside in Non-Structural Protein 3. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e1931.	1.3	51

#	ARTICLE	IF	CITATIONS
19	Search strategy has influenced the discovery rate of human viruses. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13961-13964.	3.3	47
20	Genetic relationships among Mayaro and Una viruses suggest distinct patterns of transmission. American Journal of Tropical Medicine and Hygiene, 2006, 75, 461-9.	0.6	45
21	Genomic evolution and phenotypic distinctions of Chikungunya viruses causing the Indian Ocean outbreak. Experimental Biology and Medicine, 2011, 236, 909-914.	1.1	26
22	Chikungunya virus control: is a vaccine on the horizon?. Lancet, The, 2014, 384, 2008-2009.	6.3	22
23	Prevalence and clinical presentation of Rickettsia, Coxiella, Leptospira, Bartonella and chikungunya virus infections among hospital-based febrile patients from December 2008 to November 2009 in Bangladesh. BMC Infectious Diseases, 2017, 17, 141.	1.3	21
24	Liposome-Antigen-Nucleic Acid Complexes Protect Mice from Lethal Challenge with Western and Eastern Equine Encephalitis Viruses. Journal of Virology, 2014, 88, 1771-1780.	1.5	18
25	How Chikungunya Virus Virology Affects Its Epidemiology and Transmission: Implications for Influencing Public Health. Journal of Infectious Diseases, 2016, 214, S449-S452.	1.9	13
26	Chikungunya virus outbreak expansion and microevolutionary events affecting epidemiology and epidemic potential. Research and Reports in Tropical Medicine, 0, , 11.	2.8	12
27	A decade of arboviral activity—Lessons learned from the trenches. PLoS Neglected Tropical Diseases, 2017, 11, e0005421.	1.3	8
28	Resurgence of Interest in Eastern Equine Encephalitis Virus Vaccine Development. Journal of Medical Entomology, 2022, 59, 20-26.	0.9	7
29	Analysis of CHIKV in Mosquitoes Infected via Artificial Blood Meal. Methods in Molecular Biology, 2016, 1426, 129-142.	0.4	5
30	Licensed chikungunya virus vaccine: a possibility?. Lancet, The, 2018, 392, 2660-2661.	6.3	5
31	Alphaviruses: Equine Encephalitis and Others. , 2014, , 123-145.		1
32	Epidemiological History of Chikungunya Virus. , 2016, , 33-44.		0