

Stephen S Whitehead

List of Publications by Citations

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32
papers

2,044
citations

21
h-index

33
g-index

33
ext. papers

2,450
ext. citations

10.9
avg, IF

4.4
L-index

#	Paper	IF	Citations
32	Prospects for a dengue virus vaccine. <i>Nature Reviews Microbiology</i> , 2007 , 5, 518-28	22.2	434
31	The live attenuated dengue vaccine TV003 elicits complete protection against dengue in a human challenge model. <i>Science Translational Medicine</i> , 2016 , 8, 330ra36	17.5	153
30	Dengue viruses cluster antigenically but not as discrete serotypes. <i>Science</i> , 2015 , 349, 1338-43	33.3	139
29	The human CD8+ T cell responses induced by a live attenuated tetravalent dengue vaccine are directed against highly conserved epitopes. <i>Journal of Virology</i> , 2015 , 89, 120-8	6.6	118
28	A single dose of any of four different live attenuated tetravalent dengue vaccines is safe and immunogenic in flavivirus-naïve adults: a randomized, double-blind clinical trial. <i>Journal of Infectious Diseases</i> , 2013 , 207, 957-65	7	114
27	rDEN4delta30, a live attenuated dengue virus type 4 vaccine candidate, is safe, immunogenic, and highly infectious in healthy adult volunteers. <i>Journal of Infectious Diseases</i> , 2005 , 191, 710-8	7	112
26	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
25	Development and clinical evaluation of multiple investigational monovalent DENV vaccines to identify components for inclusion in a live attenuated tetravalent DENV vaccine. <i>Vaccine</i> , 2011 , 29, 7242-50	4.5	86
24	rDEN2/4Delta30(ME), a live attenuated chimeric dengue serotype 2 vaccine is safe and highly immunogenic in healthy dengue-naïve adults. <i>Hum Vaccin</i> , 2006 , 2, 255-60		80
23	Development of a live attenuated dengue virus vaccine using reverse genetics. <i>Viral Immunology</i> , 2006 , 19, 10-32	1.7	80
22	The live attenuated dengue serotype 1 vaccine rDEN1Delta30 is safe and highly immunogenic in healthy adult volunteers. <i>Hum Vaccin</i> , 2006 , 2, 167-73		79
21	Neutralizing human monoclonal antibodies prevent Zika virus infection in macaques. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	69
20	Human CD4 T Cell Responses to an Attenuated Tetravalent Dengue Vaccine Parallel Those Induced by Natural Infection in Magnitude, HLA Restriction, and Antigen Specificity. <i>Journal of Virology</i> , 2017 , 91,	6.6	59
19	Vaccine candidates derived from a novel infectious cDNA clone of an American genotype dengue virus type 2. <i>BMC Infectious Diseases</i> , 2004 , 4, 39	4	54
18	Viridot: An automated virus plaque (immunofocus) counter for the measurement of serological neutralizing responses with application to dengue virus. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006862	4.8	52
17	Fetal demise and failed antibody therapy during Zika virus infection of pregnant macaques. <i>Nature Communications</i> , 2018 , 9, 1624	17.4	50
16	Mapping the Human Memory B Cell and Serum Neutralizing Antibody Responses to Dengue Virus Serotype 4 Infection and Vaccination. <i>Journal of Virology</i> , 2017 , 91,	6.6	37

15	Dengue human infection models to advance dengue vaccine development. <i>Vaccine</i> , 2015 , 33, 7075-82	4.1	36
14	Vaccination of volunteers with low-dose, live-attenuated, dengue viruses leads to serotype-specific immunologic and virologic profiles. <i>Vaccine</i> , 2013 , 31, 3347-52	4.1	29
13	Genetic Variation between Dengue Virus Type 4 Strains Impacts Human Antibody Binding and Neutralization. <i>Cell Reports</i> , 2018 , 25, 1214-1224	10.6	27
12	Routes of Zika virus dissemination in the testis and epididymis of immunodeficient mice. <i>Nature Communications</i> , 2018 , 9, 5350	17.4	21
11	Patterns of Cellular Immunity Associated with Experimental Infection with rDEN2B0 (Tonga/74) Support Its Suitability as a Human Dengue Virus Challenge Strain. <i>Journal of Virology</i> , 2017 , 91,	6.6	16
10	Beyond Neutralizing Antibody Levels: The Epitope Specificity of Antibodies Induced by National Institutes of Health Monovalent Dengue Virus Vaccines. <i>Journal of Infectious Diseases</i> , 2019 , 220, 219-227	7	15
9	Longitudinal analysis of acute and convalescent B cell responses in a human primary dengue serotype 2 infection model. <i>EBioMedicine</i> , 2019 , 41, 465-478	8.8	13
8	Antigenic Variation of the Dengue Virus 2 Genotypes Impacts the Neutralization Activity of Human Antibodies in Vaccinees. <i>Cell Reports</i> , 2020 , 33, 108226	10.6	13
7	Rapid Induction and Maintenance of Virus-Specific CD8 T and CD4 T Cells Following Protective Vaccination Against Dengue Virus Challenge in Humans. <i>Frontiers in Immunology</i> , 2020 , 11, 479	8.4	12
6	A tetravalent live attenuated dengue virus vaccine stimulates balanced immunity to multiple serotypes in humans. <i>Nature Communications</i> , 2021 , 12, 1102	17.4	12
5	Early Transcriptional Responses After Dengue Vaccination Mirror the Response to Natural Infection and Predict Neutralizing Antibody Titers. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1911-1921	7	6
4	Antigenic evolution of dengue viruses over 20 years. <i>Science</i> , 2021 , 374, 999-1004	33.3	5
3	Immunotranscriptomic profiling the acute and clearance phases of a human challenge dengue virus serotype 2 infection model. <i>Nature Communications</i> , 2021 , 12, 3054	17.4	5
2	Nonhuman primates exposed to Zika virus in utero are not protected against reinfection at 1 year postpartum. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	1
1	Beneath the surface: Amino acid variation underlying two decades of dengue virus antigenic dynamics in Bangkok, Thailand.. <i>PLoS Pathogens</i> , 2022 , 18, e1010500	7.6	0