Stefan W Metz

List of Publications by Year
in descending order

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29	1,112	471509	526287
papers	citations	17 h-index	27 g-index

30	30	30	1690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Secreted Trimeric Chikungunya Virus Spikes from Insect Cells: Production, Purification, and Glycosylation Status. Processes, 2022, 10, 162.	2.8	1
2	Immunological implications of diverse production approaches for Chikungunya virus-like particle vaccines. Vaccine, 2022, , .	3.8	2
3	Dengue Vaccines: The Promise and Pitfalls of Antibody-Mediated Protection. Cell Host and Microbe, 2021, 29, 13-22.	11.0	24
4	Designed, highly expressing, thermostable dengue virus 2 envelope protein dimers elicit quaternary epitope antibodies. Science Advances, 2021, 7, eabg4084.	10.3	22
5	Identification of Dengue Virus Serotype 3 Specific Antigenic Sites Targeted by Neutralizing Human Antibodies. Cell Host and Microbe, 2020, 27, 710-724.e7.	11.0	25
6	Dimerization of Dengue Virus E Subunits Impacts Antibody Function and Domain Focus. Journal of Virology, 2020, 94, .	3.4	9
7	Oligomeric state of the ZIKV E protein defines protective immune responses. Nature Communications, 2019, 10, 4606.	12.8	22
8	Role of Zika Virus Envelope Protein Domain III as a Target of Human Neutralizing Antibodies. MBio, 2019, 10, .	4.1	26
9	Focused dengue vaccine development: outwitting nature's design. Pathogens and Disease, 2019, 77, .	2.0	5
10	Human antibody response to Zika targets type-specific quaternary structure epitopes. JCI Insight, 2019, 4, .	5.0	45
11	Physiological temperatures reduce dimerization of dengue and Zika virus recombinant envelope proteins. Journal of Biological Chemistry, 2018, 293, 8922-8933.	3.4	22
12	Dengue virus-like particles mimic the antigenic properties of the infectious dengue virus envelope. Virology Journal, 2018, 15, 60.	3.4	42
13	Optimization of Surface Display of DENV2 E Protein on a Nanoparticle to Induce Virus Specific Neutralizing Antibody Responses. Bioconjugate Chemistry, 2018, 29, 1544-1552.	3.6	10
14	Chikungunya and Zika Virus Vaccines. , 2018, , 347-365.		0
15	Nanoparticle delivery of a tetravalent E protein subunit vaccine induces balanced, type-specific neutralizing antibodies to each dengue virus serotype. PLoS Neglected Tropical Diseases, 2018, 12, e0006793.	3.0	22
16	Progress and Works in Progress: Update on Flavivirus Vaccine Development. Clinical Therapeutics, 2017, 39, 1519-1536.	2.5	95
17	In Vitro Assembly and Stabilization of Dengue and Zika Virus Envelope Protein Homo-Dimers. Scientific Reports, 2017, 7, 4524.	3.3	41
18	Precisely Molded Nanoparticle Displaying DENV-E Proteins Induces Robust Serotype-Specific Neutralizing Antibody Responses. PLoS Neglected Tropical Diseases, 2016, 10, e0005071.	3.0	31

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19	Alphavirus capsid proteins selfâ€assemble into coreâ€like particles in insect cells: A promising platform for nanoparticle vaccine development. Biotechnology Journal, 2016, 11, 266-273.	3.5	6
20	Production of Chikungunya Virus-Like Particles and Subunit Vaccines in Insect Cells. Methods in Molecular Biology, 2016, 1426, 297-309.	0.9	15
21	Selecting the optimal Tetâ€On system for doxycyclineâ€inducible gene expression in transiently transfected and stably transduced mammalian cells. Biotechnology Journal, 2016, 11, 71-79.	3.5	21
22	Function of Chikungunya Virus Structural Proteins. , 2016, , 63-74.		13
23	A sensitive epitope-blocking ELISA for the detection of Chikungunya virus-specific antibodies in patients. Journal of Virological Methods, 2015, 222, 55-61.	2.1	10
24	Chikungunya virus-like particles are more immunogenic in a lethal AG129 mouse model compared to glycoprotein E1 or E2 subunits. Vaccine, 2013, 31, 6092-6096.	3.8	68
25	Effective Chikungunya Virus-like Particle Vaccine Produced in Insect Cells. PLoS Neglected Tropical Diseases, 2013, 7, e2124.	3.0	122
26	Noncoding Flavivirus RNA Displays RNA Interference Suppressor Activity in Insect and Mammalian Cells. Journal of Virology, 2012, 86, 13486-13500.	3.4	248
27	Arbovirus vaccines; opportunities for the baculovirus-insect cell expression system. Journal of Invertebrate Pathology, 2011, 107, S16-S30.	3.2	51
28	Low Temperature-Dependent Salmonid Alphavirus Glycoprotein Processing and Recombinant Virus-Like Particle Formation. PLoS ONE, 2011, 6, e25816.	2.5	29
29	Functional processing and secretion of Chikungunya virus E1 and E2 glycoproteins in insect cells. Virology Journal, 2011, 8, 353.	3.4	85