

Douglas G Widman

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,232
citations

394421

19
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

2946
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mitochondrial Proteins NLRX1 and TUFM Form a Complex that Regulates Type I Interferon and Autophagy. <i>Immunity</i> , 2012, 36, 933-946.	14.3	241
2	Regulation of the hepatitis C virus RNA replicase by endogenous lipid peroxidation. <i>Nature Medicine</i> , 2014, 20, 927-935.	30.7	130
3	Congenital Zika virus infection as a silent pathology with loss of neurogenic output in the fetal brain. <i>Nature Medicine</i> , 2018, 24, 368-374.	30.7	117
4	Neutralization mechanism of a highly potent antibody against Zika virus. <i>Nature Communications</i> , 2016, 7, 13679.	12.8	91
5	Construction and characterization of a second-generation pseudoinfectious West Nile virus vaccine propagated using a new cultivation system. <i>Vaccine</i> , 2008, 26, 2762-2771.	3.8	59
6	A Reverse Genetics Platform That Spans the Zika Virus Family Tree. <i>MBio</i> , 2017, 8, .	4.1	59
7	Genetic Variation between Dengue Virus Type 4 Strains Impacts Human Antibody Binding and Neutralization. <i>Cell Reports</i> , 2018, 25, 1214-1224.	6.4	50
8	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, .	3.4	44
9	Construction and evaluation of a chimeric pseudoinfectious virus vaccine to prevent Japanese encephalitis. <i>Vaccine</i> , 2008, 26, 2772-2781.	3.8	40
10	Chapter 2 Third-Generation Flavivirus Vaccines Based on Single-Cycle, Encapsidation-Defective Viruses. <i>Advances in Virus Research</i> , 2008, 72, 77-126.	2.1	38
11	Repeated In Vivo Stimulation of T and B Cell Responses in Old Mice Generates Protective Immunity against Lethal West Nile Virus Encephalitis. <i>Journal of Immunology</i> , 2011, 186, 3882-3891.	0.8	37
12	Human dengue virus serotype 2 neutralizing antibodies target two distinct quaternary epitopes. <i>PLoS Pathogens</i> , 2018, 14, e1006934.	4.7	35
13	RepliVAX WN, a single-cycle flavivirus vaccine to prevent West Nile disease, elicits durable protective immunity in hamsters. <i>Vaccine</i> , 2009, 27, 5550-5553.	3.8	30
14	Evaluation of RepliVAX WN, a Single-Cycle Flavivirus Vaccine, in a Non-Human Primate Model of West Nile Virus Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 1160-1167.	1.4	30
15	Functional Transplant of a Dengue Virus Serotype 3 (DENV3)-Specific Human Monoclonal Antibody Epitope into DENV1. <i>Journal of Virology</i> , 2016, 90, 5090-5097.	3.4	30
16	In vitro toxicity and efficacy of verdinexor, an exportin 1 inhibitor, on opportunistic viruses affecting immunocompromised individuals. <i>PLoS ONE</i> , 2018, 13, e0200043.	2.5	28
17	Transplantation of a quaternary structure neutralizing antibody epitope from dengue virus serotype 3 into serotype 4. <i>Scientific Reports</i> , 2017, 7, 17169.	3.3	23
18	Analyzing the Human Serum Antibody Responses to a Live Attenuated Tetravalent Dengue Vaccine Candidate. <i>Journal of Infectious Diseases</i> , 2018, 217, 1932-1941.	4.0	23

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19	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.	4.0	22
20	Enhancing the utility of a prM/E-expressing chimeric vaccine for Japanese encephalitis by addition of the JEV NS1 gene. <i>Vaccine</i> , 2011, 29, 7444-7455.	3.8	21
21	Subcapsular sinus macrophages limit dissemination of West Nile virus particles after inoculation but are not essential for the development of West Nile virus-specific T cell responses. <i>Virology</i> , 2014, 450-451, 278-289.	2.4	21
22	Analyses of mutations selected by passaging a chimeric flavivirus identify mutations that alter infectivity and reveal an interaction between the structural proteins and the nonstructural glycoprotein NS1. <i>Virology</i> , 2011, 421, 96-104.	2.4	16
23	Epitope Addition and Ablation via Manipulation of a Dengue Virus Serotype 1 Infectious Clone. <i>MSphere</i> , 2017, 2, .	2.9	14
24	Intrinsic adjuvanting of a novel single-cycle flavivirus vaccine in the absence of type I interferon receptor signaling. <i>Vaccine</i> , 2012, 30, 1465-1475.	3.8	11
25	Dengue virus envelope protein domain I/II hinge: a key target for dengue virus vaccine design?. <i>Expert Review of Vaccines</i> , 2015, 14, 5-8.	4.4	9
26	Source and Purity of Dengue-Viral Preparations Impact Requirement for Enhancing Antibody to Induce Elevated IL-1 β Secretion: A Primary Human Monocyte Model. <i>PLoS ONE</i> , 2015, 10, e0136708.	2.5	6
27	Bioassay for the Measurement of Type-I Interferon Activity. <i>Methods in Molecular Biology</i> , 2013, 1031, 91-96.	0.9	3