

# Daniel N Streblow

## List of Publications by Year in descending order

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86  
papers

5,032  
citations

116194

36  
h-index

107981

68  
g-index

86  
all docs

86  
docs citations

86  
times ranked

6318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic and prophylactic treatment with a virus-specific antibody is highly effective in rodent models of Chikungunya infection and disease. <i>Antiviral Research</i> , 2022, 202, 105295.	1.9	4
2	Development of a next-generation chikungunya virus vaccine based on the HydroVax platform. <i>PLoS Pathogens</i> , 2022, 18, e1010695.	2.1	5
3	Blocking the IL-1 receptor reduces cardiac transplant ischemia and reperfusion injury and mitigates CMV-accelerated chronic rejection. <i>American Journal of Transplantation</i> , 2021, 21, 44-59.	2.6	7
4	CD34 Hematopoietic Progenitor Cell Subsets Exhibit Differential Ability To Maintain Human Cytomegalovirus Latency and Persistence. <i>Journal of Virology</i> , 2021, 95, .	1.5	8
5	Macrophage depletion of CMV latently infected donor hearts ameliorates recipient accelerated chronic rejection. <i>Transplant Infectious Disease</i> , 2021, 23, e13514.	0.7	3
6	Antibody-Independent Quantification of Cytomegalovirus Virion Protein Incorporation Using HiBiT. <i>Methods in Molecular Biology</i> , 2021, 2244, 213-232.	0.4	1
7	Establishment of Monoclonal Antibody Standards for Quantitative Serological Diagnosis of SARS-CoV-2 in Low-Incidence Settings. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab061.	0.4	8
8	Cytomegaloviral determinants of CD8 T cell programming and RhCMV/SIV vaccine efficacy. <i>Science Immunology</i> , 2021, 6, .	5.6	34
9	Targeting Chikungunya Virus Replication by Benzoannulene Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4762-4786.	2.9	6
10	Non-replicating adenovirus based Mayaro virus vaccine elicits protective immune responses and cross protects against other alphaviruses. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009308.	1.3	13
11	Human Cytomegalovirus Host Interactions: EGFR and Host Cell Signaling Is a Point of Convergence Between Viral Infection and Functional Changes in Infected Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 660901.	1.5	6
12	Rat and human cytomegalovirus ORF116 encodes a virion envelope glycoprotein required for infectivity. <i>Virology</i> , 2021, 557, 23-33.	1.1	6
13	Identification of Quinolinones as Antivirals against Venezuelan Equine Encephalitis Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0024421.	1.4	5
14	Comparison of SARS-CoV-2 PCR-Based Detection Using Saliva or Nasopharyngeal Swab Specimens in Asymptomatic Populations. <i>Microbiology Spectrum</i> , 2021, 9, e0006221.	1.2	10
15	Pyrimidone inhibitors targeting Chikungunya Virus nsP3 macrodomain by fragment-based drug design. <i>PLoS ONE</i> , 2021, 16, e0245013.	1.1	16
16	Nonhuman Primate Models of Zika Virus Infection and Disease during Pregnancy. <i>Viruses</i> , 2021, 13, 2088.	1.5	12
17	Differential Type 1 IFN Gene Expression in CD14+ Placenta Cells Elicited by Zika Virus Infection During Pregnancy. <i>Frontiers in Virology</i> , 2021, 1, .	0.7	3
18	Fetal Central Nervous System Derived Extracellular Vesicles: Potential for Non-invasive Tracking of Viral Mediated Fetal Brain Injury. <i>Frontiers in Virology</i> , 2021, 1, .	0.7	1

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19	Zika Virus Causes Acute and Chronic Prostatitis in Mice and Macaques. <i>Journal of Infectious Diseases</i> , 2020, 221, 1506-1517.	1.9	18
20	Rat Cytomegalovirus Virion-Associated Proteins R131 and R129 Are Necessary for Infection of Macrophages and Dendritic Cells. <i>Pathogens</i> , 2020, 9, 963.	1.2	1
21	The Differentiation of Human Cytomegalovirus Infected-Monocytes Is Required for Viral Replication. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 368.	1.8	26
22	Small Molecule Inhibitors Targeting Chikungunya Virus. <i>Current Topics in Microbiology and Immunology</i> , 2020, , 1.	0.7	7
23	Human Cytomegalovirus Infection Suppresses CD34+ Progenitor Cell Engraftment in Humanized Mice. <i>Microorganisms</i> , 2020, 8, 525.	1.6	6
24	In vitro and in vivo characterization of a recombinant rhesus cytomegalovirus containing a complete genome. <i>PLoS Pathogens</i> , 2020, 16, e1008666.	2.1	20
25	Isolation and Detection of Zika Virus-Infected Rhesus Macaques Lymph Node Cells and Splenocytes. <i>Methods in Molecular Biology</i> , 2020, 2142, 197-213.	0.4	0
26	Title is missing!. , 2020, 16, e1008666.		0
27	Title is missing!. , 2020, 16, e1008666.		0
28	Title is missing!. , 2020, 16, e1008666.		0
29	Title is missing!. , 2020, 16, e1008666.		0
30	Risk of Zika microcephaly correlates with features of maternal antibodies. <i>Journal of Experimental Medicine</i> , 2019, 216, 2302-2315.	4.2	41
31	Enhancing safety of cytomegalovirus-based vaccine vectors by engaging host intrinsic immunity. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	23
32	Studies on Dibenzylamines as Inhibitors of Venezuelan Equine Encephalitis Virus. <i>ACS Infectious Diseases</i> , 2019, 5, 2014-2028.	1.8	2
33	Human Cytomegalovirus US28 Ligand Binding Activity Is Required for Latency in CD34 <sup>+</sup> Hematopoietic Progenitor Cells and Humanized NSG Mice. <i>MBio</i> , 2019, 10, .	1.8	40
34	HCMV trimer- and pentamer-specific antibodies synergize for virus neutralization but do not correlate with congenital transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3728-3733.	3.3	42
35	Src Family Kinase Inhibitors Block Translation of Alphavirus Subgenomic mRNAs. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	27
36	Human Cytomegalovirus Immediate Early 86-kDa Protein Blocks Transcription and Induces Degradation of the Immature Interleukin-1 $\beta$ Protein during Virion-Mediated Activation of the AIM2 Inflammasome. <i>MBio</i> , 2019, 10, .	1.8	40

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37	Vaccine-Induced Skewing of T Cell Responses Protects Against Chikungunya Virus Disease. <i>Frontiers in Immunology</i> , 2019, 10, 2563.	2.2	11
38	Characterization of a live-attenuated HCMV-based vaccine platform. <i>Scientific Reports</i> , 2019, 9, 19236.	1.6	26
39	Zika virus infection in pregnant rhesus macaques causes placental dysfunction and immunopathology. <i>Nature Communications</i> , 2018, 9, 263.	5.8	177
40	Emerging Alphaviruses Are Sensitive to Cellular States Induced by a Novel Small-Molecule Agonist of the STING Pathway. <i>Journal of Virology</i> , 2018, 92, .	1.5	46
41	Miscarriage and stillbirth following maternal Zika virus infection in nonhuman primates. <i>Nature Medicine</i> , 2018, 24, 1104-1107.	15.2	85
42	In Utero Administration of Drugs Targeting Microglia Improves the Neurodevelopmental Outcome Following Cytomegalovirus Infection of the Rat Fetal Brain. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 55.	1.8	8
43	A Novel Agonist of the TRIF Pathway Induces a Cellular State Refractory to Replication of Zika, Chikungunya, and Dengue Viruses. <i>MBio</i> , 2017, 8, .	1.8	38
44	Human Cytomegalovirus Induces Cellular and Humoral Virus-specific Immune Responses in Humanized BLT Mice. <i>Scientific Reports</i> , 2017, 7, 937.	1.6	39
45	Zika Virus infection of rhesus macaques leads to viral persistence in multiple tissues. <i>PLoS Pathogens</i> , 2017, 13, e1006219.	2.1	194
46	Therapeutic administration of a recombinant human monoclonal antibody reduces the severity of chikungunya virus disease in rhesus macaques. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005637.	1.3	55
47	Cross-Species Rhesus Cytomegalovirus Infection of <i>Cynomolgus</i> Macaques. <i>PLoS Pathogens</i> , 2016, 12, e1006014.	2.1	35
48	Animal Models of Chikungunya Virus Infection and Disease. <i>Journal of Infectious Diseases</i> , 2016, 214, S482-S487.	1.9	54
49	Complex Interplay of the <i>UL136</i> Isoforms Balances Cytomegalovirus Replication and Latency. <i>MBio</i> , 2016, 7, e01986.	1.8	45
50	Cytomegalovirus Infection of the Rat Developing Brain In Utero Prominently Targets Immune Cells and Promotes Early Microglial Activation. <i>PLoS ONE</i> , 2016, 11, e0160176.	1.1	29
51	Dysregulated TGF- $\beta$ <sup>2</sup> Production Underlies the Age-Related Vulnerability to Chikungunya Virus. <i>PLoS Pathogens</i> , 2016, 12, e1005891.	2.1	48
52	Nonhuman Primate Models of Chikungunya Virus Infection and Disease (CHIKV NHP Model). <i>Pathogens</i> , 2015, 4, 662-681.	1.2	35
53	Characterization of a Novel Human-Specific STING Agonist that Elicits Antiviral Activity Against Emerging Alphaviruses. <i>PLoS Pathogens</i> , 2015, 11, e1005324.	2.1	103
54	Human Cytomegalovirus miR-UL112-3p Targets TLR2 and Modulates the TLR2/IRAK1/NF $\kappa$ B Signaling Pathway. <i>PLoS Pathogens</i> , 2015, 11, e1004881.	2.1	85

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55	Chikungunya Viruses That Escape Monoclonal Antibody Therapy Are Clinically Attenuated, Stable, and Not Purified in Mosquitoes. <i>Journal of Virology</i> , 2014, 88, 8213-8226.	1.5	67
56	HCMV Infection of Humanized Mice after Transplantation of G-CSFâ€“Mobilized Peripheral Blood Stem Cells from HCMV-Seropositive Donors. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 132-135.	2.0	31
57	Fluorescence-Based Laser Capture Microscopy Technology Facilitates Identification of Critical In Vivo Cytomegalovirus Transcriptional Programs. <i>Methods in Molecular Biology</i> , 2014, 1119, 217-237.	0.4	4
58	Chikungunya Virus Infection Results in Higher and Persistent Viral Replication in Aged Rhesus Macaques Due to Defects in Anti-Viral Immunity. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2343.	1.3	95
59	Cytomegalovirus CC Chemokine Promotes Immune Cell Migration. <i>Journal of Virology</i> , 2012, 86, 11833-11844.	1.5	32
60	The role of cytomegalovirus in angiogenesis. <i>Virus Research</i> , 2011, 157, 204-211.	1.1	62
61	Simian varicella virus gene expression during acute and latent infection of rhesus macaques. <i>Journal of NeuroVirology</i> , 2011, 17, 600-612.	1.0	22
62	Cytomegalovirus MicroRNA Expression Is Tissue Specific and Is Associated with Persistence. <i>Journal of Virology</i> , 2011, 85, 378-389.	1.5	41
63	Chikungunya Virus Induces IPS-1-Dependent Innate Immune Activation and Protein Kinase R-Independent Translational Shutoff. <i>Journal of Virology</i> , 2011, 85, 606-620.	1.5	113
64	A Novel Human Cytomegalovirus Locus Modulates Cell Type-Specific Outcomes of Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002444.	2.1	140
65	HCMV pUS28 initiates pro-migratory signaling via activation of Pyk2 kinase. <i>Herpesviridae</i> , 2010, 1, 2.	2.7	24
66	Granulocyte-Colony Stimulating Factor Reactivates Human Cytomegalovirus in a Latently Infected Humanized Mouse Model. <i>Cell Host and Microbe</i> , 2010, 8, 284-291.	5.1	116
67	Differential Ligand Binding to a Human Cytomegalovirus Chemokine Receptor Determines Cell Typeâ€“Specific Motility. <i>PLoS Pathogens</i> , 2009, 5, e1000304.	2.1	59
68	Rat cytomegalovirus infection depletes MHC II in bone marrow derived dendritic cells. <i>Virology</i> , 2009, 388, 78-90.	1.1	20
69	Human Cytomegalovirus US28: A Functionally Selective Chemokine Binding Receptor. <i>Infectious Disorders - Drug Targets</i> , 2009, 9, 548-556.	0.4	38
70	Human Cytomegalovirus Secretome Contains Factors That Induce Angiogenesis and Wound Healing. <i>Journal of Virology</i> , 2008, 82, 6524-6535.	1.5	100
71	West Nile Virus Entry Requires Cholesterol-Rich Membrane Microdomains and Is Independent of Î±5Î²3 Integrin. <i>Journal of Virology</i> , 2008, 82, 5212-5219.	1.5	129
72	Rat Cytomegalovirus Gene Expression in Cardiac Allograft Recipients Is Tissue Specific and Does Not Parallel the Profiles Detected In Vitro. <i>Journal of Virology</i> , 2007, 81, 3816-3826.	1.5	27

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73	Acceleration of allograft failure by cytomegalovirus. <i>Current Opinion in Immunology</i> , 2007, 19, 577-582.	2.4	113
74	Focal Adhesion Kinase Is Critical for Entry of Kaposi's Sarcoma-Associated Herpesvirus into Target Cells. <i>Journal of Virology</i> , 2006, 80, 1167-1180.	1.5	75
75	Rat Cytomegalovirusâ€Accelerated Transplant Vascular Sclerosis Is Reduced with Mutation of the Chemokineâ€Receptor R33. <i>American Journal of Transplantation</i> , 2005, 5, 436-442.	2.6	57
76	Mouse Cytomegalovirus M33 Is Necessary and Sufficient in Virus-Induced Vascular Smooth Muscle Cell Migration. <i>Journal of Virology</i> , 2005, 79, 10788-10795.	1.5	42
77	Human Cytomegalovirus-Encoded G Protein-Coupled Receptor US28 Mediates Smooth Muscle Cell Migration through GÎ±12. <i>Journal of Virology</i> , 2004, 78, 8382-8391.	1.5	75
78	Identification of Proteins in Human Cytomegalovirus (HCMV) Particles: the HCMV Proteome. <i>Journal of Virology</i> , 2004, 78, 10960-10966.	1.5	521
79	Models of HCMV latency and reactivation. <i>Trends in Microbiology</i> , 2003, 11, 293-295.	3.5	40
80	Differential regulation of cell motility and invasion by FAK. <i>Journal of Cell Biology</i> , 2003, 160, 753-767.	2.3	484
81	Cytomegalovirus-Mediated Upregulation of Chemokine Expression Correlates with the Acceleration of Chronic Rejection in Rat Heart Transplants. <i>Journal of Virology</i> , 2003, 77, 2182-2194.	1.5	86
82	Human Cytomegalovirus Chemokine Receptor US28-induced Smooth Muscle Cell Migration Is Mediated by Focal Adhesion Kinase and Src. <i>Journal of Biological Chemistry</i> , 2003, 278, 50456-50465.	1.6	90
83	Elimination of donor-specific alloreactivity prevents cytomegalovirus-accelerated chronic rejection in rat small bowel and heart transplants <sup>1</sup> . <i>Transplantation</i> , 2002, 73, 679-688.	0.5	41
84	Do Pathogens Accelerate Atherosclerosis?. <i>Journal of Nutrition</i> , 2001, 131, 2798S-2804S.	1.3	124
85	Reactivation of Latent Human Cytomegalovirus in CD14 + Monocytes Is Differentiation Dependent. <i>Journal of Virology</i> , 2001, 75, 7543-7554.	1.5	208
86	The Human Cytomegalovirus Chemokine Receptor US28 Mediates Vascular Smooth Muscle Cell Migration. <i>Cell</i> , 1999, 99, 511-520.	13.5	402