

Daniel N Streblow

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5663683/publications.pdf>

Version: 2024-02-01

86
papers

5,032
citations

101543

36
h-index

95266

68
g-index

86
all docs

86
docs citations

86
times ranked

5835
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Proteins in Human Cytomegalovirus (HCMV) Particles: the HCMV Proteome. <i>Journal of Virology</i> , 2004, 78, 10960-10966.	3.4	521
2	Differential regulation of cell motility and invasion by FAK. <i>Journal of Cell Biology</i> , 2003, 160, 753-767.	5.2	484
3	The Human Cytomegalovirus Chemokine Receptor US28 Mediates Vascular Smooth Muscle Cell Migration. <i>Cell</i> , 1999, 99, 511-520.	28.9	402
4	Reactivation of Latent Human Cytomegalovirus in CD14 + Monocytes Is Differentiation Dependent. <i>Journal of Virology</i> , 2001, 75, 7543-7554.	3.4	208
5	Zika Virus infection of rhesus macaques leads to viral persistence in multiple tissues. <i>PLoS Pathogens</i> , 2017, 13, e1006219.	4.7	194
6	Zika virus infection in pregnant rhesus macaques causes placental dysfunction and immunopathology. <i>Nature Communications</i> , 2018, 9, 263.	12.8	177
7	A Novel Human Cytomegalovirus Locus Modulates Cell Type-Specific Outcomes of Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002444.	4.7	140
8	West Nile Virus Entry Requires Cholesterol-Rich Membrane Microdomains and Is Independent of α 2 β 1 Integrin. <i>Journal of Virology</i> , 2008, 82, 5212-5219.	3.4	129
9	Do Pathogens Accelerate Atherosclerosis?. <i>Journal of Nutrition</i> , 2001, 131, 2798S-2804S.	2.9	124
10	Granulocyte-Colony Stimulating Factor Reactivates Human Cytomegalovirus in a Latently Infected Humanized Mouse Model. <i>Cell Host and Microbe</i> , 2010, 8, 284-291.	11.0	116
11	Acceleration of allograft failure by cytomegalovirus. <i>Current Opinion in Immunology</i> , 2007, 19, 577-582.	5.5	113
12	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.	3.4	113
13	Characterization of a Novel Human-Specific STING Agonist that Elicits Antiviral Activity Against Emerging Alphaviruses. <i>PLoS Pathogens</i> , 2015, 11, e1005324.	4.7	103
14	Human Cytomegalovirus Secretome Contains Factors That Induce Angiogenesis and Wound Healing. <i>Journal of Virology</i> , 2008, 82, 6524-6535.	3.4	100
15	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.	3.0	95
16	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.	3.4	90
17	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.	3.4	86
18	Human Cytomegalovirus miR-UL112-3p Targets TLR2 and Modulates the TLR2/IRAK1/NF κ B Signaling Pathway. <i>PLoS Pathogens</i> , 2015, 11, e1004881.	4.7	85

#	ARTICLE	IF	CITATIONS
19	Miscarriage and stillbirth following maternal Zika virus infection in nonhuman primates. <i>Nature Medicine</i> , 2018, 24, 1104-1107.	30.7	85
20	Human Cytomegalovirus-Encoded G Protein-Coupled Receptor US28 Mediates Smooth Muscle Cell Migration through G α 12. <i>Journal of Virology</i> , 2004, 78, 8382-8391.	3.4	75
21	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.	3.4	75
22	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.	3.4	67
23	The role of cytomegalovirus in angiogenesis. <i>Virus Research</i> , 2011, 157, 204-211.	2.2	62
24	Differential Ligand Binding to a Human Cytomegalovirus Chemokine Receptor Determines Cell Type-Specific Motility. <i>PLoS Pathogens</i> , 2009, 5, e1000304.	4.7	59
25	Rat Cytomegalovirus-Accelerated Transplant Vascular Sclerosis Is Reduced with Mutation of the Chemokine Receptor R33. <i>American Journal of Transplantation</i> , 2005, 5, 436-442.	4.7	57
26	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.	3.0	55
27	Animal Models of Chikungunya Virus Infection and Disease. <i>Journal of Infectious Diseases</i> , 2016, 214, S482-S487.	4.0	54
28	Dysregulated TGF- β 2 Production Underlies the Age-Related Vulnerability to Chikungunya Virus. <i>PLoS Pathogens</i> , 2016, 12, e1005891.	4.7	48
29	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, .	3.4	46
30	Complex Interplay of the <i>UL136</i> Isoforms Balances Cytomegalovirus Replication and Latency. <i>MBio</i> , 2016, 7, e01986.	4.1	45
31	Mouse Cytomegalovirus M33 Is Necessary and Sufficient in Virus-Induced Vascular Smooth Muscle Cell Migration. <i>Journal of Virology</i> , 2005, 79, 10788-10795.	3.4	42
32	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.	7.1	42
33	Cytomegalovirus MicroRNA Expression Is Tissue Specific and Is Associated with Persistence. <i>Journal of Virology</i> , 2011, 85, 378-389.	3.4	41
34	Risk of Zika microcephaly correlates with features of maternal antibodies. <i>Journal of Experimental Medicine</i> , 2019, 216, 2302-2315.	8.5	41
35	Elimination of donor-specific alloreactivity prevents cytomegalovirus-accelerated chronic rejection in rat small bowel and heart transplants ¹ . <i>Transplantation</i> , 2002, 73, 679-688.	1.0	41
36	Models of HCMV latency and reactivation. <i>Trends in Microbiology</i> , 2003, 11, 293-295.	7.7	40

#	ARTICLE	IF	CITATIONS
37	Human Cytomegalovirus US28 Ligand Binding Activity Is Required for Latency in CD34 ⁺ Hematopoietic Progenitor Cells and Humanized NSG Mice. <i>MBio</i> , 2019, 10, .	4.1	40
38	Human Cytomegalovirus Immediate Early 86-kDa Protein Blocks Transcription and Induces Degradation of the Immature Interleukin-1 β Protein during Virion-Mediated Activation of the AIM2 Inflammasome. <i>MBio</i> , 2019, 10, .	4.1	40
39	Human Cytomegalovirus Induces Cellular and Humoral Virus-specific Immune Responses in Humanized BLT Mice. <i>Scientific Reports</i> , 2017, 7, 937.	3.3	39
40	Human Cytomegalovirus US28: A Functionally Selective Chemokine Binding Receptor. <i>Infectious Disorders - Drug Targets</i> , 2009, 9, 548-556.	0.8	38
41	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, .	4.1	38
42	Nonhuman Primate Models of Chikungunya Virus Infection and Disease (CHIKV NHP Model). <i>Pathogens</i> , 2015, 4, 662-681.	2.8	35
43	Cross-Species Rhesus Cytomegalovirus Infection of Cynomolgus Macaques. <i>PLoS Pathogens</i> , 2016, 12, e1006014.	4.7	35
44	Cytomegaloviral determinants of CD8 ⁺ T cell programming and RhCMV/SIV vaccine efficacy. <i>Science Immunology</i> , 2021, 6, .	11.9	34
45	Cytomegalovirus CC Chemokine Promotes Immune Cell Migration. <i>Journal of Virology</i> , 2012, 86, 11833-11844.	3.4	32
46	HCMV Infection of Humanized Mice after Transplantation of G-CSF α -Mobilized Peripheral Blood Stem Cells from HCMV-Seropositive Donors. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 132-135.	2.0	31
47	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.	2.5	29
48	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.	3.4	27
49	Src Family Kinase Inhibitors Block Translation of Alphavirus Subgenomic mRNAs. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	27
50	Characterization of a live-attenuated HCMV-based vaccine platform. <i>Scientific Reports</i> , 2019, 9, 19236.	3.3	26
51	The Differentiation of Human Cytomegalovirus Infected-Monocytes Is Required for Viral Replication. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 368.	3.9	26
52	HCMV pUS28 initiates pro-migratory signaling via activation of Pyk2 kinase. <i>Herpesviridae</i> , 2010, 1, 2.	2.7	24
53	Enhancing safety of cytomegalovirus-based vaccine vectors by engaging host intrinsic immunity. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	23
54	Simian varicella virus gene expression during acute and latent infection of rhesus macaques. <i>Journal of NeuroVirology</i> , 2011, 17, 600-612.	2.1	22

#	ARTICLE	IF	CITATIONS
55	Rat cytomegalovirus infection depletes MHC II in bone marrow derived dendritic cells. <i>Virology</i> , 2009, 388, 78-90.	2.4	20
56	In vitro and in vivo characterization of a recombinant rhesus cytomegalovirus containing a complete genome. <i>PLoS Pathogens</i> , 2020, 16, e1008666.	4.7	20
57	Zika Virus Causes Acute and Chronic Prostatitis in Mice and Macaques. <i>Journal of Infectious Diseases</i> , 2020, 221, 1506-1517.	4.0	18
58	Pyrimidone inhibitors targeting Chikungunya Virus nsP3 macrodomain by fragment-based drug design. <i>PLoS ONE</i> , 2021, 16, e0245013.	2.5	16
59	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.	3.0	13
60	Nonhuman Primate Models of Zika Virus Infection and Disease during Pregnancy. <i>Viruses</i> , 2021, 13, 2088.	3.3	12
61	Vaccine-Induced Skewing of T Cell Responses Protects Against Chikungunya Virus Disease. <i>Frontiers in Immunology</i> , 2019, 10, 2563.	4.8	11
62	Comparison of SARS-CoV-2 PCR-Based Detection Using Saliva or Nasopharyngeal Swab Specimens in Asymptomatic Populations. <i>Microbiology Spectrum</i> , 2021, 9, e0006221.	3.0	10
63	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.	3.7	8
64	CD34 ⁺ Hematopoietic Progenitor Cell Subsets Exhibit Differential Ability To Maintain Human Cytomegalovirus Latency and Persistence. <i>Journal of Virology</i> , 2021, 95, .	3.4	8
65	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.	0.9	8
66	Small Molecule Inhibitors Targeting Chikungunya Virus. <i>Current Topics in Microbiology and Immunology</i> , 2020, , 1.	1.1	7
67	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.	4.7	7
68	Human Cytomegalovirus Infection Suppresses CD34 ⁺ Progenitor Cell Engraftment in Humanized Mice. <i>Microorganisms</i> , 2020, 8, 525.	3.6	6
69	Targeting Chikungunya Virus Replication by Benzoannulene Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4762-4786.	6.4	6
70	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.	3.5	6
71	Rat and human cytomegalovirus ORF116 encodes a virion envelope glycoprotein required for infectivity. <i>Virology</i> , 2021, 557, 23-33.	2.4	6
72	Identification of Quinolinones as Antivirals against Venezuelan Equine Encephalitis Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0024421.	3.2	5

#	ARTICLE	IF	CITATIONS
73	Development of a next-generation chikungunya virus vaccine based on the HydroVax platform. <i>PLoS Pathogens</i> , 2022, 18, e1010695.	4.7	5
74	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.	0.9	4
75	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.	4.1	4
76	Macrophage depletion of CMV latently infected donor hearts ameliorates recipient accelerated chronic rejection. <i>Transplant Infectious Disease</i> , 2021, 23, e13514.	1.7	3
77	Differential Type 1 IFN Gene Expression in CD14+ Placenta Cells Elicited by Zika Virus Infection During Pregnancy. <i>Frontiers in Virology</i> , 2021, 1, .	1.4	3
78	Studies on Dibenzylamines as Inhibitors of Venezuelan Equine Encephalitis Virus. <i>ACS Infectious Diseases</i> , 2019, 5, 2014-2028.	3.8	2
79	Rat Cytomegalovirus Virion-Associated Proteins R131 and R129 Are Necessary for Infection of Macrophages and Dendritic Cells. <i>Pathogens</i> , 2020, 9, 963.	2.8	1
80	Antibody-Independent Quantification of Cytomegalovirus Virion Protein Incorporation Using HiBiT. <i>Methods in Molecular Biology</i> , 2021, 2244, 213-232.	0.9	1
81	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, .	1.4	1
82	Isolation and Detection of Zika Virus-Infected Rhesus Macaques Lymph Node Cells and Splenocytes. <i>Methods in Molecular Biology</i> , 2020, 2142, 197-213.	0.9	0
83	Title is missing!. , 2020, 16, e1008666.		0
84	Title is missing!. , 2020, 16, e1008666.		0
85	Title is missing!. , 2020, 16, e1008666.		0
86	Title is missing!. , 2020, 16, e1008666.		0