

Niels A W Lemmermann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2007649/publications.pdf>

Version: 2024-02-01

68
papers

1,807
citations

236925

25
h-index

315739

38
g-index

70
all docs

70
docs citations

70
times ranked

1837
citing authors

#	ARTICLE	IF	CITATIONS
1	Murine Model of Cytomegalovirus Latency and Reactivation. <i>Current Topics in Microbiology and Immunology</i> , 2008, 325, 315-331.	1.1	104
2	The herpesviral antagonist m152 reveals differential activation of <sc>STING</sc> â€ dependent <sc>IRF</sc> and <sc>NF</sc> â€B signaling and <sc>STING</sc> 's dual role during <sc>MCMV</sc> infection. <i>EMBO Journal</i> , 2019, 38, .	7.8	77
3	Mouse Model of Cytomegalovirus Disease and Immunotherapy in the Immunocompromised Host: Predictions for Medical Translation that Survived the â€Test of Timeâ€. <i>Viruses</i> , 2018, 10, 693.	3.3	76
4	Cellular reservoirs of latent cytomegaloviruses. <i>Medical Microbiology and Immunology</i> , 2019, 208, 391-403.	4.8	69
5	The Immune Evasion Paradox: Immuno-evasins of Murine Cytomegalovirus Enhance Priming of CD8 T Cells by Preventing Negative Feedback Regulation. <i>Journal of Virology</i> , 2008, 82, 11637-11650.	3.4	67
6	Mast Cells Expedite Control of Pulmonary Murine Cytomegalovirus Infection by Enhancing the Recruitment of Protective CD8 T Cells to the Lungs. <i>PLoS Pathogens</i> , 2014, 10, e1004100.	4.7	64
7	Superresolution imaging of biological nanostructures by spectral precision distance microscopy. <i>Biotechnology Journal</i> , 2011, 6, 1037-1051.	3.5	63
8	The Viral Chemokine MCK-2 of Murine Cytomegalovirus Promotes Infection as Part of a gH/gL/MCK-2 Complex. <i>PLoS Pathogens</i> , 2013, 9, e1003493.	4.7	61
9	Non-redundant and Redundant Roles of Cytomegalovirus gH/gL Complexes in Host Organ Entry and Intra-tissue Spread. <i>PLoS Pathogens</i> , 2015, 11, e1004640.	4.7	60
10	Peptide Processing Is Critical for T-Cell Memory Inflation and May Be Optimized to Improve Immune Protection by CMV-Based Vaccine Vectors. <i>PLoS Pathogens</i> , 2016, 12, e1006072.	4.7	55
11	Single cell detection of latent cytomegalovirus reactivation in host tissue. <i>Journal of General Virology</i> , 2011, 92, 1279-1291.	2.9	50
12	Immune Evasion Proteins of Murine Cytomegalovirus Preferentially Affect Cell Surface Display of Recently Generated Peptide Presentation Complexes. <i>Journal of Virology</i> , 2010, 84, 1221-1236.	3.4	49
13	Epitope-specific in vivo protection against cytomegalovirus disease by CD8 T cells in the murine model of preemptive immunotherapy. <i>Medical Microbiology and Immunology</i> , 2008, 197, 135-144.	4.8	46
14	In vivo impact of cytomegalovirus evasion of CD8 T-cell immunity: Facts and thoughts based on murine models. <i>Virus Research</i> , 2011, 157, 161-174.	2.2	44
15	CD8 T-Cell Immunotherapy of Cytomegalovirus Disease in the Murine Model. <i>Methods in Microbiology</i> , 2010, , 369-420.	0.8	39
16	NKG2D Induces Mcl-1 Expression and Mediates Survival of CD8 Memory T Cell Precursors via Phosphatidylinositol 3-Kinase. <i>Journal of Immunology</i> , 2013, 191, 1307-1315.	0.8	37
17	Murine cytomegalovirus (CMV) infection via the intranasal route offers a robust model of immunity upon mucosal CMV infection. <i>Journal of General Virology</i> , 2016, 97, 185-195.	2.9	35
18	Murine cytomegalovirus immune evasion proteins operative in the MHC class I pathway of antigen processing and presentation: state of knowledge, revisions, and questions. <i>Medical Microbiology and Immunology</i> , 2012, 201, 497-512.	4.8	33

#	ARTICLE	IF	CITATIONS
19	Polyclonal cytomegalovirus-specific antibodies not only prevent virus dissemination from the portal of entry but also inhibit focal virus spread within target tissues. <i>Medical Microbiology and Immunology</i> , 2008, 197, 151-158.	4.8	32
20	Mast cells as rapid innate sensors of cytomegalovirus by TLR3/TRIF signaling-dependent and -independent mechanisms. <i>Cellular and Molecular Immunology</i> , 2015, 12, 192-201.	10.5	32
21	Evaluating Human T-Cell Therapy of Cytomegalovirus Organ Disease in HLA-Transgenic Mice. <i>PLoS Pathogens</i> , 2015, 11, e1005049.	4.7	31
22	Eomes broadens the scope of CD8 T-cell memory by inhibiting apoptosis in cells of low affinity. <i>PLoS Biology</i> , 2020, 18, e3000648.	5.6	31
23	Advances in cytomegalovirus (CMV) biology and its relationship to health, diseases, and aging. <i>GeroScience</i> , 2020, 42, 495-504.	4.6	29
24	The murine cytomegalovirus M35 protein antagonizes type I IFN induction downstream of pattern recognition receptors by targeting NF- κ B mediated transcription. <i>PLoS Pathogens</i> , 2017, 13, e1006382.	4.7	28
25	Reverse Genetics Modification of Cytomegalovirus Antigenicity and Immunogenicity by CD8 T-Cell Epitope Deletion and Insertion. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-15.	3.0	27
26	Transactivation of Cellular Genes Involved in Nucleotide Metabolism by the Regulatory IE1 Protein of Murine Cytomegalovirus Is Not Critical for Viral Replicative Fitness in Quiescent Cells and Host Tissues. <i>Journal of Virology</i> , 2008, 82, 9900-9916.	3.4	26
27	Superior induction and maintenance of protective CD8 T cells in mice infected with mouse cytomegalovirus vector expressing RAE-1 β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16550-16555.	7.1	26
28	Mast cells: innate attractors recruiting protective CD8 T cells to sites of cytomegalovirus infection. <i>Medical Microbiology and Immunology</i> , 2015, 204, 327-334.	4.8	26
29	Stochastic Episodes of Latent Cytomegalovirus Transcription Drive CD8 T-Cell "Memory Inflation" and Avoid Immune Evasion. <i>Frontiers in Immunology</i> , 2021, 12, 668885.	4.8	25
30	Antigen presentation under the influence of "immune evasion" proteins and its modulation by interferon-gamma: implications for immunotherapy of cytomegalovirus infection with antiviral CD8 T cells. <i>Medical Microbiology and Immunology</i> , 2012, 201, 513-525.	4.8	24
31	Immune control in the absence of immunodominant epitopes: implications for immunotherapy of cytomegalovirus infection with antiviral CD8 T cells. <i>Medical Microbiology and Immunology</i> , 2012, 201, 541-550.	4.8	21
32	Reconstitution of CD8 T Cells Protective against Cytomegalovirus in a Mouse Model of Hematopoietic Cell Transplantation: Dynamics and Inessentiality of Epitope Immunodominance. <i>Frontiers in Immunology</i> , 2016, 7, 232.	4.8	21
33	Evaluation of a laboratory-based high-throughput SARS-CoV-2 antigen assay for non-COVID-19 patient screening at hospital admission. <i>Medical Microbiology and Immunology</i> , 2021, 210, 165-171.	4.8	20
34	A novel transmembrane domain mediating retention of a highly motile herpesvirus glycoprotein in the endoplasmic reticulum. <i>Journal of General Virology</i> , 2010, 91, 1524-1534.	2.9	19
35	Coincident airway exposure to low-potency allergen and cytomegalovirus sensitizes for allergic airway disease by viral activation of migratory dendritic cells. <i>PLoS Pathogens</i> , 2019, 15, e1007595.	4.7	19
36	Hyperglycemia and Not Hyperinsulinemia Mediates Diabetes-Induced Memory CD8 T-Cell Dysfunction. <i>Diabetes</i> , 2022, 71, 706-721.	0.6	19

#	ARTICLE	IF	CITATIONS
37	The p36 Isoform of Murine Cytomegalovirus m152 Protein Suffices for Mediating Innate and Adaptive Immune Evasion. <i>Viruses</i> , 2013, 5, 3171-3191.	3.3	18
38	Refining human T-cell immunotherapy of cytomegalovirus disease: a mouse model with "humanized"™ antigen presentation as a new preclinical study tool. <i>Medical Microbiology and Immunology</i> , 2016, 205, 549-561.	4.8	18
39	Cytomegalovirus vector expressing RAE1 ^β induces enhanced anti-tumor capacity of murine CD8 ⁺ T cells. <i>European Journal of Immunology</i> , 2017, 47, 1354-1367.	2.9	18
40	Insufficient Antigen Presentation Due to Viral Immune Evasion Explains Lethal Cytomegalovirus Organ Disease After Allogeneic Hematopoietic Cell Transplantation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 157.	3.9	17
41	NKG2D stimulation of CD8 ⁺ T cells during priming promotes their capacity to produce cytokines in response to viral infection in mice. <i>European Journal of Immunology</i> , 2017, 47, 1123-1135.	2.9	16
42	Revisiting CD8 T-cell "Memory Inflation"™: New Insights with Implications for Cytomegaloviruses as Vaccine Vectors. <i>Vaccines</i> , 2020, 8, 402.	4.4	16
43	Cytomegalovirus-Associated Inhibition of Hematopoiesis Is Preventable by Cytoimmunotherapy With Antiviral CD8 T Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 138.	3.9	16
44	Principles for studying in vivo attenuation of virus mutants: defining the role of the cytomegalovirus gH/gL/gO complex as a paradigm. <i>Medical Microbiology and Immunology</i> , 2015, 204, 295-305.	4.8	15
45	Enhancement of Antigen Presentation by Deletion of Viral Immune Evasion Genes Prevents Lethal Cytomegalovirus Disease in Minor Histocompatibility Antigen-Mismatched Hematopoietic Cell Transplantation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 279.	3.9	14
46	The Mouse Cytomegalovirus Gene m42 Targets Surface Expression of the Protein Tyrosine Phosphatase CD45 in Infected Macrophages. <i>PLoS Pathogens</i> , 2016, 12, e1006057.	4.7	14
47	Spatial distribution and structural arrangement of a murine cytomegalovirus glycoprotein detected by SPDM localization microscopy. <i>Histochemistry and Cell Biology</i> , 2014, 142, 61-67.	1.7	12
48	Transcripts expressed in cytomegalovirus latency coding for an antigenic IE/E phase peptide that drives "memory inflation". <i>Medical Microbiology and Immunology</i> , 2019, 208, 439-446.	4.8	11
49	Consequence of Histoincompatibility beyond GvH-Reaction in Cytomegalovirus Disease Associated with Allogeneic Hematopoietic Cell Transplantation: Change of Paradigm. <i>Viruses</i> , 2021, 13, 1530.	3.3	11
50	Function of the cargo sorting dileucine motif in a cytomegalovirus immune evasion protein. <i>Medical Microbiology and Immunology</i> , 2019, 208, 531-542.	4.8	10
51	Host-Adapted Gene Families Involved in Murine Cytomegalovirus Immune Evasion. <i>Viruses</i> , 2022, 14, 128.	3.3	10
52	An endocytic YXXÎ (YRRF) cargo sorting motif in the cytoplasmic tail of murine cytomegalovirus AP2 "adapter adapter"™ protein m04/gp34 antagonizes virus evasion of natural killer cells. <i>Medical Microbiology and Immunology</i> , 2015, 204, 383-394.	4.8	9
53	No Evidence for Classic Thrombotic Microangiopathy in COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 671.	2.4	9
54	Noncanonical Expression of a Murine Cytomegalovirus Early Protein CD8 T-Cell Epitope as an Immediate Early Epitope Based on Transcription from an Upstream Gene. <i>Viruses</i> , 2014, 6, 808-831.	3.3	7

#	ARTICLE	IF	CITATIONS
55	Positive Role of the MHC Class-I Antigen Presentation Regulator m04/gp34 of Murine Cytomegalovirus in Antiviral Protection by CD8 T Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 454.	3.9	7
56	Enhancerless Cytomegalovirus Is Capable of Establishing a Low-Level Maintenance Infection in Severely Immunodeficient Host Tissues but Fails in Exponential Growth. <i>Journal of Virology</i> , 2010, 84, 6254-6261.	3.4	6
57	TLR3-independent activation of mast cells by cytomegalovirus contributes to control of pulmonary infection. <i>Cellular and Molecular Immunology</i> , 2017, 14, 479-481.	10.5	6
58	Therapeutic Vaccination of Hematopoietic Cell Transplantation Recipients Improves Protective CD8 T-Cell Immunotherapy of Cytomegalovirus Infection. <i>Frontiers in Immunology</i> , 2021, 12, 694588.	4.8	6
59	Memory CD8 T Cells Protect against Cytomegalovirus Disease by Formation of Nodular Inflammatory Foci Preventing Intra-Tissue Virus Spread. <i>Viruses</i> , 2022, 14, 1145.	3.3	6
60	Direct Evidence for Viral Antigen Presentation during Latent Cytomegalovirus Infection. <i>Pathogens</i> , 2021, 10, 731.	2.8	5
61	Identification of an atypical CD8 T cell epitope encoded by murine cytomegalovirus ORF-M54 gaining dominance after deletion of the immunodominant antiviral CD8 T cell specificities. <i>Medical Microbiology and Immunology</i> , 2015, 204, 317-326.	4.8	4
62	The Anti-apoptotic Murine Cytomegalovirus Protein vMIA-m38.5 Induces Mast Cell Degranulation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 439.	3.9	3
63	Localization of Viral Epitope-Specific CD8 T Cells during Cytomegalovirus Latency in the Lungs and Recruitment to Lung Parenchyma by Airway Challenge Infection. <i>Life</i> , 2021, 11, 918.	2.4	3
64	Efficient Delivery of Human Cytomegalovirus T Cell Antigens by Attenuated Sendai Virus Vectors. <i>Journal of Virology</i> , 2018, 92, .	3.4	2
65	Cytomegalovirus infection of glioblastoma cells leads to NF- κ B dependent upregulation of the c-MET oncogenic tyrosine kinase. <i>Cancer Letters</i> , 2021, 513, 26-35.	7.2	2
66	Mast Cells Meet Cytomegalovirus: A New Example of Protective Mast Cell Involvement in an Infectious Disease. <i>Cells</i> , 2022, 11, 1402.	4.1	1
67	Non-cognate bystander cytotoxicity by clonal epitope-specific CTL lines through CD28-CD80 interaction inhibits antibody production: A potential caveat to CD8 T-cell immunotherapy. <i>Cellular Immunology</i> , 2016, 308, 44-56.	3.0	0
68	Adoptive Transfer of T-Cell-Receptor Engineered Human T Cells Specifically Reduces Viral Titers in HLA-Transgenic NSG Mice Infected with a Humanized Cytomegalovirus. <i>Blood</i> , 2014, 124, 3834-3834.	1.4	0