

# Thomas Stamminger

## List of Publications by Year in descending order

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84  
papers

3,392  
citations

126907

33  
h-index

155660

55  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust and durable serological response following pediatric SARS-CoV-2 infection. <i>Nature Communications</i> , 2022, 13, 128.	12.8	54
2	Dual signaling via interferon and DNA damage response elicits entrapment by giant PML nuclear bodies. <i>ELife</i> , 2022, 11, .	6.0	7
3	Inhibitors of Activin Receptor-like Kinase 5 Interfere with SARS-CoV-2 S-Protein Processing and Spike-Mediated Cell Fusion via Attenuation of Furin Expression. <i>Viruses</i> , 2022, 14, 1308.	3.3	1
4	Independent Side-by-Side Validation and Comparison of 4 Serological Platforms for SARS-CoV-2 Antibody Testing. <i>Journal of Infectious Diseases</i> , 2021, 223, 796-801.	4.0	51
5	Cytomegalovirus chemokine receptor M33 knockout reduces chronic allograft rejection in a murine aortic transplant model. <i>Transplant Immunology</i> , 2021, 64, 101359.	1.2	7
6	Intrinsic Immune Mechanisms Restricting Human Cytomegalovirus Replication. <i>Viruses</i> , 2021, 13, 179.	3.3	12
7	Phenotypical Characterization of the Nuclear Egress of Recombinant Cytomegaloviruses Reveals Defective Replication upon ORF-UL50 Deletion but Not pUL50 Phosphosite Mutation. <i>Viruses</i> , 2021, 13, 165.	3.3	12
8	Stable and Inducible Gene Knockdown in Primary Human Fibroblasts: A Versatile Tool to Study the Role of Human Cytomegalovirus Host Cell Factors. <i>Methods in Molecular Biology</i> , 2021, 2244, 115-132.	0.9	1
9	The Autophagy-Initiating Protein Kinase ULK1 Phosphorylates Human Cytomegalovirus Tegument Protein pp28 and Regulates Efficient Virus Release. <i>Journal of Virology</i> , 2021, 95, .	3.4	10
10	Functional regulation of the structure-specific endonuclease FEN1 by the human cytomegalovirus protein IE1 suggests a role for the re-initiation of stalled viral replication forks. <i>PLoS Pathogens</i> , 2021, 17, e1009460.	4.7	9
11	Identification of UL69 Gene and Protein in Cytomegalovirus-Transformed Human Mammary Epithelial Cells. <i>Frontiers in Oncology</i> , 2021, 11, 627866.	2.8	6
12	Prevalence of SARS-CoV-2 Infection in Children and Their Parents in Southwest Germany. <i>JAMA Pediatrics</i> , 2021, 175, 586.	6.2	124
13	Human cytomegalovirus-induced host protein citrullination is crucial for viral replication. <i>Nature Communications</i> , 2021, 12, 3910.	12.8	13
14	Role of CMV chemokine receptor M33 in airway graft rejection in a mouse transplant model. <i>Transplant Immunology</i> , 2021, 67, 101415.	1.2	4
15	Cytomegalovirus immediate-early 1 proteins form a structurally distinct protein class with adaptations determining cross-species barriers. <i>PLoS Pathogens</i> , 2021, 17, e1009863.	4.7	4
16	Wedelolactone inhibits human cytomegalovirus replication by targeting distinct steps of the viral replication cycle. <i>Antiviral Research</i> , 2020, 174, 104677.	4.1	11
17	The Thrombopoietin Receptor Agonist Eltrombopag Inhibits Human Cytomegalovirus Replication Via Iron Chelation. <i>Cells</i> , 2020, 9, 31.	4.1	16
18	Vpu modulates DNA repair to suppress innate sensing and hyper-integration of HIV-1. <i>Nature Microbiology</i> , 2020, 5, 1247-1261.	13.3	22

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19	An enzyme-based immunodetection assay to quantify SARS-CoV-2 infection. <i>Antiviral Research</i> , 2020, 181, 104882.	4.1	34
20	A quantitative nuclear egress assay to investigate the nucleocytoplasmic capsid release of human cytomegalovirus. <i>Journal of Virological Methods</i> , 2020, 283, 113909.	2.1	15
21	Killer cell proteases can target viral immediate-early proteins to control human cytomegalovirus infection in a noncytotoxic manner. <i>PLoS Pathogens</i> , 2020, 16, e1008426.	4.7	9
22	Phosphosite Analysis of the Cytomegaloviral mRNA Export Factor pUL69 Reveals Serines with Critical Importance for Recruitment of Cellular Proteins Pin1 and UAP56/URH49. <i>Journal of Virology</i> , 2020, 94, .	3.4	7
23	Differential upregulation of host cell protein kinases by the replication of $\hat{1}^{\pm}$ , $\hat{1}^2$ - and $\hat{1}^3$ -herpesviruses provides a signature of virus-specific signalling. <i>Journal of General Virology</i> , 2020, 101, 284-289.	2.9	6
24	Emerging roles of cytomegalovirus-encoded G protein-coupled receptors during lytic and latent infection. <i>Medical Microbiology and Immunology</i> , 2019, 208, 447-456.	4.8	15
25	A Noncanonical Function of Polycomb Repressive Complexes Promotes Human Cytomegalovirus Lytic DNA Replication and Serves as a Novel Cellular Target for Antiviral Intervention. <i>Journal of Virology</i> , 2019, 93, .	3.4	11
26	Centrosomal protein TRIM43 restricts herpesvirus infection by regulating nuclear lamina integrity. <i>Nature Microbiology</i> , 2019, 4, 164-176.	13.3	37
27	Artesunate-derived monomeric, dimeric and trimeric experimental drugs – Their unique mechanistic basis and pronounced antiherpesviral activity. <i>Antiviral Research</i> , 2018, 152, 104-110.	4.1	26
28	Chromatin-Remodeling Factor SPOC1 Acts as a Cellular Restriction Factor against Human Cytomegalovirus by Repressing the Major Immediate Early Promoter. <i>Journal of Virology</i> , 2018, 92, .	3.4	14
29	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
30	A Virally Encoded DeSUMOylase Activity Is Required for Cytomegalovirus Reactivation from Latency. <i>Cell Reports</i> , 2018, 24, 594-606.	6.4	33
31	SUMOylation of IE2p86 is required for efficient autorepression of the human cytomegalovirus major immediate-early promoter. <i>Journal of General Virology</i> , 2018, 99, 369-378.	2.9	12
32	The ND10 Component Promyelocytic Leukemia Protein Acts as an E3 Ligase for SUMOylation of the Major Immediate Early Protein IE1 of Human Cytomegalovirus. <i>Journal of Virology</i> , 2017, 91, .	3.4	17
33	Inhibitors of dual-specificity tyrosine phosphorylation-regulated kinases (DYRK) exert a strong anti-herpesviral activity. <i>Antiviral Research</i> , 2017, 143, 113-121.	4.1	26
34	The Human Cytomegalovirus IE1 Protein Antagonizes PML Nuclear Body-Mediated Intrinsic Immunity via the Inhibition of PML <i>De Novo</i> SUMOylation. <i>Journal of Virology</i> , 2017, 91, .	3.4	46
35	Human Cytomegalovirus Particles Treated with Specific Antibodies Induce Intrinsic and Adaptive but Not Innate Immune Responses. <i>Journal of Virology</i> , 2017, 91, .	3.4	3
36	The Major Immediate-Early Protein IE2 of Human Cytomegalovirus Is Sufficient to Induce Proteasomal Degradation of CD83 on Mature Dendritic Cells. <i>Frontiers in Microbiology</i> , 2017, 8, 119.	3.5	18

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37	The Human CMV IE1 Protein: An Offender of PML Nuclear Bodies. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 223, 77-94.	1.6	21
38	TRIM19/PML Restricts HIV Infection in a Cell Type-Dependent Manner. <i>Viruses</i> , 2016, 8, 2.	3.3	24
39	Proteomic Interaction Patterns between Human Cyclins, the Cyclin-Dependent Kinase Ortholog pUL97 and Additional Cytomegalovirus Proteins. <i>Viruses</i> , 2016, 8, 219.	3.3	19
40	E2F/Rb Family Proteins Mediate Interferon Induced Repression of Adenovirus Immediate Early Transcription to Promote Persistent Viral Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005415.	4.7	64
41	Attenuation of chemokine receptor function and surface expression as an immunomodulatory strategy employed by human cytomegalovirus is linked to vGPCR US28. <i>Cell Communication and Signaling</i> , 2016, 14, 31.	6.5	10
42	Characterization of Recombinant Human Cytomegaloviruses Encoding IE1 Mutants L174P and 1-382 Reveals that Viral Targeting of PML Bodies Perturbs both Intrinsic and Innate Immune Responses. <i>Journal of Virology</i> , 2016, 90, 1190-1205.	3.4	42
43	New insight into the phosphorylation-regulated intranuclear localization of human cytomegalovirus pUL69 mediated by cyclin-dependent kinases (CDKs) and viral CDK orthologue pUL97. <i>Journal of General Virology</i> , 2016, 97, 144-151.	2.9	17
44	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
45	Consecutive Inhibition of ISG15 Expression and ISGylation by Cytomegalovirus Regulators. <i>PLoS Pathogens</i> , 2016, 12, e1005850.	4.7	56
46	Contribution of the Major ND10 Proteins PML, hDaxx and Sp100 to the Regulation of Human Cytomegalovirus Latency and Lytic Replication in the Monocytic Cell Line THP-1. <i>Viruses</i> , 2015, 7, 2884-2907.	3.3	63
47	Impact of Adenovirus E4-ORF3 Oligomerization and Protein Localization on Cellular Gene Expression. <i>Viruses</i> , 2015, 7, 2428-2449.	3.3	11
48	pUL69 of Human Cytomegalovirus Recruits the Cellular Protein Arginine Methyltransferase 6 via a Domain That Is Crucial for mRNA Export and Efficient Viral Replication. <i>Journal of Virology</i> , 2015, 89, 9601-9615.	3.4	10
49	Controlled crystal dehydration triggers a space-group switch and shapes the tertiary structure of cytomegalovirus immediate-early 1 (IE1) protein. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1493-1504.	2.5	11
50	The broad-spectrum anti-infective drug artesunate interferes with the canonical nuclear factor kappa B (NF- $\kappa$ B) pathway by targeting RelA/p65. <i>Antiviral Research</i> , 2015, 124, 101-109.	4.1	48
51	Intracellular Trafficking of the Human Cytomegalovirus-Encoded 7-trans-Membrane Protein Homologs pUS27 and pUL78 during Viral Infection: A Comparative Analysis. <i>Viruses</i> , 2014, 6, 661-682.	3.3	11
52	Kaposi's Sarcoma Associated Herpesvirus Tegument Protein ORF75 Is Essential for Viral Lytic Replication and Plays a Critical Role in the Antagonization of ND10-Instituted Intrinsic Immunity. <i>PLoS Pathogens</i> , 2014, 10, e1003863.	4.7	57
53	Crystal Structure of Cytomegalovirus IE1 Protein Reveals Targeting of TRIM Family Member PML via Coiled-Coil Interactions. <i>PLoS Pathogens</i> , 2014, 10, e1004512.	4.7	60
54	The human cytomegalovirus IE1 protein: past and present developments. <i>Future Virology</i> , 2014, 9, 415-430.	1.8	9

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55	Methods to Study the Nucleocytoplasmic Transport of Macromolecules with Respect to Their Impact on the Regulation of Human Cytomegalovirus Gene Expression. <i>Methods in Molecular Biology</i> , 2014, 1119, 197-216.	0.9	4
56	Small ubiquitin-related modifier (SUMO) pathway-mediated enhancement of human cytomegalovirus replication correlates with a recruitment of SUMO-1/3 proteins to viral replication compartments. <i>Journal of General Virology</i> , 2013, 94, 1373-1384.	2.9	20
57	Profiling of the kinome of cytomegalovirus-infected cells reveals the functional importance of host kinases Aurora A, ABL and AMPK. <i>Antiviral Research</i> , 2013, 99, 139-148.	4.1	40
58	PML promotes MHC class II gene expression by stabilizing the class II transactivator. <i>Journal of Cell Biology</i> , 2012, 199, 49-63.	5.2	54
59	Transfer of the UAP56 Interaction Motif of Human Cytomegalovirus pUL69 to Its Murine Cytomegalovirus Homolog Converts the Protein into a Functional mRNA Export Factor That Can Substitute for pUL69 during Viral Infection. <i>Journal of Virology</i> , 2012, 86, 7448-7453.	3.4	5
60	Intrinsic cellular defense mechanisms targeting human cytomegalovirus. <i>Virus Research</i> , 2011, 157, 128-133.	2.2	61
61	Functional Reorganization of Promyelocytic Leukemia Nuclear Bodies during BK Virus Infection. <i>MBio</i> , 2011, 2, e00281-10.	4.1	36
62	Characterization of the Betaherpesviral pUL69 Protein Family Reveals Binding of the Cellular mRNA Export Factor UAP56 as a Prerequisite for Stimulation of Nuclear mRNA Export and for Efficient Viral Replication. <i>Journal of Virology</i> , 2011, 85, 1804-1819.	3.4	13
63	Human cytomegalovirus immediate-early gene expression is restricted by the nuclear domain 10 component Sp100. <i>Journal of General Virology</i> , 2011, 92, 1532-1538.	2.9	55
64	Recruitment of cyclin-dependent kinase 9 to nuclear compartments during cytomegalovirus late replication: importance of an interaction between viral pUL69 and cyclin T1. <i>Journal of General Virology</i> , 2011, 92, 1519-1531.	2.9	30
65	Molecular targets for antiviral therapy of cytomegalovirus infections. <i>Future Microbiology</i> , 2009, 4, 731-742.	2.0	40
66	Importance of Covalent and Noncovalent SUMO Interactions with the Major Human Cytomegalovirus Transactivator IE2p86 for Viral Infection. <i>Journal of Virology</i> , 2009, 83, 12881-12894.	3.4	34
67	Interplay between Herpesvirus Infection and Host Defense by PML Nuclear Bodies. <i>Viruses</i> , 2009, 1, 1240-1264.	3.3	83
68	Cyclin-dependent Kinases Phosphorylate the Cytomegalovirus RNA Export Protein pUL69 and Modulate Its Nuclear Localization and Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 8605-8613.	3.4	49
69	Cytomegaloviral protein kinase pUL97 interacts with the nuclear mRNA export factor pUL69 to modulate its intranuclear localization and activity. <i>Journal of General Virology</i> , 2009, 90, 567-578.	2.9	46
70	New insights into the role of the subnuclear structure ND10 for viral infection. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 2207-2221.	4.1	158
71	Insertion of an EYFP-pp71 (UL82) Coding Sequence into the Human Cytomegalovirus Genome Results in a Recombinant Virus with Enhanced Viral Growth. <i>Journal of Virology</i> , 2008, 82, 10543-10555.	3.4	17
72	The human cytomegalovirus regulatory protein UL69 and its effect on mRNA export. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 2939.	3.0	55

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73	Recruitment of Human Cytomegalovirus Immediate-Early 2 Protein onto Parental Viral Genomes in Association with ND10 in Live-Infected Cells. <i>Journal of Virology</i> , 2007, 81, 10123-10136.	3.4	37
74	Mapping of a self-interaction domain of the cytomegalovirus protein kinase pUL97. <i>Journal of General Virology</i> , 2007, 88, 395-404.	2.9	40
75	RNA-binding of the human cytomegalovirus transactivator protein UL69, mediated by arginine-rich motifs, is not required for nuclear export of unspliced RNA. <i>Nucleic Acids Research</i> , 2006, 34, 1237-1249.	14.5	43
76	The UL69 Transactivator Protein of Human Cytomegalovirus Interacts with DEXD/H-Box RNA Helicase UAP56 To Promote Cytoplasmic Accumulation of Unspliced RNA. <i>Molecular and Cellular Biology</i> , 2006, 26, 1631-1643.	2.3	96
77	Deletion of Open Reading Frame UL26 from the Human Cytomegalovirus Genome Results in Reduced Viral Growth, Which Involves Impaired Stability of Viral Particles. <i>Journal of Virology</i> , 2006, 80, 5423-5434.	3.4	61
78	Evidence for a Role of the Cellular ND10 Protein PML in Mediating Intrinsic Immunity against Human Cytomegalovirus Infections. <i>Journal of Virology</i> , 2006, 80, 8006-8018.	3.4	194
79	Cellular p32 Recruits Cytomegalovirus Kinase pUL97 to Redistribute the Nuclear Lamina. <i>Journal of Biological Chemistry</i> , 2005, 280, 33357-33367.	3.4	158
80	A Nonconventional Nuclear Localization Signal within the UL84 Protein of Human Cytomegalovirus Mediates Nuclear Import via the Importin $\alpha/\beta$ Pathway. <i>Journal of Virology</i> , 2003, 77, 3734-3748.	3.4	61
81	Functional Interaction between the pp71 Protein of Human Cytomegalovirus and the PML-Interacting Protein Human Daxx. <i>Journal of Virology</i> , 2002, 76, 5769-5783.	3.4	153
82	Recombinant Green Fluorescent Protein-Expressing Human Cytomegalovirus as a Tool for Screening Antiviral Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1588-1597.	3.2	130
83	Covalent Modification of the Transactivator Protein IE2-p86 of Human Cytomegalovirus by Conjugation to the Ubiquitin-Homologous Proteins SUMO-1 and hSMT3b. <i>Journal of Virology</i> , 2000, 74, 2510-2524.	3.4	151
84	The Nuclear Domain 10 (ND10) Is Disrupted by the Human Cytomegalovirus Gene Product IE1. <i>Experimental Cell Research</i> , 1996, 229, 155-158.	2.6	205