

# Christian Sinzger

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,196  
citations

361296

20  
h-index

243529

44  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic content of wild-type human cytomegalovirus. <i>Journal of General Virology</i> , 2004, 85, 1301-1312.	1.3	500
2	Cloning and sequencing of a highly productive, endotheliotropic virus strain derived from human cytomegalovirus TB40/E. <i>Journal of General Virology</i> , 2008, 89, 359-368.	1.3	346
3	Downregulation of natural killer cell-activating ligand CD155 by human cytomegalovirus UL141. <i>Nature Immunology</i> , 2005, 6, 181-188.	7.0	231
4	Role of human cytomegalovirus UL131A in cell type-specific virus entry and release. <i>Journal of General Virology</i> , 2006, 87, 2451-2460.	1.3	171
5	HCMV Spread and Cell Tropism are Determined by Distinct Virus Populations. <i>PLoS Pathogens</i> , 2011, 7, e1001256.	2.1	130
6	UL74 of Human Cytomegalovirus Contributes to Virus Release by Promoting Secondary Envelopment of Virions. <i>Journal of Virology</i> , 2008, 82, 2802-2812.	1.5	91
7	A derivative of platelet-derived growth factor receptor alpha binds to the trimer of human cytomegalovirus and inhibits entry into fibroblasts and endothelial cells. <i>PLoS Pathogens</i> , 2017, 13, e1006273.	2.1	83
8	Human Cytomegalovirus Entry into Dendritic Cells Occurs via a Macropinocytosis-Like Pathway in a pH-Independent and Cholesterol-Dependent Manner. <i>PLoS ONE</i> , 2012, 7, e34795.	1.1	64
9	Quantification of replication of clinical cytomegalovirus isolates in cultured endothelial cells and fibroblasts by a focus expansion assay. <i>Journal of Virological Methods</i> , 1997, 63, 103-112.	1.0	51
10	Evidence for direct transfer of cytoplasmic material from infected to uninfected cells during cell-associated spread of human cytomegalovirus. <i>Journal of Clinical Virology</i> , 2006, 37, 10-20.	1.6	34
11	The N Terminus of Human Cytomegalovirus Glycoprotein O Is Important for Binding to the Cellular Receptor PDGFR $\alpha$ . <i>Journal of Virology</i> , 2019, 93, .	1.5	31
12	Cytomegalovirus Infection Impairs Immunosuppressive and Antimicrobial Effector Functions of Human Multipotent Mesenchymal Stromal Cells. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	1.4	28
13	Natural Killer Cells Can Inhibit the Transmission of Human Cytomegalovirus in Cell Culture by Using Mechanisms from Innate and Adaptive Immune Responses. <i>Journal of Virology</i> , 2015, 89, 2906-2917.	1.5	28
14	A TB40/E-derived human cytomegalovirus genome with an intact US-gene region and a self-excisable BAC cassette for immunological research. <i>BioTechniques</i> , 2017, 63, 205-214.	0.8	27
15	The contribution of pUL74 to growth of human cytomegalovirus is masked in the presence of RL13 and UL128 expression. <i>Journal of General Virology</i> , 2016, 97, 1917-1927.	1.3	26
16	Effect of serum and CTL on focal growth of human cytomegalovirus. <i>Journal of Clinical Virology</i> , 2007, 38, 112-119.	1.6	25
17	UL74 of human cytomegalovirus reduces the inhibitory effect of gH-specific and gB-specific antibodies. <i>Archives of Virology</i> , 2011, 156, 2145-2155.	0.9	25
18	Tetraspanin CD151 Promotes Initial Events in Human Cytomegalovirus Infection. <i>Journal of Virology</i> , 2016, 90, 6430-6442.	1.5	25

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19	A permanently growing human endothelial cell line supports productive infection with human cytomegalovirus under conditional cell growth arrest. <i>BioTechniques</i> , 2015, 59, 127-136.	0.8	24
20	Signatures of T and B Cell Development, Functional Responses and PD-1 Upregulation After HCMV Latent Infections and Reactivations in Nod.Rag.Gamma Mice Humanized With Cord Blood CD34+ Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2734.	2.2	23
21	Inhibition of Tetraspanin Functions Impairs Human Papillomavirus and Cytomegalovirus Infections. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3007.	1.8	23
22	Importance of Highly Conserved Peptide Sites of Human Cytomegalovirus gO for Formation of the gH/gL/gO Complex. <i>Journal of Virology</i> , 2017, 91, .	1.5	21
23	Generation of a Gaussia luciferase-expressing endotheliotropic cytomegalovirus for screening approaches and mutant analyses. <i>Journal of Virological Methods</i> , 2016, 235, 182-189.	1.0	20
24	Mutational Mapping of UL130 of Human Cytomegalovirus Defines Peptide Motifs within the C-Terminal Third as Essential for Endothelial Cell Infection. <i>Journal of Virology</i> , 2010, 84, 9019-9026.	1.5	17
25	Cell Fusion Induced by a Fusion-Active Form of Human Cytomegalovirus Glycoprotein B (gB) Is Inhibited by Antibodies Directed at Antigenic Domain 5 in the Ectodomain of gB. <i>Journal of Virology</i> , 2020, 94, .	1.5	16
26	Dense Bodies of a gH/gL/UL128/UL130/UL131 Pentamer-Repaired Towne Strain of Human Cytomegalovirus Induce an Enhanced Neutralizing Antibody Response. <i>Journal of Virology</i> , 2019, 93, .	1.5	15
27	Large-Scale Screening of HCMV-Seropositive Blood Donors Indicates that HCMV Effectively Escapes from Antibodies by Cell-Associated Spread. <i>Viruses</i> , 2018, 10, 500.	1.5	14
28	Applications for a Dual Fluorescent Human Cytomegalovirus in the Analysis of Viral Entry. <i>Methods in Molecular Biology</i> , 2013, 1064, 201-209.	0.4	14
29	The Cellular Proteins Grb2 and DDX3 Are Increased upon Human Cytomegalovirus Infection and Act in a Proviral Fashion. <i>PLoS ONE</i> , 2015, 10, e0131614.	1.1	14
30	In vivo Downregulation of MHC Class I Molecules by HCMV Occurs During All Phases of Viral Replication but Is Not Always Complete. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 283.	1.8	12
31	Role of Envelope Glycoprotein Complexes in Cell-Associated Spread of Human Cytomegalovirus. <i>Viruses</i> , 2021, 13, 614.	1.5	12
32	Distinct Properties of Human Cytomegalovirus Strains and the Appropriate Choice of Strains for Particular Studies. <i>Methods in Molecular Biology</i> , 2014, 1119, 29-46.	0.4	10
33	Identification of Elite Neutralizers With Broad and Potent Neutralizing Activity Against Human Cytomegalovirus (HCMV) in a Population of HCMV-Seropositive Blood Donors. <i>Journal of Infectious Diseases</i> , 2018, 218, 876-885.	1.9	8
34	Distinct Properties of Human Cytomegalovirus Strains and the Appropriate Choice of Strains for Particular Studies. <i>Methods in Molecular Biology</i> , 2021, 2244, 19-38.	0.4	8
35	A two-step screening approach for the identification of blood donors with highly and broadly neutralizing capacities against human cytomegalovirus. <i>Transfusion</i> , 2017, 57, 412-422.	0.8	7
36	Targeted mutagenesis on PDGFR $\beta$ -Fc identifies amino acid modifications that allow efficient inhibition of HCMV infection while abolishing PDGF sequestration. <i>PLoS Pathogens</i> , 2021, 17, e1009471.	2.1	6

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37	Investigating HCMV entry into host cells by STEM tomography. <i>Journal of Structural Biology</i> , 2018, 204, 406-419.	1.3	4
38	Selection of Human Cytomegalovirus Mutants with Resistance against PDGFR $\alpha$ -Derived Entry Inhibitors. <i>Viruses</i> , 2021, 13, 1094.	1.5	3
39	Peptide Derivatives of Platelet-Derived Growth Factor Receptor Alpha Inhibit Cell-Associated Spread of Human Cytomegalovirus. <i>Viruses</i> , 2021, 13, 1780.	1.5	3
40	Transmission of cell-associated human cytomegalovirus isolates between various cell types using polymorphonuclear leukocytes as a vehicle. <i>Medical Microbiology and Immunology</i> , 2021, 210, 197-209.	2.6	2
41	Human Cytomegalovirus Subverts the Functions of Monocytes, Impairing Chemokine-Mediated Migration and Leukocyte Recruitment. <i>Journal of Virology</i> , 2013, 87, 13082-13083.	1.5	1
42	Fast and Efficient Titration of Human Cytomegalovirus Stocks with a Self-Excisable Bacterial Artificial Chromosomes Cassette by Flow Cytometry. <i>Human Gene Therapy Methods</i> , 2019, 30, 122-126.	2.1	1
43	A Luciferase Gene Driven by an Alphaherpesviral Promoter Also Responds to Immediate Early Antigens of the Betaherpesvirus HCMV, Allowing Comparative Analyses of Different Human Herpesviruses in One Reporter Cell Line. <i>PLoS ONE</i> , 2017, 12, e0169580.	1.1	1
44	Viral and Cellular Factors Contributing to the Hematogenous Dissemination of Human Cytomegalovirus via Polymorphonuclear Leukocytes. <i>Viruses</i> , 2022, 14, 1561.	1.5	1
45	Detection of antibody-secreting cells specific for the cytomegalovirus and herpes simplex virus surface antigens. <i>Journal of Immunological Methods</i> , 2018, 462, 13-22.	0.6	0