

Christian Sinzger

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,196
citations

361413
20
h-index

243625
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. Journal of General Virology, 2004, 85, 1301-1312.	2.9	500
2	Cloning and sequencing of a highly productive, endotheliotropic virus strain derived from human cytomegalovirus TB40/E. Journal of General Virology, 2008, 89, 359-368.	2.9	346
3	Downregulation of natural killer cell-activating ligand CD155 by human cytomegalovirus UL141. Nature Immunology, 2005, 6, 181-188.	14.5	231
4	Role of human cytomegalovirus UL131A in cell type-specific virus entry and release. Journal of General Virology, 2006, 87, 2451-2460.	2.9	171
5	HCMV Spread and Cell Tropism are Determined by Distinct Virus Populations. PLoS Pathogens, 2011, 7, e1001256.	4.7	130
6	UL74 of Human Cytomegalovirus Contributes to Virus Release by Promoting Secondary Envelopment of Virions. Journal of Virology, 2008, 82, 2802-2812.	3.4	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. PLoS Pathogens, 2017, 13, e1006273.	4.7	83
8	Human Cytomegalovirus Entry into Dendritic Cells Occurs via a Macropinocytosis-Like Pathway in a pH-Independent and Cholesterol-Dependent Manner. PLoS ONE, 2012, 7, e34795.	2.5	64
9	Quantification of replication of clinical cytomegalovirus isolates in cultured endothelial cells and fibroblasts by a focus expansion assay. Journal of Virological Methods, 1997, 63, 103-112.	2.1	51
10	Evidence for direct transfer of cytoplasmic material from infected to uninfected cells during cell-associated spread of human cytomegalovirus. Journal of Clinical Virology, 2006, 37, 10-20.	3.1	34
11	The N Terminus of Human Cytomegalovirus Glycoprotein O Is Important for Binding to the Cellular Receptor PDGFR α . Journal of Virology, 2019, 93, .	3.4	31
12	Cytomegalovirus Infection Impairs Immunosuppressive and Antimicrobial Effector Functions of Human Multipotent Mesenchymal Stromal Cells. Mediators of Inflammation, 2014, 2014, 1-7.	3.0	28
13	Natural Killer Cells Can Inhibit the Transmission of Human Cytomegalovirus in Cell Culture by Using Mechanisms from Innate and Adaptive Immune Responses. Journal of Virology, 2015, 89, 2906-2917.	3.4	28
14	A TB40/E-derived human cytomegalovirus genome with an intact US-gene region and a self-excisable BAC cassette for immunological research. BioTechniques, 2017, 63, 205-214.	1.8	27
15	The contribution of pUL74 to growth of human cytomegalovirus is masked in the presence of RL13 and UL128 expression. Journal of General Virology, 2016, 97, 1917-1927.	2.9	26
16	Effect of serum and CTL on focal growth of human cytomegalovirus. Journal of Clinical Virology, 2007, 38, 112-119.	3.1	25
17	UL74 of human cytomegalovirus reduces the inhibitory effect of gH-specific and gB-specific antibodies. Archives of Virology, 2011, 156, 2145-2155.	2.1	25
18	Tetraspanin CD151 Promotes Initial Events in Human Cytomegalovirus Infection. Journal of Virology, 2016, 90, 6430-6442.	3.4	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.	1.8	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.	4.8	23
21	Inhibition of Tetraspanin Functions Impairs Human Papillomavirus and Cytomegalovirus Infections. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3007.	4.1	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, .	3.4	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.	2.1	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.	3.4	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, .	3.4	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, .	3.4	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.	3.3	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.	0.9	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.	2.5	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.	3.9	12
31	Role of Envelope Glycoprotein Complexes in Cell-Associated Spread of Human Cytomegalovirus. <i>Viruses</i> , 2021, 13, 614.	3.3	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.	0.9	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.	4.0	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.	0.9	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.	1.6	7
36	Targeted mutagenesis on PDGFR α -Fc identifies amino acid modifications that allow efficient inhibition of HCMV infection while abolishing PDGF sequestration. <i>PLoS Pathogens</i> , 2021, 17, e1009471.	4.7	6

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37	Investigating HCMV entry into host cells by STEM tomography. Journal of Structural Biology, 2018, 204, 406-419.	2.8	4
38	Selection of Human Cytomegalovirus Mutants with Resistance against PDGFR α -Derived Entry Inhibitors. Viruses, 2021, 13, 1094.	3.3	3
39	Peptide Derivatives of Platelet-Derived Growth Factor Receptor Alpha Inhibit Cell-Associated Spread of Human Cytomegalovirus. Viruses, 2021, 13, 1780.	3.3	3
40	Transmission of cell-associated human cytomegalovirus isolates between various cell types using polymorphonuclear leukocytes as a vehicle. Medical Microbiology and Immunology, 2021, 210, 197-209.	4.8	2
41	Human Cytomegalovirus Subverts the Functions of Monocytes, Impairing Chemokine-Mediated Migration and Leukocyte Recruitment. Journal of Virology, 2013, 87, 13082-13083.	3.4	1
42	Fast and Efficient Titration of Human Cytomegalovirus Stocks with a Self-Excisable Bacterial Artificial Chromosomes Cassette by Flow Cytometry. Human Gene Therapy Methods, 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. PLoS ONE, 2017, 12, e0169580.	2.5	1
44	Viral and Cellular Factors Contributing to the Hematogenous Dissemination of Human Cytomegalovirus via Polymorphonuclear Leukocytes. Viruses, 2022, 14, 1561.	3.3	1
45	Detection of antibody-secreting cells specific for the cytomegalovirus and herpes simplex virus surface antigens. Journal of Immunological Methods, 2018, 462, 13-22.	1.4	0