

Christian Sinzger

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

1,760
citations

17
h-index

41
g-index

45
ext. papers

2,031
ext. citations

5.5
avg, IF

4.06
L-index

#	Paper	IF	Citations
41	Genetic content of wild-type human cytomegalovirus. <i>Journal of General Virology</i> , 2004 , 85, 1301-1312	4.9	439
40	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	4.9	280
39	Downregulation of natural killer cell-activating ligand CD155 by human cytomegalovirus UL141. <i>Nature Immunology</i> , 2005 , 6, 181-8	19.1	207
38	Role of human cytomegalovirus UL131A in cell type-specific virus entry and release. <i>Journal of General Virology</i> , 2006 , 87, 2451-2460	4.9	151
37	HCMV spread and cell tropism are determined by distinct virus populations. <i>PLoS Pathogens</i> , 2011 , 7, e1001256	7.6	102
36	UL74 of human cytomegalovirus contributes to virus release by promoting secondary envelopment of virions. <i>Journal of Virology</i> , 2008 , 82, 2802-12	6.6	80
35	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	3.7	58
34	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	7.6	51
33	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, 103-12	2.6	46
32	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	14.5	31
31	Tetraspanin CD151 Promotes Initial Events in Human Cytomegalovirus Infection. <i>Journal of Virology</i> , 2016 , 90, 6430-42	6.6	23
30	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, 2906-17	6.6	20
29	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	2.5	19
28	Cytomegalovirus infection impairs immunosuppressive and antimicrobial effector functions of human multipotent mesenchymal stromal cells. <i>Mediators of Inflammation</i> , 2014 , 2014, 898630	4.3	19
27	UL74 of human cytomegalovirus reduces the inhibitory effect of gH-specific and gB-specific antibodies. <i>Archives of Virology</i> , 2011 , 156, 2145-55	2.6	19
26	Effect of serum and CTL on focal growth of human cytomegalovirus. <i>Journal of Clinical Virology</i> , 2007 , 38, 112-9	14.5	19
25	A permanently growing human endothelial cell line supports productive infection with human cytomegalovirus under conditional cell growth arrest. <i>BioTechniques</i> , 2015 , 59, 127-36	2.5	17

24	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	4.9	17
23	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,	6.6	16
22	The N Terminus of Human Cytomegalovirus Glycoprotein O Is Important for Binding to the Cellular Receptor PDGFR. <i>Journal of Virology</i> , 2019 , 93,	6.6	16
21	Generation of a Gaussia luciferase-expressing endotheliotropic cytomegalovirus for screening approaches and mutant analyses. <i>Journal of Virological Methods</i> , 2016 , 235, 182-189	2.6	16
20	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, 9019-26	6.6	15
19	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	8.4	15
18	Inhibition of Tetraspanin Functions Impairs Human Papillomavirus and Cytomegalovirus Infections. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	13
17	Applications for a dual fluorescent human cytomegalovirus in the analysis of viral entry. <i>Methods in Molecular Biology</i> , 2013 , 1064, 201-9	1.4	12
16	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	3.7	10
15	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	1.4	9
14	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,	6.6	8
13	Large-Scale Screening of HCMV-Seropositive Blood Donors Indicates that HCMV Effectively Escapes from Antibodies by Cell-Associated Spread. <i>Viruses</i> , 2018 , 10,	6.2	7
12	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	7	5
11	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	2.9	5
10	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,	6.6	4
9	Investigating HCMV entry into host cells by STEM tomography. <i>Journal of Structural Biology</i> , 2018 , 204, 406-419	3.4	4
8	Role of Envelope Glycoprotein Complexes in Cell-Associated Spread of Human Cytomegalovirus. <i>Viruses</i> , 2021 , 13,	6.2	3
7	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	5.9	2

6	Targeted mutagenesis on PDGFR ^{Ec} identifies amino acid modifications that allow efficient inhibition of HCMV infection while abolishing PDGF sequestration. <i>PLoS Pathogens</i> , 2021 , 17, e1009471	7.6	1
5	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	4.9	0
4	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	4	0
3	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	1.4	0
2	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	2.5	
1	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	3.7	