Christian Sinzger

List of Publications by Year in Descending Order

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	Targeted mutagenesis on PDGFR□Fc identifies amino acid modifications that allow efficient inhibition of HCMV infection while abolishing PDGF sequestration. *PLoS Pathogens*, **2021**, 17, e1009471	7.6	1
40	Role of Envelope Glycoprotein Complexes in Cell-Associated Spread of Human Cytomegalovirus. *Viruses*, **2021**, 13,	6.2	3
39	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	0
38	Distinct Properties of Human Cytomegalovirus Strains and the Appropriate Choice of Strains for Particular Studies. *Methods in Molecular Biology*, **2021**, 2244, 19-38	1.4	0
37	Downregulation of MHC Class I Molecules by HCMV Occurs During All Phases of Viral Replication but Is Not Always Complete. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 283	5.9	2
36	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. *Journal of Virology* , **2020**, 94,	6.6	4
35	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	4.9	0
34	Dense Bodies of a gH/gL/UL128/UL130/UL131 Pentamer-Repaired Towne Strain of Human Cytomegalovirus Induce an Enhanced Neutralizing Antibody Response. *Journal of Virology*, **2019**, 93,	6.6	8
33	The N Terminus of Human Cytomegalovirus Glycoprotein O Is Important for Binding to the Cellular Receptor PDGFR□*Journal of Virology*, **2019**, 93,	6.6	16
32	Identification of Elite Neutralizers With Broad and Potent Neutralizing Activity Against Human Cytomegalovirus (HCMV) in a Population of HCMV-Seropositive Blood Donors. *Journal of Infectious Diseases*, **2018**, 218, 876-885	7	5
31	Detection of antibody-secreting cells specific for the cytomegalovirus and herpes simplex virus surface antigens. *Journal of Immunological Methods*, **2018**, 462, 13-22	2.5	
30	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. *Frontiers in Immunology*, **2018**, 9, 2734	8.4	15
29	Inhibition of Tetraspanin Functions Impairs Human Papillomavirus and Cytomegalovirus Infections. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	13
28	Large-Scale Screening of HCMV-Seropositive Blood Donors Indicates that HCMV Effectively Escapes from Antibodies by Cell-Associated Spread. *Viruses*, **2018**, 10,	6.2	7
27	Investigating HCMV entry into host cells by STEM tomography. *Journal of Structural Biology*, **2018**, 204, 406-419	3.4	4
26	Importance of Highly Conserved Peptide Sites of Human Cytomegalovirus gO for Formation of the gH/gL/gO Complex. *Journal of Virology*, **2017**, 91,	6.6	16
25	A two-step screening approach for the identification of blood donors with highly and broadly neutralizing capacities against human cytomegalovirus. *Transfusion*, **2017**, 57, 412-422	2.9	5

24	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	2.5	19
23	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	7.6	51
22	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	3.7	
21	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	4.9	17
20	Generation of a Gaussia luciferase-expressing endotheliotropic cytomegalovirus for screening approaches and mutant analyses. *Journal of Virological Methods*, **2016**, 235, 182-189	2.6	16
19	Tetraspanin CD151 Promotes Initial Events in Human Cytomegalovirus Infection. *Journal of Virology* , **2016**, 90, 6430-42	6.6	23
18	A permanently growing human endothelial cell line supports productive infection with human cytomegalovirus under conditional cell growth arrest. *BioTechniques*, **2015**, 59, 127-36	2.5	17
17	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, 2906-17	6.6	20
16	The Cellular Proteins Grb2 and DDX3 Are Increased upon Human Cytomegalovirus Infection and Act in a Proviral Fashion. *PLoS ONE*, **2015**, 10, e0131614	3.7	10
15	Cytomegalovirus infection impairs immunosuppressive and antimicrobial effector functions of human multipotent mesenchymal stromal cells. *Mediators of Inflammation*, **2014**, 2014, 898630	4.3	19
14	Distinct properties of human cytomegalovirus strains and the appropriate choice of strains for particular studies. *Methods in Molecular Biology*, **2014**, 1119, 29-46	1.4	9
13	Applications for a dual fluorescent human cytomegalovirus in the analysis of viral entry. *Methods in Molecular Biology*, **2013**, 1064, 201-9	1.4	12
12	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	3.7	58
11	UL74 of human cytomegalovirus reduces the inhibitory effect of gH-specific and gB-specific antibodies. *Archives of Virology*, **2011**, 156, 2145-55	2.6	19
10	HCMV spread and cell tropism are determined by distinct virus populations. *PLoS Pathogens*, **2011**, 7, e1001256	7.6	102
9	Mutational mapping of UL130 of human cytomegalovirus defines peptide motifs within the C-terminal third as essential for endothelial cell infection. *Journal of Virology*, **2010**, 84, 9019-26	6.6	15
8	Cloning and sequencing of a highly productive, endotheliotropic virus strain derived from human cytomegalovirus TB40/E. *Journal of General Virology*, **2008**, 89, 359-368	4.9	280
7	UL74 of human cytomegalovirus contributes to virus release by promoting secondary envelopment of virions. *Journal of Virology*, **2008**, 82, 2802-12	6.6	80

6	Effect of serum and CTL on focal growth of human cytomegalovirus. *Journal of Clinical Virology*, **2007**, 38, 112-9	14.5	19
5	Role of human cytomegalovirus UL131A in cell type-specific virus entry and release. *Journal of General Virology*, **2006**, 87, 2451-2460	4.9	151
4	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	14.5	31
3	Downregulation of natural killer cell-activating ligand CD155 by human cytomegalovirus UL141. *Nature Immunology*, **2005**, 6, 181-8	19.1	207
2	Genetic content of wild-type human cytomegalovirus. *Journal of General Virology*, **2004**, 85, 1301-1312	4.9	439
1	Quantification of replication of clinical cytomegalovirus isolates in cultured endothelial cells and fibroblasts by a focus expansion assay. *Journal of Virological Methods*, **1997**, 63, 103-12	2.6	46