

Gary C Chan

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.

27
papers

1,005
citations

15
h-index

27
g-index

27
ext. papers

1,178
ext. citations

7
avg, IF

4.15
L-index

#	Paper	IF	Citations
27	Transcriptome analysis reveals human cytomegalovirus reprograms monocyte differentiation toward an M1 macrophage. <i>Journal of Immunology</i> , 2008 , 181, 698-711	5.3	148
26	Activation of EGFR on monocytes is required for human cytomegalovirus entry and mediates cellular motility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 22369-74	11.5	139
25	Human cytomegalovirus (HCMV) infection of endothelial cells promotes naive monocyte extravasation and transfer of productive virus to enhance hematogenous dissemination of HCMV. <i>Journal of Virology</i> , 2006 , 80, 11539-55	6.6	104
24	PI3K-dependent upregulation of Mcl-1 by human cytomegalovirus is mediated by epidermal growth factor receptor and inhibits apoptosis in short-lived monocytes. <i>Journal of Immunology</i> , 2010 , 184, 3213-22	5.3	78
23	OR1411 is a receptor for the human cytomegalovirus pentameric complex and defines viral epithelial cell tropism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7043-7052	11.5	63
22	NF-kappaB and phosphatidylinositol 3-kinase activity mediates the HCMV-induced atypical M1/M2 polarization of monocytes. <i>Virus Research</i> , 2009 , 144, 329-33	6.4	60
21	Human cytomegalovirus induction of a unique signalsome during viral entry into monocytes mediates distinct functional changes: a strategy for viral dissemination. <i>Journal of Leukocyte Biology</i> , 2012 , 92, 743-52	6.5	51
20	Roles of phosphatidylinositol 3-kinase and NF-kappaB in human cytomegalovirus-mediated monocyte diapedesis and adhesion: strategy for viral persistence. <i>Journal of Virology</i> , 2007 , 81, 7683-94	6.6	51
19	Human cytomegalovirus stimulates monocyte-to-macrophage differentiation via the temporal regulation of caspase 3. <i>Journal of Virology</i> , 2012 , 86, 10714-23	6.6	47
18	Human cytomegalovirus-regulated paxillin in monocytes links cellular pathogenic motility to the process of viral entry. <i>Journal of Virology</i> , 2011 , 85, 1360-9	6.6	45
17	Transcriptome analysis of NF-kappaB- and phosphatidylinositol 3-kinase-regulated genes in human cytomegalovirus-infected monocytes. <i>Journal of Virology</i> , 2008 , 82, 1040-6	6.6	41
16	Human Cytomegalovirus Stimulates the Synthesis of Select Akt-Dependent Antiapoptotic Proteins during Viral Entry To Promote Survival of Infected Monocytes. <i>Journal of Virology</i> , 2016 , 90, 3138-47	6.6	28
15	Human Cytomegalovirus Promotes Survival of Infected Monocytes via a Distinct Temporal Regulation of Cellular Bcl-2 Family Proteins. <i>Journal of Virology</i> , 2015 , 90, 2356-71	6.6	25
14	Human Cytomegalovirus Utilizes a Nontraditional Signal Transducer and Activator of Transcription 1 Activation Cascade via Signaling through Epidermal Growth Factor Receptor and Integrins To Efficiently Promote the Motility, Differentiation, and Polarization of Infected Monocytes. <i>Journal of Virology</i> , 2017 , 91,	6.6	24
13	Human Cytomegalovirus Induces an Atypical Activation of Akt To Stimulate the Survival of Short-Lived Monocytes. <i>Journal of Virology</i> , 2016 , 90, 6443-6452	6.6	24
12	HCMV modulation of cellular PI3K/AKT/mTOR signaling: New opportunities for therapeutic intervention?. <i>Antiviral Research</i> , 2019 , 163, 82-90	10.8	14
11	Aberrant regulation of the Akt signaling network by human cytomegalovirus allows for targeting of infected monocytes. <i>Antiviral Research</i> , 2018 , 158, 13-24	10.8	11

10	BH3 Profiling Reveals Selectivity by Herpesviruses for Specific Bcl-2 Proteins To Mediate Survival of Latently Infected Cells. <i>Journal of Virology</i> , 2015 , 89, 5739-46	6.6	10
9	A Novel Human Skin Tissue Model To Study Varicella-Zoster Virus and Human Cytomegalovirus. <i>Journal of Virology</i> , 2020 , 94,	6.6	10
8	Human Cytomegalovirus Mediates Unique Monocyte-to-Macrophage Differentiation through the PI3K/SHIP1/Akt Signaling Network. <i>Viruses</i> , 2020 , 12,	6.2	9
7	Selective peptide inhibitors of antiapoptotic cellular and viral Bcl-2 proteins lead to cytochrome c release during latent Kaposi's sarcoma-associated herpesvirus infection. <i>Virus Research</i> , 2016 , 211, 86-8	6.4	6
6	Human Cytomegalovirus Glycoprotein-Initiated Signaling Mediates the Aberrant Activation of Akt. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
5	HCMV-induced signaling through gB-EGFR engagement is required for viral trafficking and nuclear translocation in primary human monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 19507-19516	11.5	5
4	Mcl-1 small-molecule inhibitors encapsulated into nanoparticles exhibit increased killing efficacy towards HCMV-infected monocytes. <i>Antiviral Research</i> , 2017 , 138, 40-46	10.8	4
3	Human Cytomegalovirus-Induced Autophagy Prevents Necroptosis of Infected Monocytes. <i>Journal of Virology</i> , 2020 , 94,	6.6	2
2	Modulation of host cell signaling during cytomegalovirus latency and reactivation. <i>Virology Journal</i> , 2021 , 18, 207	6.1	1
1	Analysis of Cytomegalovirus Glycoprotein and Cellular Receptor Interactions. <i>Methods in Molecular Biology</i> , 2021 , 2244, 199-211	1.4	