

Gary C Chan

List of Publications by Year in descending order

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27
papers

1,299
citations

471509

17
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of EGFR on monocytes is required for human cytomegalovirus entry and mediates cellular motility. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22369-22374.	7.1	177
2	Transcriptome Analysis Reveals Human Cytomegalovirus Reprograms Monocyte Differentiation toward an M1 Macrophage. Journal of Immunology, 2008, 181, 698-711.	0.8	174
3	Human Cytomegalovirus (HCMV) Infection of Endothelial Cells Promotes Naïve Monocyte Extravasation and Transfer of Productive Virus To Enhance Hematogenous Dissemination of HCMV. Journal of Virology, 2006, 80, 11539-11555.	3.4	112
4	OR1411 is a receptor for the human cytomegalovirus pentameric complex and defines viral epithelial cell tropism. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7043-7052.	7.1	97
5	PI3K-Dependent Upregulation of Mcl-1 by Human Cytomegalovirus Is Mediated by Epidermal Growth Factor Receptor and Inhibits Apoptosis in Short-Lived Monocytes. Journal of Immunology, 2010, 184, 3213-3222.	0.8	91
6	NF- κ B and phosphatidylinositol 3-kinase activity mediates the HCMV-induced atypical M1/M2 polarization of monocytes. Virus Research, 2009, 144, 329-333.	2.2	68
7	Human cytomegalovirus induction of a unique signalsome during viral entry into monocytes mediates distinct functional changes: a strategy for viral dissemination. Journal of Leukocyte Biology, 2012, 92, 743-752.	3.3	60
8	Roles of Phosphatidylinositol 3-Kinase and NF- κ B in Human Cytomegalovirus-Mediated Monocyte Diapedesis and Adhesion: Strategy for Viral Persistence. Journal of Virology, 2007, 81, 7683-7694.	3.4	57
9	Human Cytomegalovirus Stimulates Monocyte-to-Macrophage Differentiation via the Temporal Regulation of Caspase 3. Journal of Virology, 2012, 86, 10714-10723.	3.4	57
10	Human Cytomegalovirus-Regulated Paxillin in Monocytes Links Cellular Pathogenic Motility to the Process of Viral Entry. Journal of Virology, 2011, 85, 1360-1369.	3.4	50
11	Transcriptome Analysis of NF- κ B- and Phosphatidylinositol 3-Kinase-Regulated Genes in Human Cytomegalovirus-Infected Monocytes. Journal of Virology, 2008, 82, 1040-1046.	3.4	47
12	Human Cytomegalovirus Induces an Atypical Activation of Akt To Stimulate the Survival of Short-Lived Monocytes. Journal of Virology, 2016, 90, 6443-6452.	3.4	38
13	Human Cytomegalovirus Promotes Survival of Infected Monocytes via a Distinct Temporal Regulation of Cellular Bcl-2 Family Proteins. Journal of Virology, 2016, 90, 2356-2371.	3.4	35
14	Human Cytomegalovirus Stimulates the Synthesis of Select Akt-Dependent Antiapoptotic Proteins during Viral Entry To Promote Survival of Infected Monocytes. Journal of Virology, 2016, 90, 3138-3147.	3.4	35
15	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. Journal of Virology, 2017, 91, .	3.4	31
16	HCMV modulation of cellular PI3K/AKT/mTOR signaling: New opportunities for therapeutic intervention?. Antiviral Research, 2019, 163, 82-90.	4.1	29
17	Aberrant regulation of the Akt signaling network by human cytomegalovirus allows for targeting of infected monocytes. Antiviral Research, 2018, 158, 13-24.	4.1	26
18	A Novel Human Skin Tissue Model To Study Varicella-Zoster Virus and Human Cytomegalovirus. Journal of Virology, 2020, 94, .	3.4	21

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19	HCMV-induced signaling through gBâ€™EGFR engagement is required for viral trafficking and nuclear translocation in primary human monocytes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19507-19516.	7.1	18
20	Modulation of host cell signaling during cytomegalovirus latency and reactivation. Virology Journal, 2021, 18, 207.	3.4	15
21	Human Cytomegalovirus Glycoprotein-Initiated Signaling Mediates the Aberrant Activation of Akt. Journal of Virology, 2020, 94, .	3.4	14
22	Human Cytomegalovirus Mediates Unique Monocyte-to-Macrophage Differentiation through the PI3K/SHIP1/Akt Signaling Network. Viruses, 2020, 12, 652.	3.3	13
23	BH3 Profiling Reveals Selectivity by Herpesviruses for Specific Bcl-2 Proteins To Mediate Survival of Latently Infected Cells. Journal of Virology, 2015, 89, 5739-5746.	3.4	10
24	Human Cytomegalovirus-Induced Autophagy Prevents Necroptosis of Infected Monocytes. Journal of Virology, 2020, 94, .	3.4	10
25	Selective peptide inhibitors of antiapoptotic cellular and viral Bcl-2 proteins lead to cytochrome c release during latent Kaposiâ€™s sarcoma-associated herpesvirus infection. Virus Research, 2016, 211, 86-88.	2.2	8
26	Mcl-1 small-molecule inhibitors encapsulated into nanoparticles exhibit increased killing efficacy towards HCMV-infected monocytes. Antiviral Research, 2017, 138, 40-46.	4.1	4
27	Analysis of Cytomegalovirus Glycoprotein and Cellular Receptor Interactions. Methods in Molecular Biology, 2021, 2244, 199-211.	0.9	2