

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	Analysis of Cytomegalovirus Glycoprotein and Cellular Receptor Interactions. <i>Methods in Molecular Biology</i> , 2021, 2244, 199-211.	0.9	2
2	Modulation of host cell signaling during cytomegalovirus latency and reactivation. <i>Virology Journal</i> , 2021, 18, 207.	3.4	15
3	HCMV-induced signaling through gBâ€™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.	7.1	18
4	A Novel Human Skin Tissue Model To Study Varicella-Zoster Virus and Human Cytomegalovirus. <i>Journal of Virology</i> , 2020, 94, .	3.4	21
5	Human Cytomegalovirus-Induced Autophagy Prevents Necroptosis of Infected Monocytes. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
6	Human Cytomegalovirus Glycoprotein-Initiated Signaling Mediates the Aberrant Activation of Akt. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
7	Human Cytomegalovirus Mediates Unique Monocyte-to-Macrophage Differentiation through the PI3K/SHIP1/Akt Signaling Network. <i>Viruses</i> , 2020, 12, 652.	3.3	13
8	HCMV modulation of cellular PI3K/AKT/mTOR signaling: New opportunities for therapeutic intervention?. <i>Antiviral Research</i> , 2019, 163, 82-90.	4.1	29
9	OR141I 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.	7.1	97
10	Aberrant regulation of the Akt signaling network by human cytomegalovirus allows for targeting of infected monocytes. <i>Antiviral Research</i> , 2018, 158, 13-24.	4.1	26
11	Mcl-1 small-molecule inhibitors encapsulated into nanoparticles exhibit increased killing efficacy towards HCMV-infected monocytes. <i>Antiviral Research</i> , 2017, 138, 40-46.	4.1	4
12	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, .	3.4	31
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.	3.4	38
14	Human Cytomegalovirus Promotes Survival of Infected Monocytes via a Distinct Temporal Regulation of Cellular Bcl-2 Family Proteins. <i>Journal of Virology</i> , 2016, 90, 2356-2371.	3.4	35
15	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, 3138-3147.	3.4	35
16	Selective peptide inhibitors of antiapoptotic cellular and viral Bcl-2 proteins lead to cytochrome c release during latent Kaposiâ€™s sarcoma-associated herpesvirus infection. <i>Virus Research</i> , 2016, 211, 86-88.	2.2	8
17	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, 5739-5746.	3.4	10
18	Human Cytomegalovirus Stimulates Monocyte-to-Macrophage Differentiation via the Temporal Regulation of Caspase 3. <i>Journal of Virology</i> , 2012, 86, 10714-10723.	3.4	57

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19	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, 743-752.	3.3	60
20	Human Cytomegalovirus-Regulated Paxillin in Monocytes Links Cellular Pathogenic Motility to the Process of Viral Entry. <i>Journal of Virology</i> , 2011, 85, 1360-1369.	3.4	50
21	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, 3213-3222.	0.8	91
22	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, 22369-22374.	7.1	177
23	NF- κ B and phosphatidylinositol 3-kinase activity mediates the HCMV-induced atypical M1/M2 polarization of monocytes. <i>Virus Research</i> , 2009, 144, 329-333.	2.2	68
24	Transcriptome Analysis of NF- κ B- and Phosphatidylinositol 3-Kinase-Regulated Genes in Human Cytomegalovirus-Infected Monocytes. <i>Journal of Virology</i> , 2008, 82, 1040-1046.	3.4	47
25	Transcriptome Analysis Reveals Human Cytomegalovirus Reprograms Monocyte Differentiation toward an M1 Macrophage. <i>Journal of Immunology</i> , 2008, 181, 698-711.	0.8	174
26	Roles of Phosphatidylinositol 3-Kinase and NF- κ B in Human Cytomegalovirus-Mediated Monocyte Diapedesis and Adhesion: Strategy for Viral Persistence. <i>Journal of Virology</i> , 2007, 81, 7683-7694.	3.4	57
27	Human Cytomegalovirus (HCMV) Infection of Endothelial Cells Promotes Naïve Monocyte Extravasation and Transfer of Productive Virus To Enhance Hematogenous Dissemination of HCMV. <i>Journal of Virology</i> , 2006, 80, 11539-11555.	3.4	112