Brian P Mcsharry

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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.

50 papers	3,500 citations	26 h-index	52 g-index
52 ext. papers	4,032 ext. citations	8 avg, IF	4.88 L-index

#	Paper	IF	Citations
50	Surface expression of HLA-E, an inhibitor of natural killer cells, enhanced by human cytomegalovirus gpUL40. *Science*, **2000**, 287, 1031	33.3	478
49	Genetic content of wild-type human cytomegalovirus. *Journal of General Virology*, **2004**, 85, 1301-1312	4.9	439
48	Downregulation of natural killer cell-activating ligand CD155 by human cytomegalovirus UL141. *Nature Immunology*, **2005**, 6, 181-8	19.1	207
47	Complex I binding by a virally encoded RNA regulates mitochondria-induced cell death. *Science*, **2007**, 316, 1345-8	33.3	203
46	Manipulation of the Innate Immune Response by Varicella Zoster Virus. *Frontiers in Immunology*, **2020**, 11, 1	8.4	198
45	Modulation of natural killer cells by human cytomegalovirus. *Journal of Clinical Virology*, **2008**, 41, 206-12	14.5	196
44	Reconstruction of the complete human cytomegalovirus genome in a BAC reveals RL13 to be a potent inhibitor of replication. *Journal of Clinical Investigation*, **2010**, 120, 3191-208	15.9	168
43	Sequential mutations associated with adaptation of human cytomegalovirus to growth in cell culture. *Journal of General Virology*, **2010**, 91, 1535-46	4.9	140
42	UL40-mediated NK evasion during productive infection with human cytomegalovirus. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 7570-5	11.5	125
41	Two novel spliced genes in human cytomegalovirus. *Journal of General Virology*, **2003**, 84, 1117-1122	4.9	116
40	Innate immune genes synergize to predict increased risk of chronic disease in hepatitis C virus infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 5736-41	11.5	106
39	The human cytomegalovirus MHC class I homolog UL18 inhibits LIR-1+ but activates LIR-1- NK cells. *Journal of Immunology*, **2007**, 178, 4473-81	5.3	105
38	Two novel human cytomegalovirus NK cell evasion functions target MICA for lysosomal degradation. *PLoS Pathogens*, **2014**, 10, e1004058	7.6	96
37	Re-engineering adenovirus vector systems to enable high-throughput analyses of gene function. *BioTechniques*, **2008**, 45, 659-62, 664-8	2.5	85
36	Adenovirus E3/19K promotes evasion of NK cell recognition by intracellular sequestration of the NKG2D ligands major histocompatibility complex class I chain-related proteins A and B. *Journal of Virology*, **2008**, 82, 4585-94	6.6	80
35	Human cytomegalovirus encoded homologs of cytokines, chemokines and their receptors: roles in immunomodulation. *Viruses*, **2012**, 4, 2448-70	6.2	71
34	The TNF-like protein 1A-death receptor 3 pathway promotes macrophage foam cell formation in vitro. *Journal of Immunology*, **2010**, 184, 5827-34	5.3	66

33	Human cytomegalovirus UL40 signal peptide regulates cell surface expression of the NK cell ligands HLA-E and gpUL18. *Journal of Immunology*, **2012**, 188, 2794-804	5.3	61
32	Human cytomegalovirus interleukin-10 polarizes monocytes toward a deactivated M2c phenotype to repress host immune responses. *Journal of Virology*, **2013**, 87, 10273-82	6.6	58
31	Differential requirements of the C terminus of Nbs1 in suppressing adenovirus DNA replication and promoting concatemer formation. *Journal of Virology*, **2008**, 82, 8362-72	6.6	47
30	Human Cytomegalovirus-Encoded Human Interleukin-10 (IL-10) Homolog Amplifies Its Immunomodulatory Potential by Upregulating Human IL-10 in Monocytes. *Journal of Virology*, **2016**, 90, 3819-3827	6.6	46
29	Interferon-Independent Upregulation of Interferon-Stimulated Genes during Human Cytomegalovirus Infection is Dependent on IRF3 Expression. *Viruses*, **2019**, 11,	6.2	39
28	Posttranscriptional suppression of interleukin-6 production by human cytomegalovirus. *Journal of Virology*, **2005**, 79, 472-85	6.6	38
27	Varicella zoster virus productively infects human natural killer cells and manipulates phenotype. *PLoS Pathogens*, **2018**, 14, e1006999	7.6	34
26	Cytomegalovirus Restructures Lipid Rafts via a US28/CDC42-Mediated Pathway, Enhancing Cholesterol Efflux from Host Cells. *Cell Reports*, **2016**, 16, 186-200	10.6	30
25	Varicella-Zoster Virus and Herpes Simplex Virus 1 Differentially Modulate NKG2D Ligand Expression during Productive Infection. *Journal of Virology*, **2015**, 89, 7932-43	6.6	28
24	Modulation of dendritic cell functions by viral IL-10 encoded by human cytomegalovirus. *Frontiers in Microbiology*, **2014**, 5, 337	5.7	23
23	The most abundantly transcribed human cytomegalovirus gene (beta 2.7) is non-essential for growth in vitro. *Journal of General Virology*, **2003**, 84, 2511-2516	4.9	22
22	Characterization of a highly glycosylated form of the human cytomegalovirus HLA class I homologue gpUL18. *Journal of General Virology*, **2005**, 86, 2999-3008	4.9	20
21	Human cytomegalovirus upregulates expression of the lectin galectin 9 via induction of beta interferon. *Journal of Virology*, **2014**, 88, 10990-4	6.6	18
20	Varicella zoster virus encodes a viral decoy RHIM to inhibit cell death. *PLoS Pathogens*, **2020**, 16, e1008473	7.6	16
19	Differential relocation and stability of PML-body components during productive human cytomegalovirus infection: detailed characterization by live-cell imaging. *European Journal of Cell Biology*, **2010**, 89, 757-68	6.1	16
18	Virus-Mediated Suppression of the Antigen Presentation Molecule MR1. *Cell Reports*, **2020**, 30, 2948-2962.e4	7.6	15
17	Abrogation of the interferon response promotes more efficient human cytomegalovirus replication. *Journal of Virology*, **2015**, 89, 1479-83	6.6	15
16	Gal power: the diverse roles of galectins in regulating viral infections. *Journal of General Virology*, **2019**, 100, 333-349	4.9	15

15	Interferon-Independent Innate Responses to Cytomegalovirus. *Frontiers in Immunology*, **2019**, 10, 2751	8.4	14
14	Adenovirus vector delivery stimulates natural killer cell recognition. *Journal of General Virology*, **2007**, 88, 1103-1108	4.9	13
13	Restriction of Human Cytomegalovirus Infection by Galectin-9. *Journal of Virology*, **2019**, 93,	6.6	13
12	Varicella-Zoster Virus ORF63 Protects Human Neuronal and Keratinocyte Cell Lines from Apoptosis and Changes Its Localization upon Apoptosis Induction. *Journal of Virology*, **2018**, 92,	6.6	10
11	Functional paralysis of human natural killer cells by alphaherpesviruses. *PLoS Pathogens*, **2019**, 15, e1007784	7.8	9
10	Nuclear domain 10 components upregulated via interferon during human cytomegalovirus infection potently regulate viral infection. *Journal of General Virology*, **2017**, 98, 1795-1805	4.9	9
9	Granzyme B Cleaves Multiple Herpes Simplex Virus 1 and Varicella-Zoster Virus (VZV) Gene Products, and VZV ORF4 Inhibits Natural Killer Cell Cytotoxicity. *Journal of Virology*, **2019**, 93,	6.6	5
8	Human Natural Killer cell expression of ULBP2 is associated with a mature functional phenotype. *Human Immunology*, **2016**, 77, 876-885	2.3	4
7	The Role of NK Cells in Bacterial Infections **2010**, 153-175		2
6	Varicella zoster virus impairs expression of the non-classical major histocompatibility complex class I-related gene protein (MR1). *Journal of Infectious Diseases*, **2021**,	7	1
5	Targeting Aryl Hydrocarbon Receptor Signaling Enhances Type I Interferon-Independent Resistance to Herpes Simplex Virus. *Microbiology Spectrum*, **2021**, 9, e0047321	8.9	0
4	Varicella zoster virus encodes a viral decoy RHIM to inhibit cell death **2020**, 16, e1008473		
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