

Gavin Wg Wilkinson

List of Publications by Year in Descending Order

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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.

66
papers

5,591
citations

41
h-index

70
g-index

70
ext. papers

6,225
ext. citations

10.1
avg, IF

4.77
L-index

#	Paper	IF	Citations
66	Monoclonal antibodies targeting nonstructural viral antigens can activate ADCC against human cytomegalovirus. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	3
65	Human cytomegalovirus interactome analysis identifies degradation hubs, domain associations and viral protein functions. <i>ELife</i> , 2019 , 8,	8.9	32
64	High-Definition Analysis of Host Protein Stability during Human Cytomegalovirus Infection Reveals Antiviral Factors and Viral Evasion Mechanisms. <i>Cell Host and Microbe</i> , 2018 , 24, 447-460.e11	23.4	47
63	Control of immune ligands by members of a cytomegalovirus gene expansion suppresses natural killer cell activation. <i>ELife</i> , 2017 , 6,	8.9	46
62	CD200 receptor restriction of myeloid cell responses antagonizes antiviral immunity and facilitates cytomegalovirus persistence within mucosal tissue. <i>PLoS Pathogens</i> , 2015 , 11, e1004641	7.6	12
61	Plasma membrane profiling defines an expanded class of cell surface proteins selectively targeted for degradation by HCMV US2 in cooperation with UL141. <i>PLoS Pathogens</i> , 2015 , 11, e1004811	7.6	55
60	Human cytomegalovirus: taking the strain. <i>Medical Microbiology and Immunology</i> , 2015 , 204, 273-84	4	76
59	Abrogation of the interferon response promotes more efficient human cytomegalovirus replication. <i>Journal of Virology</i> , 2015 , 89, 1479-83	6.6	15
58	HCMV pUL135 remodels the actin cytoskeleton to impair immune recognition of infected cells. <i>Cell Host and Microbe</i> , 2014 , 16, 201-214	23.4	46
57	Quantitative temporal viromics: an approach to investigate host-pathogen interaction. <i>Cell</i> , 2014 , 157, 1460-1472	56.2	292
56	HPV integration detection in CaSki and SiHa using detection of integrated papillomavirus sequences and restriction-site PCR. <i>Journal of Virological Methods</i> , 2014 , 206, 51-4	2.6	9
55	Two novel human cytomegalovirus NK cell evasion functions target MICA for lysosomal degradation. <i>PLoS Pathogens</i> , 2014 , 10, e1004058	7.6	96
54	Neutrophils recruited by IL-22 in peripheral tissues function as TRAIL-dependent antiviral effectors against MCMV. <i>Cell Host and Microbe</i> , 2014 , 15, 471-83	23.4	49
53	Human cytomegalovirus glycoprotein UL141 targets the TRAIL death receptors to thwart host innate antiviral defenses. <i>Cell Host and Microbe</i> , 2013 , 13, 324-35	23.4	75
52	Potential for Natural Killer Cell-Mediated Antibody-Dependent Cellular Cytotoxicity for Control of Human Cytomegalovirus. <i>Antibodies</i> , 2013 , 2, 617-635	7	5
51	Human cytomegalovirus UL40 signal peptide regulates cell surface expression of the NK cell ligands HLA-E and gpUL18. <i>Journal of Immunology</i> , 2012 , 188, 2794-804	5.3	61
50	High-resolution human cytomegalovirus transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 19755-60	11.5	161

49	IL-10 restricts activation-induced death of NK cells during acute murine cytomegalovirus infection. <i>Journal of Immunology</i> , 2011 , 187, 2944-52	5.3	37
48	The TNF-like protein 1A-death receptor 3 pathway promotes macrophage foam cell formation in vitro. <i>Journal of Immunology</i> , 2010 , 184, 5827-34	5.3	66
47	The inhibitor of cyclin-dependent kinases, olomoucine II, exhibits potent antiviral properties. <i>Antiviral Chemistry and Chemotherapy</i> , 2010 , 20, 133-42	3.5	16
46	Differential relocation and stability of PML-body components during productive human cytomegalovirus infection: detailed characterization by live-cell imaging. <i>European Journal of Cell Biology</i> , 2010 , 89, 757-68	6.1	16
45	Reconstruction of the complete human cytomegalovirus genome in a BAC reveals RL13 to be a potent inhibitor of replication. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3191-208	15.9	168
44	Jenner's irony: cowpox taps into T cell evasion. <i>Cell Host and Microbe</i> , 2009 , 6, 395-7	23.4	3
43	Modulation of natural killer cells by human cytomegalovirus. <i>Journal of Clinical Virology</i> , 2008 , 41, 206-12	4.5	196
42	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. <i>Journal of Virology</i> , 2008 , 82, 4585-94	6.6	80
41	Differential requirements of the C terminus of Nbs1 in suppressing adenovirus DNA replication and promoting concatemer formation. <i>Journal of Virology</i> , 2008 , 82, 8362-72	6.6	47
40	Re-engineering adenovirus vector systems to enable high-throughput analyses of gene function. <i>BioTechniques</i> , 2008 , 45, 659-62, 664-8	2.5	85
39	Genotypic analysis of two hypervariable human cytomegalovirus genes. <i>Journal of Medical Virology</i> , 2008 , 80, 1615-23	19.7	48
38	Cytomegalovirus destruction of focal adhesions revealed in a high-throughput Western blot analysis of cellular protein expression. <i>Journal of Virology</i> , 2007 , 81, 7860-72	6.6	41
37	The human cytomegalovirus MHC class I homolog UL18 inhibits LIR-1+ but activates LIR-1- NK cells. <i>Journal of Immunology</i> , 2007 , 178, 4473-81	5.3	105
36	Human Daxx-mediated repression of human cytomegalovirus gene expression correlates with a repressive chromatin structure around the major immediate early promoter. <i>Journal of Biological Chemistry</i> , 2006 , 281, 37652-60	5.4	129
35	Downregulation of natural killer cell-activating ligand CD155 by human cytomegalovirus UL141. <i>Nature Immunology</i> , 2005 , 6, 181-8	19.1	207
34	A high-efficiency system of natural killer cell cloning. <i>Journal of Immunological Methods</i> , 2005 , 307, 24-33	3.5	13
33	Stability of human cytomegalovirus genotypes in persistently infected renal transplant recipients. <i>Journal of Medical Virology</i> , 2005 , 75, 42-6	19.7	58
32	Posttranscriptional suppression of interleukin-6 production by human cytomegalovirus. <i>Journal of Virology</i> , 2005 , 79, 472-85	6.6	38

31	Human cytomegalovirus encodes an MHC class I-like molecule (UL142) that functions to inhibit NK cell lysis. <i>Journal of Immunology</i> , 2005 , 175, 7457-65	5.3	116
30	Genetic content of wild-type human cytomegalovirus. <i>Journal of General Virology</i> , 2004 , 85, 1301-1312	4.9	439
29	Characterization and manipulation of the human adenovirus 4 genome. <i>Journal of General Virology</i> , 2004 , 85, 3361-3366	4.9	13
28	Two novel spliced genes in human cytomegalovirus. <i>Journal of General Virology</i> , 2003 , 84, 1117-1122	4.9	116
27	Analysis of human herpesvirus-6 IE1 sequence variation in clinical samples. <i>Journal of Medical Virology</i> , 2003 , 71, 578-84	19.7	11
26	The most abundantly transcribed human cytomegalovirus gene (beta 2.7) is non-essential for growth in vitro. <i>Journal of General Virology</i> , 2003 , 84, 2511-2516	4.9	22
25	Homology between the human cytomegalovirus RL11 gene family and human adenovirus E3 genes. <i>Journal of General Virology</i> , 2003 , 84, 657-663	4.9	69
24	UL40-mediated NK evasion during productive infection with human cytomegalovirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 7570-5	11.5	125
23	Analysis of the human herpesvirus-6 immediate-early 1 protein. <i>Journal of General Virology</i> , 2002 , 83, 2811-2820	4.9	18
22	Adenovirus cancer gene therapy. <i>Perspectives in Medical Virology</i> , 2001 , 5, 479-521		
21	Human telomerase reverse transcriptase-immortalized MRC-5 and HCA2 human fibroblasts are fully permissive for human cytomegalovirus. <i>Journal of General Virology</i> , 2001 , 82, 855-863	4.9	57
20	Central nervous system toxicity of two adenoviral vectors encoding variants of the herpes simplex virus type 1 thymidine kinase: reduced cytotoxicity of a truncated HSV1-TK. <i>Gene Therapy</i> , 2000 , 7, 679-85	4.5	45
19	Surface expression of HLA-E, an inhibitor of natural killer cells, enhanced by human cytomegalovirus gpUL40. <i>Science</i> , 2000 , 287, 1031	33.3	478
18	CTL epitopes identified with a defective recombinant adenovirus expressing measles virus nucleoprotein and evaluation of their protective capacity in mice. <i>Virus Research</i> , 1999 , 65, 75-86	6.4	23
17	An outbreak of epidemic keratoconjunctivitis caused by adenovirus type 37. <i>Journal of Medical Microbiology</i> , 1998 , 47, 91-4	3.2	11
16	The human cytomegalovirus US6 glycoprotein inhibits transporter associated with antigen processing-dependent peptide translocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 6904-9	11.5	241
15	Therapeutic vaccines for cervical cancer: concept and clinical results. <i>BioDrugs</i> , 1997 , 8, 331-8	7.9	2
14	A recombinant vaccinia virus encoding human papillomavirus types 16 and 18, E6 and E7 proteins as immunotherapy for cervical cancer. <i>Lancet, The</i> , 1996 , 347, 1523-7	4.0	434

13	Development of recombinant adenoviruses that drive high level expression of the human metalloproteinase-9 and tissue inhibitor of metalloproteinase-1 and -2 genes: characterization of their infection into rabbit smooth muscle cells and human MCF-7 adenocarcinoma cells. <i>Matrix Biology</i> , 1996 , 15, 383-95	11.4	47
12	Agonist-stimulated free calcium in subcellular compartments. Delivery of recombinant aequorin to organelles using a replication deficient adenovirus vector. <i>Cell Calcium</i> , 1996 , 19, 133-42	4	24
11	Immunization of mice with plasmid DNA expressing the measles virus nucleoprotein gene. <i>Viral Immunology</i> , 1996 , 9, 65-71	1.7	28
10	High-level expression of the measles virus nucleocapsid protein by using a replication-deficient adenovirus vector: induction of an MHC-1-restricted CTL response and protection in a murine model. <i>Virology</i> , 1995 , 210, 456-65	3.6	65
9	Expression of the measles virus nucleoprotein gene in Escherichia coli and assembly of nucleocapsid-like structures. <i>Gene</i> , 1995 , 160, 173-8	3.8	49
8	Gene therapy and viral vaccination: the interface. <i>British Medical Bulletin</i> , 1995 , 51, 205-16	5.4	10
7	Constitutive and enhanced expression from the CMV major IE promoter in a defective adenovirus vector. <i>Nucleic Acids Research</i> , 1992 , 20, 2233-9	20.1	197
6	High-level expression of the tick-borne encephalitis virus NS1 protein by using an adenovirus-based vector: protection elicited in a murine model. <i>Journal of Virology</i> , 1992 , 66, 2086-95	6.6	69
5	HIV-1 indicator cell lines. <i>Aids</i> , 1991 , 5, 153-8	3.5	25
4	Nucleotide sequence of the most abundantly transcribed early gene of human cytomegalovirus strain AD169. <i>Virus Research</i> , 1987 , 7, 17-31	6.4	67
3	The structure of the major immediate early gene of human cytomegalovirus strain AD169. <i>Virus Research</i> , 1985 , 2, 107-21	6.4	165
2	Transcription of the immediate early genes of human cytomegalovirus strain AD169. <i>Virus Research</i> , 1984 , 1, 101-6	6.4	85
1	Use of recombinant plasmids to investigate the structure of the human cytomegalovirus genome. <i>Journal of General Virology</i> , 1982 , 59, 111-29	4.9	91