

Gavin Wg Wilkinson

List of Publications by Year in descending order

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68
papers

6,831
citations

61984

43
h-index

98798

67
g-index

70
all docs

70
docs citations

70
times ranked

5616
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Expression of HLA-E, an Inhibitor of Natural Killer Cells, Enhanced by Human Cytomegalovirus gpUL40. <i>Science</i> , 2000, 287, 1031-1033.	12.6	554
2	Genetic content of wild-type human cytomegalovirus. <i>Journal of General Virology</i> , 2004, 85, 1301-1312.	2.9	500
3	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, 1523-1527.	13.7	496
4	Quantitative Temporal Viromics: An Approach to Investigate Host-Pathogen Interaction. <i>Cell</i> , 2014, 157, 1460-1472.	28.9	409
5	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, 6904-6909.	7.1	262
6	Modulation of natural killer cells by human cytomegalovirus. <i>Journal of Clinical Virology</i> , 2008, 41, 206-212.	3.1	236
7	Downregulation of natural killer cell-activating ligand CD155 by human cytomegalovirus UL141. <i>Nature Immunology</i> , 2005, 6, 181-188.	14.5	231
8	Constitutive and enhanced expression from the CMV major IE promoter in a defective adenovirus vector. <i>Nucleic Acids Research</i> , 1992, 20, 2233-2239.	14.5	225
9	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, 3191-3208.	8.2	222
10	The structure of the major immediate early gene of human cytomegalovirus strain AD169. <i>Virus Research</i> , 1985, 2, 107-121.	2.2	212
11	High-resolution human cytomegalovirus transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19755-19760.	7.1	209
12	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, 7570-7575.	7.1	151
13	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, 37652-37660.	3.4	139
14	Two novel spliced genes in human cytomegalovirus. <i>Journal of General Virology</i> , 2003, 84, 1117-1122.	2.9	126
15	Human Cytomegalovirus Encodes an MHC Class I-Like Molecule (UL142) That Functions to Inhibit NK Cell Lysis. <i>Journal of Immunology</i> , 2005, 175, 7457-7465.	0.8	125
16	Transcription of the immediate early genes of human cytomegalovirus strain AD169. <i>Virus Research</i> , 1984, 1, 101-116.	2.2	124
17	Two Novel Human Cytomegalovirus NK Cell Evasion Functions Target MICA for Lysosomal Degradation. <i>PLoS Pathogens</i> , 2014, 10, e1004058.	4.7	123
18	Use of Recombinant Plasmids to Investigate the Structure of the Human Cytomegalovirus Genome. <i>Journal of General Virology</i> , 1982, 59, 111-129.	2.9	120

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19	The Human Cytomegalovirus MHC Class I Homolog UL18 Inhibits LIR-1+ but Activates LIR-1 ^{hi} NK Cells. <i>Journal of Immunology</i> , 2007, 178, 4473-4481.	0.8	120
20	Human cytomegalovirus: taking the strain. <i>Medical Microbiology and Immunology</i> , 2015, 204, 273-284.	4.8	119
21	Re-engineering adenovirus vector systems to enable high-throughput analyses of gene function. <i>BioTechniques</i> , 2008, 45, 659-668.	1.8	112
22	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, 4585-4594.	3.4	95
23	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.	11.0	93
24	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, 2086-2095.	3.4	93
25	Nucleotide sequence of the most abundantly transcribed early gene of human cytomegalovirus strain AD169. <i>Virus Research</i> , 1987, 7, 17-31.	2.2	90
26	Human Cytomegalovirus Glycoprotein UL141 Targets the TRAIL Death Receptors to Thwart Host Innate Antiviral Defenses. <i>Cell Host and Microbe</i> , 2013, 13, 324-335.	11.0	86
27	Human cytomegalovirus interactome analysis identifies degradation hubs, domain associations and viral protein functions. <i>ELife</i> , 2019, 8, .	6.0	84
28	Homology between the human cytomegalovirus RL11 gene family and human adenovirus E3 genes. <i>Journal of General Virology</i> , 2003, 84, 657-663.	2.9	79
29	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, 456-465.	2.4	78
30	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, 2794-2804.	0.8	77
31	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.	4.7	73
32	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.	2.9	72
33	The TNF-Like Protein 1A ^{hi} Death Receptor 3 Pathway Promotes Macrophage Foam Cell Formation In Vitro. <i>Journal of Immunology</i> , 2010, 184, 5827-5834.	0.8	69
34	HCMV pUL135 Remodels the Actin Cytoskeleton to Impair Immune Recognition of Infected Cells. <i>Cell Host and Microbe</i> , 2014, 16, 201-214.	11.0	67
35	Control of immune ligands by members of a cytomegalovirus gene expansion suppresses natural killer cell activation. <i>ELife</i> , 2017, 6, .	6.0	67
36	Stability of human cytomegalovirus genotypes in persistently infected renal transplant recipients. <i>Journal of Medical Virology</i> , 2005, 75, 42-46.	5.0	65

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37	Neutrophils Recruited by IL-22 in Peripheral Tissues Function as TRAIL-Dependent Antiviral Effectors against MCMV. <i>Cell Host and Microbe</i> , 2014, 15, 471-483.	11.0	58
38	Expression of the measles virus nucleoprotein gene in <i>Escherichia coli</i> and assembly of nucleocapsid-like structures. <i>Gene</i> , 1995, 160, 173-178.	2.2	56
39	Genotypic analysis of two hypervariable human cytomegalovirus genes. <i>Journal of Medical Virology</i> , 2008, 80, 1615-1623.	5.0	54
40	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, 383-395.	3.6	52
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, 8362-8372.	3.4	52
42	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, 679-685.	4.5	49
43	Cytomegalovirus Destruction of Focal Adhesions Revealed in a High-Throughput Western Blot Analysis of Cellular Protein Expression. <i>Journal of Virology</i> , 2007, 81, 7860-7872.	3.4	48
44	IL-10 Restricts Activation-Induced Death of NK Cells during Acute Murine Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2011, 187, 2944-2952.	0.8	45
45	Posttranscriptional Suppression of Interleukin-6 Production by Human Cytomegalovirus. <i>Journal of Virology</i> , 2005, 79, 472-485.	3.4	44
46	HIV-1 indicator cell lines. <i>Aids</i> , 1991, 5, 153-158.	2.2	33
47	The most abundantly transcribed human cytomegalovirus gene ($\hat{I}2.7$) is non-essential for growth in vitro. <i>Journal of General Virology</i> , 2003, 84, 2511-2516.	2.9	31
48	Immunization of Mice with Plasmid DNA Expressing the Measles Virus Nucleoprotein Gene. <i>Viral Immunology</i> , 1996, 9, 65-71.	1.3	29
49	Agonist-stimulated free calcium in subcellular compartments. <i>Cell Calcium</i> , 1996, 19, 133-142.	2.4	26
50	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.	2.2	24
51	The Inhibitor of Cyclin-Dependent Kinases, Olomoucine II, Exhibits Potent Antiviral Properties. <i>Antiviral Chemistry and Chemotherapy</i> , 2010, 20, 133-142.	0.6	19
52	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, 757-768.	3.6	19
53	Abrogation of the Interferon Response Promotes More Efficient Human Cytomegalovirus Replication. <i>Journal of Virology</i> , 2015, 89, 1479-1483.	3.4	19
54	Analysis of the human herpesvirus-6 immediate-early 1 protein. <i>Journal of General Virology</i> , 2002, 83, 2811-2820.	2.9	19

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55	Gene therapy and viral vaccination: the interface. British Medical Bulletin, 1995, 51, 205-216.	6.9	17
56	Cytomegalovirus: from evasion to suppression?. Nature Immunology, 2001, 2, 993-994.	14.5	17
57	Monoclonal antibodies targeting nonstructural viral antigens can activate ADCC against human cytomegalovirus. Journal of Clinical Investigation, 2021, 131, .	8.2	17
58	CD200 Receptor Restriction of Myeloid Cell Responses Antagonizes Antiviral Immunity and Facilitates Cytomegalovirus Persistence within Mucosal Tissue. PLoS Pathogens, 2015, 11, e1004641.	4.7	16
59	An Outbreak of Epidemic Keratoconjunctivitis Caused by Adenovirus Type 37. Journal of Medical Microbiology, 1998, 47, 91-94.	1.8	14
60	Characterization and manipulation of the human adenovirus 4 genome. Journal of General Virology, 2004, 85, 3361-3366.	2.9	14
61	HPV integration detection in CaSki and SiHa using detection of integrated papillomavirus sequences and restriction-site PCR. Journal of Virological Methods, 2014, 206, 51-54.	2.1	14
62	Analysis of human herpesvirus-6 IE1 sequence variation in clinical samples. Journal of Medical Virology, 2003, 71, 578-584.	5.0	13
63	A high-efficiency system of natural killer cell cloning. Journal of Immunological Methods, 2005, 307, 24-33.	1.4	13
64	Potential for Natural Killer Cell-Mediated Antibody-Dependent Cellular Cytotoxicity for Control of Human Cytomegalovirus. Antibodies, 2013, 2, 617-635.	2.5	7
65	Jenner's Irony: Cowpox Taps into T Cell Evasion. Cell Host and Microbe, 2009, 6, 395-397.	11.0	4
66	Therapeutic Vaccines for Cervical Cancer. BioDrugs, 1997, 8, 331-338.	4.6	2
67	Adenovirus cancer gene therapy. Perspectives in Medical Virology, 2001, 5, 479-521.	0.1	0
68	87. Cytokine, 2014, 70, 48-49.	3.2	0