Gavin Wg Wilkinson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5087678/publications.pdf

Version: 2024-02-01

68 papers	6,831 citations	61857 43 h-index	98622 67 g-index
70 all docs	70 docs citations	70 times ranked	5616 citing authors

#	Article	IF	Citations
1	Monoclonal antibodies targeting nonstructural viral antigens can activate ADCC against human cytomegalovirus. Journal of Clinical Investigation, 2021, 131, .	3.9	17
2	Human cytomegalovirus interactome analysis identifies degradation hubs, domain associations and viral protein functions. ELife, 2019, 8, .	2.8	84
3	High-Definition Analysis of Host Protein Stability during Human Cytomegalovirus Infection Reveals Antiviral Factors and Viral Evasion Mechanisms. Cell Host and Microbe, 2018, 24, 447-460.e11.	5.1	93
4	Control of immune ligands by members of a cytomegalovirus gene expansion suppresses natural killer cell activation. ELife, 2017, 6, .	2.8	67
5	Abrogation of the Interferon Response Promotes More Efficient Human Cytomegalovirus Replication. Journal of Virology, 2015, 89, 1479-1483.	1.5	19
6	CD200 Receptor Restriction of Myeloid Cell Responses Antagonizes Antiviral Immunity and Facilitates Cytomegalovirus Persistence within Mucosal Tissue. PLoS Pathogens, 2015, 11, e1004641.	2.1	16
7	Plasma Membrane Profiling Defines an Expanded Class of Cell Surface Proteins Selectively Targeted for Degradation by HCMV US2 in Cooperation with UL141. PLoS Pathogens, 2015, 11, e1004811.	2.1	73
8	Human cytomegalovirus: taking the strain. Medical Microbiology and Immunology, 2015, 204, 273-284.	2.6	119
9	Two Novel Human Cytomegalovirus NK Cell Evasion Functions Target MICA for Lysosomal Degradation. PLoS Pathogens, 2014, 10, e1004058.	2.1	123
10	Neutrophils Recruited by IL-22 in Peripheral Tissues Function as TRAIL-Dependent Antiviral Effectors against MCMV. Cell Host and Microbe, 2014, 15, 471-483.	5.1	58
11	87. Cytokine, 2014, 70, 48-49.	1.4	0
12	HCMV pUL135 Remodels the Actin Cytoskeleton to Impair Immune Recognition of Infected Cells. Cell Host and Microbe, 2014, 16, 201-214.	5.1	67
13	Quantitative Temporal Viromics: An Approach to Investigate Host-Pathogen Interaction. Cell, 2014, 157, 1460-1472.	13.5	409
14	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.	1.0	14
15	Human Cytomegalovirus Glycoprotein UL141 Targets the TRAIL Death Receptors to Thwart Host Innate Antiviral Defenses. Cell Host and Microbe, 2013, 13, 324-335.	5.1	86
16	Potential for Natural Killer Cell-Mediated Antibody-Dependent Cellular Cytotoxicity for Control of Human Cytomegalovirus. Antibodies, 2013, 2, 617-635.	1.2	7
17	Human Cytomegalovirus UL40 Signal Peptide Regulates Cell Surface Expression of the NK Cell Ligands HLA-E and gpUL18. Journal of Immunology, 2012, 188, 2794-2804.	0.4	77
18	High-resolution human cytomegalovirus transcriptome. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19755-19760.	3.3	209

#	Article	IF	Citations
19	IL-10 Restricts Activation-Induced Death of NK Cells during Acute Murine Cytomegalovirus Infection. Journal of Immunology, 2011, 187, 2944-2952.	0.4	45
20	The Inhibitor of Cyclin-Dependent Kinases, Olomoucine II, Exhibits Potent Antiviral Properties. Antiviral Chemistry and Chemotherapy, 2010, 20, 133-142.	0.3	19
21	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, 757-768.	1.6	19
22	The TNF-Like Protein 1Aâ€"Death Receptor 3 Pathway Promotes Macrophage Foam Cell Formation In Vitro. Journal of Immunology, 2010, 184, 5827-5834.	0.4	69
23	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, 3191-3208.	3.9	222
24	Jenner's Irony: Cowpox Taps into T Cell Evasion. Cell Host and Microbe, 2009, 6, 395-397.	5.1	4
25	Genotypic analysis of two hypervariable human cytomegalovirus genes. Journal of Medical Virology, 2008, 80, 1615-1623.	2.5	54
26	Modulation of natural killer cells by human cytomegalovirus. Journal of Clinical Virology, 2008, 41, 206-212.	1.6	236
27	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, 4585-4594.	1.5	95
28	Differential Requirements of the C Terminus of Nbs1 in Suppressing Adenovirus DNA Replication and Promoting Concatemer Formation. Journal of Virology, 2008, 82, 8362-8372.	1.5	52
29	Re-engineering adenovirus vector systems to enable high-throughput analyses of gene function. BioTechniques, 2008, 45, 659-668.	0.8	112
30	Cytomegalovirus Destruction of Focal Adhesions Revealed in a High-Throughput Western Blot Analysis of Cellular Protein Expression. Journal of Virology, 2007, 81, 7860-7872.	1.5	48
31	The Human Cytomegalovirus MHC Class I Homolog UL18 Inhibits LIR-1+ but Activates LIR-1â˜' NK Cells. Journal of Immunology, 2007, 178, 4473-4481.	0.4	120
32	Human Daxx-mediated Repression of Human Cytomegalovirus Gene Expression Correlates with a Repressive Chromatin Structure around the Major Immediate Early Promoter. Journal of Biological Chemistry, 2006, 281, 37652-37660.	1.6	139
33	Downregulation of natural killer cellâ€"activating ligand CD155 by human cytomegalovirus UL141. Nature Immunology, 2005, 6, 181-188.	7.0	231
34	A high-efficiency system of natural killer cell cloning. Journal of Immunological Methods, 2005, 307, 24-33.	0.6	13
35	Stability of human cytomegalovirus genotypes in persistently infected renal transplant recipients. Journal of Medical Virology, 2005, 75, 42-46.	2.5	65
36	Posttranscriptional Suppression of Interleukin-6 Production by Human Cytomegalovirus. Journal of Virology, 2005, 79, 472-485.	1.5	44

#	Article	IF	Citations
37	Human Cytomegalovirus Encodes an MHC Class I-Like Molecule (UL142) That Functions to Inhibit NK Cell Lysis. Journal of Immunology, 2005, 175, 7457-7465.	0.4	125
38	Genetic content of wild-type human cytomegalovirus. Journal of General Virology, 2004, 85, 1301-1312.	1.3	500
39	Characterization and manipulation of the human adenovirus 4 genome. Journal of General Virology, 2004, 85, 3361-3366.	1.3	14
40	Analysis of human herpesvirus-6 IE1 sequence variation in clinical samples. Journal of Medical Virology, 2003, 71, 578-584.	2.5	13
41	The most abundantly transcribed human cytomegalovirus gene (Î²2.7) is non-essential for growth in vitro. Journal of General Virology, 2003, 84, 2511-2516.	1.3	31
42	Two novel spliced genes in human cytomegalovirus. Journal of General Virology, 2003, 84, 1117-1122.	1.3	126
43	Homology between the human cytomegalovirus RL11 gene family and human adenovirus E3 genes. Journal of General Virology, 2003, 84, 657-663.	1.3	79
44	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, 7570-7575.	3.3	151
45	Analysis of the human herpesvirus-6 immediate-early 1 protein. Journal of General Virology, 2002, 83, 2811-2820.	1.3	19
46	Adenovirus cancer gene therapy. Perspectives in Medical Virology, 2001, 5, 479-521.	0.1	0
47	Cytomegalovirus: from evasion to suppression?. Nature Immunology, 2001, 2, 993-994.	7.0	17
48	Human telomerase reverse transcriptase-immortalized MRC-5 and HCA2 human fibroblasts are fully permissive for human cytomegalovirus. Journal of General Virology, 2001, 82, 855-863.	1.3	72
49	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. Gene Therapy, 2000, 7, 679-685.	2.3	49
50	Surface Expression of HLA-E, an Inhibitor of Natural Killer Cells, Enhanced by Human Cytomegalovirus gpUL40. Science, 2000, 287, 1031-1033.	6.0	554
51	CTL epitopes identified with a defective recombinant adenovirus expressing measles virus nucleoprotein and evaluation of their protective capacity in mice. Virus Research, 1999, 65, 75-86.	1.1	24
52	An Outbreak of Epidemic Keratoconjunctivitis Caused by Adenovirus Type 37. Journal of Medical Microbiology, 1998, 47, 91-94.	0.7	14
53	The human cytomegalovirus US6 glycoprotein inhibits transporter associated with antigen processing-dependent peptide translocation. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6904-6909.	3.3	262
54	Therapeutic Vaccines for Cervical Cancer. BioDrugs, 1997, 8, 331-338.	2.2	2

#	Article	IF	Citations
55	A recombinant vaccinia virus encoding human papillomavirus types 16 and 18, E6 and E7 proteins as immunotherapy for cervical cancer. Lancet, The, 1996, 347, 1523-1527.	6.3	496
56	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. Matrix Biology, 1996, 15, 383-395.	1.5	52
57	Agonistmstimulated free calcium in subcellular compartments. Cell Calcium, 1996, 19, 133-142.	1.1	26
58	Immunization of Mice with Plasmid DNA Expressing the Measles Virus Nucleoprotein Gene. Viral Immunology, 1996, 9, 65-71.	0.6	29
59	Gene therapy and viral vaccination: the interface. British Medical Bulletin, 1995, 51, 205-216.	2.7	17
60	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. Virology, 1995, 210, 456-465.	1.1	78
61	Expression of the measles virus nucleoprotein gene in Escherichia coli and assembly of nucleocapsid-like structures. Gene, 1995, 160, 173-178.	1.0	56
62	Constitutive and enhanced expression from the CMV major IE promoter in a defective adenovirus vector. Nucleic Acids Research, 1992, 20, 2233-2239.	6.5	225
63	High-level expression of the tick-borne encephalitis virus NS1 protein by using an adenovirus-based vector: protection elicited in a murine model. Journal of Virology, 1992, 66, 2086-2095.	1.5	93
64	HIV-1 indicator cell lines. Aids, 1991, 5, 153-158.	1.0	33
65	Nucleotide sequence of the most abundantly transcribed early gene of human cytomegalovirus strain AD169. Virus Research, 1987, 7, 17-31.	1.1	90
66	The structure of the major immediate early gene of human cytomegalovirus strain AD169. Virus Research, 1985, 2, 107-121.	1.1	212
67	Transcription of the immediate early genes of human cytomegalovirus strain AD169. Virus Research, 1984, 1, 101-116.	1.1	124
68	Use of Recombinant Plasmids to Investigate the Structure of the Human Cytomegalovirus Genome. Journal of General Virology, 1982, 59, 111-129.	1.3	120