Herbert W Virgin

List of Publications by Year
in descending order

251	59,055	1296 112	1410 227
papers	citations	h-index	g-index

287	287	287	71268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
2	Optimized sgRNA design to maximize activity and minimize off-target effects of CRISPR-Cas9. Nature Biotechnology, 2016, 34, 184-191.	9.4	3,168
3	Autophagy in immunity and inflammation. Nature, 2011, 469, 323-335.	13.7	2,901
4	Cross-neutralization of SARS-CoV-2 by a human monoclonal SARS-CoV antibody. Nature, 2020, 583, 290-295.	13.7	1,695
5	A key role for autophagy and the autophagy gene Atg16l1 in mouse and human intestinal Paneth cells. Nature, 2008, 456, 259-263.	13.7	1,341
6	Mapping Neutralizing and Immunodominant Sites on the SARS-CoV-2 Spike Receptor-Binding Domain by Structure-Guided High-Resolution Serology. Cell, 2020, 183, 1024-1042.e21.	13.5	1,195
7	Disease-Specific Alterations in the Enteric Virome in Inflammatory Bowel Disease. Cell, 2015, 160, 447-460.	13.5	1,036
8	Exercise-induced BCL2-regulated autophagy is required for muscle glucose homeostasis. Nature, 2012, 481, 511-515.	13.7	975
9	Broadly neutralizing antibodies overcome SARS-CoV-2 Omicron antigenic shift. Nature, 2022, 602, 664-670.	13.7	917
10	Redefining Chronic Viral Infection. Cell, 2009, 138, 30-50.	13.5	876
11	Resistance of SARS-CoV-2 variants to neutralization by monoclonal and serum-derived polyclonal antibodies. Nature Medicine, 2021, 27, 717-726.	15.2	838
12	Virus-Plus-Susceptibility Gene Interaction Determines Crohn's Disease Gene Atg16L1 Phenotypes in Intestine. Cell, 2010, 141, 1135-1145.	13.5	809
13	N-terminal domain antigenic mapping reveals a site of vulnerability for SARS-CoV-2. Cell, 2021, 184, 2332-2347.e16.	13.5	784
14	Pan-viral specificity of IFN-induced genes reveals new roles for cGAS in innate immunity. Nature, 2014, 505, 691-695.	13.7	773
15	STAT1-Dependent Innate Immunity to a Norwalk-Like Virus. Science, 2003, 299, 1575-1578.	6.0	757
16	TREM2 Maintains Microglial Metabolic Fitness in Alzheimerâ€™s Disease. Cell, 2017, 170, 649-663.e13.	13.5	741
17	Replication of Norovirus in Cell Culture Reveals a Tropism for Dendritic Cells and Macrophages. PLoS Biology, 2004, 2, e432.	2.6	740
18	Regulation of starvation- and virus-induced autophagy by the eIF2Â kinase signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 190-195.	3.3	706

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19	Molecular characterization of LC3-associated phagocytosis reveals distinct roles for Rubicon, NOX2Âand autophagy proteins. Nature Cell Biology, 2015, 17, 893-906.	4.6	702
20	Identification of a candidate therapeutic autophagy-inducing peptide. Nature, 2013, 494, 201-206.	13.7	669
21	Sensitivity of SARS-CoV-2 B.1.1.7 to mRNA vaccine-elicited antibodies. Nature, 2021, 593, 136-141.	13.7	648
22	Herpesvirus latency confers symbiotic protection from bacterial infection. Nature, 2007, 447, 326-329.	13.7	629
23	Cervicovaginal Bacteria Are a Major Modulator of Host Inflammatory Responses in the Female Genital Tract. Immunity, 2015, 42, 965-976.	6.6	554
24	Circulating SARS-CoV-2 spike N439K variants maintain fitness while evading antibody-mediated immunity. Cell, 2021, 184, 1171-1187.e20.	13.5	541
25	The Cytosolic Sensor cGAS Detects Mycobacterium tuberculosis DNA to Induce Type I Interferons and Activate Autophagy. Cell Host and Microbe, 2015, 17, 811-819.	5.1	520
26	Murine Norovirus: a Model System To Study Norovirus Biology and Pathogenesis. Journal of Virology, 2006, 80, 5104-5112.	1.5	515
27	Autophagy Links Inflammasomes to Atherosclerotic Progression. Cell Metabolism, 2012, 15, 534-544.	7.2	509
28	Ultrapotent human antibodies protect against SARS-CoV-2 challenge via multiple mechanisms. Science, 2020, 370, 950-957.	6.0	504
29	Gene-microbiota interactions contribute to the pathogenesis of inflammatory bowel disease. Science, 2016, 352, 1116-1120.	6.0	498
30	Lactobacillus-Deficient Cervicovaginal Bacterial Communities Are Associated with Increased HIV Acquisition in Young South African Women. Immunity, 2017, 46, 29-37.	6.6	488
31	The Virome in Mammalian Physiology and Disease. Cell, 2014, 157, 142-150.	13.5	481
32	A perspective on potential antibody-dependent enhancement of SARS-CoV-2. Nature, 2020, 584, 353-363.	13.7	413
33	Immunodeficiency, autoinflammation and amylopectinosis in humans with inherited HOIL-1 and LUBAC deficiency. Nature Immunology, 2012, 13, 1178-1186.	7.0	410
34	Autophagy genes in immunity. Nature Immunology, 2009, 10, 461-470.	7.0	401
35	Autophagy Proteins Regulate the Secretory Component of Osteoclastic Bone Resorption. Developmental Cell, 2011, 21, 966-974.	3.1	401
36	Structural basis of SARS-CoV-2 Omicron immune evasion and receptor engagement. Science, 2022, 375, 864-868.	6.0	394

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37	Commensal microbes and interferon-Î» determine persistence of enteric murine norovirus infection. Science, 2015, 347, 266-269.	6.0	386
38	SARS-CoV-2 immune evasion by the B.1.427/B.1.429 variant of concern. Science, 2021, 373, 648-654.	6.0	385
39	SARS-CoV-2 RBD antibodies that maximize breadth and resistance to escape. Nature, 2021, 597, 97-102.	13.7	385
40	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. Cell Host and Microbe, 2020, 28, 475-485.e5.	5.1	380
41	Autophagosome-Independent Essential Function for the Autophagy Protein Atg5 in Cellular Immunity to Intracellular Pathogens. Cell Host and Microbe, 2008, 4, 458-469.	5.1	374
42	Autophagy is essential for effector CD8+ T cell survival and memory formation. Nature Immunology, 2014, 15, 1152-1161.	7.0	367
43	PKR-Dependent Xenophagic Degradation of Herpes Simplex Virus Type 1. Autophagy, 2006, 2, 24-29.	4.3	336
44	Altered Virome and Bacterial Microbiome in Human Immunodeficiency Virus-Associated Acquired Immunodeficiency Syndrome. Cell Host and Microbe, 2016, 19, 311-322.	5.1	330
45	Unique role for ATG5 in neutrophil-mediated immunopathology during M. tuberculosis infection. Nature, 2015, 528, 565-569.	13.7	317
46	The autophagy geneATG5plays an essential role in B lymphocyte development. Autophagy, 2008, 4, 309-314.	4.3	314
47	Interferons Regulate the Phenotype of â€‰Wild-type and Mutant Herpes Simplex Viruses In Vivo. Journal of Experimental Medicine, 1999, 189, 663-672.	4.2	308
48	Interferon-Î» cures persistent murine norovirus infection in the absence of adaptive immunity. Science, 2015, 347, 269-273.	6.0	308
49	Protective efficacy of adenovirus/protein vaccines against SIV challenges in rhesus monkeys. Science, 2015, 349, 320-324.	6.0	303
50	Atg16L1 T300A variant decreases selective autophagy resulting in altered cytokine signaling and decreased antibacterial defense. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7741-7746.	3.3	298
51	Selective Subversion of Autophagy Complexes Facilitates Completion of the Brucella Intracellular Cycle. Cell Host and Microbe, 2012, 11, 33-45.	5.1	290
52	Delivery of Cytosolic Components by Autophagic Adaptor Protein p62 Endows Autophagosomes with Unique Antimicrobial Properties. Immunity, 2010, 32, 329-341.	6.6	276
53	Macrophages Are the Major Reservoir of Latent Murine Gammaherpesvirus 68 in Peritoneal Cells. Journal of Virology, 1999, 73, 3273-3283.	1.5	271
54	IRF-3, IRF-5, and IRF-7 Coordinately Regulate the Type I IFN Response in Myeloid Dendritic Cells Downstream of MAVS Signaling. PLoS Pathogens, 2013, 9, e1003118.	2.1	270

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55	Gut DNA viromes of Malawian twins discordant for severe acute malnutrition. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11941-11946.	3.3	262
56	Broad betacoronavirus neutralization by a stem helixâ€“specific human antibody. Science, 2021, 373, 1109-1116.	6.0	262
57	After the pandemic: perspectives on the future trajectory of COVID-19. Nature, 2021, 596, 495-504.	13.7	260
58	Pathogenic Simian Immunodeficiency Virus Infection Is Associated with Expansion of the Enteric Virome. Cell, 2012, 151, 253-266.	13.5	252
59	Discovery of a proteinaceous cellular receptor for a norovirus. Science, 2016, 353, 933-936.	6.0	241
60	Identification of Interferon-Stimulated Gene 15 as an Antiviral Molecule during Sindbis Virus Infection In Vivo. Journal of Virology, 2005, 79, 13974-13983.	1.5	238
61	Virus-helminth coinfection reveals a microbiota-independent mechanism of immunomodulation. Science, 2014, 345, 578-582.	6.0	238
62	Murine Noroviruses Comprising a Single Genogroup Exhibit Biological Diversity despite Limited Sequence Divergence. Journal of Virology, 2007, 81, 10460-10473.	1.5	235
63	Murine Î³-herpesvirus 68 causes severe large-vessel arteritis in mice lacking interferon-Î³ responsiveness: A new model for virus-induced vascular disease. Nature Medicine, 1997, 3, 1346-1353.	15.2	230
64	Lectins enhance SARS-CoV-2 infection and influence neutralizing antibodies. Nature, 2021, 598, 342-347.	13.7	230
65	Intestinal virome changes precede autoimmunity in type I diabetes-susceptible children. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6166-E6175.	3.3	227
66	Nondegradative Role of Atg5-Atg12/ Atg16L1 Autophagy Protein Complex in Antiviral Activity of Interferon Gamma. Cell Host and Microbe, 2012, 11, 397-409.	5.1	222
67	Vertically transmitted faecal IgA levels determine extra-chromosomal phenotypic variation. Nature, 2015, 521, 90-93.	13.7	221
68	Broad sarbecovirus neutralization by a human monoclonal antibody. Nature, 2021, 597, 103-108.	13.7	220
69	Autophagy proteins control goblet cell function by potentiating reactive oxygen species production. EMBO Journal, 2013, 32, 3130-3144.	3.5	216
70	WDFY4 is required for cross-presentation in response to viral and tumor antigens. Science, 2018, 362, 694-699.	6.0	216
71	Proteomic identification of proteins conjugated to ISG15 in mouse and human cells. Biochemical and Biophysical Research Communications, 2005, 336, 496-506.	1.0	211
72	Atg16l1 is Required for Autophagy in Intestinal Epithelial Cells and Protection of Mice From Salmonella Infection. Gastroenterology, 2013, 145, 1347-1357.	0.6	211

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73	Accounting for reciprocal hostâ€“microbiome interactions in experimental science. Nature, 2016, 534, 191-199.	13.7	205
74	Interferon-Inducible Ubiquitin E2, Ubc8, Is a Conjugating Enzyme for Protein ISGylation. Molecular and Cellular Biology, 2004, 24, 9592-9600.	1.1	203
75	Interferon Î³ Regulates Acute and Latent Murine Cytomegalovirus Infection and Chronic Disease of the Great Vessels. Journal of Experimental Medicine, 1998, 188, 577-588.	4.2	202
76	A common role for Atg16L1, Atg5, and Atg7 in small intestinal Paneth cells and Crohn disease. Autophagy, 2009, 5, 250-252.	4.3	202
77	Transkingdom control of viral infection and immunity in the mammalian intestine. Science, 2016, 351, .	6.0	201
78	MDA-5 Recognition of a Murine Norovirus. PLoS Pathogens, 2008, 4, e1000108.	2.1	193
79	Identification of a Novel Astrovirus (Astrovirus VA1) Associated with an Outbreak of Acute Gastroenteritis. Journal of Virology, 2009, 83, 10836-10839.	1.5	190
80	Coronavirus Replication Does Not Require the Autophagy GeneATG5. Autophagy, 2007, 3, 581-585.	4.3	189
81	Metagenomics and Personalized Medicine. Cell, 2011, 147, 44-56.	13.5	189
82	Sequential Infection with Common Pathogens Promotes Human-like Immune Gene Expression and Altered Vaccine Response. Cell Host and Microbe, 2016, 19, 713-719.	5.1	189
83	Identification ofAtg5-dependent transcriptional changes and increases in mitochondrial mass inAtg5-deficient T lymphocytes. Autophagy, 2009, 5, 625-635.	4.3	187
84	Tropism for tuft cells determines immune promotion of norovirus pathogenesis. Science, 2018, 360, 204-208.	6.0	187
85	Cleavage Map and Proteolytic Processing of the Murine Norovirus Nonstructural Polyprotein in Infected Cells. Journal of Virology, 2006, 80, 7816-7831.	1.5	186
86	Advances in Norovirus Biology. Cell Host and Microbe, 2014, 15, 668-680.	5.1	182
87	Vaccine Activation of the Nutrient Sensor GCN2 in Dendritic Cells Enhances Antigen Presentation. Science, 2014, 343, 313-317.	6.0	181
88	The Parasitophorous Vacuole Membrane of Toxoplasma gondii Is Targeted for Disruption by Ubiquitin-like Conjugation Systems of Autophagy. Immunity, 2014, 40, 924-935.	6.6	179
89	B Cells Regulate Murine Gammaherpesvirus 68 Latency. Journal of Virology, 1999, 73, 4651-4661.	1.5	179
90	Identification of a Gammaherpesvirus Selective Chemokine Binding Protein That Inhibits Chemokine Action. Journal of Virology, 2000, 74, 6741-6747.	1.5	175

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91	Guanylate-binding Protein 1 (Gbp1) Contributes to Cell-autonomous Immunity against Toxoplasma gondii. PLoS Pathogens, 2013, 9, e1003320.	2.1	170
92	Validation of a Next-Generation Sequencing Assay for Clinical Molecular Oncology. Journal of Molecular Diagnostics, 2014, 16, 89-105.	1.2	168
93	Disruption of Erk-dependent type I interferon induction breaks the myxoma virus species barrier. Nature Immunology, 2004, 5, 1266-1274.	7.0	166
94	Immunology and the elusive AIDS vaccine. Nature, 2010, 464, 224-231.	13.7	163
95	Intercellular Mitochondria Transfer to Macrophages Regulates White Adipose Tissue Homeostasis and Is Impaired in Obesity. Cell Metabolism, 2021, 33, 270-282.e8.	7.2	160
96	FIP200 regulates targeting of Atg16L1 to the isolation membrane. EMBO Reports, 2013, 14, 284-291.	2.0	159
97	Kingdom-Agnostic Metagenomics and the Importance of Complete Characterization of Enteric Microbial Communities. Gastroenterology, 2014, 146, 1459-1469.	0.6	158
98	Interferon-Induced Ifit2/ISG54 Protects Mice from Lethal VSV Neuropathogenesis. PLoS Pathogens, 2012, 8, e1002712.	2.1	156
99	Natural Killer Cells Utilize both Perforin and Gamma Interferon To Regulate Murine Cytomegalovirus Infection in the Spleen and Liver. Journal of Virology, 2005, 79, 661-667.	1.5	144
100	2â€²-O Methylation of the Viral mRNA Cap by West Nile Virus Evades Ifit1-Dependent and -Independent Mechanisms of Host Restriction In Vivo. PLoS Pathogens, 2012, 8, e1002698.	2.1	142
101	Autophagy regulates Notch degradation and modulates stem cell development and neurogenesis. Nature Communications, 2016, 7, 10533.	5.8	142
102	A Noncanonical Autophagy Pathway Restricts Toxoplasma gondii Growth in a Strain-Specific Manner in IFN-Î³-Activated Human Cells. MBio, 2015, 6, e01157-15.	1.8	137
103	Three Distinct Regions of the Murine Gammaherpesvirus 68 Genome Are Transcriptionally Active in Latently Infected Mice. Journal of Virology, 1999, 73, 2321-2332.	1.5	135
104	Î³-Herpesvirus Kinase Actively Initiates a DNA Damage Response by Inducing Phosphorylation of H2AX to Foster Viral Replication. Cell Host and Microbe, 2007, 1, 275-286.	5.1	134
105	ATG5 regulates plasma cell differentiation. Autophagy, 2013, 9, 528-537.	4.3	134
106	Expression of Ifnlr1 on Intestinal Epithelial Cells Is Critical to the Antiviral Effects of Interferon Lambda against Norovirus and Reovirus. Journal of Virology, 2017, 91, .	1.5	131
107	The Interferon-Inducible Gene viperin Restricts West Nile Virus Pathogenesis. Journal of Virology, 2011, 85, 11557-11566.	1.5	130
108	Solution structure of a Bcl-2 homolog from Kaposi sarcoma virus. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3428-3433.	3.3	121

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109	Host and viral genetics of chronic infection: a mouse model of gamma-herpesvirus pathogenesis. Current Opinion in Microbiology, 1999, 2, 403-409.	2.3	119
110	Identification of the In Vivo Role of a Viral bcl-2. Journal of Experimental Medicine, 2002, 195, 931-940.	4.2	119
111	The Murine Gammaherpesvirus 68 v-Cyclin Is a Critical Regulator of Reactivation from Latency. Journal of Virology, 2000, 74, 7451-7461.	1.5	117
112	Virus Subversion of the MHC Class I Peptide-Loading Complex. Immunity, 2003, 18, 121-130.	6.6	117
113	MHC II+ resident peritoneal and pleural macrophages rely on IRF4 for development from circulating monocytes. Journal of Experimental Medicine, 2016, 213, 1951-1959.	4.2	117
114	Unraveling immunity to Î³-herpesviruses: a new model for understanding the role of immunity in chronic virus infection. Current Opinion in Immunology, 1999, 11, 371-379.	2.4	116
115	VirusSeeker, a computational pipeline for virus discovery and virome composition analysis. Virology, 2017, 503, 21-30.	1.1	115
116	Reservoir Host Immune Responses to Emerging Zoonotic Viruses. Cell, 2015, 160, 20-35.	13.5	114
117	A Single-Amino-Acid Change in Murine Norovirus NS1/2 Is Sufficient for Colonic Tropism and Persistence. Journal of Virology, 2013, 87, 327-334.	1.5	111
118	Structural Basis of Chemokine Sequestration by a Herpesvirus Decoy Receptor. Cell, 2002, 111, 343-356.	13.5	110
119	Antibody-mediated broad sarbecovirus neutralization through ACE2 molecular mimicry. Science, 2022, 375, 449-454.	6.0	108
120	Atg16L1 deficiency confers protection from uropathogenic Escherichia coli infection in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11008-11013.	3.3	104
121	Immune Mechanisms Responsible for Vaccination against and Clearance of Mucosal and Lymphatic Norovirus Infection. PLoS Pathogens, 2008, 4, e1000236.	2.1	101
122	Mouse Norovirus Replication Is Associated with Virus-Induced Vesicle Clusters Originating from Membranes Derived from the Secretory Pathway. Journal of Virology, 2009, 83, 9709-9719.	1.5	101
123	Predicting the mutational drivers of future SARS-CoV-2 variants of concern. Science Translational Medicine, 2022, 14, eabk3445.	5.8	101
124	Broadly neutralizing antibodies overcome SARS-CoV-2 Omicron antigenic shift. Nature, 0, , .	13.7	101
125	Immune Control of the Number and Reactivation Phenotype of Cells Latently Infected with a Gammaherpesvirus. Journal of Virology, 2002, 76, 7125-7132.	1.5	99
126	Murine Gammaherpesvirus 68 Infection Is Associated with Lymphoproliferative Disease and Lymphoma in BALB Î²2 Microglobulin-Deficient Mice. Journal of Virology, 2005, 79, 14668-14679.	1.5	98

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127	Oral Antibiotic Treatment of Mice Exacerbates the Disease Severity of Multiple Flavivirus Infections. Cell Reports, 2018, 22, 3440-3453.e6.	2.9	97
128	Establishment and Maintenance of Gammaherpesvirus Latency Are Independent of Infective Dose and Route of Infection. Journal of Virology, 2003, 77, 7696-7701.	1.5	96
129	Recovery of infectious murine norovirus using pol II-driven expression of full-length cDNA. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11050-11055.	3.3	96
130	Protruding Domain of Capsid Protein Is Necessary and Sufficient To Determine Murine Norovirus Replication and Pathogenesis In Vivo. Journal of Virology, 2012, 86, 2950-2958.	1.5	96
131	Fc-optimized antibodies elicit CD8 immunity to viral respiratory infection. Nature, 2020, 588, 485-490.	13.7	95
132	Disruption of the Murine Gammaherpesvirus 68 M1 Open Reading Frame Leads to Enhanced Reactivation from Latency. Journal of Virology, 2000, 74, 1973-1984.	1.5	94
133	Disruption of the M2 Gene of Murine Gammaherpesvirus 68 Alters Splenic Latency following Intranasal, but Not Intraperitoneal, Inoculation. Journal of Virology, 2002, 76, 1790-1801.	1.5	93
134	Resilience of S309 and AZD7442 monoclonal antibody treatments against infection by SARS-CoV-2 Omicron lineage strains. Nature Communications, 2022, 13, .	5.8	93
135	IFN-Î³ action in the media of the great elastic arteries, a novel immunoprivileged site. Journal of Clinical Investigation, 2001, 107, R15-R22.	3.9	92
136	Antibody Is Critical for the Clearance of Murine Norovirus Infection. Journal of Virology, 2008, 82, 6610-6617.	1.5	91
137	Structure of Antibody-Neutralized Murine Norovirus and Unexpected Differences from Viruslike Particles. Journal of Virology, 2008, 82, 2079-2088.	1.5	90
138	Alpha/Beta Interferons Regulate Murine Gammaherpesvirus Latent Gene Expression and Reactivation from Latency. Journal of Virology, 2005, 79, 14149-14160.	1.5	88
139	Listeriolysin O Is Necessary and Sufficient to Induce Autophagy during Listeria monocytogenes Infection. PLoS ONE, 2010, 5, e8610.	1.1	88
140	Murine Cytomegalovirus Inhibits Interferon Î³â€“induced Antigen Presentation to CD4 T Cells by Macrophages Via Regulation of Expression of Major Histocompatibility Complex Class IIâ€“associated Genes. Journal of Experimental Medicine, 1998, 187, 1037-1046.	4.2	86
141	Critical Role of Complement and Viral Evasion of Complement in Acute, Persistent, and Latent Î³-Herpesvirus Infection. Immunity, 2002, 17, 143-155.	6.6	86
142	Replication of Murine Cytomegalovirus in Differentiated Macrophages as a Determinant of Viral Pathogenesis. Journal of Virology, 1999, 73, 5970-5980.	1.5	85
143	Homeostatic Control of Innate Lung Inflammation by Vici Syndrome Gene Epg5 and Additional Autophagy Genes Promotes Influenza Pathogenesis. Cell Host and Microbe, 2016, 19, 102-113.	5.1	83
144	Structural basis for murine norovirus engagement of bile acids and the CD300lf receptor. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9201-E9210.	3.3	82

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145	The Murine Gammaherpesvirus 68 v-Cyclin Gene Is an Oncogene That Promotes Cell Cycle Progression in Primary Lymphocytes. Journal of Virology, 1999, 73, 5110-5122.	1.5	82
146	Murine Gammaherpesvirus 68 Encodes a Functional Regulator of Complement Activation. Journal of Virology, 1999, 73, 7658-7670.	1.5	81
147	Early B-Cell Activation after West Nile Virus Infection Requires Alpha/Beta Interferon but Not Antigen Receptor Signaling. Journal of Virology, 2008, 82, 10964-10974.	1.5	80
148	Identification of Novel MicroRNA-Like Molecules Generated from Herpesvirus and Host tRNA Transcripts. Journal of Virology, 2010, 84, 10344-10353.	1.5	79
149	Persistent Enteric Murine Norovirus Infection Is Associated with Functionally Suboptimal Virus-Specific CD8 T Cell Responses. Journal of Virology, 2013, 87, 7015-7031.	1.5	79
150	Cytosolic clearance of replication-deficient mutants revealsFrancisella tularensisinteractions with the autophagic pathway. Autophagy, 2012, 8, 1342-1356.	4.3	78
151	Type I Interferons Link Viral Infection to Enhanced Epithelial Turnover and Repair. Cell Host and Microbe, 2015, 17, 85-97.	5.1	78
152	SIV Infection-Mediated Changes in Gastrointestinal Bacterial Microbiome and Virome Are Associated with Immunodeficiency and Prevented by Vaccination. Cell Host and Microbe, 2016, 19, 323-335.	5.1	78
153	Characterization of Gammaherpesvirus 68 Gene 50 Transcription. Journal of Virology, 2000, 74, 2029-2037.	1.5	77
154	Solution Structure of the BHRF1 Protein From Epstein-Barr Virus, a Homolog of Human Bcl-2. Journal of Molecular Biology, 2003, 332, 1123-1130.	2.0	77
155	Critical role for a high-affinity chemokine-binding protein in Î³-herpesvirusâ€“induced lethal meningitis. Journal of Clinical Investigation, 2002, 109, 905-914.	3.9	77
156	Antibody to a Lytic Cycle Viral Protein Decreases Gammaherpesvirus Latency in B-Cell-Deficient Mice. Journal of Virology, 2002, 76, 11460-11468.	1.5	76
157	Quaranfil, Johnston Atoll, and Lake Chad Viruses Are Novel Members of the Family Orthomyxoviridae. Journal of Virology, 2009, 83, 11599-11606.	1.5	76
158	Critical Role for Interferon Regulatory Factor 3 (IRF-3) and IRF-7 in Type I Interferon-Mediated Control of Murine Norovirus Replication. Journal of Virology, 2012, 86, 13515-13523.	1.5	76
159	Novel Cell Typeâ€“Specific Antiviral Mechanism of Interferon Î³ Action in Macrophages. Journal of Experimental Medicine, 2001, 193, 483-496.	4.2	72
160	Gamma Interferon Blocks Gammaherpesvirus Reactivation from Latency. Journal of Virology, 2006, 80, 192-200.	1.5	72
161	Disruption of Gammaherpesvirus 68 Gene 50 Demonstrates that Rta Is Essential for Virus Replication. Journal of Virology, 2003, 77, 5731-5739.	1.5	70
162	High-Resolution Cryo-Electron Microscopy Structures of Murine Norovirus 1 and Rabbit Hemorrhagic Disease Virus Reveal Marked Flexibility in the Receptor Binding Domains. Journal of Virology, 2010, 84, 5836-5841.	1.5	70

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163	Norovirus Cell Tropism Is Determined by Combinatorial Action of a Viral Non-structural Protein and Host Cytokine. Cell Host and Microbe, 2017, 22, 449-459.e4.	5.1	70
164	Effective Vaccination against Long-Term Gammaherpesvirus Latency. Journal of Virology, 2003, 77, 2522-2529.	1.5	68
165	Identification of Novel Viruses Using VirusHunter -- an Automated Data Analysis Pipeline. PLoS ONE, 2013, 8, e78470.	1.1	68
166	Adaptive Immunity Restricts Replication of Novel Murine Astroviruses. Journal of Virology, 2012, 86, 12262-12270.	1.5	65
167	Phenotypic complementation of genetic immunodeficiency by chronic herpesvirus infection. ELife, 2015, 4, .	2.8	65
168	Invariant NKT Cells Require Autophagy To Coordinate Proliferation and Survival Signals during Differentiation. Journal of Immunology, 2015, 194, 5872-5884.	0.4	64
169	Spliced mRNA Encoding the Murine Cytomegalovirus Chemokine Homolog Predicts a Î² Chemokine of Novel Structure. Journal of Virology, 1999, 73, 3682-3691.	1.5	64
170	Innate immune receptor NOD2 mediates LGR5 ⁺ intestinal stem cell protection against ROS cytotoxicity via mitophagy stimulation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1994-2003.	3.3	63
171	Latent herpesvirus infection arms NK cells. Blood, 2010, 115, 4377-4383.	0.6	62
172	Identification and Initial Characterization of the Murine Gammaherpesvirus 68 Gene M3, Encoding an Abundantly Secreted Protein. Journal of Virology, 1999, 73, 4524-4529.	1.5	62
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