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	Antibody-mediated broad sarbecovirus neutralization through ACE2 molecular mimicry. Science, 2022, 375, 449-454.	6.0	108
2	Predicting the mutational drivers of future SARS-CoV-2 variants of concern. Science Translational Medicine, 2022, 14, eabk3445.	5.8	101
3	Broadly neutralizing antibodies overcome SARS-CoV-2 Omicron antigenic shift. Nature, 2022, 602, 664-670.	13.7	917
4	Structural basis of SARS-CoV-2 Omicron immune evasion and receptor engagement. Science, 2022, 375, 864-868.	6.0	394
5	Macrophages disseminate pathogen associated molecular patterns through the direct extracellular release of the soluble content of their phagolysosomes. Nature Communications, 2022, 13, .	5.8	13
6	Resilience of S309 and AZD7442 monoclonal antibody treatments against infection by SARS-CoV-2 Omicron lineage strains. Nature Communications, 2022, 13, .	5.8	93
7	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
8	Resistance of SARS-CoV-2 variants to neutralization by monoclonal and serum-derived polyclonal antibodies. Nature Medicine, 2021, 27, 717-726.	15.2	838
9	Circulating SARS-CoV-2 spike N439K variants maintain fitness while evading antibody-mediated immunity. Cell, 2021, 184, 1171-1187.e20.	13.5	541
10	Sensitivity of SARS-CoV-2 B.1.1.7 to mRNA vaccine-elicited antibodies. Nature, 2021, 593, 136-141.	13.7	648
11	N-terminal domain antigenic mapping reveals a site of vulnerability for SARS-CoV-2. Cell, 2021, 184, 2332-2347.e16.	13.5	784
12	Transfer transcriptomic signatures for infectious diseases. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8
13	SARS-CoV-2 immune evasion by the B.1.427/B.1.429 variant of concern. Science, 2021, 373, 648-654.	6.0	385
14	After the pandemic: perspectives on the future trajectory of COVID-19. Nature, 2021, 596, 495-504.	13.7	260
15	Broad sarbecovirus neutralization by a human monoclonal antibody. Nature, 2021, 597, 103-108.	13.7	220
16	SARS-CoV-2 RBD antibodies that maximize breadth and resistance to escape. Nature, 2021, 597, 97-102.	13.7	385
17	Lectins enhance SARS-CoV-2 infection and influence neutralizing antibodies. Nature, 2021, 598, 342-347.	13.7	230
18	Lrp1 is a host entry factor for Rift Valley fever virus. Cell, 2021, 184, 5163-5178.e24.	13.5	46

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19	Broad betacoronavirus neutralization by a stem helixâ€“specific human antibody. Science, 2021, 373, 1109-1116.	6.0	262
20	A host receptor enables type 1 pilus-mediated pathogenesis of Escherichia coli pyelonephritis. PLoS Pathogens, 2021, 17, e1009314.	2.1	19
21	UFMylation inhibits the proinflammatory capacity of interferon-Î³â€“activated macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	24
22	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
23	ISG15 Connects Autophagy and IFN-Î³-Dependent Control of Toxoplasma gondii Infection in Human Cells. MBio, 2020, 11, .	1.8	41
24	Fc-optimized antibodies elicit CD8 immunity to viral respiratory infection. Nature, 2020, 588, 485-490.	13.7	95
25	TFEB Transcriptional Responses Reveal Negative Feedback by BHLHE40 and BHLHE41. Cell Reports, 2020, 33, 108371.	2.9	27
26	A perspective on potential antibody-dependent enhancement of SARS-CoV-2. Nature, 2020, 584, 353-363.	13.7	413
27	Cytidine Monophosphate N -Acetylneuraminic Acid Synthetase and Solute Carrier Family 35 Member A1 Are Required for Reovirus Binding and Infection. Journal of Virology, 2020, 95, .	1.5	11
28	Ultrapotent human antibodies protect against SARS-CoV-2 challenge via multiple mechanisms. Science, 2020, 370, 950-957.	6.0	504
29	Advances in Genomics for Drug Development. Genes, 2020, 11, 942.	1.0	22
30	Cross-neutralization of SARS-CoV-2 by a human monoclonal SARS-CoV antibody. Nature, 2020, 583, 290-295.	13.7	1,695
31	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
32	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
33	Select autophagy genes maintain quiescence of tissue-resident macrophages and increase susceptibility to Listeria monocytogenes. Nature Microbiology, 2020, 5, 272-281.	5.9	36
34	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. SSRN Electronic Journal, 2020, , 3606354.	0.4	16
35	Autophagy genes in myeloid cells counteract IFNÎ³-induced TNF-mediated cell death and fatal TNF-induced shock. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16497-16506.	3.3	35
36	Bile Salts Alter the Mouse Norovirus Capsid Conformation: Possible Implications for Cell Attachment and Immune Evasion. Journal of Virology, 2019, 93, .	1.5	39

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37	A Secreted Viral Nonstructural Protein Determines Intestinal Norovirus Pathogenesis. Cell Host and Microbe, 2019, 25, 845-857.e5.	5.1	57
38	Drowning in Viruses. Cell, 2019, 177, 1084-1085.	13.5	4
39	Virome biogeography in the lower gastrointestinal tract of rhesus macaques with chronic diarrhea. Virology, 2019, 527, 77-88.	1.1	29
40	Identification of Antinorovirus Genes in Human Cells Using Genome-Wide CRISPR Activation Screening. Journal of Virology, 2019, 93, .	1.5	40
41	Tropism for tuft cells determines immune promotion of norovirus pathogenesis. Science, 2018, 360, 204-208.	6.0	187
42	Rapid Cloning of Novel Rhesus Adenoviral Vaccine Vectors. Journal of Virology, 2018, 92, .	1.5	24
43	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
44	Oral Antibiotic Treatment of Mice Exacerbates the Disease Severity of Multiple Flavivirus Infections. Cell Reports, 2018, 22, 3440-3453.e6.	2.9	97
45	LysMD3 is a type II membrane protein without an role in the response to a range of pathogens. Journal of Biological Chemistry, 2018, 293, 6022-6038.	1.6	11
46	WDFY4 is required for cross-presentation in response to viral and tumor antigens. Science, 2018, 362, 694-699.	6.0	216
47	HOIL1 Is Essential for the Induction of Type I and III Interferons by MDA5 and Regulates Persistent Murine Norovirus Infection. Journal of Virology, 2018, 92, .	1.5	39
48	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
49	High Throughput Screen Identifies Interferon Î³-Dependent Inhibitors of Toxoplasma gondii Growth. ACS Infectious Diseases, 2018, 4, 1499-1507.	1.8	11
50	Sphingolipid biosynthesis induces a conformational change in the murine norovirus receptor and facilitates viral infection. Nature Microbiology, 2018, 3, 1109-1114.	5.9	33
51	VirusSeeker, a computational pipeline for virus discovery and virome composition analysis. Virology, 2017, 503, 21-30.	1.1	115
52	Lactobacillus-Deficient Cervicovaginal Bacterial Communities Are Associated with Increased HIV Acquisition in Young South African Women. Immunity, 2017, 46, 29-37.	6.6	488
53	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
54	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

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55	Differentiation and Protective Capacity of Virus-Specific CD8+ T Cells Suggest Murine Norovirus Persistence in an Immune-Privileged Enteric Niche. Immunity, 2017, 47, 723-738.e5.	6.6	49
56	Noroviruses Co-opt the Function of Host Proteins VAPA and VAPB for Replication via a Phenylalanineâ€“Phenylalanine-Acidic-Tract-Motif Mimic in Nonstructural Viral Protein NS1/2. MBio, 2017, 8, .	1.8	56
57	TREM2 Maintains Microglial Metabolic Fitness in Alzheimerâ€™s Disease. Cell, 2017, 170, 649-663.e13.	13.5	741
58	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
59	Elevated p62/SQSTM1 determines the fate of autophagy-deficient neural stem cells by increasing superoxide. Journal of Cell Biology, 2016, 212, 545-560.	2.3	54
60	Endolysosomal trafficking of viral G protein-coupled receptor functions in innate immunity and control of viral oncogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2994-2999.	3.3	17
61	Gene-microbiota interactions contribute to the pathogenesis of inflammatory bowel disease. Science, 2016, 352, 1116-1120.	6.0	498
62	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
63	Impaired autophagy in macrophages promotes inflammatory eye disease. Autophagy, 2016, 12, 1876-1885.	4.3	58
64	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
65	Discovery of a proteinaceous cellular receptor for a norovirus. Science, 2016, 353, 933-936.	6.0	241
66	Clec16a is Critical for Autolysosome Function and Purkinje Cell Survival. Scientific Reports, 2016, 6, 23326.	1.6	31
67	Accounting for reciprocal hostâ€“microbiome interactions in experimental science. Nature, 2016, 534, 191-199.	13.7	205
68	Transkingdom control of viral infection and immunity in the mammalian intestine. Science, 2016, 351, .	6.0	201
69	Optimized sgRNA design to maximize activity and minimize off-target effects of CRISPR-Cas9. Nature Biotechnology, 2016, 34, 184-191.	9.4	3,168
70	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
71	Autophagy Genes Enhance Murine Gammaherpesvirus 68 Reactivation from Latency by Preventing Virus-Induced Systemic Inflammation. Cell Host and Microbe, 2016, 19, 91-101.	5.1	56
72	Autophagy regulates Notch degradation and modulates stem cell development and neurogenesis. Nature Communications, 2016, 7, 10533.	5.8	142

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73	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
74	Altered Virome and Bacterial Microbiome in Human Immunodeficiency Virus-Associated Acquired Immunodeficiency Syndrome. Cell Host and Microbe, 2016, 19, 311-322.	5.1	330
75	Type I Interferon Receptor Deficiency in Dendritic Cells Facilitates Systemic Murine Norovirus Persistence Despite Enhanced Adaptive Immunity. PLoS Pathogens, 2016, 12, e1005684.	2.1	56
76	Cervicovaginal Bacteria Are a Major Modulator of Host Inflammatory Responses in the Female Genital Tract. Immunity, 2015, 42, 965-976.	6.6	554
77	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
78	Unique role for ATG5 in neutrophil-mediated immunopathology during M. tuberculosis infection. Nature, 2015, 528, 565-569.	13.7	317
79	Reservoir Host Immune Responses to Emerging Zoonotic Viruses. Cell, 2015, 160, 20-35.	13.5	114
80	Vertically transmitted faecal IgA levels determine extra-chromosomal phenotypic variation. Nature, 2015, 521, 90-93.	13.7	221
81	Disease-Specific Alterations in the Enteric Virome in Inflammatory Bowel Disease. Cell, 2015, 160, 447-460.	13.5	1,036
82	Invariant NKT Cells Require Autophagy To Coordinate Proliferation and Survival Signals during Differentiation. Journal of Immunology, 2015, 194, 5872-5884.	0.4	64
83	Molecular characterization of LC3-associated phagocytosis reveals distinct roles for Rubicon, NOX2Âand autophagy proteins. Nature Cell Biology, 2015, 17, 893-906.	4.6	702
84	Protective efficacy of adenovirus/protein vaccines against SIV challenges in rhesus monkeys. Science, 2015, 349, 320-324.	6.0	303
85	Construction and Evaluation of Novel Rhesus Monkey Adenovirus Vaccine Vectors. Journal of Virology, 2015, 89, 1512-1522.	1.5	47
86	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
87	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
88	Commensal microbes and interferon-Î» determine persistence of enteric murine norovirus infection. Science, 2015, 347, 266-269.	6.0	386
89	Type I Interferons Link Viral Infection to Enhanced Epithelial Turnover and Repair. Cell Host and Microbe, 2015, 17, 85-97.	5.1	78
90	Interferon-Î» cures persistent murine norovirus infection in the absence of adaptive immunity. Science, 2015, 347, 269-273.	6.0	308

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91	Phenotypic complementation of genetic immunodeficiency by chronic herpesvirus infection. ELife, 2015, 4, .	2.8	65
92	Pervasive Transcription of a Herpesvirus Genome Generates Functionally Important RNAs. MBio, 2014, 5, e01033-13.	1.8	14
93	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
94	Latent Gammaherpesvirus 68 Infection Induces Distinct Transcriptional Changes in Different Organs. Journal of Virology, 2014, 88, 730-738.	1.5	15
95	Identification of Alternative Transcripts Encoding the Essential Murine Gammaherpesvirus Lytic Transactivator RTA. Journal of Virology, 2014, 88, 5474-5490.	1.5	11
96	Murine norovirus protein NS1/2 aspartate to glutamate mutation, sufficient for persistence, reorients side chain of surface exposed tryptophan within a novel structured domain. Proteins: Structure, Function and Bioinformatics, 2014, 82, 1200-1209.	1.5	19
97	Autophagy is essential for effector CD8+ T cell survival and memory formation. Nature Immunology, 2014, 15, 1152-1161.	7.0	367
98	The Virome in Mammalian Physiology and Disease. Cell, 2014, 157, 142-150.	13.5	481
99	Kingdom-Agnostic Metagenomics and the Importance of Complete Characterization of Enteric Microbial Communities. Gastroenterology, 2014, 146, 1459-1469.	0.6	158
100	TheFrancisellaO-antigen mediates survival in the macrophage cytosol via autophagy avoidance. Cellular Microbiology, 2014, 16, 862-877.	1.1	61
101	Vaccine Activation of the Nutrient Sensor GCN2 in Dendritic Cells Enhances Antigen Presentation. Science, 2014, 343, 313-317.	6.0	181
102	Validation of a Next-Generation Sequencing Assay for Clinical Molecular Oncology. Journal of Molecular Diagnostics, 2014, 16, 89-105.	1.2	168
103	Pan-viral specificity of IFN-induced genes reveals new roles for cGAS in innate immunity. Nature, 2014, 505, 691-695.	13.7	773
104	Virus-helminth coinfection reveals a microbiota-independent mechanism of immunomodulation. Science, 2014, 345, 578-582.	6.0	238
105	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
106	Advances in Norovirus Biology. Cell Host and Microbe, 2014, 15, 668-680.	5.1	182
107	Atg16l1 is Required for Autophagy in Intestinal Epithelial Cells and Protection of Mice From Salmonella Infection. Gastroenterology, 2013, 145, 1347-1357.	0.6	211
108	Identification of a candidate therapeutic autophagy-inducing peptide. Nature, 2013, 494, 201-206.	13.7	669

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109	Guanylate-binding Protein 1 (Gbp1) Contributes to Cell-autonomous Immunity against Toxoplasma gondii. PLoS Pathogens, 2013, 9, e1003320.	2.1	170
110	Myxomavirus-Derived Serpin Prolongs Survival and Reduces Inflammation and Hemorrhage in an Unrelated Lethal Mouse Viral Infection. Antimicrobial Agents and Chemotherapy, 2013, 57, 4114-4127.	1.4	44
111	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
112	Autophagy proteins control goblet cell function by potentiating reactive oxygen species production. EMBO Journal, 2013, 32, 3130-3144.	3.5	216
113	ATG5 regulates plasma cell differentiation. Autophagy, 2013, 9, 528-537.	4.3	134
114	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
115	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
116	FIP200 regulates targeting of Atg16L1 to the isolation membrane. EMBO Reports, 2013, 14, 284-291.	2.0	159
117	Identification of Novel Viruses Using VirusHunter -- an Automated Data Analysis Pipeline. PLoS ONE, 2013, 8, e78470.	1.1	68
118	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
119	Specific Mutation of a Gammaherpesvirus-Expressed Antigen in Response to CD8 T Cell SelectionIn Vivo. Journal of Virology, 2012, 86, 2887-2893.	1.5	4
120	Adaptive Immunity Restricts Replication of Novel Murine Astroviruses. Journal of Virology, 2012, 86, 12262-12270.	1.5	65
121	Newly Discovered Viral E3 Ligase pK3 Induces Endoplasmic Reticulum-associated Degradation of Class I Major Histocompatibility Proteins and Their Membrane-bound Chaperones. Journal of Biological Chemistry, 2012, 287, 14467-14479.	1.6	14
122	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
123	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
124	Immunodeficiency, autoinflammation and amylopectinosis in humans with inherited HOIL-1 and LUBAC deficiency. Nature Immunology, 2012, 13, 1178-1186.	7.0	410
125	Cytosolic clearance of replication-deficient mutants revealsFrancisella tularensisinteractions with the autophagic pathway. Autophagy, 2012, 8, 1342-1356.	4.3	78
126	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

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127	Essential Cell-Autonomous Role for Interferon (IFN) Regulatory Factor 1 in IFN-Î³-Mediated Inhibition of Norovirus Replication in Macrophages. Journal of Virology, 2012, 86, 12655-12664.	1.5	54
128	Exercise-induced BCL2-regulated autophagy is required for muscle glucose homeostasis. Nature, 2012, 481, 511-515.	13.7	975
129	Selective Subversion of Autophagy Complexes Facilitates Completion of the Brucella Intracellular Cycle. Cell Host and Microbe, 2012, 11, 33-45.	5.1	290
130	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
131	Autophagy Links Inflammasomes to Atherosclerotic Progression. Cell Metabolism, 2012, 15, 534-544.	7.2	509
132	Pathogenic Simian Immunodeficiency Virus Infection Is Associated with Expansion of the Enteric Virome. Cell, 2012, 151, 253-266.	13.5	252
133	Interferon-Induced Ifit2/ISG54 Protects Mice from Lethal VSV Neuropathogenesis. PLoS Pathogens, 2012, 8, e1002712.	2.1	156
134	Metagenomics and Personalized Medicine. Cell, 2011, 147, 44-56.	13.5	189
135	Autophagy Proteins Regulate the Secretory Component of Osteoclastic Bone Resorption. Developmental Cell, 2011, 21, 966-974.	3.1	401
136	Autophagy in immunity and inflammation. Nature, 2011, 469, 323-335.	13.7	2,901
137	The Genome of Yoka Poxvirus. Journal of Virology, 2011, 85, 10230-10238.	1.5	30
138	Identification and Sequencing of a Novel Rodent Gammaherpesvirus That Establishes Acute and Latent Infection in Laboratory Mice. Journal of Virology, 2011, 85, 2642-2656.	1.5	22
139	The Interferon-Inducible Gene viperin Restricts West Nile Virus Pathogenesis. Journal of Virology, 2011, 85, 11557-11566.	1.5	130
140	â€œNext-Generationâ€•Pathology and Laboratory Medicine. Archives of Pathology and Laboratory Medicine, 2011, 135, 1531-1532.	1.2	17
141	Latent herpesvirus infection arms NK cells. Blood, 2010, 115, 4377-4383.	0.6	62
142	Delivery of Cytosolic Components by Autophagic Adaptor Protein p62 Endows Autophagosomes with Unique Antimicrobial Properties. Immunity, 2010, 32, 329-341.	6.6	276
143	MHV68 complement regulatory protein facilitates MHV68 replication in primary macrophages in a complement independent manner. Virology, 2010, 396, 323-328.	1.1	18
144	Immunology and the elusive AIDS vaccine. Nature, 2010, 464, 224-231.	13.7	163

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145	Murine Gammaherpesvirus 68 Has Evolved Gamma Interferon and Stat1-Repressible Promoters for the Lytic Switch Gene 50. Journal of Virology, 2010, 84, 3711-3717.	1.5	43
146	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
147	Histone Deacetylases and the Nuclear Receptor Corepressor Regulate Lytic-Latent Switch Gene 50 in Murine Gammaherpesvirus 68-Infected Macrophages. Journal of Virology, 2010, 84, 12039-12047.	1.5	19
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	Virus-Plus-Susceptibility Gene Interaction Determines Crohn's Disease Gene Atg16L1 Phenotypes in Intestine. Cell, 2010, 141, 1135-1145.	13.5	809
150	Redefining the Genetics of Murine Gammaherpesvirus 68 via Transcriptome-Based Annotation. Cell Host and Microbe, 2010, 7, 516-526.	5.1	28
151	Listeriolysin O Is Necessary and Sufficient to Induce Autophagy during Listeria monocytogenes Infection. PLoS ONE, 2010, 5, e8610.	1.1	88
152	Herpesvirus Latency and Symbiotic Protection from Bacterial Infection. Viral Immunology, 2009, 22, 3-4.	0.6	21
153	Identification of a Novel Astrovirus (Astrovirus VA1) Associated with an Outbreak of Acute Gastroenteritis. Journal of Virology, 2009, 83, 10836-10839.	1.5	190
154	Identification ofAtg5-dependent transcriptional changes and increases in mitochondrial mass inAtg5-deficient T lymphocytes. Autophagy, 2009, 5, 625-635.	4.3	187
155	Detection of Novel Sequences Related to African Swine Fever Virus in Human Serum and Sewage. Journal of Virology, 2009, 83, 13019-13025.	1.5	36
156	Role of Autophagy and Autophagy Genes in Inflammatory Bowel Disease. Current Topics in Microbiology and Immunology, 2009, 335, 141-167.	0.7	43
157	Quaranfil, Johnston Atoll, and Lake Chad Viruses Are Novel Members of the FamilyOrthomyxoviridae. Journal of Virology, 2009, 83, 11599-11606.	1.5	76
158	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
159	Murine Norovirus Infection Has No Significant Effect on Adaptive Immunity to Vaccinia Virus or Influenza A Virus. Journal of Virology, 2009, 83, 7357-7360.	1.5	22
160	Autophagy genes in immunity. Nature Immunology, 2009, 10, 461-470.	7.0	401
161	Redefining Chronic Viral Infection. Cell, 2009, 138, 30-50.	13.5	876
162	A common role for Atg16L1, Atg5, and Atg7 in small intestinal Paneth cells and Crohn disease. Autophagy, 2009, 5, 250-252.	4.3	202

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163	Latent Murine Herpesvirus-4 Infection Arms NK Cells.. Blood, 2009, 114, 3678-3678.	0.6	0
164	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
165	A 'fly-by' killing with a primordial cellular weapon. Nature Immunology, 2008, 9, 827-829.	7.0	5
166	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
167	Antibody Is Critical for the Clearance of Murine Norovirus Infection. Journal of Virology, 2008, 82, 6610-6617.	1.5	91
168	The autophagy geneATG5plays an essential role in B lymphocyte development. Autophagy, 2008, 4, 309-314.	4.3	314
169	Structure of Antibody-Neutralized Murine Norovirus and Unexpected Differences from Viruslike Particles. Journal of Virology, 2008, 82, 2079-2088.	1.5	90
170	Immune Mechanisms Responsible for Vaccination against and Clearance of Mucosal and Lymphatic Norovirus Infection. PLoS Pathogens, 2008, 4, e1000236.	2.1	101
171	MDA-5 Recognition of a Murine Norovirus. PLoS Pathogens, 2008, 4, e1000108.	2.1	193
172	Murine Gammaherpesvirus 68 Genes both Induce and Suppress Lymphoproliferative Disease. Journal of Virology, 2008, 82, 1034-1039.	1.5	28
173	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
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