Paul Klenerman

List of Publications by Year
in descending order

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475 papers	53,299 citations	1532 106 h-index	2076 204 g-index
571 all docs	571 docs citations	571 times ranked	58685 citing authors

#	Article	IF	Citations
1	PD-1 expression on HIV-specific T cells is associated with T-cell exhaustion and disease progression. Nature, 2006, 443, 350-354.	13.7	2,380
2	Safety and immunogenicity of the ChAdOx1 nCoV-19 vaccine against SARS-CoV-2: a preliminary report of a phase 1/2, single-blind, randomised controlled trial. Lancet, The, 2020, 396, 467-478.	6.3	2,080
3	The Human Cell Atlas. ELife, 2017, 6, .	2.8	1,547
4	Memory CD8+ T cells vary in differentiation phenotype in different persistent virus infections. Nature Medicine, 2002, 8, 379-385.	15.2	1,432
5	Safety and immunogenicity of ChAdOx1 nCoV-19 vaccine administered in a prime-boost regimen in young and old adults (COV002): a single-blind, randomised, controlled, phase 2/3 trial. Lancet, The, 2020, 396, 1979-1993.	6.3	1,196
6	Analysis of Successful Immune Responses in Persons Infected with Hepatitis C Virus. Journal of Experimental Medicine, 2000, 191, 1499-1512.	4.2	1,165
7	Broad and strong memory CD4+ and CD8+ T cells induced by SARS-CoV-2 in UK convalescent individuals following COVID-19. Nature Immunology, 2020, 21, 1336-1345.	7.0	1,066
8	Genetic mechanisms of critical illness in COVID-19. Nature, 2021, 591, 92-98.	13.7	1,014
9	Evidence of escape of SARS-CoV-2 variant B.1.351 from natural and vaccine-induced sera. Cell, 2021, 184, 2348-2361.e6.	13.5	936
10	SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. Cell, 2022, 185, 467-484.e15.	13.5	788
11	Dominant influence of HLA-B in mediating the potential co-evolution of HIV and HLA. Nature, 2004, 432, 769-775.	13.7	784
12	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
13	Reduced neutralization of SARS-CoV-2 B.1.617 by vaccine and convalescent serum. Cell, 2021, 184, 4220-4236.e13.	13.5	630
14	Antibody escape of SARS-CoV-2 Omicron BA.4 and BA.5 from vaccine and BA.1 serum. Cell, 2022, 185, 2422-2433.e13.	13.5	532
15	Antibody evasion by the P.1 strain of SARS-CoV-2. Cell, 2021, 184, 2939-2954.e9.	13.5	519
16	Genome-wide genetic association of complex traits in heterogeneous stock mice. Nature Genetics, 2006, 38, 879-887.	9.4	508
17	<scp>CD</scp>161⁺⁺<scp>CD</scp>8⁺<scp>T</scp> cells, including the <scp>MAIT</scp> cell subset, are specifically activated by <scp>IL</scp>â€12+<scp>IL</scp>â€18 in a <scp>TCR</scp>â€independent manner. European Journal of Immunology, 2014, 44, 195-203.	1.6	484
18	Sustained Dysfunction of Antiviral CD8 + T Lymphocytes after Infection with Hepatitis C Virus. Journal of Virology, 2001, 75, 5550-5558.	1.5	475

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19	Reduced neutralization of SARS-CoV-2 B.1.1.7 variant by convalescent and vaccine sera. Cell, 2021, 184, 2201-2211.e7.	13.5	442
20	Cytotoxic T-cell activity antagonized by naturally occurring HIV-1 Gag variants. Nature, 1994, 369, 403-407.	13.7	438
21	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. EClinicalMedicine, 2021, 31, 100683.	3.2	435
22	Prostaglandin D2 activates group 2 innate lymphoid cells through chemoattractant receptor-homologous molecule expressed on TH2 cells. Journal of Allergy and Clinical Immunology, 2014, 133, 1184-1194.e7.	1.5	433
23	MAIT cells are activated during human viral infections. Nature Communications, 2016, 7, 11653.	5.8	428
24	Hepatitis C. Lancet, The, 2015, 385, 1124-1135.	6.3	424
25	Memory Inflation: Continuous Accumulation of Antiviral CD8+ T Cells Over Time. Journal of Immunology, 2003, 170, 2022-2029.	0.4	422
26	Adaptation of HIV-1 to human leukocyte antigen class I. Nature, 2009, 458, 641-645.	13.7	408
27	Human Innate Lymphoid Cell Subsets Possess Tissue-Type Based Heterogeneity in Phenotype and Frequency. Immunity, 2017, 46, 148-161.	6.6	380
28	T cells and viral persistence: lessons from diverse infections. Nature Immunology, 2005, 6, 873-879.	7.0	371
29	T cell responses to cytomegalovirus. Nature Reviews Immunology, 2016, 16, 367-377.	10.6	365
30	Analysis of CD161 expression on human CD8⁺T cells defines a distinct functional subset with tissue-homing properties. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3006-3011.	3.3	359
31	Novel Adenovirus-Based Vaccines Induce Broad and Sustained T Cell Responses to HCV in Man. Science Translational Medicine, 2012, 4, 115ra1.	5.8	356
32	Antigenic oscillations and shifting immunodominance in HIV-1 infections. Nature, 1995, 375, 606-611.	13.7	342
33	Performance characteristics of five immunoassays for SARS-CoV-2: a head-to-head benchmark comparison. Lancet Infectious Diseases, The, 2020, 20, 1390-1400.	4.6	336
34	The antigenic anatomy of SARS-CoV-2 receptor binding domain. Cell, 2021, 184, 2183-2200.e22.	13.5	331
35	Direct Ex Vivo Analysis of Antigen-Specific IFN-Î³-Secreting CD4 T Cells in Mycobacterium tuberculosis-Infected Individuals: Associations with Clinical Disease State and Effect of Treatment. Journal of Immunology, 2001, 167, 5217-5225.	0.4	329
36	Temporal Analysis of Early Immune Responses in Patients With Acute Hepatitis B Virus Infection. Gastroenterology, 2009, 137, 1289-1300.	0.6	324

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37	Original antigenic sin impairs cytotoxic T lymphocyte responses to viruses bearing variant epitopes. Nature, 1998, 394, 482-485.	13.7	322
38	Early and nonreversible decrease of CD161++/MAIT cells in HIV infection. Blood, 2013, 121, 951-961.	0.6	307
39	CD8+ T lymphocyte responses are induced during acute hepatitis C virus infection but are not sustained. European Journal of Immunology, 2000, 30, 2479-2487.	1.6	297
40	A human vaccine strategy based on chimpanzee adenoviral and MVA vectors that primes, boosts, and sustains functional HCV-specific T cell memory. Science Translational Medicine, 2014, 6, 261ra153.	5.8	297
41	CD39 Expression Identifies Terminally Exhausted CD8+ T Cells. PLoS Pathogens, 2015, 11, e1005177.	2.1	296
42	CD8 Epitope Escape and Reversion in Acute HCV Infection. Journal of Experimental Medicine, 2004, 200, 1593-1604.	4.2	289
43	High resolution analysis of cellular immune responses in resolved and persistent hepatitis C virus infection. Gastroenterology, 2004, 127, 924-936.	0.6	276
44	Autophagy is a critical regulator of memory CD8+ T cell formation. ELife, 2014, 3, .	2.8	276
45	Dynamic Relationship between IFN-Î³ and IL-2 Profile of Mycobacterium tuberculosis-Specific T Cells and Antigen Load. Journal of Immunology, 2007, 178, 5217-5226.	0.4	269
46	Phase 1/2 trial of SARS-CoV-2 vaccine ChAdOx1 nCoV-19 with a booster dose induces multifunctional antibody responses. Nature Medicine, 2021, 27, 279-288.	15.2	265
47	CD161 Defines a Transcriptional and Functional Phenotype across Distinct Human T Cell Lineages. Cell Reports, 2014, 9, 1075-1088.	2.9	264
48	Regulatory T Cells Suppress In Vitro Proliferation of Virus-Specific CD8 + T Cells during Persistent Hepatitis C Virus Infection. Journal of Virology, 2005, 79, 7852-7859.	1.5	262
49	Immunogenicity of standard and extended dosing intervals of BNT162b2 mRNA vaccine. Cell, 2021, 184, 5699-5714.e11.	13.5	262
50	Vaccine Vectors Derived from a Large Collection of Simian Adenoviruses Induce Potent Cellular Immunity Across Multiple Species. Science Translational Medicine, 2012, 4, 115ra2.	5.8	257
51	POLE Proofreading Mutations Elicit an Antitumor Immune Response in Endometrial Cancer. Clinical Cancer Research, 2015, 21, 3347-3355.	3.2	249
52	Ex vivo analysis of human memory CD4 T cells specific for hepatitis C virus using MHC class II tetramers. Journal of Clinical Investigation, 2003, 112, 831-842.	3.9	246
53	Human MAIT and CD8Î±Î± cells develop from a pool of type-17 precommitted CD8+ T cells. Blood, 2012, 119, 422-433.	0.6	239
54	Identification and Characterization of a Novel Siglec, Siglec-7, Expressed by Human Natural Killer Cells and Monocytes. Journal of Biological Chemistry, 1999, 274, 34089-34095.	1.6	228

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55	Transmission and accumulation of CTL escape variants drive negative associations between HIV polymorphisms and HLA. Journal of Experimental Medicine, 2005, 201, 891-902.	4.2	220
56	Co-infections, secondary infections, and antimicrobial use in patients hospitalised with COVID-19 during the first pandemic wave from the ISARIC WHO CCP-UK study: a multicentre, prospective cohort study. Lancet Microbe, The, 2021, 2, e354-e365.	3.4	216
57	Four Distinct Patterns of Memory CD8 T Cell Responses to Chronic Murine Cytomegalovirus Infection. Journal of Immunology, 2006, 177, 450-458.	0.4	214
58	Peripheral CD8+ T cell characteristics associated with durable responses to immune checkpoint blockade in patients with metastatic melanoma. Nature Medicine, 2020, 26, 193-199.	15.2	211
59	Toll-Like Receptor 8 Agonist and Bacteria Trigger Potent Activation of Innate Immune Cells in Human Liver. PLoS Pathogens, 2014, 10, e1004210.	2.1	204
60	High Level of PD-1 Expression on Hepatitis C Virus (HCV)-Specific CD8 ⁺ and CD4 ⁺ T Cells during Acute HCV Infection, Irrespective of Clinical Outcome. Journal of Virology, 2008, 82, 3154-3160.	1.5	193
61	Dominant influence of an HLA-B27 restricted CD8+ T cell response in mediating HCV clearance and evolution. Hepatology, 2006, 43, 563-572.	3.6	191
62	TCR and Inflammatory Signals Tune Human MAIT Cells to Exert Specific Tissue Repair and Effector Functions. Cell Reports, 2019, 28, 3077-3091.e5.	2.9	191
63	Genetic History of Hepatitis C Virus in East Asia. Journal of Virology, 2009, 83, 1071-1082.	1.5	190
64	Safety and immunogenicity of the ChAdOx1 nCoV-19 (AZD1222) vaccine against SARS-CoV-2 in HIV infection: a single-arm substudy of a phase 2/3 clinical trial. Lancet HIV,the, 2021, 8, e474-e485.	2.1	190
65	Comprehensive Analysis of CD8+-T-Cell Responses against Hepatitis C Virus Reveals Multiple Unpredicted Specificities. Journal of Virology, 2002, 76, 6104-6113.	1.5	184
66	A non-retroviral RNA virus persists in DNA form. Nature, 1997, 390, 298-301.	13.7	179
67	Antibody testing for COVID-19: A report from theÂNational COVID Scientific Advisory Panel. Wellcome Open Research, 2020, 5, 139.	0.9	179
68	Outcome of Hospitalization for COVID-19 in Patients with Interstitial Lung Disease. An International Multicenter Study. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1656-1665.	2.5	171
69	Antigen processing influences HIV-specific cytotoxic T lymphocyte immunodominance. Nature Immunology, 2009, 10, 636-646.	7.0	170
70	Biliary epithelium and liver B cells exposed to bacteria activate intrahepatic MAIT cells through MR1. Journal of Hepatology, 2016, 64, 1118-1127.	1.8	170
71	CXCR3-dependent recruitment and CCR6-mediated positioning of Th-17 cells in the inflamed liver. Journal of Hepatology, 2012, 57, 1044-1051.	1.8	167
72	Evolution of diverse antiviral CD8+ T?cell populations after murine cytomegalovirus infection. European Journal of Immunology, 2005, 35, 1113-1123.	1.6	164

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73	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity. Cell, 2022, 185, 916-938.e58.	13.5	164
74	Tracking T cells with tetramers: new tales from new tools. Nature Reviews Immunology, 2002, 2, 263-272.	10.6	163
75	Preferential loss of IL-2-secreting CD4+ T helper cells in chronic HCV infection. Hepatology, 2005, 41, 1019-1028.	3.6	162
76	Shared Alterations in NK Cell Frequency, Phenotype, and Function in Chronic Human Immunodeficiency Virus and Hepatitis C Virus Infections. Journal of Virology, 2005, 79, 12365-12374.	1.5	161
77	Inflammatory profiles across the spectrum of disease reveal a distinct role for GM-CSF in severe COVID-19. Science Immunology, 2021, 6, .	5.6	161
78	Development and validation of the ISARIC 4C Deterioration model for adults hospitalised with COVID-19: a prospective cohort study. Lancet Respiratory Medicine,the, 2021, 9, 349-359.	5.2	161
79	MAIT cells: new guardians of the liver. Clinical and Translational Immunology, 2016, 5, e98.	1.7	160
80	MAIT cells contribute to protection against lethal influenza infection in vivo. Nature Communications, 2018, 9, 4706.	5.8	160
81	The impact of differential antiviral immunity in children and adults. Nature Reviews Immunology, 2012, 12, 636-648.	10.6	157
82	Ex Vivo Characterization of Early Secretory Antigenic Target 6-Specific T Cells at Sites of Active Disease in Pleural Tuberculosis. Clinical Infectious Diseases, 2005, 40, 184-187.	2.9	155
83	Activation and InÂVivo Evolution of the MAIT Cell Transcriptome in Mice and Humans Reveals Tissue Repair Functionality. Cell Reports, 2019, 28, 3249-3262.e5.	2.9	154
84	Ex vivo analysis of human memory CD4 T cells specific for hepatitis C virus using MHC class II tetramers. Journal of Clinical Investigation, 2003, 112, 831-842.	3.9	153
85	HIV-1 infection is characterized by profound depletion of CD161+ Th17 cells and gradual decline in regulatory T cells. Aids, 2010, 24, 491-502.	1.0	152
86	MAIT Cells in Health and Disease. Annual Review of Immunology, 2020, 38, 203-228.	9.5	152
87	A novel technique for the fluorometric assessment of T lymphocyte antigen specific lysis. Journal of Immunological Methods, 2001, 249, 99-110.	0.6	150
88	Two doses of SARS-CoV-2 vaccination induce robust immune responses to emerging SARS-CoV-2 variants of concern. Nature Communications, 2021, 12, 5061.	5.8	150
89	Predicting spontaneous clearance of acute hepatitis C virus in a large cohort of HIV-1-infected men. Gut, 2011, 60, 837-845.	6.1	146
90	A novel method for autophagy detection in primary cells. Autophagy, 2012, 8, 677-689.	4.3	141

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91	Mucosal-Associated Invariant T-Cells: New Players in Anti-Bacterial Immunity. Frontiers in Immunology, 2014, 5, 450.	2.2	141
92	Quantification and localisation of FOXP3+ T lymphocytes and relation to hepatic inflammation during chronic HCV infection. Journal of Hepatology, 2007, 47, 316-324.	1.8	140
93	Memory T cell inflation: understanding cause and effect. Trends in Immunology, 2012, 33, 84-90.	2.9	140
94	Epidemiology and impact of HIV coinfection with Hepatitis B and Hepatitis C viruses in Sub-Saharan Africa. Journal of Clinical Virology, 2014, 61, 20-33.	1.6	138
95	Antagonist HIV-1 Gag Peptides Induce Structural Changes in HLA B8. Journal of Experimental Medicine, 1996, 184, 2279-2286.	4.2	136
96	The dynamics of T-lymphocyte responses during combination therapy for chronic hepatitis C virus infection. Hepatology, 2002, 36, 743-754.	3.6	132
97	Hepatitis C virus drug resistance and immune-driven adaptations: Relevance to new antiviral therapy. Hepatology, 2009, 49, 1069-1082.	3.6	131
98	T-cell and antibody responses to first BNT162b2 vaccine dose in previously infected and SARS-CoV-2-naive UK health-care workers: a multicentre prospective cohort study. Lancet Microbe, The, 2022, 3, e21-e31.	3.4	131
99	Cysteinyl leukotriene E 4 activates human group 2 innate lymphoid cells and enhances the effect of prostaglandin D 2 and epithelial cytokines. Journal of Allergy and Clinical Immunology, 2017, 140, 1090-1100.e11.	1.5	130
100	Genome-to-genome analysis highlights the effect of the human innate and adaptive immune systems on the hepatitis C virus. Nature Genetics, 2017, 49, 666-673.	9.4	129
101	T cell responses in hepatitis C: the good, the bad and the unconventional. Gut, 2012, 61, 1226-1234.	6.1	126
102	Genome-wide association of multiple complex traits in outbred mice by ultra-low-coverage sequencing. Nature Genetics, 2016, 48, 912-918.	9.4	124
103	A prenylated dsRNA sensor protects against severe COVID-19. Science, 2021, 374, eabj3624.	6.0	124
104	Commercially Available Outbred Mice for Genome-Wide Association Studies. PLoS Genetics, 2010, 6, e1001085.	1.5	122
105	Risk of adverse outcomes in patients with underlying respiratory conditions admitted to hospital with COVID-19: a national, multicentre prospective cohort study using the ISARIC WHO Clinical Characterisation Protocol UK. Lancet Respiratory Medicine,the, 2021, 9, 699-711.	5.2	122
106	SARS-CoV-2 RNA detected in blood products from patients with COVID-19 is not associated with infectious virus. Wellcome Open Research, 2020, 5, 181.	0.9	122
107	Directex vivo comparison of the breadth and specificity of the T cells in the liver and peripheral blood of patients with chronic HCV infection. European Journal of Immunology, 2001, 31, 2388-2394.	1.6	118
108	Comparison of Next-Generation Sequencing Technologies for Comprehensive Assessment of Full-Length Hepatitis C Viral Genomes. Journal of Clinical Microbiology, 2016, 54, 2470-2484.	1.8	112

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109	Detection of PolyfunctionalMycobacterium tuberculosisâ€“Specific T Cells and Association with Viral Load in HIVâ€1â€“Infected Persons. Journal of Infectious Diseases, 2008, 197, 990-999.	1.9	111
110	The magnitude and breadth of hepatitis C virusâ€“specific CD8+ T cells depend on absolute CD4+ T-cell count in individuals coinfected with HIV-1. Blood, 2005, 105, 1170-1178.	0.6	110
111	Characterisation of in-hospital complications associated with COVID-19 using the ISARIC WHO Clinical Characterisation Protocol UK: a prospective, multicentre cohort study. Lancet, The, 2021, 398, 223-237.	6.3	110
112	An immunodominant NP105â€“113-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. Nature Immunology, 2022, 23, 50-61.	7.0	110
113	Association of genetic variants of the chemokine receptor CCR5 and its ligands, RANTES and MCP-2, with outcome of HCV infection. Hepatology, 2003, 38, 1468-1476.	3.6	109
114	HIV-1 Viral Escape in Infancy Followed by Emergence of a Variant-Specific CTL Response. Journal of Immunology, 2005, 174, 7524-7530.	0.4	109
115	Chimpanzee adenovirusâ€“ and MVA-vectored respiratory syncytial virus vaccine is safe and immunogenic in adults. Science Translational Medicine, 2015, 7, 300ra126.	5.8	109
116	CpG-Containing Oligonucleotides Are Efficient Adjuvants for Induction of Protective Antiviral Immune Responses with T-Cell Peptide Vaccines. Journal of Virology, 1999, 73, 4120-4126.	1.5	108
117	Mutant Prolactin Receptor and Familial Hyperprolactinemia. New England Journal of Medicine, 2013, 369, 2012-2020.	13.9	106
118	Mucosa-associated invariant T cells link intestinal immunity with antibacterial immune defects in alcoholic liver disease. Gut, 2018, 67, 918-930.	6.1	106
119	Potent cross-reactive antibodies following Omicron breakthrough in vaccinees. Cell, 2022, 185, 2116-2131.e18.	13.5	105
120	TLR signaling in human antigenâ€presenting cells regulates MR1â€dependent activation of MAITÂcells. European Journal of Immunology, 2016, 46, 1600-1614.	1.6	104
121	Transcriptome sequencing, microarray, and proteomic analyses reveal cellular and metabolic impact of hepatitis C virus infection in vitro. Hepatology, 2010, 52, 443-453.	3.6	103
122	Vaccination for hepatitis C virus: closing in on an evasive target. Expert Review of Vaccines, 2011, 10, 659-672.	2.0	103
123	Treatment of COVID-19 with remdesivir in the absence of humoral immunity: a case report. Nature Communications, 2020, 11, 6385.	5.8	103
124	Full-Breadth Analysis of CD8 + T-Cell Responses in Acute Hepatitis C Virus Infection and Early Therapy. Journal of Virology, 2005, 79, 12979-12988.	1.5	102
125	T cell assays differentiate clinical and subclinical SARS-CoV-2 infections from cross-reactive antiviral responses. Nature Communications, 2021, 12, 2055.	5.8	102
126	Human Immunodeficiency Virus Type 1-Hepatitis C Virus Coinfection: Intraindividual Comparison of Cellular Immune Responses against Two Persistent Viruses. Journal of Virology, 2002, 76, 2817-2826.	1.5	101

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127	Effects of Promyelocytic Leukemia Protein on Virus-Host Balance. Journal of Virology, 2002, 76, 3810-3818.	1.5	101
128	Frequency and Phenotype of Circulating VÎ±24/VÎ²11 Double-Positive Natural Killer T Cells during Hepatitis C Virus Infection. Journal of Virology, 2003, 77, 2251-2257.	1.5	101
129	Ongoing burden of disease and mortality from HIV/CMV coinfection in Africa in the antiretroviral therapy era. Frontiers in Microbiology, 2015, 6, 1016.	1.5	101
130	Shared and Distinct Phenotypes and Functions of Human CD161++ VÎ±7.2+ T Cell Subsets. Frontiers in Immunology, 2017, 8, 1031.	2.2	101
131	Expansion of Protective CD8 + T-Cell Responses Driven by Recombinant Cytomegaloviruses. Journal of Virology, 2004, 78, 2255-2264.	1.5	100
132	Interferon lambdas: the next cytokine storm. Gut, 2011, 60, 1284-1293.	6.1	100
133	Underwhelming the Immune Response: Effect of Slow Virus Growth on CD8 + -T-Lymphocyte Responses. Journal of Virology, 2004, 78, 2247-2254.	1.5	99
134	A protocol for high-throughput phenotyping, suitable for quantitative trait analysis in mice. Mammalian Genome, 2006, 17, 129-146.	1.0	99
135	Loss of viral fitness and cross-recognition by CD8+ T cells limit HCV escape from a protective HLA-B27â€“restricted human immune response. Journal of Clinical Investigation, 2009, 119, 376-86.	3.9	99
136	Pervasive Influence of Hepatitis C Virus on the Phenotype of Antiviral CD8+ T Cells. Journal of Immunology, 2004, 172, 1744-1753.	0.4	98
137	Why the elderly appear to be more severely affected by <scp>COVID</scp>â€19: The potential role of immunosenescence and <scp>CMV</scp>. Reviews in Medical Virology, 2020, 30, e2144.	3.9	98
138	CD161-Expressing Human T Cells. Frontiers in Immunology, 2011, 2, 36.	2.2	96
139	Human T cell responses to Japanese encephalitis virus in health and disease. Journal of Experimental Medicine, 2016, 213, 1331-1352.	4.2	96
140	Proliferative Capacity of Epitope-Specific CD8 T-Cell Responses Is Inversely Related to Viral Load in Chronic Human Immunodeficiency Virus Type 1 Infection. Journal of Virology, 2007, 81, 434-438.	1.5	91
141	Features of Effective T Cell-Inducing Vaccines against Chronic Viral Infections. Frontiers in Immunology, 2018, 9, 276.	2.2	91
142	CD161 Defines a Functionally Distinct Subset of Pro-Inflammatory Natural Killer Cells. Frontiers in Immunology, 2018, 9, 486.	2.2	91
143	MAIT cells and viruses. Immunology and Cell Biology, 2018, 96, 630-641.	1.0	90
144	Viral escape mechanisms - escapology taught by viruses. International Journal of Experimental Pathology, 2008, 82, 269-286.	0.6	89

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145	Low Levels of Peripheral CD161++CD8+ Mucosal Associated Invariant T (MAIT) Cells Are Found in HIV and HIV/TB Co-Infection. PLoS ONE, 2013, 8, e83474.	1.1	88
146	Nrf2 controls iron homoeostasis in haemochromatosis and thalassaemia via Bmp6 and hepcidin. Nature Metabolism, 2019, 1, 519-531.	5.1	88
147	MAIT cell activation augments adenovirus vector vaccine immunogenicity. Science, 2021, 371, 521-526.	6.0	88
148	Interferon-Gammaâ€"Producing CD8+ Tissue Resident Memory T Cells Are a Targetable Hallmark of Immune Checkpoint Inhibitorâ€"Colitis. Gastroenterology, 2021, 161, 1229-1244.e9.	0.6	87
149	Impairment of Cd4+ T Cell Responses during Chronic Virus Infection Prevents Neutralizing Antibody Responses against Virus Escape Mutants. Journal of Experimental Medicine, 2001, 193, 297-306.	4.2	86
150	Elevation of CpG frequencies in influenza A genome attenuates pathogenicity but enhances host response to infection. ELife, 2016, 5, e12735.	2.8	86
151	A functional and kinetic comparison of antiviral effector and memory cytotoxic T lymphocyte populationsin vivo andin vitro. European Journal of Immunology, 1997, 27, 3404-3413.	1.6	85
152	Ultrasensitive Detection and Phenotyping of CD4+ T Cells with Optimized HLA Class II Tetramer Staining. Journal of Immunology, 2005, 175, 6334-6343.	0.4	85
153	HIV: current opinion in escapology. Current Opinion in Microbiology, 2002, 5, 408-413.	2.3	83
154	Prolonged Activation of Virus-Specific CD8+T Cells after Acute B19 Infection. PLoS Medicine, 2005, 2, e343.	3.9	83
155	High-Resolution Phylogenetic Analysis of Hepatitis C Virus Adaptation and Its Relationship to Disease Progression. Journal of Virology, 2004, 78, 3447-3454.	1.5	81
156	SARS-CoV-2 RNA detected in blood products from patients with COVID-19 is not associated with infectious virus. Wellcome Open Research, 2020, 5, 181.	0.9	81
157	Life, activation and death of intrahepatic lymphocytes in chronic hepatitis C. Immunological Reviews, 2000, 174, 77-89.	2.8	80
158	Induction and Maintenance of CX3CR1-Intermediate Peripheral Memory CD8+ T Cells by Persistent Viruses and Vaccines. Cell Reports, 2018, 23, 768-782.	2.9	79
159	Direct quantitation of rapid elimination of viral antigen-positive lymphocytes by antiviral CD8+ T cellsin vivo. European Journal of Immunology, 2000, 30, 1356-1363.	1.6	78
160	Hepatitis C vaccine: supply and demand. Lancet Infectious Diseases, The, 2008, 8, 379-386.	4.6	78
161	Changes in in-hospital mortality in the first wave of COVID-19: a multicentre prospective observational cohort study using the WHO Clinical Characterisation Protocol UK. Lancet Respiratory Medicine,the, 2021, 9, 773-785.	5.2	78
162	Targeted reconstruction of T cell receptor sequence from single cell RNA-seq links CDR3 length to T cell differentiation state. Nucleic Acids Research, 2017, 45, e148-e148.	6.5	77

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163	Hepatitis C Virus (HCV) Sequence Variation Induces an HCV-Specific T-Cell Phenotype Analogous to Spontaneous Resolution. Journal of Virology, 2010, 84, 1656-1663.	1.5	76
164	Molecular footprints reveal the impact of the protective HLA-A*03 allele in hepatitis C virus infection. Gut, 2011, 60, 1563-1571.	6.1	76
165	A Dominant Role for the Immunoproteasome in CD8+ T Cell Responses to Murine Cytomegalovirus. PLoS ONE, 2011, 6, e14646.	1.1	76
166	The effects of natural altered peptide ligands on the whole blood cytotoxic T lymphocyte response to human immunodeficiency virus. European Journal of Immunology, 1995, 25, 1927-1931.	1.6	75
167	High Frequencies of Exposure to the Novel Human Parvovirus PARV4 in Hemophiliacs and Injection Drug Users, as Detected by a Serological Assay for PARV4 Antibodies. Journal of Infectious Diseases, 2009, 200, 1119-1125.	1.9	75
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