Daniel C Douek

List of Publications by Year
in descending order

186 papers	32,599 citations	6613 79 h-index	4228 174 g-index
197 all docs	197 docs citations	197 times ranked	27984 citing authors

#	Article	IF	Citations
1	Changes in thymic function with age and during the treatment of HIV infection. Nature, 1998, 396, 690-695.	27.8	1,778
2	CD4+ T Cell Depletion during all Stages of HIV Disease Occurs Predominantly in the Gastrointestinal Tract. Journal of Experimental Medicine, 2004, 200, 749-759.	8.5	1,561
3	HIV reservoir size and persistence are driven by T cell survival and homeostatic proliferation. Nature Medicine, 2009, 15, 893-900.	30.7	1,519
4	Sensitive and viable identification of antigen-specific CD8+ T cells by a flow cytometric assay for degranulation. Journal of Immunological Methods, 2003, 281, 65-78.	1.4	1,424
5	Massive infection and loss of memory CD4+ T cells in multiple tissues during acute SIV infection. Nature, 2005, 434, 1093-1097.	27.8	1,161
6	HIV preferentially infects HIV-specific CD4+ T cells. Nature, 2002, 417, 95-98.	27.8	1,132
7	Plasma Levels of Soluble CD14 Independently Predict Mortality in HIV Infection. Journal of Infectious Diseases, 2011, 203, 780-790.	4.0	957
8	PD-1 identifies the patient-specific CD8+ tumor-reactive repertoire infiltrating human tumors. Journal of Clinical Investigation, 2014, 124, 2246-2259.	8.2	892
9	Superior control of HIV-1 replication by CD8+ T cells is reflected by their avidity, polyfunctionality, and clonal turnover. Journal of Experimental Medicine, 2007, 204, 2473-2485.	8.5	655
10	Analysis of Total Human Immunodeficiency Virus (HIV)-Specific CD4 + and CD8 + T-Cell Responses: Relationship to Viral Load in Untreated HIV Infection. Journal of Virology, 2001, 75, 11983-11991.	3.4	652
11	Relationship between T Cell Activation and CD4⁺T Cell Count in HIVâ€Seropositive Individuals with Undetectable Plasma HIV RNA Levels in the Absence of Therapy. Journal of Infectious Diseases, 2008, 197, 126-133.	4.0	579
12	Persistent HIV-1 replication is associated with lower antiretroviral drug concentrations in lymphatic tissues. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2307-2312.	7.1	579
13	Differential Th17 CD4 T-cell depletion in pathogenic and nonpathogenic lentiviral infections. Blood, 2008, 112, 2826-2835.	1.4	562
14	Assessment of thymic output in adults after haematopoietic stemcell transplantation and prediction of T-cell reconstitution. Lancet, The, 2000, 355, 1875-1881.	13.7	557
15	Plasma Levels of Bacterial DNA Correlate with Immune Activation and the Magnitude of Immune Restoration in Persons with Antiretroviralâ€Treated HIV Infection. Journal of Infectious Diseases, 2009, 199, 1177-1185.	4.0	527
16	HIV disease: fallout from a mucosal catastrophe?. Nature Immunology, 2006, 7, 235-239.	14.5	521
17	Emerging Concepts in the Immunopathogenesis of AIDS. Annual Review of Medicine, 2009, 60, 471-484.	12.2	499
18	T Cell Dynamics in HIV-1 Infection. Annual Review of Immunology, 2003, 21, 265-304.	21.8	498

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19	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. Nature, 2022, 603, 687-692.	27.8	475
20	Immunization with vaccinia virus induces polyfunctional and phenotypically distinctive CD8+ T cell responses. Journal of Experimental Medicine, 2007, 204, 1405-1416.	8.5	428
21	Type I interferon responses in rhesus macaques prevent SIV infection and slow disease progression. Nature, 2014, 511, 601-605.	27.8	422
22	Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. Science Translational Medicine, 2015, 7, 319ra206.	12.4	390
23	Avidity for antigen shapes clonal dominance in CD8+ T cell populations specific for persistent DNA viruses. Journal of Experimental Medicine, 2005, 202, 1349-1361.	8.5	360
24	T-Cell Subsets That Harbor Human Immunodeficiency Virus (HIV) In Vivo: Implications for HIV Pathogenesis. Journal of Virology, 2004, 78, 1160-1168.	3.4	351
25	CD8+ T cell efficacy in vaccination and disease. Nature Medicine, 2008, 14, 623-628.	30.7	336
26	Immune activation and <scp>HIV</scp> persistence: implications for curative approaches to <scp>HIV</scp> infection. Immunological Reviews, 2013, 254, 326-342.	6.0	334
27	The molecular basis for public T-cell responses?. Nature Reviews Immunology, 2008, 8, 231-238.	22.7	324
28	CD4 T follicular helper cell dynamics during SIV infection. Journal of Clinical Investigation, 2012, 122, 3281-3294.	8.2	307
29	Identification of Genetically Intact HIV-1 Proviruses in Specific CD4 + T Cells from Effectively Treated Participants. Cell Reports, 2017, 21, 813-822.	6.4	304
30	Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants. New England Journal of Medicine, 2021, 385, 664-666.	27.0	297
31	Acquisition of direct antiviral effector functions by CMV-specific CD4+ T lymphocytes with cellular maturation. Journal of Experimental Medicine, 2006, 203, 2865-2877.	8.5	293
32	T Cell Receptor Recognition Motifs Govern Immune Escape Patterns in Acute SIV Infection. Immunity, 2004, 21, 793-803.	14.3	263
33	Distinct lineages of TH1 cells have differential capacities for memory cell generation in vivo. Nature Immunology, 2002, 3, 852-858.	14.5	258
34	Progressive CD4+ centralâ€“memory T cell decline results in CD4+ effectorâ€“memory insufficiency and overt disease in chronic SIV infection. Journal of Experimental Medicine, 2007, 204, 2171-2185.	8.5	257
35	Large number of rebounding/founder HIV variants emerge from multifocal infection in lymphatic tissues after treatment interruption. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1126-34.	7.1	252
36	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. Science, 2021, 373, eabj0299.	12.6	244

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37	Evidence for Increased T Cell Turnover and Decreased Thymic Output in HIV Infection. Journal of Immunology, 2001, 167, 6663-6668.	0.8	232
38	High prevalence of autoreactive, neuroantigen-specific CD8+ T cells in multiple sclerosis revealed by novel flow cytometric assay. Blood, 2004, 103, 4222-4231.	1.4	229
39	Sharing of T cell receptors in antigen-specific responses is driven by convergent recombination. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18691-18696.	7.1	222
40	Bias in the Î±Î² Tâ€cell repertoire: implications for disease pathogenesis and vaccination. Immunology and Cell Biology, 2011, 89, 375-387.	2.3	218
41	Initiation of ART during Early Acute HIV Infection Preserves Mucosal Th17 Function and Reverses HIV-Related Immune Activation. PLoS Pathogens, 2014, 10, e1004543.	4.7	218
42	Immunisation with BCG and recombinant MVA85A induces longâ€lasting, polyfunctional Mycobacterium tuberculosisâ€specific CD4⁺ memory T lymphocyte populations. European Journal of Immunology, 2007, 37, 3089-3100.	2.9	206
43	TCR clonotypes modulate the protective effect of HLA class I molecules in HIV-1 infection. Nature Immunology, 2012, 13, 691-700.	14.5	203
44	Persistent, Albeit Reduced, Chronic Inflammation in Persons Starting Antiretroviral Therapy in Acute HIV Infection. Clinical Infectious Diseases, 2017, 64, 124-131.	5.8	200
45	Neutralizing antibody vaccine for pandemic and pre-emergent coronaviruses. Nature, 2021, 594, 553-559.	27.8	199
46	A Mechanism for TCR Sharing between T Cell Subsets and Individuals Revealed by Pyrosequencing. Journal of Immunology, 2011, 186, 4285-4294.	0.8	194
47	Antigen sensitivity is a major determinant of CD8+ T-cell polyfunctionality and HIV-suppressive activity. Blood, 2009, 113, 6351-6360.	1.4	192
48	Downregulation of Robust Acute Type I Interferon Responses Distinguishes Nonpathogenic Simian Immunodeficiency Virus (SIV) Infection of Natural Hosts from Pathogenic SIV Infection of Rhesus Macaques. Journal of Virology, 2010, 84, 7886-7891.	3.4	191
49	A Novel Approach to the Analysis of Specificity, Clonality, and Frequency of HIV-Specific T Cell Responses Reveals a Potential Mechanism for Control of Viral Escape. Journal of Immunology, 2002, 168, 3099-3104.	0.8	190
50	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron. Cell, 2022, 185, 1556-1571.e18.	28.9	179
51	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. Science, 2021, 373, .	12.6	174
52	Characterization and antiviral susceptibility of SARS-CoV-2 Omicron BA.2. Nature, 2022, 607, 119-127.	27.8	174
53	Vaccination preserves CD4 memory T cells during acute simian immunodeficiency virus challenge. Journal of Experimental Medicine, 2006, 203, 1533-1541.	8.5	169
54	Tumor- and Neoantigen-Reactive T-cell Receptors Can Be Identified Based on Their Frequency in Fresh Tumor. Cancer Immunology Research, 2016, 4, 734-743.	3.4	163

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55	T Cell Cross-Reactivity and Conformational Changes during TCR Engagement. Journal of Experimental Medicine, 2004, 200, 1455-1466.	8.5	159
56	mRNA-1273 and BNT162b2 mRNA vaccines have reduced neutralizing activity against the SARS-CoV-2 omicron variant. Cell Reports Medicine, 2022, 3, 100529.	6.5	158
57	Multiple Origins of Virus Persistence during Natural Control of HIV Infection. Cell, 2016, 166, 1004-1015.	28.9	156
58	Loss of Circulating CD4 T Cells with B Cell Helper Function during Chronic HIV Infection. PLoS Pathogens, 2014, 10, e1003853.	4.7	153
59	Public clonotype usage identifies protective Gag-specific CD8+ T cell responses in SIV infection. Journal of Experimental Medicine, 2009, 206, 923-936.	8.5	140
60	Longitudinal Genetic Characterization Reveals That Cell Proliferation Maintains a Persistent HIV Type 1 DNA Pool During Effective HIV Therapy. Journal of Infectious Diseases, 2015, 212, 596-607.	4.0	138
61	Where Does HIV Live?. New England Journal of Medicine, 2004, 350, 1872-1880.	27.0	137
62	Follicular CD8 T cells accumulate in HIV infection and can kill infected cells in vitro via bispecific antibodies. Science Translational Medicine, 2017, 9, .	12.4	135
63	Convergent recombination shapes the clonotypic landscape of the naÃ¯ve T-cell repertoire. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19414-19419.	7.1	131
64	Lymphatic Tissue Fibrosis Is Associated with Reduced Numbers of NaiÌ‚ve CD4 + T Cells in Human Immunodeficiency Virus Type 1 Infection. Vaccine Journal, 2006, 13, 556-560.	3.1	130
65	Characterization of functional and phenotypic changes in anti-Gag vaccine-induced T cell responses and their role in protection after HIV-1 infection. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4512-4517.	7.1	126
66	Single-cell RNA sequencing identifies inflammatory tissue T cells in eosinophilic esophagitis. Journal of Clinical Investigation, 2019, 129, 2014-2028.	8.2	123
67	The Functional Profile of Primary Human Antiviral CD8+ T Cell Effector Activity Is Dictated by Cognate Peptide Concentration. Journal of Immunology, 2004, 172, 6407-6417.	0.8	120
68	High-Functional-Avidity Cytotoxic T Lymphocyte Responses to HLA-B-Restricted Gag-Derived Epitopes Associated with Relative HIV Control. Journal of Virology, 2011, 85, 9334-9345.	3.4	120
69	Quality and quantity of T _{FH} cells are critical for broad antibody development in SHIV _{AD8} infection. Science Translational Medicine, 2015, 7, 298ra120.	12.4	119
70	Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652.	27.8	117
71	Identification and characterization of HIV-specific resident memory CD8 ⁺ T cells in human lymphoid tissue. Science Immunology, 2018, 3, .	11.9	116
72	Hypomorphic Rag mutations can cause destructive midline granulomatous disease. Blood, 2010, 116, 1263-1271.	1.4	110

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73	CD127 and CD25 Expression Defines CD4+ T Cell Subsets That Are Differentially Depleted during HIV Infection. Journal of Immunology, 2008, 180, 5582-5592.	0.8	106
74	T-Cell Responses Directed against Multiple HLA-A*0201-Restricted Epitopes Derived from Wilms' Tumor 1 Protein in Patients with Leukemia and Healthy Donors: Identification, Quantification, and Characterization. Clinical Cancer Research, 2005, 11, 8799-8807.	7.0	105
75	Gut barrier structure, mucosal immunity and intestinal microbiota in the pathogenesis and treatment of HIV infection. AIDS Research and Therapy, 2016, 13, 19.	1.7	105
76	Escape from highly effective public CD8+ T-cell clonotypes by HIV. Blood, 2011, 118, 2138-2149.	1.4	103
77	Disrupting T-cell homeostasis: how HIV-1 infection causes disease. AIDS Reviews, 2003, 5, 172-7.	1.0	95
78	CMV-specific T cells generated from naÃ¯ve T cells recognize atypical epitopes and may be protective in vivo. Science Translational Medicine, 2015, 7, 285ra63.	12.4	93
79	Characterization of subsets of CD4+ memory T cells reveals early branched pathways of T cell differentiation in humans. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7916-7921.	7.1	91
80	Replicative fitness of transmitted HIV-1 drives acute immune activation, proviral load in memory CD4 ⁺ T cells, and disease progression. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1480-9.	7.1	87
81	Maintenance of HIV-Specific CD4+ T Cell Help Distinguishes HIV-2 from HIV-1 Infection. Journal of Immunology, 2006, 176, 6973-6981.	0.8	85
82	Altered differentiation is central to HIV-specific CD4+ T cell dysfunction in progressive disease. Nature Immunology, 2019, 20, 1059-1070.	14.5	84
83	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccineâ€“boosted nonhuman primates. Science, 2021, 374, 1343-1353.	12.6	83
84	The transfer of adaptive immunity to CMV during hematopoietic stem cell transplantation is dependent on the specificity and phenotype of CMV-specific T cells in the donor. Blood, 2009, 114, 5071-5080.	1.4	82
85	Somatic reversion in dedicator of cytokinesis 8 immunodeficiency modulates disease phenotype. Journal of Allergy and Clinical Immunology, 2014, 133, 1667-1675.	2.9	82
86	Autocrine Production of Î²-Chemokines Protects CMV-Specific CD4+ T Cells from HIV Infection. PLoS Pathogens, 2009, 5, e1000646.	4.7	81
87	Elite control of HIV is associated with distinct functional and transcriptional signatures in lymphoid tissue CD8 ⁺ T cells. Science Translational Medicine, 2019, 11, .	12.4	81
88	Differential Selection Pressure Exerted on HIV by CTL Targeting Identical Epitopes but Restricted by Distinct HLA Alleles from the Same HLA Supertype. Journal of Immunology, 2006, 177, 4699-4708.	0.8	79
89	Benchmarking of T cell receptor repertoire profiling methods reveals large systematic biases. Nature Biotechnology, 2021, 39, 236-245.	17.5	78
90	Analysis of immunoglobulin transcripts and hypermutation following SHIVAD8 infection and protein-plus-adjuvant immunization. Nature Communications, 2015, 6, 6565.	12.8	77

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91	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.	14.5	77
92	Single-cell transcriptional landscapes reveal HIV-1â€“driven aberrant host gene transcription as a potential therapeutic target. Science Translational Medicine, 2020, 12, .	12.4	75
93	Unbiased Molecular Analysis of T Cell Receptor Expression Using Templateâ€Switch Anchored RTâ€PCR. Current Protocols in Immunology, 2011, 94, Unit10.33.	3.6	74
94	Identification and monitoring of graft-versus-host specific T-cell clone in stem cell transplantation. Lancet, The, 2003, 361, 1183-1185.	13.7	72
95	Interferons and HIV Infection: The Good, the Bad, and the Ugly. Pathogens and Immunity, 2016, 1, 107.	3.1	72
96	Long peptides induce polyfunctional T cells against conserved regions of HIVâ€1 with superior breadth to singleâ€gene vaccines in macaques. European Journal of Immunology, 2010, 40, 1973-1984.	2.9	71
97	Direct Ex Vivo Analysis of Human CD4+ Memory T Cell Activation Requirements at the Single Clonotype Level. Journal of Immunology, 2002, 169, 1207-1218.	0.8	67
98	Preferential Infection Shortens the Life Span of Human ImmunodeficiencyVirus-Specific CD4 + T Cells In Vivo. Journal of Virology, 2006, 80, 6801-6809.	3.4	67
99	System-wide Analysis of the T Cell Response. Cell Reports, 2016, 14, 2733-2744.	6.4	67
100	Cycling CD4+ T cells in HIV-infected immune nonresponders have mitochondrial dysfunction. Journal of Clinical Investigation, 2018, 128, 5083-5094.	8.2	67
101	JC Virus in CD34⁺and CD19⁺Cells in Patients With Multiple Sclerosis Treated With Natalizumab. JAMA Neurology, 2014, 71, 596.	9.0	65
102	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung. Cell, 2022, 185, 113-130.e15.	28.9	64
103	Human syndromes of immunodeficiency and dysregulation are characterized by distinct defects in T-cell receptor repertoire development. Journal of Allergy and Clinical Immunology, 2014, 133, 1109-1115.e14.	2.9	62
104	Human Immunodeficiency Virus Type 1 Protease Cleaves Procaspase 8 In Vivo. Journal of Virology, 2007, 81, 6947-6956.	3.4	61
105	HIV-Infected Langerhans Cells Preferentially Transmit Virus to Proliferating Autologous CD4+Memory T Cells Located within Langerhans Cell-T Cell Clusters. Journal of Immunology, 2004, 172, 2219-2224.	0.8	59
106	The Identity of Human Tissue-Emigrant CD8+ T Cells. Cell, 2020, 183, 1946-1961.e15.	28.9	58
107	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. Nature Immunology, 2021, 22, 1306-1315.	14.5	57
108	Protective antibodies elicited by SARS-CoV-2 spike protein vaccination are boosted in the lung after challenge in nonhuman primates. Science Translational Medicine, 2021, 13, .	12.4	56

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109	Lymphoid tissue fibrosis is associated with impaired vaccine responses. Journal of Clinical Investigation, 2018, 128, 2763-2773.	8.2	55
110	Fc-mediated effector function contributes to the in vivo antiviral effect of an HIV neutralizing antibody. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18754-18763.	7.1	53
111	Safety and virologic impact of the IL-15 superagonist N-803 in people living with HIV: a phase 1 trial. Nature Medicine, 2022, 28, 392-400.	30.7	52
112	T cell receptor sequencing of activated CD8 T cells in the blood identifies tumor-infiltrating clones that expand after PD-1 therapy and radiation in a melanoma patient. Cancer Immunology, Immunotherapy, 2018, 67, 1767-1776.	4.2	51
113	A SARS-CoV-2 spike ferritin nanoparticle vaccine protects hamsters against Alpha and Beta virus variant challenge. Npj Vaccines, 2021, 6, 129.	6.0	47
114	Changes in JC Virus-Specific T Cell Responses during Natalizumab Treatment and in Natalizumab-Associated Progressive Multifocal Leukoencephalopathy. PLoS Pathogens, 2012, 8, e1003014.	4.7	44
115	TCF-1 regulates HIV-specific CD8+ T cell expansion capacity. JCI Insight, 2021, 6, .	5.0	43
116	Accumulation of follicular CD8+ T cells in pathogenic SIV infection. Journal of Clinical Investigation, 2018, 128, 2089-2103.	8.2	43
117	A Phase I study evaluating the safety and immunogenicity of MVA85A, a candidate TB vaccine, in HIV-infected adults. BMJ Open, 2011, 1, e000223-e000223.	1.9	42
118	Recombinatorial Biases and Convergent Recombination Determine Interindividual TCRÎ² Sharing in Murine Thymocytes. Journal of Immunology, 2012, 189, 2404-2413.	0.8	42
119	Persistent Survival of Prevalent Clonotypes within an Immunodominant HIV Gag-Specific CD8+ T Cell Response. Journal of Immunology, 2011, 186, 359-371.	0.8	40
120	Conflicting evidence for HIV enrichment in CD32+ CD4 T cells. Nature, 2018, 561, E9-E16.	27.8	40
121	Clonotype and Repertoire Changes Drive the Functional Improvement of HIV-Specific CD8 T Cell Populations under Conditions of Limited Antigenic Stimulation. Journal of Immunology, 2012, 188, 1156-1167.	0.8	38
122	Memory CD4 + T-Cells Expressing HLA-DR Contribute to HIV Persistence During Prolonged Antiretroviral Therapy. Frontiers in Microbiology, 2019, 10, 2214.	3.5	38
123	Virus Inhibition Activity of Effector Memory CD8 ⁺ T Cells Determines Simian Immunodeficiency Virus Load in Vaccinated Monkeys after Vaccine Breakthrough Infection. Journal of Virology, 2012, 86, 5877-5884.	3.4	37
124	Translocated microbiome composition determines immunological outcome in treated HIV infection. Cell, 2021, 184, 3899-3914.e16.	28.9	35
125	Suppressed Th17 Levels Correlate with Elevated PIAS3, SHP2, and SOCS3 Expression in CD4 T Cells during Acute Simian Immunodeficiency Virus Infection. Journal of Virology, 2013, 87, 7093-7101.	3.4	33
126	Type I IFN signaling blockade by a PASylated antagonist during chronic SIV infection suppresses specific inflammatory pathways but does not alter T cell activation or virus replication. PLoS Pathogens, 2018, 14, e1007246.	4.7	33

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127	Detection of low avidity CD8+ T cell populations with coreceptor-enhanced peptide-major histocompatibility complex class I tetramers. Journal of Immunological Methods, 2008, 338, 31-39.	1.4	32
128	High levels of genetically intact HIV in HLA-DR+ memory T cells indicates their value for reservoir studies. Aids, 2020, 34, 659-668.	2.2	32
129	Induction and Evolution of Cytomegalovirus-Specific CD4+ T Cell Clonotypes in Rhesus Macaques. Journal of Immunology, 2008, 180, 269-280.	0.8	31
130	Pathogenic Features Associated with Increased Virulence upon Simian Immunodeficiency Virus Cross-Species Transmission from Natural Hosts. Journal of Virology, 2014, 88, 6778-6792.	3.4	31
131	Intrathecal Tâ€cell clonal expansions in patients with multiple sclerosis. Annals of Clinical and Translational Neurology, 2016, 3, 422-433.	3.7	31
132	Lack of in vivo compartmentalization among HIV-1 infected naÃ¯ve and memory CD4+ T cell subsets. Virology, 2009, 393, 24-32.	2.4	30
133	Reconstitution of CD4 T Cells in Bronchoalveolar Lavage Fluid after Initiation of Highly Active Antiretroviral Therapy. Journal of Virology, 2010, 84, 9010-9018.	3.4	30
134	Principles Governing Establishment versus Collapse of HIV-1 Cellular Spread. Cell Host and Microbe, 2019, 26, 748-763.e20.	11.0	30
135	T-cell responses to KSHV infection: a systematic approach. Oncotarget, 2017, 8, 109402-109416.	1.8	29
136	Tâ€cell receptor sequencing demonstrates persistence of virusâ€specific T cells after antiviral immunotherapy. British Journal of Haematology, 2019, 187, 206-218.	2.5	29
137	Systemic vaccination prevents the total destruction of mucosal CD4 T cells during acute SIV challenge. Journal of Medical Primatology, 2006, 35, 217-224.	0.6	27
138	Degeneracy and Repertoire of the Human HIV-1 Gag p1777â€“85CTL Response. Journal of Immunology, 2006, 176, 6690-6701.	0.8	27
139	Different Vaccine Vectors Delivering the Same Antigen Elicit CD8+ T Cell Responses with Distinct Clonotype and Epitope Specificity. Journal of Immunology, 2009, 183, 2425-2434.	0.8	27
140	Minor viral and host genetic polymorphisms can dramatically impact the biologic outcome of an epitope-specific CD8 T-cell response. Blood, 2009, 114, 1553-1562.	1.4	27
141	â€˜Rinse and Replaceâ€™: Boosting T Cell Turnover To Reduce HIV-1 Reservoirs. Trends in Immunology, 2020, 41, 466-480.	6.8	26
142	Unusual immunophenotype of CD8+ T cells in familial hemophagocytic lymphohistiocytosis. Blood, 2004, 104, 2007-2009.	1.4	25
143	Availability of a Diversely Avid CD8+ T Cell Repertoire Specific for the Subdominant HLA-A2-Restricted HIV-1 Gag p2419â€“27 Epitope. Journal of Immunology, 2007, 178, 7756-7766.	0.8	25
144	HLA B*5701-Positive Long-Term Nonprogressors/Elite Controllers Are Not Distinguished from Progressors by the Clonal Composition of HIV-Specific CD8 ⁺ T Cells. Journal of Virology, 2012, 86, 4014-4018.	3.4	25

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145	Alloreactivity Across HLA Barriers Is Mediated by Both NaÃ¨ve and Antigen-Experienced T Cells. Biology of Blood and Marrow Transplantation, 2011, 17, 800-809.	2.0	24
146	VRC34-Antibody Lineage Development Reveals How a Required Rare Mutation Shapes the Maturation of a Broad HIV-Neutralizing Lineage. Cell Host and Microbe, 2020, 27, 531-543.e6.	11.0	23
147	Novel RecombinantMycobacterium bovisBCG, Ovine Atadenovirus, and Modified Vaccinia Virus Ankara Vaccines Combine To Induce Robust Human Immunodeficiency Virus-Specific CD4 and CD8 T-Cell Responses in Rhesus Macaques. Journal of Virology, 2010, 84, 5898-5908.	3.4	22
148	Isolation of viable antigen-specific CD8+ T cells based on membrane-bound tumor necrosis factor (TNF)-Î± expression. Journal of Immunological Methods, 2011, 369, 33-41.	1.4	22
149	MRSA Infections in HIV-Infected People Are Associated with Decreased MRSA-Specific Th1 Immunity. PLoS Pathogens, 2016, 12, e1005580.	4.7	22
150	The clonal composition of human CD4+CD25+Foxp3+ cells determined by a comprehensive DNA-based multiplex PCR for TCRB gene rearrangements. Journal of Immunological Methods, 2007, 321, 107-120.	1.4	21
151	Stochastic Expansions Maintain the Clonal Stability of CD8+ T Cell Populations Undergoing Memory Inflation Driven by Murine Cytomegalovirus. Journal of Immunology, 2020, 204, 112-121.	0.8	21
152	The Interplay Between Host Genetic Variation, Viral Replication, and Microbial Translocation in Untreated HIV-Infected Individuals. Journal of Infectious Diseases, 2015, 212, 578-584.	4.0	20
153	The peripheral differentiation of human natural killer T cells. Immunology and Cell Biology, 2019, 97, 586-596.	2.3	20
154	Impact of Antiretroviral Therapy Duration on HIV-1 Infection of T Cells within Anatomic Sites. Journal of Virology, 2020, 94, .	3.4	20
155	Evolution of the donor T-cell repertoire in recipients in the second decade after allogeneic stem cell transplantation. Blood, 2011, 117, 5250-5256.	1.4	18
156	Perspectives on Human Immunodeficiency Virus (HIV) Cure: HIV Persistence in Tissue. Journal of Infectious Diseases, 2017, 215, S128-S133.	4.0	17
157	Alloreactive T cell clonotype recruitment in a mixed lymphocyte reaction: Implications for graft engineering. Experimental Hematology, 2006, 34, 788-795.	0.4	16
158	Stochastic principles governing alternative splicing of RNA. PLoS Computational Biology, 2017, 13, e1005761.	3.2	16
159	Impact of Integrase Inhibition Compared With Nonnucleoside Inhibition on HIV Reservoirs in Lymphoid Tissues. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 81, 355-360.	2.1	16
160	The molecular assembly of the marsupial Î³Î¼ T cell receptor defines a third T cell lineage. Science, 2021, 371, 1383-1388.	12.6	16
161	Flow Cytometric Analysis of Human Antigen-Specific T-Cell Proliferation. Methods in Cell Biology, 2004, 75, 481-496.	1.1	15
162	Generation of robust CD8⁺ Tâ€cell responses against subdominant epitopes in conserved regions of HIVâ€1 by repertoire mining with mimotopes. European Journal of Immunology, 2010, 40, 1950-1962.	2.9	14

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163	Limited Maintenance of Vaccine-Induced Simian Immunodeficiency Virus-Specific CD8 T-Cell Receptor Clonotypes after Virus Challenge. Journal of Virology, 2008, 82, 7357-7368.	3.4	13
164	Manipulating the Interferon Signaling Pathway: Implications for HIV Infection. Virologica Sinica, 2019, 34, 192-196.	3.0	13
165	SIV-specific CD8+ T cells are clonotypically distinct across lymphoid and mucosal tissues. Journal of Clinical Investigation, 2020, 130, 789-798.	8.2	13
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