

# Daniel C Douek

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192  
papers

25,802  
citations

74  
h-index

160  
g-index

197  
ext. papers

30,237  
ext. citations

14.2  
avg, IF

6.4  
L-index

#	Paper	IF	Citations
192	mRNA-1273 and BNT162b2 mRNA vaccines have reduced neutralizing activity against the SARS-CoV-2 omicron variant.. <i>Cell Reports Medicine</i> , <b>2022</b> , 3, 100529	18	27
191	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters.. <i>Nature</i> , <b>2022</b> ,	50.4	89
190	Defining the risk of SARS-CoV-2 variants on immune protection.. <i>Nature</i> , <b>2022</b> ,	50.4	7
189	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron.. <i>Cell</i> , <b>2022</b> ,	56.2	22
188	Convergent epitope specificities, V gene usage and public clones elicited by primary exposure to SARS-CoV-2 variants. <b>2022</b> ,		1
187	mRNA-1273 and BNT162b2 mRNA vaccines have reduced neutralizing activity against the SARS-CoV-2 Omicron variant. <b>2021</b> ,		17
186	The SARS-CoV-2 B.1.1.529 Omicron virus causes attenuated infection and disease in mice and hamsters. <b>2021</b> ,		17
185	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung.. <i>Cell</i> , <b>2021</b> ,	56.2	24
184	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine-boosted nonhuman primates. <i>Science</i> , <b>2021</b> , 374, 1343-1353	33.3	32
183	A SARS-CoV-2 spike ferritin nanoparticle vaccine protects hamsters against Alpha and Beta virus variant challenge. <i>Npj Vaccines</i> , <b>2021</b> , 6, 129	9.5	8
182	The molecular assembly of the marsupial $\Gamma$ cell receptor defines a third T cell lineage. <i>Science</i> , <b>2021</b> , 371, 1383-1388	33.3	6
181	Acquisition of optimal TFH cell function is defined by specific molecular, positional, and TCR dynamic signatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	4
180	Neutralizing antibody vaccine for pandemic and pre-emergent coronaviruses. <i>Nature</i> , <b>2021</b> , 594, 553-559	50.4	85
179	A SARS-CoV-2 spike ferritin nanoparticle vaccine protects against heterologous challenge with B.1.1.7 and B.1.351 virus variants in Syrian golden hamsters <b>2021</b> ,		4
178	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , <b>2021</b> , 373,	33.3	80
177	Unified platform for genetic and serological detection of COVID-19 with single-molecule technology. <i>PLoS ONE</i> , <b>2021</b> , 16, e0255096	3.7	1
176	Benchmarking of T cell receptor repertoire profiling methods reveals large systematic biases. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 236-245	44.5	35

175	Pre-existing Immunity to Japanese Encephalitis Virus Alters CD4 T Cell Responses to Zika Virus Inactivated Vaccine. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 640190	8.4	2
174	TCF-1 regulates HIV-specific CD8+ T cell expansion capacity. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	16
173	Translocated microbiome composition determines immunological outcome in treated HIV infection. <i>Cell</i> , <b>2021</b> , 184, 3899-3914.e16	56.2	8
172	Protective antibodies elicited by SARS-CoV-2 spike protein vaccination are boosted in the lung after challenge in nonhuman primates. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	17
171	Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 664-666	59.2	137
170	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. <i>Nature Immunology</i> , <b>2021</b> , 22, 1306-1315	19.1	32
169	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. <i>Science</i> , <b>2021</b> , 373, eabj0299	33.3	86
168	Clonotypic architecture of a Gag-specific CD8+ T-cell response in chronic human HIV-2 infection. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 2485-2500	6.1	
167	Developmental and comparative immunology single-cell transcriptome analysis of the B-cell repertoire reveals the usage of immunoglobulins in the gray short-tailed opossum ( <i>Monodelphis domestica</i> ). <i>Developmental and Comparative Immunology</i> , <b>2021</b> , 123, 104141	3.2	1
166	The Identity of Human Tissue-Emigrant CD8 T Cells. <i>Cell</i> , <b>2020</b> , 183, 1946-1961.e15	56.2	25
165	Qinse and ReplaceQ Boosting T Cell Turnover To Reduce HIV-1 Reservoirs. <i>Trends in Immunology</i> , <b>2020</b> , 41, 466-480	14.4	6
164	Stochastic Expansions Maintain the Clonal Stability of CD8 T Cell Populations Undergoing Memory Inflation Driven by Murine Cytomegalovirus. <i>Journal of Immunology</i> , <b>2020</b> , 204, 112-121	5.3	13
163	Single-cell transcriptional landscapes reveal HIV-1-driven aberrant host gene transcription as a potential therapeutic target. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	32
162	Myeloid Cells Enriched for a Dendritic Cell Population From People Living With HIV Have Altered Gene Expression Not Restored by Antiretroviral Therapy. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 261	8.4	5
161	VRC34-Antibody Lineage Development Reveals How a Required Rare Mutation Shapes the Maturation of a Broad HIV-Neutralizing Lineage. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 531-543.e6	23.4	8
160	Impact of Antiretroviral Therapy Duration on HIV-1 Infection of T Cells within Anatomic Sites. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	12
159	Epigenetic silencing of CD4 expression in nonpathogenic SIV infection in African green monkeys. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	2
158	SIV-specific CD8+ T cells are clonotypically distinct across lymphoid and mucosal tissues. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 789-798	15.9	6

157	Antibody reactivity to SARS-CoV-2 is common in unexposed adults and infants under 6 months <b>2020</b> ,		1
156	High levels of genetically intact HIV in HLA-DR+ memory T cells indicates their value for reservoir studies. <i>Aids</i> , <b>2020</b> , 34, 659-668	3.5	16
155	Fc-mediated effector function contributes to the in vivo antiviral effect of an HIV neutralizing antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 18754-18763	11.5	28
154	Protective HLA alleles are associated with reduced LPS levels in acute HIV infection with implications for immune activation and pathogenesis. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007981	7.6	4
153	T-cell receptor sequencing demonstrates persistence of virus-specific T cells after antiviral immunotherapy. <i>British Journal of Haematology</i> , <b>2019</b> , 187, 206-218	4.5	12
152	The peripheral differentiation of human natural killer T cells. <i>Immunology and Cell Biology</i> , <b>2019</b> , 97, 586-596		8
151	Altered differentiation is central to HIV-specific CD4 T cell dysfunction in progressive disease. <i>Nature Immunology</i> , <b>2019</b> , 20, 1059-1070	19.1	45
150	Memory CD4 + T-Cells Expressing HLA-DR Contribute to HIV Persistence During Prolonged Antiretroviral Therapy. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2214	5.7	21
149	Single-cell RNA sequencing identifies inflammatory tissue T cells in eosinophilic esophagitis. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 2014-2028	15.9	57
148	Manipulating the Interferon Signaling Pathway: Implications for HIV Infection. <i>Virologica Sinica</i> , <b>2019</b> , 34, 192-196	6.4	8
147	Elite control of HIV is associated with distinct functional and transcriptional signatures in lymphoid tissue CD8 T cells. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	37
146	Principles Governing Establishment versus Collapse of HIV-1 Cellular Spread. <i>Cell Host and Microbe</i> , <b>2019</b> , 26, 748-763.e20	23.4	17
145	Impact of Integrase Inhibition Compared With Nonnucleoside Inhibition on HIV Reservoirs in Lymphoid Tissues. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2019</b> , 81, 355-360	3.1	10
144	A high throughput lentivirus sieving assay identifies neutralization resistant Envelope sequences and predicts in vivo sieving. <i>Journal of Immunological Methods</i> , <b>2019</b> , 464, 64-73	2.5	1
143	Cycling CD4+ T cells in HIV-infected immune nonresponders have mitochondrial dysfunction. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5083-5094	15.9	35
142	Accumulation of follicular CD8+ T cells in pathogenic SIV infection. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 2089-2103	15.9	31
141	Lymphoid tissue fibrosis is associated with impaired vaccine responses. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 2763-2773	15.9	33
140	Conflicting evidence for HIV enrichment in CD32 CD4 T cells. <i>Nature</i> , <b>2018</b> , 561, E9-E16	50.4	27

139	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. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007246	7.6	19
138	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. <i>Cancer Immunology, Immunotherapy</i> , <b>2018</b> , 67, 1767-1776	7.4	35
137	Identification and characterization of HIV-specific resident memory CD8 T cells in human lymphoid tissue. <i>Science Immunology</i> , <b>2018</b> , 3,	28	82
136	Follicular CD8 T cells accumulate in HIV infection and can kill infected cells in vitro via bispecific antibodies. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	106
135	Perspectives on Human Immunodeficiency Virus (HIV) Cure: HIV Persistence in Tissue. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, S128-S133	7	13
134	Identification of Genetically Intact HIV-1 Proviruses in Specific CD4 T Cells from Effectively Treated Participants. <i>Cell Reports</i> , <b>2017</b> , 21, 813-822	10.6	187
133	Targeted reconstruction of T cell receptor sequence from single cell RNA-seq links CDR3 length to T cell differentiation state. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, e148	20.1	61
132	Stochastic principles governing alternative splicing of RNA. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005361	13	
131	T-cell responses to KSHV infection: a systematic approach. <i>Oncotarget</i> , <b>2017</b> , 8, 109402-109416	3.3	19
130	Persistent, Albeit Reduced, Chronic Inflammation in Persons Starting Antiretroviral Therapy in Acute HIV Infection. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, 124-131	11.6	140
129	Multiple Origins of Virus Persistence during Natural Control of HIV Infection. <i>Cell</i> , <b>2016</b> , 166, 1004-1015	56.2	121
128	Tumor- and Neoantigen-Reactive T-cell Receptors Can Be Identified Based on Their Frequency in Fresh Tumor. <i>Cancer Immunology Research</i> , <b>2016</b> , 4, 734-43	12.5	124
127	Fine-tuning of CD8(+) T-cell effector functions by targeting the 2B4-CD48 interaction. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 583-92	5	4
126	System-wide Analysis of the T Cell Response. <i>Cell Reports</i> , <b>2016</b> , 14, 2733-44	10.6	32
125	Interferons and HIV Infection: The Good, the Bad, and the Ugly. <i>Pathogens and Immunity</i> , <b>2016</b> , 1, 107-116	4.9	49
124	MRSA Infections in HIV-Infected People Are Associated with Decreased MRSA-Specific Th1 Immunity. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005580	7.6	16
123	Gut barrier structure, mucosal immunity and intestinal microbiota in the pathogenesis and treatment of HIV infection. <i>AIDS Research and Therapy</i> , <b>2016</b> , 13, 19	3	77
122	Intrathecal T-cell clonal expansions in patients with multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , <b>2016</b> , 3, 422-33	5.3	22

121	Longitudinal Genetic Characterization Reveals That Cell Proliferation Maintains a Persistent HIV Type 1 DNA Pool During Effective HIV Therapy. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 596-607	7	107
120	Quality and quantity of TFH cells are critical for broad antibody development in SHIVAD8 infection. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 298ra120	17.5	89
119	CMV-specific T cells generated from naïve T cells recognize atypical epitopes and may be protective in vivo. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 285ra63	17.5	78
118	Analysis of immunoglobulin transcripts and hypermutation following SHIV(AD8) infection and protein-plus-adjuvant immunization. <i>Nature Communications</i> , <b>2015</b> , 6, 6565	17.4	59
117	The Interplay Between Host Genetic Variation, Viral Replication, and Microbial Translocation in Untreated HIV-Infected Individuals. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 578-84	7	17
116	Replicative fitness of transmitted HIV-1 drives acute immune activation, proviral load in memory CD4+ T cells, and disease progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E1480-9	11.5	63
115	Large number of rebounding/founder HIV variants emerge from multifocal infection in lymphatic tissues after treatment interruption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E1126-34	11.5	189
114	Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 319ra206	17.5	308
113	Human syndromes of immunodeficiency and dysregulation are characterized by distinct defects in T-cell receptor repertoire development. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 1109-15	11.5	50
112	Epitope specificity delimits the functional capabilities of vaccine-induced CD8 T cell populations. <i>Journal of Immunology</i> , <b>2014</b> , 193, 5626-36	5.3	7
111	Type I interferon responses in rhesus macaques prevent SIV infection and slow disease progression. <i>Nature</i> , <b>2014</b> , 511, 601-5	50.4	324
110	Somatic reversion in dedicator of cytokinesis 8 immunodeficiency modulates disease phenotype. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 1667-75	11.5	62
109	PD-1 identifies the patient-specific CD8+ tumor-reactive repertoire infiltrating human tumors. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 2246-59	15.9	664
108	Persistent HIV-1 replication is associated with lower antiretroviral drug concentrations in lymphatic tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 2307-12	11.5	458
107	Initiation of ART during early acute HIV infection preserves mucosal Th17 function and reverses HIV-related immune activation. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004543	7.6	171
106	Loss of circulating CD4 T cells with B cell helper function during chronic HIV infection. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003853	7.6	133
105	Pathogenic features associated with increased virulence upon Simian immunodeficiency virus cross-species transmission from natural hosts. <i>Journal of Virology</i> , <b>2014</b> , 88, 6778-92	6.6	25
104	JC virus in CD34+ and CD19+ cells in patients with multiple sclerosis treated with natalizumab. <i>JAMA Neurology</i> , <b>2014</b> , 71, 596-602	17.2	54

103	Immune activation and HIV persistence: implications for curative approaches to HIV infection. <i>Immunological Reviews</i> , <b>2013</b> , 254, 326-42	11.3	251
102	Suppressed Th17 levels correlate with elevated PIAS3, SHP2, and SOCS3 expression in CD4 T cells during acute simian immunodeficiency virus infection. <i>Journal of Virology</i> , <b>2013</b> , 87, 7093-101	6.6	28
101	HLA B*5701-positive long-term nonprogressors/elite controllers are not distinguished from progressors by the clonal composition of HIV-specific CD8+ T cells. <i>Journal of Virology</i> , <b>2012</b> , 86, 4014-8	6.6	22
100	TCR clonotypes modulate the protective effect of HLA class I molecules in HIV-1 infection. <i>Nature Immunology</i> , <b>2012</b> , 13, 691-700	19.1	180
99	Changes in JC virus-specific T cell responses during natalizumab treatment and in natalizumab-associated progressive multifocal leukoencephalopathy. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1003014	7.6	37
98	Virus inhibition activity of effector memory CD8(+) T cells determines simian immunodeficiency virus load in vaccinated monkeys after vaccine breakthrough infection. <i>Journal of Virology</i> , <b>2012</b> , 86, 5877-84	6.6	33
97	Clonotype and repertoire changes drive the functional improvement of HIV-specific CD8 T cell populations under conditions of limited antigenic stimulation. <i>Journal of Immunology</i> , <b>2012</b> , 188, 1156-67	5.3	33
96	Recombinatorial biases and convergent recombination determine interindividual TCR sharing in murine thymocytes. <i>Journal of Immunology</i> , <b>2012</b> , 189, 2404-13	5.3	35
95	CD4 T follicular helper cell dynamics during SIV infection. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 3281-94	15.9	256
94	Unbiased molecular analysis of T cell receptor expression using template-switch anchored RT-PCR. <i>Current Protocols in Immunology</i> , <b>2011</b> , Chapter 10, Unit10.33	4	64
93	Evolution of the donor T-cell repertoire in recipients in the second decade after allogeneic stem cell transplantation. <i>Blood</i> , <b>2011</b> , 117, 5250-6	2.2	12
92	Alloreactivity across HLA barriers is mediated by both naïve and antigen-experienced T cells. <i>Biology of Blood and Marrow Transplantation</i> , <b>2011</b> , 17, 800-9	4.7	22
91	Escape from highly effective public CD8+ T-cell clonotypes by HIV. <i>Blood</i> , <b>2011</b> , 118, 2138-49	2.2	90
90	Vaccines. <i>Immunological Reviews</i> , <b>2011</b> , 239, 5-7	11.3	4
89	Bias in the T-cell repertoire: implications for disease pathogenesis and vaccination. <i>Immunology and Cell Biology</i> , <b>2011</b> , 89, 375-87	5	161
88	Isolation of viable antigen-specific CD8+ T cells based on membrane-bound tumor necrosis factor (TNF)- $\beta$ expression. <i>Journal of Immunological Methods</i> , <b>2011</b> , 369, 33-41	2.5	18
87	A Phase I study evaluating the safety and immunogenicity of MVA85A, a candidate TB vaccine, in HIV-infected adults. <i>BMJ Open</i> , <b>2011</b> , 1, e000223	3	40
86	High-functional-avidity cytotoxic T lymphocyte responses to HLA-B-restricted Gag-derived epitopes associated with relative HIV control. <i>Journal of Virology</i> , <b>2011</b> , 85, 9334-45	6.6	99

85	Plasma levels of soluble CD14 independently predict mortality in HIV infection. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 203, 780-90	7	801
84	A mechanism for TCR sharing between T cell subsets and individuals revealed by pyrosequencing. <i>Journal of Immunology</i> , <b>2011</b> , 186, 4285-94	5.3	153
83	Simian immunodeficiency virus SIVmac239Deltanef vaccination elicits different Tat28-35SL8-specific CD8+ T-cell clonotypes compared to a DNA prime/adenovirus type 5 boost regimen in rhesus macaques. <i>Journal of Virology</i> , <b>2011</b> , 85, 3683-9	6.6	10
82	Persistent survival of prevalent clonotypes within an immunodominant HIV gag-specific CD8+ T cell response. <i>Journal of Immunology</i> , <b>2011</b> , 186, 359-71	5.3	34
81	Reconstitution of CD4 T cells in bronchoalveolar lavage fluid after initiation of highly active antiretroviral therapy. <i>Journal of Virology</i> , <b>2010</b> , 84, 9010-8	6.6	25
80	Novel recombinant Mycobacterium bovis BCG, 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. <i>Journal of Virology</i> , <b>2010</b> , 84, 5898-908	6.6	18
79	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. <i>Journal of Virology</i> , <b>2010</b> , 84, 7886-91	6.6	169
78	Convergent recombination shapes the clonotypic landscape of the naive T-cell repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 19414-9	11.5	93
77	Hypomorphic Rag mutations can cause destructive midline granulomatous disease. <i>Blood</i> , <b>2010</b> , 116, 1263-71	2.2	96
76	Generation of robust CD8+ T-cell responses against subdominant epitopes in conserved regions of HIV-1 by repertoire mining with mimotopes. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 1950-62	6.1	12
75	Long peptides induce polyfunctional T cells against conserved regions of HIV-1 with superior breadth to single-gene vaccines in macaques. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 1973-84	6.1	62
74	Evolution of the Donor T Cell Repertoire In Allogeneic Stem Cell Transplant Recipients In the Second Decade After Transplantation. <i>Blood</i> , <b>2010</b> , 116, 831-831	2.2	
73	Public clonotype usage identifies protective Gag-specific CD8+ T cell responses in SIV infection. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 923-36	16.6	117
72	Plasma levels of bacterial DNA correlate with immune activation and the magnitude of immune restoration in persons with antiretroviral-treated HIV infection. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 1177-85	7	465
71	Different vaccine vectors delivering the same antigen elicit CD8+ T cell responses with distinct clonotype and epitope specificity. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2425-34	5.3	24
70	Autocrine production of beta-chemokines protects CMV-Specific CD4 T cells from HIV infection. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000646	7.6	64
69	Lack of in vivo compartmentalization among HIV-1 infected naive and memory CD4+ T cell subsets. <i>Virology</i> , <b>2009</b> , 393, 24-32	3.6	25
68	HIV reservoir size and persistence are driven by T cell survival and homeostatic proliferation. <i>Nature Medicine</i> , <b>2009</b> , 15, 893-900	50.5	1219



67	Emerging concepts in the immunopathogenesis of AIDS. <i>Annual Review of Medicine</i> , <b>2009</b> , 60, 471-84	17.4	404
66	Minor viral and host genetic polymorphisms can dramatically impact the biologic outcome of an epitope-specific CD8 T-cell response. <i>Blood</i> , <b>2009</b> , 114, 1553-62	2.2	22
65	Antigen sensitivity is a major determinant of CD8+ T-cell polyfunctionality and HIV-suppressive activity. <i>Blood</i> , <b>2009</b> , 113, 6351-60	2.2	172
64	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. <i>Blood</i> , <b>2009</b> , 114, 5071-80	2.2	72
63	CD8+ T cell efficacy in vaccination and disease. <i>Nature Medicine</i> , <b>2008</b> , 14, 623-8	50.5	298
62	The molecular basis for public T-cell responses?. <i>Nature Reviews Immunology</i> , <b>2008</b> , 8, 231-8	36.5	246
61	Detection of low avidity CD8(+) T cell populations with coreceptor-enhanced peptide-major histocompatibility complex class I tetramers. <i>Journal of Immunological Methods</i> , <b>2008</b> , 338, 31-9	2.5	30
60	Relationship between T cell activation and CD4+ T cell count in HIV-seropositive individuals with undetectable plasma HIV RNA levels in the absence of therapy. <i>Journal of Infectious Diseases</i> , <b>2008</b> , 197, 126-33	7	501
59	Limited maintenance of vaccine-induced simian immunodeficiency virus-specific CD8 T-cell receptor clonotypes after virus challenge. <i>Journal of Virology</i> , <b>2008</b> , 82, 7357-68	6.6	13
58	Induction and evolution of cytomegalovirus-specific CD4+ T cell clonotypes in rhesus macaques. <i>Journal of Immunology</i> , <b>2008</b> , 180, 269-80	5.3	29
57	CD127 and CD25 expression defines CD4+ T cell subsets that are differentially depleted during HIV infection. <i>Journal of Immunology</i> , <b>2008</b> , 180, 5582-92	5.3	92
56	Differential Th17 CD4 T-cell depletion in pathogenic and nonpathogenic lentiviral infections. <i>Blood</i> , <b>2008</b> , 112, 2826-35	2.2	496
55	Preferential Loss of Th17 T-cells at Mucosal Sites Predicts AIDS Progression in Simian Immunodeficiency Virus-Infected Macaques. <i>FASEB Journal</i> , <b>2008</b> , 22, 852.7	0.9	3
54	Long-Term T Cell Immune Reconstitution in Patients Surviving 10 or More Years after Allogeneic Stem Cell Transplantation for Hematologic Malignancies. <i>Blood</i> , <b>2008</b> , 112, 1173-1173	2.2	
53	Immunisation with BCG and recombinant MVA85A induces long-lasting, polyfunctional Mycobacterium tuberculosis-specific CD4+ memory T lymphocyte populations. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 3089-100	6.1	190
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3	Targeted reconstruction of T cell receptor sequence from single cell RNA-sequencing links CDR3 length to T cell differentiation state		5
2	The identity of human tissue-emigrant CD8+ T cells		4
1	Durability of immune responses to the BNT162b2 mRNA vaccine		4