

Daniel C Douek

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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	Changes in thymic function with age and during the treatment of HIV infection. <i>Nature</i> , 1998 , 396, 690-5	50.4	1587
191	CD4+ T cell depletion during all stages of HIV disease occurs predominantly in the gastrointestinal tract. <i>Journal of Experimental Medicine</i> , 2004 , 200, 749-59	16.6	1393
190	Sensitive and viable identification of antigen-specific CD8+ T cells by a flow cytometric assay for degranulation. <i>Journal of Immunological Methods</i> , 2003 , 281, 65-78	2.5	1278
189	HIV reservoir size and persistence are driven by T cell survival and homeostatic proliferation. <i>Nature Medicine</i> , 2009 , 15, 893-900	50.5	1219
188	Massive infection and loss of memory CD4+ T cells in multiple tissues during acute SIV infection. <i>Nature</i> , 2005 , 434, 1093-7	50.4	1048
187	HIV preferentially infects HIV-specific CD4+ T cells. <i>Nature</i> , 2002 , 417, 95-8	50.4	998
186	Plasma levels of soluble CD14 independently predict mortality in HIV infection. <i>Journal of Infectious Diseases</i> , 2011 , 203, 780-90	7	801
185	PD-1 identifies the patient-specific CD8+ tumor-reactive repertoire infiltrating human tumors. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2246-59	15.9	664
184	Analysis of total human immunodeficiency virus (HIV)-specific CD4(+) and CD8(+) T-cell responses: relationship to viral load in untreated HIV infection. <i>Journal of Virology</i> , 2001 , 75, 11983-91	6.6	616
183	Superior control of HIV-1 replication by CD8+ T cells is reflected by their avidity, polyfunctionality, and clonal turnover. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2473-85	16.6	560
182	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> , 2008 , 197, 126-33	7	501
181	Assessment of thymic output in adults after haematopoietic stem-cell transplantation and prediction of T-cell reconstitution. <i>Lancet, The</i> , 2000 , 355, 1875-81	40	498
180	Differential Th17 CD4 T-cell depletion in pathogenic and nonpathogenic lentiviral infections. <i>Blood</i> , 2008 , 112, 2826-35	2.2	496
179	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> , 2009 , 199, 1177-85	7	465
178	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> , 2014 , 111, 2307-12	11.5	458
177	HIV disease: fallout from a mucosal catastrophe?. <i>Nature Immunology</i> , 2006 , 7, 235-9	19.1	455
176	T cell dynamics in HIV-1 infection. <i>Annual Review of Immunology</i> , 2003 , 21, 265-304	34.7	439

175	Emerging concepts in the immunopathogenesis of AIDS. <i>Annual Review of Medicine</i> , 2009 , 60, 471-84	17.4	404
174	Immunization with vaccinia virus induces polyfunctional and phenotypically distinctive CD8(+) T cell responses. <i>Journal of Experimental Medicine</i> , 2007 , 204, 1405-16	16.6	374
173	Type I interferon responses in rhesus macaques prevent SIV infection and slow disease progression. <i>Nature</i> , 2014 , 511, 601-5	50.4	324
172	Avidity for antigen shapes clonal dominance in CD8+ T cell populations specific for persistent DNA viruses. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1349-61	16.6	315
171	Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. <i>Science Translational Medicine</i> , 2015 , 7, 319ra206	17.5	308
170	T-cell subsets that harbor human immunodeficiency virus (HIV) in vivo: implications for HIV pathogenesis. <i>Journal of Virology</i> , 2004 , 78, 1160-8	6.6	305
169	CD8+ T cell efficacy in vaccination and disease. <i>Nature Medicine</i> , 2008 , 14, 623-8	50.5	298
168	Acquisition of direct antiviral effector functions by CMV-specific CD4+ T lymphocytes with cellular maturation. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2865-77	16.6	264
167	CD4 T follicular helper cell dynamics during SIV infection. <i>Journal of Clinical Investigation</i> , 2012 , 122, 3281-94	15.9	256
166	Immune activation and HIV persistence: implications for curative approaches to HIV infection. <i>Immunological Reviews</i> , 2013 , 254, 326-42	11.3	251
165	The molecular basis for public T-cell responses?. <i>Nature Reviews Immunology</i> , 2008 , 8, 231-8	36.5	246
164	T cell receptor recognition motifs govern immune escape patterns in acute SIV infection. <i>Immunity</i> , 2004 , 21, 793-803	32.3	245
163	Progressive CD4+ central memory T cell decline results in CD4+ effector memory insufficiency and overt disease in chronic SIV infection. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2171-85	16.6	235
162	Distinct lineages of T(H)1 cells have differential capacities for memory cell generation in vivo. <i>Nature Immunology</i> , 2002 , 3, 852-8	19.1	234
161	Evidence for increased T cell turnover and decreased thymic output in HIV infection. <i>Journal of Immunology</i> , 2001 , 167, 6663-8	5.3	213
160	High prevalence of autoreactive, neuroantigen-specific CD8+ T cells in multiple sclerosis revealed by novel flow cytometric assay. <i>Blood</i> , 2004 , 103, 4222-31	2.2	202
159	Immunisation with BCG and recombinant MVA85A induces long-lasting, polyfunctional Mycobacterium tuberculosis-specific CD4+ memory T lymphocyte populations. <i>European Journal of Immunology</i> , 2007 , 37, 3089-100	6.1	190
158	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> , 2015 , 112, E1126-34	11.5	189

157	Identification of Genetically Intact HIV-1 Proviruses in Specific CD4 T Cells from Effectively Treated Participants. <i>Cell Reports</i> , 2017 , 21, 813-822	10.6	187
156	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. <i>Journal of Immunology</i> , 2002 , 168, 3099-104	5.3	185
155	TCR clonotypes modulate the protective effect of HLA class I molecules in HIV-1 infection. <i>Nature Immunology</i> , 2012 , 13, 691-700	19.1	180
154	Antigen sensitivity is a major determinant of CD8+ T-cell polyfunctionality and HIV-suppressive activity. <i>Blood</i> , 2009 , 113, 6351-60	2.2	172
153	Initiation of ART during early acute HIV infection preserves mucosal Th17 function and reverses HIV-related immune activation. <i>PLoS Pathogens</i> , 2014 , 10, e1004543	7.6	171
152	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> , 2010 , 84, 7886-91	6.6	169
151	Bias in the T-cell repertoire: implications for disease pathogenesis and vaccination. <i>Immunology and Cell Biology</i> , 2011 , 89, 375-87	5	161
150	Vaccination preserves CD4 memory T cells during acute simian immunodeficiency virus challenge. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1533-41	16.6	160
149	A mechanism for TCR sharing between T cell subsets and individuals revealed by pyrosequencing. <i>Journal of Immunology</i> , 2011 , 186, 4285-94	5.3	153
148	Persistent, Albeit Reduced, Chronic Inflammation in Persons Starting Antiretroviral Therapy in Acute HIV Infection. <i>Clinical Infectious Diseases</i> , 2017 , 64, 124-131	11.6	140
147	T cell cross-reactivity and conformational changes during TCR engagement. <i>Journal of Experimental Medicine</i> , 2004 , 200, 1455-66	16.6	137
146	Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants. <i>New England Journal of Medicine</i> , 2021 , 385, 664-666	59.2	137
145	Loss of circulating CD4 T cells with B cell helper function during chronic HIV infection. <i>PLoS Pathogens</i> , 2014 , 10, e1003853	7.6	133
144	Where does HIV live?. <i>New England Journal of Medicine</i> , 2004 , 350, 1872-80	59.2	125
143	Tumor- and Neoantigen-Reactive T-cell Receptors Can Be Identified Based on Their Frequency in Fresh Tumor. <i>Cancer Immunology Research</i> , 2016 , 4, 734-43	12.5	124
142	Sharing of T cell receptors in antigen-specific responses is driven by convergent recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18691-6	11.5	122
141	Multiple Origins of Virus Persistence during Natural Control of HIV Infection. <i>Cell</i> , 2016 , 166, 1004-1015	56.2	121
140	Characterization of functional and phenotypic changes in anti-Gag vaccine-induced T cell responses and their role in protection after HIV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 4512-7	11.5	119

139	Public clonotype usage identifies protective Gag-specific CD8+ T cell responses in SIV infection. <i>Journal of Experimental Medicine</i> , 2009 , 206, 923-36	16.6	117
138	Lymphatic tissue fibrosis is associated with reduced numbers of naive CD4+ T cells in human immunodeficiency virus type 1 infection. <i>Vaccine Journal</i> , 2006 , 13, 556-60		116
137	The functional profile of primary human antiviral CD8+ T cell effector activity is dictated by cognate peptide concentration. <i>Journal of Immunology</i> , 2004 , 172, 6407-17	5.3	116
136	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> , 2015 , 212, 596-607	7	107
135	Follicular CD8 T cells accumulate in HIV infection and can kill infected cells in vitro via bispecific antibodies. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	106
134	High-functional-avidity cytotoxic T lymphocyte responses to HLA-B-restricted Gag-derived epitopes associated with relative HIV control. <i>Journal of Virology</i> , 2011 , 85, 9334-45	6.6	99
133	Hypomorphic Rag mutations can cause destructive midline granulomatous disease. <i>Blood</i> , 2010 , 116, 1263-71	2.2	96
132	T-cell responses directed against multiple HLA-A*0201-restricted epitopes derived from WilmsQ tumor 1 protein in patients with leukemia and healthy donors: identification, quantification, and characterization. <i>Clinical Cancer Research</i> , 2005 , 11, 8799-807	12.9	96
131	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> , 2010 , 107, 19414-9	11.5	93
130	CD127 and CD25 expression defines CD4+ T cell subsets that are differentially depleted during HIV infection. <i>Journal of Immunology</i> , 2008 , 180, 5582-92	5.3	92
129	Disrupting T-cell homeostasis: how HIV-1 infection causes disease. <i>AIDS Reviews</i> , 2003 , 5, 172-7	1.5	91
128	Escape from highly effective public CD8+ T-cell clonotypes by HIV. <i>Blood</i> , 2011 , 118, 2138-49	2.2	90
127	Quality and quantity of TFH cells are critical for broad antibody development in SHIVAD8 infection. <i>Science Translational Medicine</i> , 2015 , 7, 298ra120	17.5	89
126	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters.. <i>Nature</i> , 2022 ,	50.4	89
125	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. <i>Science</i> , 2021 , 373, eabj0299	33.3	86
124	Neutralizing antibody vaccine for pandemic and pre-emergent coronaviruses. <i>Nature</i> , 2021 , 594, 553-559	50.4	85
123	Identification and characterization of HIV-specific resident memory CD8 T cells in human lymphoid tissue. <i>Science Immunology</i> , 2018 , 3,	28	82
122	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , 2021 , 373,	33.3	80

121	CMV-specific T cells generated from naïve T cells recognize atypical epitopes and may be protective in vivo. <i>Science Translational Medicine</i> , 2015 , 7, 285ra63	17.5	78
120	Gut barrier structure, mucosal immunity and intestinal microbiota in the pathogenesis and treatment of HIV infection. <i>AIDS Research and Therapy</i> , 2016 , 13, 19	3	77
119	Maintenance of HIV-specific CD4+ T cell help distinguishes HIV-2 from HIV-1 infection. <i>Journal of Immunology</i> , 2006 , 176, 6973-81	5.3	74
118	Differential selection pressure exerted on HIV by CTL targeting identical epitopes but restricted by distinct HLA alleles from the same HLA supertype. <i>Journal of Immunology</i> , 2006 , 177, 4699-708	5.3	73
117	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> , 2009 , 114, 5071-80	2.2	72
116	Characterization of subsets of CD4+ memory T cells reveals early branched pathways of T cell differentiation in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7916-21	11.5	69
115	Identification and monitoring of graft-versus-host specific T-cell clone in stem cell transplantation. <i>Lancet, The</i> , 2003 , 361, 1183-5	4.0	66
114	Unbiased molecular analysis of T cell receptor expression using template-switch anchored RT-PCR. <i>Current Protocols in Immunology</i> , 2011 , Chapter 10, Unit10.33	4	64
113	Autocrine production of beta-chemokines protects CMV-Specific CD4 T cells from HIV infection. <i>PLoS Pathogens</i> , 2009 , 5, e1000646	7.6	64
112	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> , 2015 , 112, E1480-9	11.5	63
111	Somatic reversion in dedicator of cytokinesis 8 immunodeficiency modulates disease phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1667-75	11.5	62
110	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> , 2010 , 40, 1973-84	6.1	62
109	Preferential infection shortens the life span of human immunodeficiency virus-specific CD4+ T cells in vivo. <i>Journal of Virology</i> , 2006 , 80, 6801-9	6.6	62
108	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> , 2017 , 45, e148	20.1	61
107	Direct ex vivo analysis of human CD4(+) memory T cell activation requirements at the single clonotype level. <i>Journal of Immunology</i> , 2002 , 169, 1207-18	5.3	61
106	Analysis of immunoglobulin transcripts and hypermutation following SHIV(AD8) infection and protein-plus-adjuvant immunization. <i>Nature Communications</i> , 2015 , 6, 6565	17.4	59
105	Single-cell RNA sequencing identifies inflammatory tissue T cells in eosinophilic esophagitis. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2014-2028	15.9	57
104	Human immunodeficiency virus type 1 protease cleaves procaspase 8 in vivo. <i>Journal of Virology</i> , 2007 , 81, 6947-56	6.6	56

103	HIV-infected Langerhans cells preferentially transmit virus to proliferating autologous CD4+ memory T cells located within Langerhans cell-T cell clusters. <i>Journal of Immunology</i> , 2004 , 172, 2219-2453	5.3	55
102	JC virus in CD34+ and CD19+ cells in patients with multiple sclerosis treated with natalizumab. <i>JAMA Neurology</i> , 2014 , 71, 596-602	17.2	54
101	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> , 2014 , 133, 1109-15	11.5	50
100	Interferons and HIV Infection: The Good, the Bad, and the Ugly. <i>Pathogens and Immunity</i> , 2016 , 1, 107-116	6.9	49
99	Altered differentiation is central to HIV-specific CD4 T cell dysfunction in progressive disease. <i>Nature Immunology</i> , 2019 , 20, 1059-1070	19.1	45
98	A Phase I study evaluating the safety and immunogenicity of MVA85A, a candidate TB vaccine, in HIV-infected adults. <i>BMJ Open</i> , 2011 , 1, e000223	3	40
97	Changes in JC virus-specific T cell responses during natalizumab treatment and in natalizumab-associated progressive multifocal leukoencephalopathy. <i>PLoS Pathogens</i> , 2012 , 8, e1003014	7.6	37
96	Elite control of HIV is associated with distinct functional and transcriptional signatures in lymphoid tissue CD8 T cells. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	37
95	Recombinatorial biases and convergent recombination determine interindividual TCR sharing in murine thymocytes. <i>Journal of Immunology</i> , 2012 , 189, 2404-13	5.3	35
94	Cycling CD4+ T cells in HIV-infected immune nonresponders have mitochondrial dysfunction. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5083-5094	15.9	35
93	Benchmarking of T cell receptor repertoire profiling methods reveals large systematic biases. <i>Nature Biotechnology</i> , 2021 , 39, 236-245	44.5	35
92	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> , 2018 , 67, 1767-1776	7.4	35
91	Persistent survival of prevalent clonotypes within an immunodominant HIV gag-specific CD8+ T cell response. <i>Journal of Immunology</i> , 2011 , 186, 359-71	5.3	34
90	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> , 2012 , 86, 5877-84	6.6	33
89	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> , 2012 , 188, 1156-67	5.3	33
88	Lymphoid tissue fibrosis is associated with impaired vaccine responses. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2763-2773	15.9	33
87	Single-cell transcriptional landscapes reveal HIV-1-driven aberrant host gene transcription as a potential therapeutic target. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	32
86	System-wide Analysis of the T Cell Response. <i>Cell Reports</i> , 2016 , 14, 2733-44	10.6	32

85	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine-boosted nonhuman primates. <i>Science</i> , 2021 , 374, 1343-1353	33.3	32
84	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. <i>Nature Immunology</i> , 2021 , 22, 1306-1315	19.1	32
83	Accumulation of follicular CD8+ T cells in pathogenic SIV infection. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2089-2103	15.9	31
82	Detection of low avidity CD8(+) T cell populations with coreceptor-enhanced peptide-major histocompatibility complex class I tetramers. <i>Journal of Immunological Methods</i> , 2008 , 338, 31-9	2.5	30
81	Induction and evolution of cytomegalovirus-specific CD4+ T cell clonotypes in rhesus macaques. <i>Journal of Immunology</i> , 2008 , 180, 269-80	5.3	29
80	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> , 2013 , 87, 7093-101	6.6	28
79	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> , 2020 , 117, 18754-18763	11.5	28
78	mRNA-1273 and BNT162b2 mRNA vaccines have reduced neutralizing activity against the SARS-CoV-2 omicron variant.. <i>Cell Reports Medicine</i> , 2022 , 3, 100529	18	27
77	Conflicting evidence for HIV enrichment in CD32 CD4 T cells. <i>Nature</i> , 2018 , 561, E9-E16	50.4	27
76	The Identity of Human Tissue-Emigrant CD8 T Cells. <i>Cell</i> , 2020 , 183, 1946-1961.e15	56.2	25
75	Pathogenic features associated with increased virulence upon Simian immunodeficiency virus cross-species transmission from natural hosts. <i>Journal of Virology</i> , 2014 , 88, 6778-92	6.6	25
74	Reconstitution of CD4 T cells in bronchoalveolar lavage fluid after initiation of highly active antiretroviral therapy. <i>Journal of Virology</i> , 2010 , 84, 9010-8	6.6	25
73	Lack of in vivo compartmentalization among HIV-1 infected naïve and memory CD4+ T cell subsets. <i>Virology</i> , 2009 , 393, 24-32	3.6	25
72	Systemic vaccination prevents the total destruction of mucosal CD4 T cells during acute SIV challenge. <i>Journal of Medical Primatology</i> , 2006 , 35, 217-24	0.7	25
71	Different vaccine vectors delivering the same antigen elicit CD8+ T cell responses with distinct clonotype and epitope specificity. <i>Journal of Immunology</i> , 2009 , 183, 2425-34	5.3	24
70	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> , 2021 ,	56.2	24
69	Degeneracy and repertoire of the human HIV-1 Gag p17(77-85) CTL response. <i>Journal of Immunology</i> , 2006 , 176, 6690-701	5.3	23
68	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> , 2012 , 86, 4014-8	6.6	22

67	Alloreactivity across HLA barriers is mediated by both naïve and antigen-experienced T cells. <i>Biology of Blood and Marrow Transplantation</i> , 2011 , 17, 800-9	4.7	22
66	Minor viral and host genetic polymorphisms can dramatically impact the biologic outcome of an epitope-specific CD8 T-cell response. <i>Blood</i> , 2009 , 114, 1553-62	2.2	22
65	Availability of a diversely avid CD8+ T cell repertoire specific for the subdominant HLA-A2-restricted HIV-1 Gag p2419-27 epitope. <i>Journal of Immunology</i> , 2007 , 178, 7756-66	5.3	22
64	Intrathecal T-cell clonal expansions in patients with multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2016 , 3, 422-33	5.3	22
63	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron.. <i>Cell</i> , 2022 ,	56.2	22
62	Memory CD4 + T-Cells Expressing HLA-DR Contribute to HIV Persistence During Prolonged Antiretroviral Therapy. <i>Frontiers in Microbiology</i> , 2019 , 10, 2214	5.7	21
61	The clonal composition of human CD4+CD25+Foxp3+ cells determined by a comprehensive DNA-based multiplex PCR for TCRB gene rearrangements. <i>Journal of Immunological Methods</i> , 2007 , 321, 107-20	2.5	21
60	Unusual immunophenotype of CD8+ T cells in familial hemophagocytic lymphohistiocytosis. <i>Blood</i> , 2004 , 104, 2007-9	2.2	21
59	T-cell responses to KSHV infection: a systematic approach. <i>Oncotarget</i> , 2017 , 8, 109402-109416	3.3	19
58	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> , 2018 , 14, e1007246	7.6	19
57	Isolation of viable antigen-specific CD8+ T cells based on membrane-bound tumor necrosis factor (TNF)- β expression. <i>Journal of Immunological Methods</i> , 2011 , 369, 33-41	2.5	18
56	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> , 2010 , 84, 5898-908	6.6	18
55	The Interplay Between Host Genetic Variation, Viral Replication, and Microbial Translocation in Untreated HIV-Infected Individuals. <i>Journal of Infectious Diseases</i> , 2015 , 212, 578-84	7	17
54	mRNA-1273 and BNT162b2 mRNA vaccines have reduced neutralizing activity against the SARS-CoV-2 Omicron variant. 2021 ,		17
53	The SARS-CoV-2 B.1.1.529 Omicron virus causes attenuated infection and disease in mice and hamsters. 2021 ,		17
52	Principles Governing Establishment versus Collapse of HIV-1 Cellular Spread. <i>Cell Host and Microbe</i> , 2019 , 26, 748-763.e20	23.4	17
51	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> , 2021 , 13,	17.5	17
50	High levels of genetically intact HIV in HLA-DR+ memory T cells indicates their value for reservoir studies. <i>Aids</i> , 2020 , 34, 659-668	3.5	16

49	MRSA Infections in HIV-Infected People Are Associated with Decreased MRSA-Specific Th1 Immunity. <i>PLoS Pathogens</i> , 2016 , 12, e1005580	7.6	16
48	TCF-1 regulates HIV-specific CD8+ T cell expansion capacity. <i>JCI Insight</i> , 2021 , 6,	9.9	16
47	Perspectives on Human Immunodeficiency Virus (HIV) Cure: HIV Persistence in Tissue. <i>Journal of Infectious Diseases</i> , 2017 , 215, S128-S133	7	13
46	Stochastic Expansions Maintain the Clonal Stability of CD8 T Cell Populations Undergoing Memory Inflation Driven by Murine Cytomegalovirus. <i>Journal of Immunology</i> , 2020 , 204, 112-121	5.3	13
45	Stochastic principles governing alternative splicing of RNA. <i>PLoS Computational Biology</i> , 2017 , 13, e1005761		13
44	Limited maintenance of vaccine-induced simian immunodeficiency virus-specific CD8 T-cell receptor clonotypes after virus challenge. <i>Journal of Virology</i> , 2008 , 82, 7357-68	6.6	13
43	Alloreactive T cell clonotype recruitment in a mixed lymphocyte reaction: implications for graft engineering. <i>Experimental Hematology</i> , 2006 , 34, 788-95	3.1	13
42	Flow cytometric analysis of human antigen-specific T-cell proliferation. <i>Methods in Cell Biology</i> , 2004 , 75, 481-96	1.8	13
41	T-cell receptor sequencing demonstrates persistence of virus-specific T cells after antiviral immunotherapy. <i>British Journal of Haematology</i> , 2019 , 187, 206-218	4.5	12
40	Impact of Antiretroviral Therapy Duration on HIV-1 Infection of T Cells within Anatomic Sites. <i>Journal of Virology</i> , 2020 , 94,	6.6	12
39	Evolution of the donor T-cell repertoire in recipients in the second decade after allogeneic stem cell transplantation. <i>Blood</i> , 2011 , 117, 5250-6	2.2	12
38	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> , 2010 , 40, 1950-62	6.1	12
37	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits comparable B cell expansion, neutralizing antibodies and protection against Omicron		12
36	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> , 2011 , 85, 3683-9	6.6	10
35	Impact of Integrase Inhibition Compared With Nonnucleoside Inhibition on HIV Reservoirs in Lymphoid Tissues. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 81, 355-360	3.1	10
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