

# Miles P Davenport

## List of Publications by Citations

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225  
papers

8,948  
citations

51  
h-index

85  
g-index

248  
ext. papers

13,515  
ext. citations

9.9  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
225	Neutralizing antibody levels are highly predictive of immune protection from symptomatic SARS-CoV-2 infection. <i>Nature Medicine</i> , <b>2021</b> , 27, 1205-1211	50.5	1137
224	The molecular basis for public T-cell responses?. <i>Nature Reviews Immunology</i> , <b>2008</b> , 8, 231-8	36.5	246
223	Humoral and circulating follicular helper T cell responses in recovered patients with COVID-19. <i>Nature Medicine</i> , <b>2020</b> , 26, 1428-1434	50.5	223
222	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization.. <i>Nature</i> , <b>2021</b> ,	50.4	209
221	CD161 defines a transcriptional and functional phenotype across distinct human T cell lineages. <i>Cell Reports</i> , <b>2014</b> , 9, 1075-88	10.6	181
220	Low levels of SIV infection in sooty mangabey central memory CD4 T cells are associated with limited CCR5 expression. <i>Nature Medicine</i> , <b>2011</b> , 17, 830-6	50.5	173
219	Rapid viral escape at an immunodominant simian-human immunodeficiency virus cytotoxic T-lymphocyte epitope exacts a dramatic fitness cost. <i>Journal of Virology</i> , <b>2005</b> , 79, 5721-31	6.6	157
218	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
217	Methods for comparing the diversity of samples of the T cell receptor repertoire. <i>Journal of Immunological Methods</i> , <b>2007</b> , 321, 182-95	2.5	148
216	A virus-specific CD8+ T cell immunodominance hierarchy determined by antigen dose and precursor frequencies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 994-9	11.5	139
215	Evolution of immune responses to SARS-CoV-2 in mild-moderate COVID-19. <i>Nature Communications</i> , <b>2021</b> , 12, 1162	17.4	136
214	mRNA vaccines induce durable immune memory to SARS-CoV-2 and variants of concern. <i>Science</i> , <b>2021</b> , 374, abm0829	33.3	133
213	SARS-CoV-2 Omicron has extensive but incomplete escape of Pfizer BNT162b2 elicited neutralization and requires ACE2 for infection. <b>2021</b> ,		130
212	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> , <b>2006</b> , 103, 18691-6	11.5	122
211	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
210	Nonrandom attrition of the naive CD8+ T-cell pool with aging governed by T-cell receptor:pMHC interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 13694-9	11.5	104
209	Molecular analysis of HLA class II associations with hepatitis B virus clearance and vaccine nonresponsiveness. <i>Hepatology</i> , <b>2005</b> , 41, 1383-90	11.2	103

208	Biological determinants of immune reconstitution in HIV-infected patients receiving antiretroviral therapy: the role of interleukin 7 and interleukin 7 receptor and microbial translocation. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202, 1254-64	7	97
207	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
206	Kinetics of virus-specific CD8+ T cells and the control of human immunodeficiency virus infection. <i>Journal of Virology</i> , <b>2004</b> , 78, 10096-103	6.6	91
205	Escape from highly effective public CD8+ T-cell clonotypes by HIV. <i>Blood</i> , <b>2011</b> , 118, 2138-49	2.2	90
204	The origin of genetic diversity in HIV-1. <i>Virus Research</i> , <b>2012</b> , 169, 415-29	6.4	89
203	Prospects for durable immune control of SARS-CoV-2 and prevention of reinfection. <i>Nature Reviews Immunology</i> , <b>2021</b> , 21, 395-404	36.5	89
202	TCR beta-chain sharing in human CD8+ T cell responses to cytomegalovirus and EBV. <i>Journal of Immunology</i> , <b>2008</b> , 181, 7853-62	5.3	84
201	Clonal selection, clonal senescence, and clonal succession: the evolution of the T cell response to infection with a persistent virus. <i>Journal of Immunology</i> , <b>2002</b> , 168, 3309-17	5.3	84
200	Neutralising antibody titres as predictors of protection against SARS-CoV-2 variants and the impact of boosting: a meta-analysis. <i>Lancet Microbe, The</i> , <b>2021</b> ,	22.2	82
199	A stochastic model of cytotoxic T cell responses. <i>Journal of Theoretical Biology</i> , <b>2004</b> , 228, 227-40	2.3	81
198	CD4 depletion in SIV-infected macaques results in macrophage and microglia infection with rapid turnover of infected cells. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004467	7.6	80
197	Early establishment of diverse T cell receptor profiles for influenza-specific CD8(+)/CD62L(hi) memory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 9184-9	11.5	74
196	Naive T cells are maintained by thymic output in early ages but by proliferation without phenotypic change after age twenty. <i>Immunology and Cell Biology</i> , <b>2003</b> , 81, 487-95	5	74
195	Developmental Origin Governs CD8 T Cell Fate Decisions during Infection. <i>Cell</i> , <b>2018</b> , 174, 117-130.e14	56.2	73
194	HIV Reactivation from Latency after Treatment Interruption Occurs on Average Every 5-8 Days--Implications for HIV Remission. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005000	7.6	73
193	Reducing chimera formation during PCR amplification to ensure accurate genotyping. <i>Gene</i> , <b>2010</b> , 469, 45-51	3.8	71
192	Genetic and structural basis for selection of a ubiquitous T cell receptor deployed in Epstein-Barr virus infection. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1001198	7.6	70
191	Lifelong persistent viral infection alters the naive T cell pool, impairing CD8 T cell immunity in late life. <i>Journal of Immunology</i> , <b>2012</b> , 189, 5356-66	5.3	67

190	Naïve and memory cell turnover as drivers of CCR5-to-CXCR4 tropism switch in human immunodeficiency virus type 1: implications for therapy. <i>Journal of Virology</i> , <b>2006</b> , 80, 802-9	6.6	66
189	Sequential broadening of CTL responses in early HIV-1 infection is associated with viral escape. <i>PLoS ONE</i> , <b>2007</b> , 2, e225	3.7	64
188	The T cell repertoire in infection and vaccination: implications for control of persistent viruses. <i>Current Opinion in Immunology</i> , <b>2007</b> , 19, 294-300	7.8	61
187	Clinical assessment of anti-viral CD8+ T cell immune monitoring using QuantiFERON-CMV $\square$ assay to identify high risk allogeneic hematopoietic stem cell transplant patients with CMV infection complications. <i>PLoS ONE</i> , <b>2013</b> , 8, e74744	3.7	59
186	HIV-1 variation diminishes CD4 T lymphocyte recognition. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 1785-93	16.6	59
185	Method for assessing the similarity between subsets of the T cell receptor repertoire. <i>Journal of Immunological Methods</i> , <b>2008</b> , 329, 67-80	2.5	58
184	IL-15 promotes activation and expansion of CD8+ T cells in HIV-1 infection. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 2745-56	15.9	57
183	Modeling the dynamics of Plasmodium vivax infection and hypnozoite reactivation in vivo. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003595	4.8	56
182	Measuring immunity to SARS-CoV-2 infection: comparing assays and animal models. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 727-738	36.5	56
181	Evolution of the antigen-specific CD8+ TCR repertoire across the life span: evidence for clonal homogenization of the old TCR repertoire. <i>Journal of Immunology</i> , <b>2011</b> , 186, 2056-2064	5.3	55
180	Preferential invasion of reticulocytes during late-stage Plasmodium berghei infection accounts for reduced circulating reticulocyte levels. <i>International Journal for Parasitology</i> , <b>2006</b> , 36, 1389-97	4.3	55
179	Reverse immunogenetics: from HLA-disease associations to vaccine candidates. <i>Trends in Molecular Medicine</i> , <b>1996</b> , 2, 38-45		54
178	Functional cure of HIV: the scale of the challenge. <i>Nature Reviews Immunology</i> , <b>2019</b> , 19, 45-54	36.5	54
177	Fc-dependent functions are redundant to efficacy of anti-HIV antibody PGT121 in macaques. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 182-191	15.9	53
176	Contribution of T cell receptor affinity to overall avidity for virus-specific CD8+ T cell responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 11432-7	11.5	52
175	The search for an HIV cure: tackling latent infection. <i>Lancet Infectious Diseases</i> , <b>2013</b> , 13, 614-21	25.5	51
174	Early priming minimizes the age-related immune compromise of CD8+ T cell diversity and function. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002544	7.6	51
173	Predicting the impact of a nonsterilizing vaccine against human immunodeficiency virus. <i>Journal of Virology</i> , <b>2004</b> , 78, 11340-51	6.6	51

172	Comparative efficacy of subtype AE simian-human immunodeficiency virus priming and boosting vaccines in pigtail macaques. <i>Journal of Virology</i> , <b>2007</b> , 81, 292-300	6.6	48
171	Killer T cells regulate antigen presentation for early expansion of memory, but not naive, CD8+ T cell. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 6341-6	11.5	47
170	Genetically-barcoded SIV facilitates enumeration of rebound variants and estimation of reactivation rates in nonhuman primates following interruption of suppressive antiretroviral therapy. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006359	7.6	47
169	NKT and MAIT invariant TCR sequences can be produced efficiently by VJ gene recombination. <i>Immunobiology</i> , <b>2013</b> , 218, 213-24	3.4	46
168	Rates of HIV immune escape and reversion: implications for vaccination. <i>Trends in Microbiology</i> , <b>2008</b> , 16, 561-6	12.4	46
167	Rapid proliferation and differentiation impairs the development of memory CD8+ T cells in early life. <i>Journal of Immunology</i> , <b>2014</b> , 193, 177-84	5.3	44
166	DNAzyme targeting c-jun suppresses skin cancer growth. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 139ra82	7.5	44
165	Understanding the mechanisms and limitations of immune control of HIV. <i>Immunological Reviews</i> , <b>2007</b> , 216, 164-75	11.3	43
164	Vaccination and timing influence SIV immune escape viral dynamics in vivo. <i>PLoS Pathogens</i> , <b>2008</b> , 4, e12	7.6	41
163	The pigtail macaque MHC class I allele Mane-A*10 presents an immunodominant SIV Gag epitope: identification, tetramer development and implications of immune escape and reversion. <i>Journal of Medical Primatology</i> , <b>2005</b> , 34, 282-93	0.7	41
162	Innate immunity induced by Plasmodium liver infection inhibits malaria reinfections. <i>Infection and Immunity</i> , <b>2015</b> , 83, 1172-80	3.7	40
161	HLA class I binding motifs derived from random peptide libraries differ at the COOH terminus from those of eluted peptides. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 367-71	16.6	40
160	Nanobody cocktails potently neutralize SARS-CoV-2 D614G N501Y variant and protect mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	40
159	The dynamics of naturally acquired immunity to Plasmodium falciparum infection. <i>PLoS Computational Biology</i> , <b>2012</b> , 8, e1002729	5	38
158	Identifying recombination hot spots in the HIV-1 genome. <i>Journal of Virology</i> , <b>2014</b> , 88, 2891-902	6.6	37
157	Accurately measuring recombination between closely related HIV-1 genomes. <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000766	5	37
156	Cell-autonomous and environmental contributions to the interstitial migration of T cells. <i>Seminars in Immunopathology</i> , <b>2010</b> , 32, 257-74	12	37
155	Symptomatic and asymptomatic viral recrudescence in solid-organ transplant recipients and its relationship with the antigen-specific CD8(+) T-cell response. <i>Journal of Virology</i> , <b>2007</b> , 81, 11538-42	6.6	37

154	Reversion of immune escape HIV variants upon transmission: insights into effective viral immunity. <i>Trends in Microbiology</i> , <b>2005</b> , 13, 243-6	12.4	37
153	Standard trivalent influenza virus protein vaccination does not prime antibody-dependent cellular cytotoxicity in macaques. <i>Journal of Virology</i> , <b>2013</b> , 87, 13706-18	6.6	36
152	Influence of peak viral load on the extent of CD4+ T-cell depletion in simian HIV infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2006</b> , 41, 259-65	3.1	36
151	Partial efficacy of a broadly neutralizing antibody against cell-associated SHIV infection. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	35
150	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
149	Vaccine-induced T cells control reversion of AIDS virus immune escape mutants. <i>Journal of Virology</i> , <b>2007</b> , 81, 4137-44	6.6	34
148	Contemporaneous fluctuations in T cell responses to persistent herpes virus infections. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 139-49	6.1	32
147	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization. <i>Nature</i> ,	50.4	31
146	Novel RNA viruses associated with <i>Plasmodium vivax</i> in human malaria and <i>Leucocytozoon</i> parasites in avian disease. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1008216	7.6	31
145	Use it or lose it: establishment and persistence of T cell memory. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 357	8.4	30
144	The race between infection and immunity: how do pathogens set the pace?. <i>Trends in Immunology</i> , <b>2009</b> , 30, 61-6	14.4	30
143	The role of production frequency in the sharing of simian immunodeficiency virus-specific CD8+ TCRs between macaques. <i>Journal of Immunology</i> , <b>2008</b> , 181, 2597-609	5.3	29
142	A homing selection hypothesis for T-cell trafficking. <i>Trends in Immunology</i> , <b>2000</b> , 21, 315-7		29
141	Safety and Reproducibility of a Clinical Trial System Using Induced Blood Stage <i>Plasmodium vivax</i> Infection and Its Potential as a Model to Evaluate Malaria Transmission. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005139	4.8	29
140	Does cytolysis by CD8+ T cells drive immune escape in HIV infection?. <i>Journal of Immunology</i> , <b>2010</b> , 185, 5093-101	5.3	28
139	In vivo fitness costs of different Gag CD8 T-cell escape mutant simian-human immunodeficiency viruses for macaques. <i>Journal of Virology</i> , <b>2007</b> , 81, 5418-22	6.6	28
138	Lifelong CMV infection improves immune defense in old mice by broadening the mobilized TCR repertoire against third-party infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E6817-E6825	11.5	28
137	Fc functional antibodies in humans with severe H7N9 and seasonal influenza. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	27

136	Fifteen to twenty percent of HIV substitution mutations are associated with recombination. <i>Journal of Virology</i> , <b>2014</b> , 88, 3837-49	6.6	27
135	Footprint of APOBEC3 on the genome of human retroelements. <i>Journal of Virology</i> , <b>2013</b> , 87, 8195-204	6.6	27
134	High-potency human immunodeficiency virus vaccination leads to delayed and reduced CD8+ T-cell expansion but improved virus control. <i>Journal of Virology</i> , <b>2005</b> , 79, 10059-62	6.6	27
133	Cell turnover and cell tropism in HIV-1 infection. <i>Trends in Microbiology</i> , <b>2002</b> , 10, 275-8	12.4	27
132	Impact of Plasmodium falciparum Coinfection on Longitudinal Epstein-Barr Virus Kinetics in Kenyan Children. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 985-91	7	25
131	HIV immune escape at an immunodominant epitope in HLA-B*27-positive individuals predicts viral load outcome. <i>Journal of Immunology</i> , <b>2011</b> , 186, 479-88	5.3	25
130	Comparing the kinetics of NK cells, CD4, and CD8 T cells in murine cytomegalovirus infection. <i>Journal of Immunology</i> , <b>2011</b> , 187, 1385-92	5.3	25
129	Antagonists or altruists: do viral mutants modulate T-cell responses?. <i>Trends in Immunology</i> , <b>1995</b> , 16, 432-6		24
128	SARS-CoV-2 Omicron: evasion of potent humoral responses and resistance to clinical immunotherapeutics relative to viral variants of concern		24
127	Acute neonatal infections block-inPa suboptimal CD8+ T cell repertoire with impaired recall responses. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003572	7.6	23
126	The effects of thymic selection on the range of T cell cross-reactivity. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 3452-9	6.1	23
125	mRNA Vaccination Induces Durable Immune Memory to SARS-CoV-2 with Continued Evolution to Variants of Concern <b>2021</b> ,		23
124	CD8+ T cell control of HIV--a known unknown. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000728	7.6	22
123	Is the gut the major source of virus in early simian immunodeficiency virus infection?. <i>Journal of Virology</i> , <b>2009</b> , 83, 7517-23	6.6	22
122	APOBEC3 has not left an evolutionary footprint on the HIV-1 genome. <i>Journal of Virology</i> , <b>2011</b> , 85, 9138-46	6.6	22
121	Effects of antibody on viral kinetics in simian/human immunodeficiency virus infection: implications for vaccination. <i>Journal of Virology</i> , <b>2004</b> , 78, 5520-2	6.6	22
120	Cycling memory CD4+ T cells in HIV disease have a diverse T cell receptor repertoire and a phenotype consistent with bystander activation. <i>Journal of Virology</i> , <b>2014</b> , 88, 5369-80	6.6	21
119	Molecularly barcoded Zika virus libraries to probe in vivo evolutionary dynamics. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006964	7.6	21

118	Building a T cell compartment: how immune cell development shapes function. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 499-506	36.5	20
117	Low red cell production may protect against severe anemia during a malaria infection--insights from modeling. <i>Journal of Theoretical Biology</i> , <b>2009</b> , 257, 533-42	2.3	20
116	A kinetic model of bone marrow neutrophil production that characterizes late phenotypic maturation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 292, R1707-16	3.2	20
115	Host-mediated impairment of parasite maturation during blood-stage infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7701-7706	11.5	19
114	Diversity of the CD8+ T cell repertoire elicited against an immunodominant epitope does not depend on the context of infection. <i>Journal of Immunology</i> , <b>2010</b> , 184, 2958-2965	5.3	19
113	Source of CpG Depletion in the HIV-1 Genome. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 3205-3212	8.3	19
112	Understanding the relationship between Plasmodium falciparum growth rate and multiplicity of infection. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 1121-7	7	18
111	Effect of mature blood-stage Plasmodium parasite sequestration on pathogen biomass in mathematical and in vivo models of malaria. <i>Infection and Immunity</i> , <b>2014</b> , 82, 212-20	3.7	18
110	Predicting CD62L expression during the CD8+ T-cell response in vivo. <i>Immunology and Cell Biology</i> , <b>2010</b> , 88, 157-64	5	18
109	An "escape clock" for estimating the turnover of SIV DNA in resting CD4+ T cells. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002615	7.6	18
108	Terminal deoxynucleotidyltransferase is required for the establishment of private virus-specific CD8+ TCR repertoires and facilitates optimal CTL responses. <i>Journal of Immunology</i> , <b>2008</b> , 181, 2556-62	5.3	18
107	Defining early SIV replication and dissemination dynamics following vaginal transmission. <i>Science Advances</i> , <b>2019</b> , 5, eaav7116	14.3	17
106	Within-host modeling of blood-stage malaria. <i>Immunological Reviews</i> , <b>2018</b> , 285, 168-193	11.3	17
105	Limited CD4+ T cell proliferation leads to preservation of CD4+ T cell counts in SIV-infected sooty mangabeys. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 3773-81	4.4	17
104	CD4+ target cell availability determines the dynamics of immune escape and reversion in vivo. <i>Journal of Virology</i> , <b>2008</b> , 82, 4091-101	6.6	17
103	Insights into the motif preference of APOBEC3 enzymes. <i>PLoS ONE</i> , <b>2014</b> , 9, e87679	3.7	17
102	Decay of Fc-dependent antibody functions after mild to moderate COVID-19. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100296	18	17
101	The Neonatal CD8+ T Cell Repertoire Rapidly Diversifies during Persistent Viral Infection. <i>Journal of Immunology</i> , <b>2016</b> , 196, 1604-16	5.3	16



100	Intracellular dynamics of HIV infection. <i>Journal of Virology</i> , <b>2014</b> , 88, 1113-24	6.6	16
99	Specificity, promiscuity, and precursor frequency in immunoreceptors. <i>Current Opinion in Immunology</i> , <b>2013</b> , 25, 639-45	7.8	16
98	Increased stability and limited proliferation of CD4+ central memory T cells differentiate nonprogressive simian immunodeficiency virus (SIV) infection of sooty mangabeys from progressive SIV infection of rhesus macaques. <i>Journal of Virology</i> , <b>2014</b> , 88, 4533-42	6.6	16
97	Division-linked differentiation can account for CD8+ T-cell phenotype in vivo. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 67-77	6.1	16
96	Drug-induced thrombocytopenia: development of a novel NOD/SCID mouse model to evaluate clearance of circulating platelets by drug-dependent antibodies and the efficacy of IVIG. <i>Blood</i> , <b>2010</b> , 116, 1958-60	2.2	16
95	Modeling of Experimental Data Supports HIV Reactivation from Latency after Treatment Interruption on Average Once Every 5-8 Days. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005740	7.6	16
94	Relationship between Measures of HIV Reactivation and Decline of the Latent Reservoir under Latency-Reversing Agents. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	15
93	Decreased growth rate of <i>P. falciparum</i> blood stage parasitemia with age in a holoendemic population. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 209, 1136-43	7	15
92	APOBEC3G and APOBEC3F rarely co-mutate the same HIV genome. <i>Retrovirology</i> , <b>2012</b> , 9, 113	3.6	15
91	Trivalent live attenuated influenza-simian immunodeficiency virus vaccines: efficacy and evolution of cytotoxic T lymphocyte escape in macaques. <i>Journal of Virology</i> , <b>2013</b> , 87, 4146-60	6.6	15
90	Extraction and characterization of the rhesus macaque T-cell receptor beta-chain genes. <i>Immunology and Cell Biology</i> , <b>2009</b> , 87, 546-53	5	15
89	Estimating the infectivity of CCR5-tropic simian immunodeficiency virus SIV(mac251) in the gut. <i>Journal of Virology</i> , <b>2007</b> , 81, 8025-9	6.6	15
88	Estimating the in-vivo HIV template switching and recombination rate. <i>Aids</i> , <b>2016</b> , 30, 185-92	3.5	15
87	Linking pig-tailed macaque major histocompatibility complex class I haplotypes and cytotoxic T lymphocyte escape mutations in simian immunodeficiency virus infection. <i>Journal of Virology</i> , <b>2014</b> , 88, 14310-25	6.6	14
86	Estimating the impact of vaccination on acute simian-human immunodeficiency virus/simian immunodeficiency virus infections. <i>Journal of Virology</i> , <b>2008</b> , 82, 11589-98	6.6	14
85	What level of neutralising antibody protects from COVID-19?		14
84	A general method to eliminate laboratory induced recombinants during massive, parallel sequencing of cDNA library. <i>Virology Journal</i> , <b>2015</b> , 12, 55	6.1	13
83	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

82	Modeling of EBV Infection and Antibody Responses in Kenyan Infants With Different Levels of Malaria Exposure Shows Maternal Antibody Decay is a Major Determinant of Early EBV Infection. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 1390-1398	7	13
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2	Novel RNA viruses associated with Plasmodium vivax in human malaria and Leucocytozoon parasites in avian disease <b>2019</b> , 15, e1008216		
1	Novel RNA viruses associated with Plasmodium vivax in human malaria and Leucocytozoon parasites in avian disease <b>2019</b> , 15, e1008216		