

Miles P Davenport

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.

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	Efficient recall of Omicron-reactive B cell memory after a third dose of SARS-CoV-2 mRNA vaccine. 2022,		1
224	Similarly efficacious anti-malarial drugs SJ733 and pyronaridine differ in their ability to remove circulating parasites in mice.. <i>Malaria Journal</i> , 2022 , 21, 49	3.6	1
223	Establishment and recall of SARS-CoV-2 spike epitope-specific CD4 T cell memory.. <i>Nature Immunology</i> , 2022,	19.1	3
222	Efficient recall of Omicron-reactive B cell memory after a third dose of SARS-CoV-2 mRNA vaccine.. <i>Cell</i> , 2022,	56.2	11
221	Platform for isolation and characterization of SARS-CoV-2 variants enables rapid characterization of Omicron in Australia. <i>Nature Microbiology</i> , 2022 , 7, 896-908	26.6	2
220	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization.. <i>Nature</i> , 2021,	50.4	209
219	SARS-CoV-2 Omicron has extensive but incomplete escape of Pfizer BNT162b2 elicited neutralization and requires ACE2 for infection. 2021,		130
218	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> , 2021,	22.2	82
217	Anti-Drug Antibodies in Pigtailed Macaques Receiving HIV Broadly Neutralising Antibody PGT121. <i>Frontiers in Immunology</i> , 2021 , 12, 749891	8.4	0
216	The mucosal barrier and anti-viral immune responses can eliminate portions of the viral population during transmission and early viral growth. <i>PLoS ONE</i> , 2021 , 16, e0260010	3.7	
215	Tear antibodies to SARS-CoV-2: implications for transmission. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1354	6.8	1
214	mRNA vaccines induce durable immune memory to SARS-CoV-2 and variants of concern. <i>Science</i> , 2021 , 374, abm0829	33.3	133
213	Parasite Viability as a Superior Measure of Antimalarial Drug Activity in Humans. <i>Journal of Infectious Diseases</i> , 2021 , 223, 2154-2163	7	4
212	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> , 2021 , 118,	11.5	40
211	Prospects for durable immune control of SARS-CoV-2 and prevention of reinfection. <i>Nature Reviews Immunology</i> , 2021 , 21, 395-404	36.5	89
210	CD8+ T cells fail to limit SIV reactivation following ART withdrawal until after viral amplification. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	2
209	Neutralizing antibody levels are highly predictive of immune protection from symptomatic SARS-CoV-2 infection. <i>Nature Medicine</i> , 2021 , 27, 1205-1211	50.5	1137

208	Decay of Fc-dependent antibody functions after mild to moderate COVID-19. <i>Cell Reports Medicine</i> , 2021 , 2, 100296	18	17
207	Transient viral replication during analytical treatment interruptions in SIV infected macaques can alter the rebound-competent viral reservoir. <i>PLoS Pathogens</i> , 2021 , 17, e1009686	7.6	0
206	Evolution of immune responses to SARS-CoV-2 in mild-moderate COVID-19. <i>Nature Communications</i> , 2021 , 12, 1162	17.4	136
205	mRNA Vaccination Induces Durable Immune Memory to SARS-CoV-2 with Continued Evolution to Variants of Concern 2021 ,		23
204	Immune imprinting and SARS-CoV-2 vaccine design. <i>Trends in Immunology</i> , 2021 , 42, 956-959	14.4	12
203	Landscape of human antibody recognition of the SARS-CoV-2 receptor binding domain. <i>Cell Reports</i> , 2021 , 37, 109822	10.6	11
202	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
201	Building a T cell compartment: how immune cell development shapes function. <i>Nature Reviews Immunology</i> , 2020 , 20, 499-506	36.5	20
200	Fc functional antibody responses to adjuvanted versus unadjuvanted seasonal influenza vaccination in community-dwelling older adults. <i>Vaccine</i> , 2020 , 38, 2368-2377	4.1	8
199	Malaria Parasite Clearance: What Are We Really Measuring?. <i>Trends in Parasitology</i> , 2020 , 36, 413-426	6.4	10
198	Impact of fluctuation in frequency of human immunodeficiency virus/simian immunodeficiency virus reactivation during antiretroviral therapy interruption. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20200354	4.4	1
197	Genetically barcoded SIV reveals the emergence of escape mutations in multiple viral lineages during immune escape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 494-502	11.5	5
196	Transcriptome dynamics of CD4 T cells during malaria maps gradual transit from effector to memory. <i>Nature Immunology</i> , 2020 , 21, 1597-1610	19.1	10
195	Humoral and circulating follicular helper T cell responses in recovered patients with COVID-19. <i>Nature Medicine</i> , 2020 , 26, 1428-1434	50.5	223
194	Artemisinin Resistance and the Unique Selection Pressure of a Short-acting Antimalarial. <i>Trends in Parasitology</i> , 2020 , 36, 884-887	6.4	8
193	Measuring immunity to SARS-CoV-2 infection: comparing assays and animal models. <i>Nature Reviews Immunology</i> , 2020 , 20, 727-738	36.5	56
192	Interaction between maternally derived antibodies and heterogeneity in exposure combined to determine time-to-first Plasmodium falciparum infection in Kenyan infants. <i>Malaria Journal</i> , 2019 , 18, 19	3.6	4
191	Defining early SIV replication and dissemination dynamics following vaginal transmission. <i>Science Advances</i> , 2019 , 5, eaav7116	14.3	17

190	Plasmodium-specific antibodies block in vivo parasite growth without clearing infected red blood cells. <i>PLoS Pathogens</i> , 2019 , 15, e1007599	7.6	12
189	The peripheral differentiation of human natural killer T cells. <i>Immunology and Cell Biology</i> , 2019 , 97, 586-596	8	
188	Moving the HIV vaccine field forward: concepts of protective immunity. <i>Lancet HIV</i> , 2019 , 6, e406-e410	10	1
187	Fc-dependent functions are redundant to efficacy of anti-HIV antibody PGT121 in macaques. <i>Journal of Clinical Investigation</i> , 2019 , 129, 182-191	15.9	53
186	Predictors of SIV recrudescence following antiretroviral treatment interruption. <i>ELife</i> , 2019 , 8,	8.9	9
185	Fate mapping reveals the age structure of the peripheral T cell compartment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3974-3981	11.5	9
184	Validation of the Viral Barcoding of Simian Immunodeficiency Virus SIVmac239 and the Development of New Barcoded SIV and Subtype B and C Simian-Human Immunodeficiency Viruses. <i>Journal of Virology</i> , 2019 , 94,	6.6	11
183	Novel RNA viruses associated with Plasmodium vivax in human malaria and Leucocytozoon parasites in avian disease. <i>PLoS Pathogens</i> , 2019 , 15, e1008216	7.6	31
182	Functional cure of HIV: the scale of the challenge. <i>Nature Reviews Immunology</i> , 2019 , 19, 45-54	36.5	54
181	Novel RNA viruses associated with Plasmodium vivax in human malaria and Leucocytozoon parasites in avian disease 2019 , 15, e1008216		
180	Novel RNA viruses associated with Plasmodium vivax in human malaria and Leucocytozoon parasites in avian disease 2019 , 15, e1008216		
179	Novel RNA viruses associated with Plasmodium vivax in human malaria and Leucocytozoon parasites in avian disease 2019 , 15, e1008216		
178	HIV Reactivation after Partial Protection by Neutralizing Antibodies. <i>Trends in Immunology</i> , 2018 , 39, 359-366	14.4	5
177	Within-host modeling of blood-stage malaria. <i>Immunological Reviews</i> , 2018 , 285, 168-193	11.3	17
176	Developmental Origin Governs CD8 T Cell Fate Decisions during Infection. <i>Cell</i> , 2018 , 174, 117-130.e14	56.2	73
175	Molecularly barcoded Zika virus libraries to probe in vivo evolutionary dynamics. <i>PLoS Pathogens</i> , 2018 , 14, e1006964	7.6	21
174	Estimating Initial Viral Levels during Simian Immunodeficiency Virus/Human Immunodeficiency Virus Reactivation from Latency. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
173	Investigation of the Decline in Clinical Efficacy of Artemisinin Combination Therapies Due to Increasing Artemisinin and Partner Drug Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	3

172	Quantification of host-mediated parasite clearance during blood-stage Plasmodium infection and anti-malarial drug treatment in mice. <i>International Journal for Parasitology</i> , 2018 , 48, 903-913	4.3	4
171	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> , 2018 , 115, E6817-E6825	11.5	28
170	Relationship between Measures of HIV Reactivation and Decline of the Latent Reservoir under Latency-Reversing Agents. <i>Journal of Virology</i> , 2017 , 91,	6.6	15
169	Anti-HIV-1 ADCC Antibodies following Latency Reversal and Treatment Interruption. <i>Journal of Virology</i> , 2017 , 91,	6.6	11
168	Exploration of broadly neutralizing antibody fragments produced in bacteria for the control of HIV. <i>Human Vaccines and Immunotherapeutics</i> , 2017 , 13, 2726-2737	4.4	1
167	Modeling of Antilatency Treatment in HIV: What Is the Optimal Duration of Antiretroviral Therapy-Free HIV Remission?. <i>Journal of Virology</i> , 2017 , 91,	6.6	9
166	Fc functional antibodies in humans with severe H7N9 and seasonal influenza. <i>JCI Insight</i> , 2017 , 2,	9.9	27
165	Characterising the effect of antimalarial drugs on the maturation and clearance of murine blood-stage Plasmodium parasites in vivo. <i>International Journal for Parasitology</i> , 2017 , 47, 913-922	4.3	13
164	A mechanistic model quantifies artemisinin-induced parasite growth retardation in blood-stage Plasmodium falciparum infection. <i>Journal of Theoretical Biology</i> , 2017 , 430, 117-127	2.3	6
163	Partial efficacy of a broadly neutralizing antibody against cell-associated SHIV infection. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	35
162	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> , 2017 , 114, 7701-7706	11.5	19
161	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> , 2017 , 13, e1006359	7.6	47
160	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> , 2016 , 214, 1390-1398	7	13
159	Defining the Effectiveness of Antimalarial Chemotherapy: Investigation of the Lag in Parasite Clearance Following Drug Administration. <i>Journal of Infectious Diseases</i> , 2016 , 214, 753-61	7	11
158	The Neonatal CD8+ T Cell Repertoire Rapidly Diversifies during Persistent Viral Infection. <i>Journal of Immunology</i> , 2016 , 196, 1604-16	5.3	16
157	Impact of Plasmodium falciparum Coinfection on Longitudinal Epstein-Barr Virus Kinetics in Kenyan Children. <i>Journal of Infectious Diseases</i> , 2016 , 213, 985-91	7	25
156	High fidelity simian immunodeficiency virus reverse transcriptase mutants have impaired replication in vitro and in vivo. <i>Virology</i> , 2016 , 492, 1-10	3.6	10
155	Safety and Reproducibility of a Clinical Trial System Using Induced Blood Stage Plasmodium vivax Infection and Its Potential as a Model to Evaluate Malaria Transmission. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005139	4.8	29

154	Analysis of the In Vivo Turnover of CD4+ T-Cell Subsets in Chronically SIV-Infected Sooty Mangabeys. <i>PLoS ONE</i> , 2016 , 11, e0156352	3.7	2
153	Modeling of Experimental Data Supports HIV Reactivation from Latency after Treatment Interruption on Average Once Every 5-8 Days. <i>PLoS Pathogens</i> , 2016 , 12, e1005740	7.6	16
152	IL-15 promotes activation and expansion of CD8+ T cells in HIV-1 infection. <i>Journal of Clinical Investigation</i> , 2016 , 126, 2745-56	15.9	57
151	HIV-1 Mutation and Recombination Rates Are Different in Macrophages and T-cells. <i>Viruses</i> , 2016 , 8, 118	6.2	5
150	Estimating the in-vivo HIV template switching and recombination rate. <i>Aids</i> , 2016 , 30, 185-92	3.5	15
149	Modeling the dynamics of neonatal CD8 T-cell responses. <i>Immunology and Cell Biology</i> , 2016 , 94, 838-848		13
148	Source of CpG Depletion in the HIV-1 Genome. <i>Molecular Biology and Evolution</i> , 2016 , 33, 3205-3212	8.3	19
147	Time-to-infection by Plasmodium falciparum is largely determined by random factors. <i>BMC Medicine</i> , 2015 , 13, 19	11.4	4
146	Modeling the dynamics of Plasmodium vivax infection and hypnozoite reactivation in vivo. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003595	4.8	56
145	A general method to eliminate laboratory induced recombinants during massive, parallel sequencing of cDNA library. <i>Virology Journal</i> , 2015 , 12, 55	6.1	13
144	Innate immunity induced by Plasmodium liver infection inhibits malaria reinfections. <i>Infection and Immunity</i> , 2015 , 83, 1172-80	3.7	40
143	Epitope-specific CD8+ T cell kinetics rather than viral variability determine the timing of immune escape in simian immunodeficiency virus infection. <i>Journal of Immunology</i> , 2015 , 194, 4112-21	5.3	7
142	Reduced erythrocyte susceptibility and increased host clearance of young parasites slows Plasmodium growth in a murine model of severe malaria. <i>Scientific Reports</i> , 2015 , 5, 9412	4.9	10
141	Understanding the relationship between Plasmodium falciparum growth rate and multiplicity of infection. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1121-7	7	18
140	Central memory CD4+ T cells are preferential targets of double infection by HIV-1. <i>Virology Journal</i> , 2015 , 12, 184	6.1	2
139	HIV Reactivation from Latency after Treatment Interruption Occurs on Average Every 5-8 Days--Implications for HIV Remission. <i>PLoS Pathogens</i> , 2015 , 11, e1005000	7.6	73
138	Intracellular dynamics of HIV infection. <i>Journal of Virology</i> , 2014 , 88, 1113-24	6.6	16
137	Rapid proliferation and differentiation impairs the development of memory CD8+ T cells in early life. <i>Journal of Immunology</i> , 2014 , 193, 177-84	5.3	44

136	Decreased growth rate of <i>P. falciparum</i> blood stage parasitemia with age in a holoendemic population. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1136-43	7	15
135	Epitope specificity delimits the functional capabilities of vaccine-induced CD8 T cell populations. <i>Journal of Immunology</i> , 2014 , 193, 5626-36	5.3	7
134	Tentative first steps to eradicate latent HIV. <i>Lancet HIV,the</i> , 2014 , 1, e2-3	7.8	1
133	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> , 2014 , 88, 14310-25	6.6	14
132	Fifteen to twenty percent of HIV substitution mutations are associated with recombination. <i>Journal of Virology</i> , 2014 , 88, 3837-49	6.6	27
131	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> , 2014 , 88, 5369-80	6.6	21
130	Identifying recombination hot spots in the HIV-1 genome. <i>Journal of Virology</i> , 2014 , 88, 2891-902	6.6	37
129	CD161 defines a transcriptional and functional phenotype across distinct human T cell lineages. <i>Cell Reports</i> , 2014 , 9, 1075-88	10.6	181
128	CD4 depletion in SIV-infected macaques results in macrophage and microglia infection with rapid turnover of infected cells. <i>PLoS Pathogens</i> , 2014 , 10, e1004467	7.6	80
127	Modeling the timing of antilateness drug administration during HIV treatment. <i>Journal of Virology</i> , 2014 , 88, 14050-6	6.6	12
126	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> , 2014 , 88, 4533-42	6.6	16
125	Effect of mature blood-stage Plasmodium parasite sequestration on pathogen biomass in mathematical and in vivo models of malaria. <i>Infection and Immunity</i> , 2014 , 82, 212-20	3.7	18
124	Insights into the motif preference of APOBEC3 enzymes. <i>PLoS ONE</i> , 2014 , 9, e87679	3.7	17
123	Measuring turnover of SIV DNA in resting CD4+ T cells using pyrosequencing: implications for the timing of HIV eradication therapies. <i>PLoS ONE</i> , 2014 , 9, e93330	3.7	7
122	A spectrum of (avoidable) HIV latency?. <i>Microbiology Australia</i> , 2014 , 35, 95	0.8	
121	Specificity, promiscuity, and precursor frequency in immunoreceptors. <i>Current Opinion in Immunology</i> , 2013 , 25, 639-45	7.8	16
120	Footprint of APOBEC3 on the genome of human retroelements. <i>Journal of Virology</i> , 2013 , 87, 8195-204	6.6	27
119	Estimating the contribution of the gut to plasma viral load in early SIV infection. <i>Retrovirology</i> , 2013 , 10, 105	3.6	4

118	Gammaherpesvirus latency induces antibody-associated thrombocytopenia in mice. <i>Journal of Autoimmunity</i> , 2013 , 42, 71-9	15.5	7
117	NKT and MAIT invariant TCRβ sequences can be produced efficiently by VJ gene recombination. <i>Immunobiology</i> , 2013 , 218, 213-24	3.4	46
116	The search for an HIV cure: tackling latent infection. <i>Lancet Infectious Diseases, The</i> , 2013 , 13, 614-21	25.5	51
115	Acute neonatal infections block-inPa suboptimal CD8+ T cell repertoire with impaired recall responses. <i>PLoS Pathogens</i> , 2013 , 9, e1003572	7.6	23
114	Trivalent live attenuated influenza-simian immunodeficiency virus vaccines: efficacy and evolution of cytotoxic T lymphocyte escape in macaques. <i>Journal of Virology</i> , 2013 , 87, 4146-60	6.6	15
113	Estimating cytomegalovirus growth rates by using only a single point. <i>Journal of Virology</i> , 2013 , 87, 3376-81	6.6	8
112	Density-dependent blood stage Plasmodium falciparum suppresses malaria super-infection in a malaria holoendemic population. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013 , 89, 850-6	3.2	5
111	Standard trivalent influenza virus protein vaccination does not prime antibody-dependent cellular cytotoxicity in macaques. <i>Journal of Virology</i> , 2013 , 87, 13706-18	6.6	36
110	Where have all the parasites gone? Modelling early malaria parasite sequestration dynamics. <i>PLoS ONE</i> , 2013 , 8, e55961	3.7	9
109	Clinical assessment of anti-viral CD8+ T cell immune monitoring using QuantiFERON-CMV assay to identify high risk allogeneic hematopoietic stem cell transplant patients with CMV infection complications. <i>PLoS ONE</i> , 2013 , 8, e74744	3.7	59
108	The origin of genetic diversity in HIV-1. <i>Virus Research</i> , 2012 , 169, 415-29	6.4	89
107	APOBEC3G and APOBEC3F rarely co-mutate the same HIV genome. <i>Retrovirology</i> , 2012 , 9, 113	3.6	15
106	Mining the mechanisms of an HIV vaccine. <i>Nature Medicine</i> , 2012 , 18, 1020-1	50.5	3
105	Use it or lose it: establishment and persistence of T cell memory. <i>Frontiers in Immunology</i> , 2012 , 3, 357	8.4	30
104	Lifelong persistent viral infection alters the naive T cell pool, impairing CD8 T cell immunity in late life. <i>Journal of Immunology</i> , 2012 , 189, 5356-66	5.3	67
103	An "escape clock" for estimating the turnover of SIV DNA in resting CD4+ T cells. <i>PLoS Pathogens</i> , 2012 , 8, e1002615	7.6	18
102	The dynamics of naturally acquired immunity to Plasmodium falciparum infection. <i>PLoS Computational Biology</i> , 2012 , 8, e1002729	5	38
101	Consequences of suboptimal priming are apparent for low-avidity T-cell responses. <i>Immunology and Cell Biology</i> , 2012 , 90, 216-23	5	7

100	Early priming minimizes the age-related immune compromise of CD8+ T cell diversity and function. <i>PLoS Pathogens</i> , 2012 , 8, e1002544	7.6	51
99	DNAzyme targeting c-jun suppresses skin cancer growth. <i>Science Translational Medicine</i> , 2012 , 4, 139ra82	7.5	44
98	Simian-human immunodeficiency infection--is the course set in the acute phase?. <i>PLoS ONE</i> , 2011 , 6, e17180	3.0	2
97	Escape from highly effective public CD8+ T-cell clonotypes by HIV. <i>Blood</i> , 2011 , 118, 2138-49	2.2	90
96	APOBEC3 has not left an evolutionary footprint on the HIV-1 genome. <i>Journal of Virology</i> , 2011 , 85, 9136-46	2.6	22
95	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> , 2011 , 108, 13694-9	11.5	104
94	HIV immune escape at an immunodominant epitope in HLA-B*27-positive individuals predicts viral load outcome. <i>Journal of Immunology</i> , 2011 , 186, 479-88	5.3	25
93	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> , 2011 , 186, 2056-2064	5.3	55
92	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
91	Comparing the kinetics of NK cells, CD4, and CD8 T cells in murine cytomegalovirus infection. <i>Journal of Immunology</i> , 2011 , 187, 1385-92	5.3	25
90	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
89	Low levels of SIV infection in sooty mangabey central memory CD4+ T cells are associated with limited CCR5 expression. <i>Nature Medicine</i> , 2011 , 17, 830-6	50.5	173
88	Predicting CD62L expression during the CD8+ T-cell response in vivo. <i>Immunology and Cell Biology</i> , 2010 , 88, 157-64	5	18
87	Timing of immune escape linked to success or failure of vaccination. <i>PLoS ONE</i> , 2010 , 5, e12774	3.7	12
86	Vaccination-induced noncytolytic effects in the acute phase of SHIV infection. <i>PLoS ONE</i> , 2010 , 5, e15083	3.7	5
85	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> , 2010 , 202, 1254-64	7	97
84	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> , 2010 , 277, 3773-81	4.4	17
83	Does cytotoxicity by CD8+ T cells drive immune escape in HIV infection?. <i>Journal of Immunology</i> , 2010 , 185, 5093-101	5.3	28

82	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> , 2010 , 184, 2958-2965	5.3	19
81	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
80	Accurately measuring recombination between closely related HIV-1 genomes. <i>PLoS Computational Biology</i> , 2010 , 6, e1000766	5	37
79	Genetic and structural basis for selection of a ubiquitous T cell receptor deployed in Epstein-Barr virus infection. <i>PLoS Pathogens</i> , 2010 , 6, e1001198	7.6	70
78	CD8+ T cell control of HIV--a known unknown. <i>PLoS Pathogens</i> , 2010 , 6, e1000728	7.6	22
77	Reducing chimera formation during PCR amplification to ensure accurate genotyping. <i>Gene</i> , 2010 , 469, 45-51	3.8	71
76	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> , 2010 , 116, 1958-60	2.2	16
75	Cell-autonomous and environmental contributions to the interstitial migration of T cells. <i>Seminars in Immunopathology</i> , 2010 , 32, 257-74	12	37
74	A novel fluorescent-based assay reveals that thrombopoietin signaling and Bcl-X(L) influence, respectively, platelet and erythrocyte lifespans. <i>Experimental Hematology</i> , 2010 , 38, 453-461.e1	3.1	13
73	Diversity and clonotypic composition of influenza-specific CD8+ TCR repertoires remain unaltered in the absence of Aire. <i>European Journal of Immunology</i> , 2010 , 40, 849-58	6.1	4
72	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
71	Kinetics of major histocompatibility class I antigen presentation in acute infection. <i>Journal of Immunology</i> , 2009 , 182, 902-11	5.3	5
70	Complexity of the inoculum determines the rate of reversion of SIV Gag CD8 T cell mutant virus and outcome of infection. <i>PLoS Pathogens</i> , 2009 , 5, e1000378	7.6	10
69	Is the gut the major source of virus in early simian immunodeficiency virus infection?. <i>Journal of Virology</i> , 2009 , 83, 7517-23	6.6	22
68	Division-linked differentiation can account for CD8+ T-cell phenotype in vivo. <i>European Journal of Immunology</i> , 2009 , 39, 67-77	6.1	16
67	Extraction and characterization of the rhesus macaque T-cell receptor beta-chain genes. <i>Immunology and Cell Biology</i> , 2009 , 87, 546-53	5	15
66	Low red cell production may protect against severe anemia during a malaria infection--insights from modeling. <i>Journal of Theoretical Biology</i> , 2009 , 257, 533-42	2.3	20
65	Narrowed TCR diversity for immunised mice challenged with recombinant influenza A-HIV Env(311-320) virus. <i>Vaccine</i> , 2009 , 27, 6755-61	4.1	11

64	The race between infection and immunity: how do pathogens set the pace?. <i>Trends in Immunology</i> , 2009 , 30, 61-6	14.4	30
63	The molecular basis for public T-cell responses?. <i>Nature Reviews Immunology</i> , 2008 , 8, 231-8	36.5	246
62	The effect of early versus delayed challenge after vaccination in controlling SHIV 89.6P infection. <i>Virology</i> , 2008 , 381, 75-80	3.6	1
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5	Decay of Fc-dependent antibody functions after mild to moderate COVID-19		6
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