

# Andrew J Mcmichael

## List of Publications by Citations

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179  
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29,939  
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173  
g-index

200  
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32,286  
ext. citations

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L-index

#	Paper	IF	Citations
179	HLA-E binds to natural killer cell receptors CD94/NKG2A, B and C. <i>Nature</i> , <b>1998</b> , 391, 795-9	50.4	1690
178	Memory CD8+ T cells vary in differentiation phenotype in different persistent virus infections. <i>Nature Medicine</i> , <b>2002</b> , 8, 379-85	50.5	1302
177	Common west African HLA antigens are associated with protection from severe malaria. <i>Nature</i> , <b>1991</b> , 352, 595-600	50.4	1273
176	Quantitation of HIV-1-specific cytotoxic T lymphocytes and plasma load of viral RNA. <i>Science</i> , <b>1998</b> , 279, 2103-6	33.3	1247
175	Late escape from an immunodominant cytotoxic T-lymphocyte response associated with progression to AIDS. <i>Nature Medicine</i> , <b>1997</b> , 3, 212-7	50.5	1016
174	A whole-genome association study of major determinants for host control of HIV-1. <i>Science</i> , <b>2007</b> , 317, 944-7	33.3	999
173	Human immunodeficiency virus genetic variation that can escape cytotoxic T cell recognition. <i>Nature</i> , <b>1991</b> , 354, 453-9	50.4	931
172	Skewed maturation of memory HIV-specific CD8 T lymphocytes. <i>Nature</i> , <b>2001</b> , 410, 106-11	50.4	871
171	Cytotoxic T-cell immunity to influenza. <i>New England Journal of Medicine</i> , <b>1983</b> , 309, 13-7	59.2	777
170	HIV-specific CD8(+) T cells produce antiviral cytokines but are impaired in cytolytic function. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 63-75	16.6	768
169	Preexisting influenza-specific CD4+ T cells correlate with disease protection against influenza challenge in humans. <i>Nature Medicine</i> , <b>2012</b> , 18, 274-80	50.5	688
168	The immune response during acute HIV-1 infection: clues for vaccine development. <i>Nature Reviews Immunology</i> , <b>2010</b> , 10, 11-23	36.5	615
167	Rapid effector function in CD8+ memory T cells. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 859-65	16.6	581
166	Molecular analysis of the association of HLA-B53 and resistance to severe malaria. <i>Nature</i> , <b>1992</b> , 360, 434-9	50.4	561
165	The first T cell response to transmitted/founder virus contributes to the control of acute viremia in HIV-1 infection. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1253-72	16.6	500
164	Cellular immune responses to HIV. <i>Nature</i> , <b>2001</b> , 410, 980-7	50.4	498
163	Surface expression of HLA-E, an inhibitor of natural killer cells, enhanced by human cytomegalovirus gpUL40. <i>Science</i> , <b>2000</b> , 287, 1031	33.3	478

162	HIV-1 gag-specific cytotoxic T lymphocytes defined with recombinant vaccinia virus and synthetic peptides. <i>Nature</i> , <b>1988</b> , 336, 484-7	50.4	424
161	Clustered mutations in HIV-1 gag are consistently required for escape from HLA-B27-restricted cytotoxic T lymphocyte responses. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 193, 375-86	16.6	400
160	Large clonal expansions of CD8+ T cells in acute infectious mononucleosis. <i>Nature Medicine</i> , <b>1996</b> , 2, 906-11	50.5	397
159	Crystal structure of the complex between human CD8alpha(alpha) and HLA-A2. <i>Nature</i> , <b>1997</b> , 387, 630-4	50.4	388
158	Cytotoxic T-cell activity antagonized by naturally occurring HIV-1 Gag variants. <i>Nature</i> , <b>1994</b> , 369, 403-7	50.4	387
157	The human major histocompatibility complex class Ib molecule HLA-E binds signal sequence-derived peptides with primary anchor residues at positions 2 and 9. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 1164-9	6.1	382
156	Cytotoxic T lymphocytes recognize a fragment of influenza virus matrix protein in association with HLA-A2. <i>Nature</i> , <b>1987</b> , 326, 881-2	50.4	375
155	Presentation of viral antigen controlled by a gene in the major histocompatibility complex. <i>Nature</i> , <b>1990</b> , 345, 449-52	50.4	355
154	HIV-1-specific mucosal CD8+ lymphocyte responses in the cervix of HIV-1-resistant prostitutes in Nairobi. <i>Journal of Immunology</i> , <b>2000</b> , 164, 1602-11	5.3	334
153	Memory T cells established by seasonal human influenza A infection cross-react with avian influenza A (H5N1) in healthy individuals. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 3478-90	15.9	329
152	HLA-E is expressed on trophoblast and interacts with CD94/NKG2 receptors on decidual NK cells. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 1623-31	6.1	317
151	Common genetic variation and the control of HIV-1 in humans. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000791	6	310
150	Escape of human immunodeficiency virus from immune control. <i>Annual Review of Immunology</i> , <b>1997</b> , 15, 271-96	34.7	294
149	Antigenic oscillations and shifting immunodominance in HIV-1 infections. <i>Nature</i> , <b>1995</b> , 375, 606-11	50.4	293
148	A human lymphocyte-associated antigen involved in cell-mediated lympholysis. <i>European Journal of Immunology</i> , <b>1983</b> , 13, 202-8	6.1	289
147	Escape from the dominant HLA-B27-restricted cytotoxic T-lymphocyte response in Gag is associated with a dramatic reduction in human immunodeficiency virus type 1 replication. <i>Journal of Virology</i> , <b>2007</b> , 81, 12382-93	6.6	274
146	A structural basis for immunodominant human T cell receptor recognition. <i>Nature Immunology</i> , <b>2003</b> , 4, 657-63	19.1	258
145	Effective induction of simian immunodeficiency virus-specific cytotoxic T lymphocytes in macaques by using a multiepitope gene and DNA prime-modified vaccinia virus Ankara boost vaccination regimen. <i>Journal of Virology</i> , <b>1999</b> , 73, 7524-32	6.6	251

144	HIV vaccines. <i>Annual Review of Immunology</i> , <b>2006</b> , 24, 227-55	34.7	242
143	Induction of AIDS virus-specific CTL activity in fresh, unstimulated peripheral blood lymphocytes from rhesus macaques vaccinated with a DNA prime/modified vaccinia virus Ankara boost regimen. <i>Journal of Immunology</i> , <b>2000</b> , 164, 4968-78	5.3	239
142	A new look at T cells. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 1367-71	16.6	238
141	Transmission of single HIV-1 genomes and dynamics of early immune escape revealed by ultra-deep sequencing. <i>PLoS ONE</i> , <b>2010</b> , 5, e12303	3.7	234
140	TAP- and tapasin-dependent HLA-E surface expression correlates with the binding of an MHC class I leader peptide. <i>Current Biology</i> , <b>1998</b> , 8, 1-10	6.3	226
139	HIV vaccines 1983-2003. <i>Nature Medicine</i> , <b>2003</b> , 9, 874-80	50.5	223
138	Induction of Fas ligand expression by HIV involves the interaction of Nef with the T cell receptor zeta chain. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 1489-96	16.6	219
137	Design and pre-clinical evaluation of a universal HIV-1 vaccine. <i>PLoS ONE</i> , <b>2007</b> , 2, e984	3.7	213
136	Induction of multifunctional human immunodeficiency virus type 1 (HIV-1)-specific T cells capable of proliferation in healthy subjects by using a prime-boost regimen of DNA- and modified vaccinia virus Ankara-vectored vaccines expressing HIV-1 Gag coupled to CD8+ T-cell epitopes. <i>Journal of Virology</i> , <b>2006</b> , 80, 4717-28	6.6	210
135	Broadly targeted CD8+ T cell responses restricted by major histocompatibility complex E. <i>Science</i> , <b>2016</b> , 351, 714-20	33.3	201
134	Functions of nonclassical MHC and non-MHC-encoded class I molecules. <i>Current Opinion in Immunology</i> , <b>1999</b> , 11, 100-8	7.8	188
133	A human immunodeficiency virus 1 (HIV-1) clade A vaccine in clinical trials: stimulation of HIV-specific T-cell responses by DNA and recombinant modified vaccinia virus Ankara (MVA) vaccines in humans. <i>Journal of General Virology</i> , <b>2004</b> , 85, 911-919	4.9	187
132	Characterization of the CD4+ T cell response to Epstein-Barr virus during primary and persistent infection. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 198, 903-11	16.6	180
131	Design and construction of an experimental HIV-1 vaccine for a year-2000 clinical trial in Kenya. <i>Nature Medicine</i> , <b>2000</b> , 6, 951-5	50.5	180
130	Evasion of cytotoxic T lymphocyte (CTL) responses by nef-dependent induction of Fas ligand (CD95L) expression on simian immunodeficiency virus-infected cells. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 7-16	16.6	177
129	Structural features impose tight peptide binding specificity in the nonclassical MHC molecule HLA-E. <i>Molecular Cell</i> , <b>1998</b> , 1, 531-41	17.6	165
128	Immune responses in HIV-exposed seronegatives: have they repelled the virus?. <i>Current Opinion in Immunology</i> , <b>1995</b> , 7, 448-55	7.8	161
127	Late seroconversion in HIV-resistant Nairobi prostitutes despite pre-existing HIV-specific CD8+ responses. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 107, 341-9	15.9	159

126	Medicine. The need for a global HIV vaccine enterprise. <i>Science</i> , <b>2003</b> , 300, 2036-9	33.3	158
125	Vaccine-elicited human T cells recognizing conserved protein regions inhibit HIV-1. <i>Molecular Therapy</i> , <b>2014</b> , 22, 464-475	11.7	157
124	Natural T Cell-mediated Protection against Seasonal and Pandemic Influenza. Results of the Flu Watch Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, 1422-31	10.2	156
123	Antigen processing influences HIV-specific cytotoxic T lymphocyte immunodominance. <i>Nature Immunology</i> , <b>2009</b> , 10, 636-46	19.1	153
122	Oligoclonal expansions of CD8(+) T cells in chronic HIV infection are antigen specific. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 785-90	16.6	145
121	Bound water structure and polymorphic amino acids act together to allow the binding of different peptides to MHC class I HLA-B53. <i>Immunity</i> , <b>1996</b> , 4, 215-28	32.3	142
120	T cell cross-reactivity and conformational changes during TCR engagement. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 1455-66	16.6	137
119	Direct visualization of HIV-1-specific cytotoxic T lymphocytes during primary infection. <i>Aids</i> , <b>2000</b> , 14, 225-33	3.5	124
118	Antagonist HIV-1 Gag peptides induce structural changes in HLA B8. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 184, 2279-86	16.6	123
117	Fitness costs and diversity of the cytotoxic T lymphocyte (CTL) response determine the rate of CTL escape during acute and chronic phases of HIV infection. <i>Journal of Virology</i> , <b>2011</b> , 85, 10518-28	6.6	115
116	The T-cell response to HIV. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2012</b> , 2,	5.4	114
115	T cell responses and viral escape. <i>Cell</i> , <b>1998</b> , 93, 673-6	56.2	111
114	Clinical experience with plasmid DNA- and modified vaccinia virus Ankara-vectored human immunodeficiency virus type 1 clade A vaccine focusing on T-cell induction. <i>Journal of General Virology</i> , <b>2007</b> , 88, 1-12	4.9	110
113	HIV-Host Interactions: Implications for Vaccine Design. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 292-303	23.4	108
112	BirA enzyme: production and application in the study of membrane receptor-ligand interactions by site-specific biotinylation. <i>Analytical Biochemistry</i> , <b>1999</b> , 266, 9-15	3.1	98
111	HIV-specific cytotoxic T cells from long-term survivors select a unique T cell receptor. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 1547-57	16.6	96
110	Crystal structures and KIR3DL1 recognition of three immunodominant viral peptides complexed to HLA-B*2705. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 341-51	6.1	94
109	Rapid Death of Adoptively Transferred T Cells in Acquired Immunodeficiency Syndrome. <i>Blood</i> , <b>1999</b> , 93, 1506-1510	2.2	90

108	Effective induction of HIV-specific CTL by multi-epitope using gene gun in a combined vaccination regime. <i>Vaccine</i> , <b>1999</b> , 17, 589-96	4.1	85
107	Conflicting selective forces affect T cell receptor contacts in an immunodominant human immunodeficiency virus epitope. <i>Nature Immunology</i> , <b>2006</b> , 7, 179-89	19.1	83
106	Pre-clinical development of a multi-CTL epitope-based DNA prime MVA boost vaccine for AIDS. <i>Immunology Letters</i> , <b>1999</b> , 66, 177-81	4.1	83
105	Immune perturbations in HIV-1-infected individuals who make broadly neutralizing antibodies. <i>Science Immunology</i> , <b>2016</b> , 1, aag0851	28	82
104	Novel Conserved-region T-cell Mosaic Vaccine With High Global HIV-1 Coverage Is Recognized by Protective Responses in Untreated Infection. <i>Molecular Therapy</i> , <b>2016</b> , 24, 832-42	11.7	80
103	Relationship between functional profile of HIV-1 specific CD8 T cells and epitope variability with the selection of escape mutants in acute HIV-1 infection. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1001273	7.6	78
102	The role of HLA-B27 in spondyloarthritis. <i>Immunogenetics</i> , <b>1999</b> , 50, 220-7	3.2	72
101	Lessons learned from HIV-1 vaccine trials: new priorities and directions. <i>Nature Immunology</i> , <b>2012</b> , 13, 423-7	19.1	70
100	The effects of natural altered peptide ligands on the whole blood cytotoxic T lymphocyte response to human immunodeficiency virus. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 1927-31	6.1	68
99	Relative rate and location of intra-host HIV evolution to evade cellular immunity are predictable. <i>Nature Communications</i> , <b>2016</b> , 7, 11660	17.4	68
98	Peptide anchor residue glycosylation: effect on class I major histocompatibility complex binding and cytotoxic T lymphocyte recognition. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 3270-6	6.1	67
97	Immunogenicities of intravenous and intramuscular administrations of modified vaccinia virus Ankara-based multi-CTL epitope vaccine for human immunodeficiency virus type 1 in mice. <i>Journal of General Virology</i> , <b>1998</b> , 79 ( Pt 1), 83-90	4.9	67
96	Elevation of intact and proteolytic fragments of acute phase proteins constitutes the earliest systemic antiviral response in HIV-1 infection. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000893	7.6	64
95	A DNA/MVA-based candidate human immunodeficiency virus vaccine for Kenya induces multi-specific T cell responses in rhesus macaques. <i>Journal of General Virology</i> , <b>2002</b> , 83, 75-80	4.9	64
94	Ex vivo phenotype and frequency of influenza virus-specific CD4 memory T cells. <i>Journal of Virology</i> , <b>2004</b> , 78, 7284-7	6.6	63
93	Design and validation of an enzyme-linked immunospot assay for use in clinical trials of candidate HIV vaccines. <i>AIDS Research and Human Retroviruses</i> , <b>2002</b> , 18, 611-8	1.6	62
92	Peptide selection by class I molecules of the major histocompatibility complex. <i>Current Biology</i> , <b>1993</b> , 3, 854-66	6.3	61
91	Proteome-wide analysis of HIV-specific naive and memory CD4(+) T cells in unexposed blood donors. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 1273-80	16.6	60

90	HIV/AIDS. HLA leaves its footprints on HIV. <i>Science</i> , <b>2002</b> , 296, 1410-1	33.3	59
89	Cytotoxic T cell recognition of Epstein-Barr virus-infected B cells. II. Blocking studies with monoclonal antibodies to HLA determinants. <i>European Journal of Immunology</i> , <b>1981</b> , 11, 694-9	6.1	59
88	Vaccines that stimulate T cell immunity to HIV-1: the next step. <i>Nature Immunology</i> , <b>2014</b> , 15, 319-22	19.1	57
87	Protective efficacy of serially up-ranked subdominant CD8+ T cell epitopes against virus challenges. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002041	7.6	56
86	High levels of virus-specific CD4+ T cells predict severe pandemic influenza A virus infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 1292-7	10.2	54
85	Effects of monoclonal antibodies to the alpha and beta chains of the human lymphocyte function-associated (H-LFA-1) antigen on T lymphocyte functions. <i>European Journal of Immunology</i> , <b>1985</b> , 15, 888-92	6.1	53
84	An early HIV mutation within an HLA-B*57-restricted T cell epitope abrogates binding to the killer inhibitory receptor 3DL1. <i>Journal of Virology</i> , <b>2011</b> , 85, 5415-22	6.6	48
83	Class I cross-restricted T cells reveal low responder allele due to processing of viral antigen. <i>Nature</i> , <b>1989</b> , 337, 653-5	50.4	47
82	Requirement of the proteasome for the trimming of signal peptide-derived epitopes presented by the nonclassical major histocompatibility complex class I molecule HLA-E. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 33747-52	5.4	46
81	Cytotoxic T-cell abundance and virus load in human immunodeficiency virus type 1 and human T-cell leukaemia virus type 1. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2001</b> , 268, 1215-21	4.4	46
80	CD4 T Follicular Helper Cells in Human Tonsils and Blood Are Clonally Convergent but Divergent from Non-Tfh CD4 Cells. <i>Cell Reports</i> , <b>2020</b> , 30, 137-152.e5	10.6	46
79	Tracking HIV-1 recombination to resolve its contribution to HIV-1 evolution in natural infection. <i>Nature Communications</i> , <b>2018</b> , 9, 1928	17.4	46
78	Lessons from IAVI-006, a phase I clinical trial to evaluate the safety and immunogenicity of the pThr.HIVA DNA and MVA.HIVA vaccines in a prime-boost strategy to induce HIV-1 specific T-cell responses in healthy volunteers. <i>Vaccine</i> , <b>2008</b> , 26, 6671-7	4.1	45
77	Cytotoxic T lymphocytes specific for influenza virus. <i>Current Topics in Microbiology and Immunology</i> , <b>1994</b> , 189, 75-91	3.3	45
76	Identification of T cell receptor recognition residues for a viral peptide presented by HLA B27. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 2357-63	6.1	39
75	M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. <i>JCI Insight</i> , <b>2017</b> , 2, e91868	9.9	39
74	Characterization of the HLA-A2.2 subtype: T cell evidence for further heterogeneity. <i>Immunogenetics</i> , <b>1985</b> , 21, 11-23	3.2	37
73	Epitope specificity of clonally expanded populations of CD8+ T cells found within the joints of patients with inflammatory arthritis. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 2038-45		36

72	Homocysteine modification of HLA antigens and its immunological consequences. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 1443-50	6.1	36
71	The Role of MHC-E in T Cell Immunity Is Conserved among Humans, Rhesus Macaques, and Cynomolgus Macaques. <i>Journal of Immunology</i> , <b>2018</b> , 200, 49-60	5.3	35
70	Pathogen-derived HLA-E bound epitopes reveal broad primary anchor pocket tolerability and conformationally malleable peptide binding. <i>Nature Communications</i> , <b>2018</b> , 9, 3137	17.4	33
69	Prime-boost regimens with adjuvanted synthetic long peptides elicit T cells and antibodies to conserved regions of HIV-1 in macaques. <i>Aids</i> , <b>2012</b> , 26, 275-84	3.5	33
68	Mechanisms of protection induced by attenuated simian immunodeficiency virus. II. Lymphocyte depletion does not abrogate protection. <i>AIDS Research and Human Retroviruses</i> , <b>1998</b> , 14, 1187-98	1.6	33
67	Differences in HIV-specific T cell responses between HIV-exposed and -unexposed HIV-seronegative individuals. <i>Journal of Virology</i> , <b>2011</b> , 85, 3507-16	6.6	32
66	Combined structural and immunological refinement of HIV-1 HLA-B8-restricted cytotoxic T lymphocyte epitopes. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 1515-21	6.1	29
65	Production, crystallization, and preliminary X-ray analysis of the human MHC class Ib molecule HLA-E. <i>Protein Science</i> , <b>1998</b> , 7, 1264-6	6.3	29
64	Production and crystallization of MHC class I B allele single peptide complexes. <i>FEBS Letters</i> , <b>1996</b> , 383, 119-23	3.8	28
63	An antigen processing polymorphism revealed by HLA-B8-restricted cytotoxic T lymphocytes which does not correlate with TAP gene polymorphism. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 1999-2004	6.1	27
62	Contribution of proteasome-catalyzed peptide -splicing to viral targeting by CD8 T cells in HIV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24748-24759	11.5	27
61	Lack of Truncated IFITM3 Transcripts in Cells Homozygous for the rs12252-C Variant That is Associated With Severe Influenza Infection. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 257-262	7	26
60	Genetics. First-class control of HIV-1. <i>Science</i> , <b>2010</b> , 330, 1488-90	33.3	26
59	Temporal Dynamics of CD8+ T Cell Effector Responses during Primary HIV Infection. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005805	7.6	26
58	Casting a wider net: Immunosurveillance by nonclassical MHC molecules. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007567	7.6	26
57	The arrival of HLA class II tetramers. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 1669-70	15.9	25
56	Differential processing of influenza nucleoprotein in human and mouse cells. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 625-35	6.1	24
55	Increased detection of proliferating, polyfunctional, HIV-1-specific T cells in DNA-modified vaccinia virus Ankara-vaccinated human volunteers by cultured IFN-gamma ELISPOT assay. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 975-85	6.1	22



54	Induction of long-lasting multi-specific CD8+ T cells by a four-component DNA-MVA/HIVA-RENTA candidate HIV-1 vaccine in rhesus macaques. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 2574-84	6.1	22
53	The dynamics of the cellular immune response to HIV infection: implications for vaccination. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2000</b> , 355, 1007-11	5.8	21
52	Novel HIV-1 clade B candidate vaccines designed for HLA-B*5101(+) patients protected mice against chimaeric ecotropic HIV-1 challenge. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 1831-40	6.1	20
51	The antiviral efficacy of HIV-specific CD8+ T-cells to a conserved epitope is heavily dependent on the infecting HIV-1 isolate. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1001341	7.6	20
50	A review of vaccines for HIV prevention. <i>Journal of Gene Medicine</i> , <b>2003</b> , 5, 3-10	3.5	20
49	An immunodominant NP-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. <i>Nature Immunology</i> , <b>2021</b> ,	19.1	19
48	New templates for HIV-1 antibody-based vaccine design. <i>F1000 Biology Reports</i> , <b>2010</b> , 2, 60		19
47	Evidence for the persistence of monoclonal expansions of CD8+ T cells following primary simian immunodeficiency virus infection. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 1172-80	6.1	18
46	Importance of a conserved TCR J alpha-encoded tyrosine for T cell recognition of an HLA B27/peptide complex. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 2704-13	6.1	18
45	HIV-1 Conserved Mosaics Delivered by Regimens with Integration-Deficient DC-Targeting Lentiviral Vector Induce Robust T Cells. <i>Molecular Therapy</i> , <b>2017</b> , 25, 494-503	11.7	15
44	Proof-of-Principle for Immune Control of Global HIV-1 Reactivation In Vivo. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 120-8	11.6	14
43	Selection of T cell receptor variable gene-encoded amino acids on the third binding site loop: a factor influencing variable chain selection in a T cell response. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 1529-34	6.1	14
42	Lysis of allogeneic human lymphocytes by nonspecifically activated T-like cells. <i>European Journal of Immunology</i> , <b>1982</b> , 12, 1002-5	6.1	14
41	Rapid Death of Adoptively Transferred T Cells in Acquired Immunodeficiency Syndrome. <i>Blood</i> , <b>1999</b> , 93, 1506-1510	2.2	14
40	Triple bypass: complicated paths to HIV escape. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 2785-8	16.6	12
39	Expression and function of HLA-B27 in lipid-linked form: implications for cytotoxic T lymphocyte-induced apoptosis signal transduction. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 653-8	6.1	12
38	Preexisting compensatory amino acids compromise fitness costs of a HIV-1 T cell escape mutation. <i>Retrovirology</i> , <b>2014</b> , 11, 101	3.6	11
37	Effects of retroviral protease inhibitors on proteasome function and processing of HIV-derived MHC class I-restricted cytotoxic T lymphocyte epitopes. <i>AIDS Research and Human Retroviruses</i> , <b>2001</b> , 17, 1063-6	1.6	11

36	A cross-species functional interaction between the murine major histocompatibility complex class I alpha 3 domain and human CD8 revealed by peptide-specific cytotoxic T lymphocytes. <i>European Journal of Immunology</i> , <b>1992</b> , 22, 1643-6	6.1	11
35	T cell receptor usage in infectious disease. <i>Seminars in Immunopathology</i> , <b>1999</b> , 21, 37-54		10
34	Natural selection at work on the surface of virus-infected cells. <i>Science</i> , <b>1993</b> , 260, 1771-2	33.3	10
33	Identification of novel HIV-1-derived HLA-E-binding peptides. <i>Immunology Letters</i> , <b>2018</b> , 202, 65-72	4.1	10
32	AIDS/HIV. Finding footprints among the trees. <i>Science</i> , <b>2007</b> , 315, 1505-7	33.3	9
31	Comparison of neutralizing antibody responses elicited from highly diverse polyvalent heterotrimeric HIV-1 gp140 cocktail immunogens versus a monovalent counterpart in rhesus macaques. <i>PLoS ONE</i> , <b>2014</b> , 9, e114709	3.7	9
30	Detailed and atypical HLA-E peptide binding motifs revealed by a novel peptide exchange binding assay. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 2075-2091	6.1	9
29	Unusual antigen presentation offers new insight into HIV vaccine design. <i>Current Opinion in Immunology</i> , <b>2017</b> , 46, 75-81	7.8	8
28	Capturing the antigen landscape: HLA-E, CD1 and MR1. <i>Current Opinion in Immunology</i> , <b>2019</b> , 59, 121-129	7.8	8
27	Is a Human CD8 T-Cell Vaccine Possible, and if So, What Would It Take? Could a CD8 T-Cell Vaccine Prevent Persistent HIV Infection?. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2018</b> , 10,	10.2	8
26	Reversion and T cell escape mutations compensate the fitness loss of a CD8+ T cell escape mutant in their cognate transmitted/founder virus. <i>PLoS ONE</i> , <b>2014</b> , 9, e102734	3.7	8
25	Cytotoxic T lymphocytes: specificity, surveillance, and escape. <i>Advances in Cancer Research</i> , <b>1992</b> , 59, 227-44	5.9	8
24	Cytotoxic T lymphocytes and immune surveillance. <i>Cancer Surveys</i> , <b>1992</b> , 13, 5-21		8
23	Engagement of a T cell receptor by major histocompatibility complex irrespective of peptide. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 879-85	6.1	7
22	HLA B27: a disease-associated immune response gene. <i>Research in Immunology</i> , <b>1991</b> , 142, 475-82		7
21	Role of class I molecules of the major histocompatibility complex in cytotoxic T-cell function in health and disease. <i>Seminars in Immunopathology</i> , <b>1992</b> , 14, 1-16		6
20	HLA-E-restricted, Gag-specific CD8 T cells can suppress HIV-1 infection, offering vaccine opportunities. <i>Science Immunology</i> , <b>2021</b> , 6,	28	5
19	Topological perspective on HIV escape. <i>Science</i> , <b>2019</b> , 364, 438-439	33.3	4

18	How viruses hide from T cells. <i>Trends in Microbiology</i> , <b>1997</b> , 5, 211-2; discussion 212-3	12.4	4
17	Introduction: Presentation of viral antigens to cytotoxic T cells. <i>Seminars in Virology</i> , <b>1996</b> , 7, 1-2		4
16	A strongly selected mutation in the HIV-1 genome is independent of T cell responses and neutralizing antibodies. <i>Retrovirology</i> , <b>2017</b> , 14, 46	3.6	2
15	From influenza to HIV--and back?. <i>Nature Immunology</i> , <b>2007</b> , 8, 1149-51	19.1	2
14	Recognition of viral antigens at the cell surface. <i>Cancer Surveys</i> , <b>1995</b> , 22, 51-62		2
13	Interrogating the recognition landscape of a conserved HIV-specific TCR reveals distinct bacterial peptide cross-reactivity. <i>ELife</i> , <b>2020</b> , 9,	8.9	2
12	T cell receptor usage in infectious disease <b>1999</b> , 21, 37		2
11	Detailed and atypical HLA-E peptide binding motifs revealed by a novel peptide exchange binding assay		2
10	Legacy of the influenza pandemic 1918: The host T cell response. <i>Biomedical Journal</i> , <b>2018</b> , 41, 242-248	7.1	2
9	Antisense-Derived HIV-1 Cryptic Epitopes Are Not Major Drivers of Viral Evolution during the Acute Phase of Infection. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	1
8	Ita Askonas and her influence in the field of antigen presentation. <i>Current Opinion in Immunology</i> , <b>2014</b> , 26, 111-4	7.8	1
7	HIV-1 vaccines: let $\beta$ get physical. <i>Immunity</i> , <b>2013</b> , 38, 410-3	32.3	1
6	Simplification of two-dimensional gel patterns of HLA class II antigens. <i>Tissue Antigens</i> , <b>1986</b> , 28, 72-83		1
5	Mouse and human antibodies bind HLA-E-leader peptide complexes and enhance NK cell cytotoxicity.. <i>Communications Biology</i> , <b>2022</b> , 5, 271	6.7	1
4	Identification and Characterisation of Derp1-Specific CD8+ T Cells in the Peripheral Blood of Atopic Individuals. <i>Clinical Science</i> , <b>2002</b> , 103, 2P-2P		
3	The use of tetramers in the quantitative analysis of T-cell responses. <i>Methods in Microbiology</i> , <b>2002</b> , 125-186		
2	Immune Escape in Hiv Infection. <i>Clinical Science</i> , <b>1995</b> , 88, 31P-31P		
1	Brigitte Alice Askonas. 1 April 1923– January 2013. <i>Biographical Memoirs of Fellows of the Royal Society</i> , <b>2018</b> , 65, 31-45	0.1	

