

Marcus Altfeld

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#	Paper	IF	Citations
299	PD-1 expression on HIV-specific T cells is associated with T-cell exhaustion and disease progression. <i>Nature</i> , 2006 , 443, 350-4	50.4	2001
298	CD107a as a functional marker for the identification of natural killer cell activity. <i>Journal of Immunological Methods</i> , 2004 , 294, 15-22	2.5	1005
297	The major genetic determinants of HIV-1 control affect HLA class I peptide presentation. <i>Science</i> , 2010 , 330, 1551-7	33.3	884
296	Immune control of HIV-1 after early treatment of acute infection. <i>Nature</i> , 2000 , 407, 523-6	50.4	856
295	HIV evolution: CTL escape mutation and reversion after transmission. <i>Nature Medicine</i> , 2004 , 10, 282-9	50.5	698
294	Dominant influence of HLA-B in mediating the potential co-evolution of HIV and HLA. <i>Nature</i> , 2004 , 432, 769-75	50.4	681
293	Comprehensive epitope analysis of human immunodeficiency virus type 1 (HIV-1)-specific T-cell responses directed against the entire expressed HIV-1 genome demonstrate broadly directed responses, but no correlation to viral load. <i>Journal of Virology</i> , 2003 , 77, 2081-92	6.6	587
292	Evolution and transmission of stable CTL escape mutations in HIV infection. <i>Nature</i> , 2001 , 412, 334-8	50.4	488
291	Sex differences in the Toll-like receptor-mediated response of plasmacytoid dendritic cells to HIV-1. <i>Nature Medicine</i> , 2009 , 15, 955-9	50.5	412
290	Differential natural killer cell-mediated inhibition of HIV-1 replication based on distinct KIR/HLA subtypes. <i>Journal of Experimental Medicine</i> , 2007 , 204, 3027-36	16.6	356
289	Cellular immune responses and viral diversity in individuals treated during acute and early HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2001 , 193, 169-80	16.6	334
288	Antiretroviral-free HIV-1 remission and viral rebound after allogeneic stem cell transplantation: report of 2 cases. <i>Annals of Internal Medicine</i> , 2014 , 161, 319-27	8	304
287	Control of human viral infections by natural killer cells. <i>Annual Review of Immunology</i> , 2013 , 31, 163-94	34.7	303
286	Loss of HIV-1-specific CD8+ T cell proliferation after acute HIV-1 infection and restoration by vaccine-induced HIV-1-specific CD4+ T cells. <i>Journal of Experimental Medicine</i> , 2004 , 200, 701-12	16.6	293
285	HIV-1 superinfection despite broad CD8+ T-cell responses containing replication of the primary virus. <i>Nature</i> , 2002 , 420, 434-9	50.4	293
284	Phase 1 Trials of rVSV Ebola Vaccine in Africa and Europe. <i>New England Journal of Medicine</i> , 2016 , 374, 1647-60	59.2	282
283	Selective escape from CD8+ T-cell responses represents a major driving force of human immunodeficiency virus type 1 (HIV-1) sequence diversity and reveals constraints on HIV-1 evolution. <i>Journal of Virology</i> , 2005 , 79, 13239-49	6.6	277

282	Influence of HLA-B57 on clinical presentation and viral control during acute HIV-1 infection. <i>Aids</i> , 2003 , 17, 2581-91	3.5	274
281	Whole genome deep sequencing of HIV-1 reveals the impact of early minor variants upon immune recognition during acute infection. <i>PLoS Pathogens</i> , 2012 , 8, e1002529	7.6	270
280	Sequential deregulation of NK cell subset distribution and function starting in acute HIV-1 infection. <i>Blood</i> , 2005 , 106, 3366-9	2.2	265
279	Relative dominance of Gag p24-specific cytotoxic T lymphocytes is associated with human immunodeficiency virus control. <i>Journal of Virology</i> , 2006 , 80, 3122-5	6.6	254
278	HIV-1 adaptation to NK-cell-mediated immune pressure. <i>Nature</i> , 2011 , 476, 96-100	50.4	251
277	HLA Alleles Associated with Delayed Progression to AIDS Contribute Strongly to the Initial CD8(+) T Cell Response against HIV-1. <i>PLoS Medicine</i> , 2006 , 3, e403	11.6	247
276	Characteristics of the earliest cross-neutralizing antibody response to HIV-1. <i>PLoS Pathogens</i> , 2011 , 7, e1001251	7.6	241
275	Immune selection for altered antigen processing leads to cytotoxic T lymphocyte escape in chronic HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2004 , 199, 905-15	16.6	240
274	Clustering patterns of cytotoxic T-lymphocyte epitopes in human immunodeficiency virus type 1 (HIV-1) proteins reveal imprints of immune evasion on HIV-1 global variation. <i>Journal of Virology</i> , 2002 , 76, 8757-68	6.6	223
273	Effects of thymic selection of the T-cell repertoire on HLA class I-associated control of HIV infection. <i>Nature</i> , 2010 , 465, 350-4	50.4	218
272	Selection, transmission, and reversion of an antigen-processing cytotoxic T-lymphocyte escape mutation in human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , 2004 , 78, 7069-78	6.6	216
271	MyD88-dependent immune activation mediated by human immunodeficiency virus type 1-encoded Toll-like receptor ligands. <i>Journal of Virology</i> , 2007 , 81, 8180-91	6.6	207
270	Control of human immunodeficiency virus replication by cytotoxic T lymphocytes targeting subdominant epitopes. <i>Nature Immunology</i> , 2006 , 7, 173-8	19.1	193
269	Antigen load and viral sequence diversification determine the functional profile of HIV-1-specific CD8+ T cells. <i>PLoS Medicine</i> , 2008 , 5, e100	11.6	181
268	Antigen-specific NK cell memory in rhesus macaques. <i>Nature Immunology</i> , 2015 , 16, 927-32	19.1	176
267	Standardization of cytokine flow cytometry assays. <i>BMC Immunology</i> , 2005 , 6, 13	3.7	172
266	AIDS restriction HLA allotypes target distinct intervals of HIV-1 pathogenesis. <i>Nature Medicine</i> , 2005 , 11, 1290-2	50.5	171
265	The HIV-1 regulatory proteins Tat and Rev are frequently targeted by cytotoxic T lymphocytes derived from HIV-1-infected individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 1781-6	11.5	167

264	Comprehensive analysis of human immunodeficiency virus type 1-specific CD4 responses reveals marked immunodominance of gag and nef and the presence of broadly recognized peptides. <i>Journal of Virology</i> , 2004 , 78, 4463-77	6.6	157
263	Human immunodeficiency virus type 1-specific CD8+ T-cell responses during primary infection are major determinants of the viral set point and loss of CD4+ T cells. <i>Journal of Virology</i> , 2009 , 83, 7641-8	6.6	153
262	Coordinate linkage of HIV evolution reveals regions of immunological vulnerability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 11530-5	11.5	153
261	DCs and NK cells: critical effectors in the immune response to HIV-1. <i>Nature Reviews Immunology</i> , 2011 , 11, 176-86	36.5	152
260	Marked epitope- and allele-specific differences in rates of mutation in human immunodeficiency type 1 (HIV-1) Gag, Pol, and Nef cytotoxic T-lymphocyte epitopes in acute/early HIV-1 infection. <i>Journal of Virology</i> , 2008 , 82, 9216-27	6.6	152
259	HIV-1-specific interleukin-21+ CD4+ T cell responses contribute to durable viral control through the modulation of HIV-specific CD8+ T cell function. <i>Journal of Virology</i> , 2011 , 85, 733-41	6.6	151
258	HLA class I subtype-dependent expansion of KIR3DS1+ and KIR3DL1+ NK cells during acute human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , 2009 , 83, 6798-805	6.6	149
257	Open conformers of HLA-F are high-affinity ligands of the activating NK-cell receptor KIR3DS1. <i>Nature Immunology</i> , 2016 , 17, 1067-74	19.1	138
256	Sex, race, and geographic region influence clinical outcomes following primary HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2011 , 203, 442-51	7	132
255	Rapid reversion of sequence polymorphisms dominates early human immunodeficiency virus type 1 evolution. <i>Journal of Virology</i> , 2007 , 81, 193-201	6.6	132
254	The role of CD4(+) T helper cells in the cytotoxic T lymphocyte response to HIV-1. <i>Current Opinion in Immunology</i> , 2000 , 12, 375-80	7.8	130
253	Sex Differences in Plasmacytoid Dendritic Cell Levels of IRF5 Drive Higher IFN- β Production in Women. <i>Journal of Immunology</i> , 2015 , 195, 5327-36	5.3	129
252	NK cells in HIV-1 infection: evidence for their role in the control of HIV-1 infection. <i>Journal of Internal Medicine</i> , 2009 , 265, 29-42	10.8	128
251	Enhanced detection of human immunodeficiency virus type 1-specific T-cell responses to highly variable regions by using peptides based on autologous virus sequences. <i>Journal of Virology</i> , 2003 , 77, 7330-40	6.6	127
250	Limited durability of viral control following treated acute HIV infection. <i>PLoS Medicine</i> , 2004 , 1, e36	11.6	126
249	Innate immunity against HIV-1 infection. <i>Nature Immunology</i> , 2015 , 16, 554-62	19.1	125
248	Comparison of overlapping peptide sets for detection of antiviral CD8 and CD4 T cell responses. <i>Journal of Immunological Methods</i> , 2003 , 275, 19-29	2.5	120
247	Consistent patterns in the development and immunodominance of human immunodeficiency virus type 1 (HIV-1)-specific CD8+ T-cell responses following acute HIV-1 infection. <i>Journal of Virology</i> , 2002 , 76, 8690-701	6.6	120

246	De novo generation of escape variant-specific CD8+ T-cell responses following cytotoxic T-lymphocyte escape in chronic human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , 2005 , 79, 12952-60	6.6	117
245	Innate immune activation enhances hiv acquisition in women, diminishing the effectiveness of tenofovir microbicide gel. <i>Journal of Infectious Diseases</i> , 2012 , 206, 993-1001	7	116
244	Evolution of innate and adaptive effector cell functions during acute HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1452-60	7	115
243	Functionally inert HIV-specific cytotoxic T lymphocytes do not play a major role in chronically infected adults and children. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1819-32	16.6	115
242	HIV-1-specific cytotoxicity is preferentially mediated by a subset of CD8(+) T cells producing both interferon-gamma and tumor necrosis factor-alpha. <i>Blood</i> , 2004 , 104, 487-94	2.2	111
241	Recognition of a defined region within p24 gag by CD8+ T cells during primary human immunodeficiency virus type 1 infection in individuals expressing protective HLA class I alleles. <i>Journal of Virology</i> , 2007 , 81, 7725-31	6.6	106
240	Increased natural killer cell activity in viremic HIV-1 infection. <i>Journal of Immunology</i> , 2004 , 173, 5305-11	5.3	104
239	Selective depletion of high-avidity human immunodeficiency virus type 1 (HIV-1)-specific CD8+ T cells after early HIV-1 infection. <i>Journal of Virology</i> , 2007 , 81, 4199-214	6.6	103
238	Early selection in Gag by protective HLA alleles contributes to reduced HIV-1 replication capacity that may be largely compensated for in chronic infection. <i>Journal of Virology</i> , 2010 , 84, 11937-49	6.6	101
237	Protective HLA class I alleles that restrict acute-phase CD8+ T-cell responses are associated with viral escape mutations located in highly conserved regions of human immunodeficiency virus type 1. <i>Journal of Virology</i> , 2009 , 83, 1845-55	6.6	99
236	HIV-1 viral escape in infancy followed by emergence of a variant-specific CTL response. <i>Journal of Immunology</i> , 2005 , 174, 7524-30	5.3	99
235	Reactivation of hepatitis B in a long-term anti-HBs-positive patient with AIDS following lamivudine withdrawal. <i>Journal of Hepatology</i> , 1998 , 29, 306-9	13.4	98
234	Vpr is preferentially targeted by CTL during HIV-1 infection. <i>Journal of Immunology</i> , 2001 , 167, 2743-52	5.3	98
233	Sex-based differences in HIV type 1 pathogenesis. <i>Journal of Infectious Diseases</i> , 2014 , 209 Suppl 3, S86-92		94
232	HIV-1 Nef is preferentially recognized by CD8 T cells in primary HIV-1 infection despite a relatively high degree of genetic diversity. <i>Aids</i> , 2004 , 18, 1383-92	3.5	90
231	Sex differences in infectious diseases-common but neglected. <i>Journal of Infectious Diseases</i> , 2014 , 209 Suppl 3, S79-80	7	89
230	Reduced frequencies of NKp30+NKp46+, CD161+, and NKG2D+ NK cells in acute HCV infection may predict viral clearance. <i>Journal of Hepatology</i> , 2011 , 55, 278-88	13.4	87
229	Single-stranded RNA derived from HIV-1 serves as a potent activator of NK cells. <i>Journal of Immunology</i> , 2007 , 178, 7658-66	5.3	87

228	HIV-1 specific CD8+ T cells with an effector phenotype and control of viral replication. <i>Lancet, The</i> , 2004 , 363, 863-6	40	86
227	Rapid evolution of HIV-1 to functional CD8+ T cell responses in humanized BLT mice. <i>Science Translational Medicine</i> , 2012 , 4, 143ra98	17.5	84
226	Immune-driven recombination and loss of control after HIV superinfection. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1789-96	16.6	83
225	Fully differentiated HIV-1 specific CD8+ T effector cells are more frequently detectable in controlled than in progressive HIV-1 infection. <i>PLoS ONE</i> , 2007 , 2, e321	3.7	82
224	A viral CTL escape mutation leading to immunoglobulin-like transcript 4-mediated functional inhibition of myelomonocytic cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2813-24	16.6	80
223	Hitting HIV where it hurts: an alternative approach to HIV vaccine design. <i>Trends in Immunology</i> , 2006 , 27, 504-10	14.4	80
222	The viral set point in primary HIV infection is associated with specific amino acids in position 97 of MHC class I. <i>Retrovirology</i> , 2012 , 9,	3.6	78
221	Frequent and strong antibody-mediated NK cell activation to HIV-1 Env in individuals with chronic HIV-1 infection. <i>Retrovirology</i> , 2012 , 9,	3.6	78
220	Tim-3-mediated signaling in NK cells may be modulated by increased Galectin-9 expression in HIV-1 infection. <i>Retrovirology</i> , 2012 , 9,	3.6	78
219	HLA-Cw*0102-restricted HIV-1 p24 epitope variants can modulate the binding of the inhibitory KIR2DL2 receptor and primary NK cell function. <i>Retrovirology</i> , 2012 , 9,	3.6	78
218	KIR-HLA footprints and NK cell-mediated recognition of HIV-1. <i>Retrovirology</i> , 2012 , 9,	3.6	78
217	Implications of post-translational modifications of IRF7 on pDC IFN-alpha response. <i>Retrovirology</i> , 2012 , 9,	3.6	78
216	HIV-1 p24 derived epitopes modulate KIR2DL2-binding to HLA-Cw03. <i>Retrovirology</i> , 2012 , 9,	3.6	78
215	OA031-04. Impairment of HIV-1-specific CD8+ T cell function by soluble epithelial adhesion molecules. <i>Retrovirology</i> , 2009 , 6,	3.6	78
214	P10-01. MHC class I chain-related protein A shedding in chronic HIV-1 infection is associated with profound NK cell dysfunction. <i>Retrovirology</i> , 2009 , 6,	3.6	78
213	P10-11. NK cells do not accumulate at sites of HIV-replication but show increased activation. <i>Retrovirology</i> , 2009 , 6,	3.6	78
212	P09-10. Impact of CTL escape mutations in HIV-1 Nef on viral replication. <i>Retrovirology</i> , 2009 , 6,	3.6	78
211	OA011-05. TLR-mediated pDC responses to HIV-1 ligands. <i>Retrovirology</i> , 2009 , 6,	3.6	78

210	P16-12. Relative dominance of Gag-specific cytotoxic T lymphocytes is associated with viral load inversely in HIV-1 clade BPIinfected Chinese. <i>Retrovirology</i> , 2009 , 6,	3.6	78
209	P16-18. Regulatory T cell frequencies correlate with T cell activation in chronic HIV-1 infection. <i>Retrovirology</i> , 2009 , 6,	3.6	78
208	P04-15. Prevalence of broadly neutralizing antibody responses during acute/early HIV infection. <i>Retrovirology</i> , 2009 , 6,	3.6	78
207	IL-8 responsiveness defines a subset of CD8 T cells poised to kill. <i>Blood</i> , 2004 , 104, 3463-71	2.2	73
206	Implications of Sex Differences in Immunity for SARS-CoV-2 Pathogenesis and Design of Therapeutic Interventions. <i>Immunity</i> , 2020 , 53, 487-495	32.3	73
205	Upregulation of PD-L1 on monocytes and dendritic cells by HIV-1 derived TLR ligands. <i>Aids</i> , 2008 , 22, 655-8	3.5	72
204	Innate immune activation in primary HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2010 , 202 Suppl 2, S297-301	7	71
203	Immunological and virological impact of highly active antiretroviral therapy initiated during acute HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2006 , 194, 734-9	7	71
202	Mutually exclusive T-cell receptor induction and differential susceptibility to human immunodeficiency virus type 1 mutational escape associated with a two-amino-acid difference between HLA class I subtypes. <i>Journal of Virology</i> , 2007 , 81, 1619-31	6.6	71
201	Differences in the Selection Bottleneck between Modes of Sexual Transmission Influence the Genetic Composition of the HIV-1 Founder Virus. <i>PLoS Pathogens</i> , 2016 , 12, e1005619	7.6	70
200	Systems Vaccinology Identifies an Early Innate Immune Signature as a Correlate of Antibody Responses to the Ebola Vaccine rVSV-ZEBOV. <i>Cell Reports</i> , 2017 , 20, 2251-2261	10.6	67
199	HIV-1 infection induces strong production of IP-10 through TLR7/9-dependent pathways. <i>Aids</i> , 2013 , 27, 2505-17	3.5	66
198	Follicular Dendritic Cells Retain Infectious HIV in Cycling Endosomes. <i>PLoS Pathogens</i> , 2015 , 11, e10052856	5.6	66
197	Higher expression of several interferon-stimulated genes in HIV-1-infected females after adjusting for the level of viral replication. <i>Journal of Infectious Diseases</i> , 2013 , 208, 830-8	7	65
196	IL-10 induces aberrant deletion of dendritic cells by natural killer cells in the context of HIV infection. <i>Journal of Clinical Investigation</i> , 2010 , 120, 1905-13	15.9	64
195	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
194	Early preservation of CXCR5+ PD-1+ helper T cells and B cell activation predict the breadth of neutralizing antibody responses in chronic HIV-1 infection. <i>Journal of Virology</i> , 2014 , 88, 13310-21	6.6	63
193	HLA-B63 presents HLA-B57/B58-restricted cytotoxic T-lymphocyte epitopes and is associated with low human immunodeficiency virus load. <i>Journal of Virology</i> , 2005 , 79, 10218-25	6.6	63

192	Human Leukocyte Antigen F Presents Peptides and Regulates Immunity through Interactions with NK Cell Receptors. <i>Immunity</i> , 2017 , 46, 1018-1029.e7	32.3	62
191	Common HIV-1 peptide variants mediate differential binding of KIR3DL1 to HLA-Bw4 molecules. <i>Journal of Virology</i> , 2011 , 85, 5970-4	6.6	61
190	Strong and persistent CD4+ T-cell response in healthy adults immunized with a candidate HIV-1 vaccine containing gp120, Nef and Tat antigens formulated in three Adjuvant Systems. <i>Vaccine</i> , 2010 , 28, 7016-24	4.1	60
189	Expansion of pre-existing, lymph node-localized CD8+ T cells during supervised treatment interruptions in chronic HIV-1 infection. <i>Journal of Clinical Investigation</i> , 2002 , 109, 837-843	15.9	58
188	Preserved function of regulatory T cells in chronic HIV-1 infection despite decreased numbers in blood and tissue. <i>Journal of Infectious Diseases</i> , 2012 , 205, 1495-500	7	54
187	Novel KIR3DL1 alleles and their expression levels on NK cells: convergent evolution of KIR3DL1 phenotype variation?. <i>Journal of Immunology</i> , 2008 , 180, 6743-50	5.3	53
186	HLA-Cw*0102-restricted HIV-1 p24 epitope variants can modulate the binding of the inhibitory KIR2DL2 receptor and primary NK cell function. <i>PLoS Pathogens</i> , 2012 , 8, e1002805	7.6	51
185	KIR polymorphisms modulate peptide-dependent binding to an MHC class I ligand with a Bw6 motif. <i>PLoS Pathogens</i> , 2011 , 7, e1001316	7.6	50
184	Selection of an HLA-C*03:04-Restricted HIV-1 p24 Gag Sequence Variant Is Associated with Viral Escape from KIR2DL3+ Natural Killer Cells: Data from an Observational Cohort in South Africa. <i>PLoS Medicine</i> , 2015 , 12, e1001900; discussion e1001900	11.6	49
183	Differential immunogenicity of HIV-1 clade C proteins in eliciting CD8+ and CD4+ cell responses. <i>Journal of Infectious Diseases</i> , 2005 , 192, 1588-96	7	49
182	Fluctuations of functionally distinct CD8+ T-cell clonotypes demonstrate flexibility of the HIV-specific TCR repertoire. <i>Blood</i> , 2006 , 107, 2373-83	2.2	48
181	Cytotoxic T-lymphocyte (CTL) responses directed against regulatory and accessory proteins in HIV-1 infection. <i>DNA and Cell Biology</i> , 2002 , 21, 671-8	3.6	48
180	Differential regulation of toll-like receptor pathways in acute and chronic HIV-1 infection. <i>Aids</i> , 2012 , 26, 533-41	3.5	47
179	Dysregulated Tim-3 expression on natural killer cells is associated with increased Galectin-9 levels in HIV-1 infection. <i>Retrovirology</i> , 2013 , 10, 74	3.6	46
178	Detection of KIR3DS1 on the cell surface of peripheral blood NK cells facilitates identification of a novel null allele and assessment of KIR3DS1 expression during HIV-1 infection. <i>Journal of Immunology</i> , 2007 , 179, 1625-33	5.3	46
177	Evasion from NK cell-mediated immune responses by HIV-1. <i>Microbes and Infection</i> , 2012 , 14, 904-15	9.3	44
176	HIV-1 superinfection. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 829-35; quiz 836	11.5	44
175	Immunodominance of HIV-1-specific CD8(+) T-cell responses in acute HIV-1 infection: at the crossroads of viral and host genetics. <i>Trends in Immunology</i> , 2005 , 26, 166-71	14.4	43

174	Sex and gender differences in HIV-1 infection. <i>Clinical Science</i> , 2016 , 130, 1435-51	6.5	42
173	Changes in cytokine levels and NK cell activation associated with influenza. <i>PLoS ONE</i> , 2011 , 6, e25060	3.7	42
172	Less is more? STI in acute and chronic HIV-1 infection. <i>Nature Medicine</i> , 2001 , 7, 881-4	50.5	42
171	Enhanced binding of antibodies generated during chronic HIV infection to mucus component MUC16. <i>Mucosal Immunology</i> , 2016 , 9, 1549-1558	9.2	41
170	Changes in Natural Killer cell activation and function during primary HIV-1 Infection. <i>PLoS ONE</i> , 2013 , 8, e53251	3.7	41
169	CD4+ T-cell help enhances NK cell function following therapeutic HIV-1 vaccination. <i>Journal of Virology</i> , 2014 , 88, 8349-54	6.6	40
168	NK cell function in HIV-1 infection. <i>Current Molecular Medicine</i> , 2006 , 6, 621-9	2.5	39
167	Viremia control despite escape from a rapid and potent autologous neutralizing antibody response after therapy cessation in an HIV-1-infected individual. <i>Journal of Immunology</i> , 2003 , 170, 3906-14	5.3	39
166	MHC class I chain-related protein A shedding in chronic HIV-1 infection is associated with profound NK cell dysfunction. <i>Virology</i> , 2010 , 406, 12-20	3.6	38
165	The majority of currently circulating human immunodeficiency virus type 1 clade B viruses fail to prime cytotoxic T-lymphocyte responses against an otherwise immunodominant HLA-A2-restricted epitope: implications for vaccine design. <i>Journal of Virology</i> , 2005 , 79, 5000-5	6.6	38
164	Sex-Based Differences in Human Immunodeficiency Virus Type 1 Reservoir Activity and Residual Immune Activation. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1084-1094	7	38
163	A subset of HLA-DP molecules serve as ligands for the natural cytotoxicity receptor NKp44. <i>Nature Immunology</i> , 2019 , 20, 1129-1137	19.1	37
162	Comprehensive analysis of virus-specific T-cells provides clues for the failure of therapeutic immunization with ALVAC-HIV vaccine. <i>Aids</i> , 2011 , 25, 27-36	3.5	37
161	Kinetics of HIV-1 Latency Reversal Quantified on the Single-Cell Level Using a Novel Flow-Based Technique. <i>Journal of Virology</i> , 2016 , 90, 9018-28	6.6	37
160	Human leukocyte antigen class I and class II allele frequencies and HIV-1 infection associations in a Chinese cohort. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2007 , 44, 121-31	3.1	36
159	Rapid ex vivo isolation and long-term culture of human Th17 cells. <i>Journal of Immunological Methods</i> , 2008 , 333, 115-25	2.5	35
158	Impact of intrapeptide epitope location on CD8 T cell recognition: implications for design of overlapping peptide panels. <i>Aids</i> , 2004 , 18, 871-6	3.5	35
157	Expansion of pre-existing, lymph node-localized CD8+ T cells during supervised treatment interruptions in chronic HIV-1 infection. <i>Journal of Clinical Investigation</i> , 2002 , 109, 837-43	15.9	35

156	Crippling HIV one mutation at a time. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1003-7	16.6	34
155	Rev activity determines sensitivity of HIV-1-infected primary T cells to CTL killing. <i>Immunity</i> , 2003 , 18, 289-99	32.3	34
154	Dendritic cells in the circulation of women with preeclampsia demonstrate a pro-inflammatory bias secondary to dysregulation of TLR receptors. <i>Journal of Reproductive Immunology</i> , 2012 , 94, 210-5	4.2	33
153	Tumor necrosis factor β s associated with viral control and early disease progression in patients with HIV type 1 infection. <i>Journal of Infectious Diseases</i> , 2014 , 210, 1042-6	7	33
152	Impact of blood processing variations on natural killer cell frequency, activation, chemokine receptor expression and function. <i>Journal of Immunological Methods</i> , 2011 , 366, 28-35	2.5	32
151	Comprehensive Characterization of Cellular Immune Responses Following Ebola Virus Infection. <i>Journal of Infectious Diseases</i> , 2017 , 215, 287-292	7	29
150	Limited immunogenicity of HIV CD8+ T-cell epitopes in acute Clade C virus infection. <i>Journal of Infectious Diseases</i> , 2011 , 204, 768-76	7	29
149	Role of KIR3DS1 in human diseases. <i>Frontiers in Immunology</i> , 2012 , 3, 326	8.4	29
148	Exposure to HIV-1-encoded Toll-like receptor 8 ligands enhances monocyte response to microbial encoded Toll-like receptor 2/4 ligands. <i>Aids</i> , 2010 , 24, 1841-8	3.5	29
147	T(H)1 to T(H)2 shift of cytokines in peripheral blood of HIV-infected patients is detectable by reverse transcriptase polymerase chain reaction but not by enzyme-linked immunosorbent assay under nonstimulated conditions. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2000 , 23, 287-94	3.1	29
146	Parallel decrease in neurotoxin quinolinic acid and soluble tumor necrosis factor receptor p75 in serum during highly active antiretroviral therapy of HIV type 1 disease. <i>AIDS Research and Human Retroviruses</i> , 2000 , 16, 1215-21	1.6	29
145	Sequence variations in HCV core-derived epitopes alter binding of KIR2DL3 to HLA-C*03:04 and modulate NK cell function. <i>Journal of Hepatology</i> , 2016 , 65, 252-8	13.4	28
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