

Marcus Altfeld

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.

299
papers

24,637
citations

78
h-index

151
g-index

323
ext. papers

27,933
ext. citations

8.7
avg, IF

6.51
L-index

#	Paper	IF	Citations
299	A simple, robust flow cytometry-based whole blood assay for investigating sex differential interferon alpha production by plasmacytoid dendritic cells.. <i>Journal of Immunological Methods</i> , 2022 , 504, 113263	2.5	
298	Natural killer cell-mediated ADCC in SARS-CoV-2-infected individuals and vaccine recipients.. <i>European Journal of Immunology</i> , 2022 ,	6.1	4
297	HIV-1 evades a Gag mutation that abrogates killer cell immunoglobulin-like receptor binding and disinhibits natural killer cells in infected individuals with KIR2DL2+/HLA-C*03: 04+ genotype. <i>Aids</i> , 2021 , 35, 151-154	3.5	0
296	A Genome-Wide CRISPR/Cas9-Based Screen Identifies Heparan Sulfate Proteoglycans as Ligands of Killer-Cell Immunoglobulin-Like Receptors.. <i>Frontiers in Immunology</i> , 2021 , 12, 798235	8.4	1
295	A simple, sensitive, and low-cost FACS assay for detecting antibodies against the native SARS-CoV-2 spike protein. <i>Immunity, Inflammation and Disease</i> , 2021 , 9, 905-917	2.4	1
294	Innate Immune Reconstitution in Humanized Bone Marrow-Liver-Thymus (HuBLT) Mice Governs Adaptive Cellular Immune Function and Responses to HIV-1 Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 667393	8.4	3
293	Upregulation of HLA-F expression by BK polyomavirus infection induces immune recognition by KIR3DS1-positive natural killer cells. <i>Kidney International</i> , 2021 , 99, 1140-1148	9.9	3
292	SLAMF receptors negatively regulate B cell receptor signaling in chronic lymphocytic leukemia via recruitment of prohibitin-2. <i>Leukemia</i> , 2021 , 35, 1073-1086	10.7	3
291	Low immune activation in early pregnancy is associated with preterm but not small-for-gestational age delivery in HIV infected women initiating antiretroviral therapy in pregnancy: a PIMS case-control study in Cape Town, South Africa. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	1
290	The role of natural killer cells in liver inflammation. <i>Seminars in Immunopathology</i> , 2021 , 43, 519-533	12	6
289	Single-cell atlas of hepatic T cells reveals expansion of liver-resident naive-like CD4 T cells in primary sclerosing cholangitis. <i>Journal of Hepatology</i> , 2021 , 75, 414-423	13.4	5
288	KIR3DS1 directs NK cell-mediated protection against human adenovirus infections. <i>Science Immunology</i> , 2021 , 6, eabe2942	28	0
287	Assessment of escape from X chromosome inactivation and gene expression in single human immune cells. <i>STAR Protocols</i> , 2021 , 2, 100641	1.4	0
286	Heterogeneous Escape from X Chromosome Inactivation Results in Sex Differences in Type I IFN Responses at the Single Human pDC Level. <i>Cell Reports</i> , 2020 , 33, 108485	10.6	23
285	In-depth characterization of monocyte subsets during the course of healthy pregnancy. <i>Journal of Reproductive Immunology</i> , 2020 , 141, 103151	4.2	5
284	The Transcription Factor Promyelocytic Leukemia Zinc Finger Protein Is Associated With Expression of Liver-Homing Receptors on Human Blood CD56 Natural Killer Cells. <i>Hepatology Communications</i> , 2020 , 4, 409-424	6	5
283	Regulation of NK-Cell Function by HLA Class II. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 55	5.9	8

282	HIV-1 induced changes in HLA-C*03 : 04-presented peptide repertoires lead to reduced engagement of inhibitory natural killer cell receptors. <i>Aids</i> , 2020 , 34, 1713-1723	3.5	6
281	High Metabolic Function and Resilience of NKG2A-Educated NK Cells. <i>Frontiers in Immunology</i> , 2020 , 11, 559576	8.4	2
280	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
279	Androgens predispose males to monocyte-mediated immunopathology by inducing the expression of leukocyte recruitment factor CXCL1. <i>Nature Communications</i> , 2020 , 11, 3459	17.4	11
278	HIV Antibody Fc N-Linked Glycosylation Is Associated with Viral Rebound. <i>Cell Reports</i> , 2020 , 33, 108502	10.6	10
277	Distinct Signatures in the Receptor Repertoire Discriminate CD56bright and CD56dim Natural Killer Cells. <i>Frontiers in Immunology</i> , 2020 , 11, 568927	8.4	4
276	Sex-specific innate immune selection of HIV-1 in utero is associated with increased female susceptibility to infection. <i>Nature Communications</i> , 2020 , 11, 1767	17.4	8
275	Protective HLA alleles are associated with reduced LPS levels in acute HIV infection with implications for immune activation and pathogenesis. <i>PLoS Pathogens</i> , 2019 , 15, e1007981	7.6	4
274	Interferon- β -dependent immune responses contribute to the pathogenesis of sclerosing cholangitis in mice. <i>Journal of Hepatology</i> , 2019 , 71, 773-782	13.4	14
273	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
272	Primary HIV-1 Strains Use Nef To Downmodulate HLA-E Surface Expression. <i>Journal of Virology</i> , 2019 , 93,	6.6	6
271	CD49a Expression Identifies a Subset of Intrahepatic Macrophages in Humans. <i>Frontiers in Immunology</i> , 2019 , 10, 1247	8.4	3
270	FRI-199-First in Human, single ascending dose clinical trial of AIC649 in patients with chronic hepatitis. <i>Journal of Hepatology</i> , 2019 , 70, e478-e479	13.4	7
269	Tissue-resident Eomes NK cells are the major innate lymphoid cell population in human infant intestine. <i>Nature Communications</i> , 2019 , 10, 975	17.4	28
268	Human liver-derived CXCR6 NK cells are predominantly educated through NKG2A and show reduced cytokine production. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 1331-1340	6.5	10
267	CCL21-expression and accumulation of CCR7 NK cells in livers of patients with primary sclerosing cholangitis. <i>European Journal of Immunology</i> , 2019 , 49, 758-769	6.1	13
266	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
265	Sexual dimorphism in HIV-1 infection. <i>Seminars in Immunopathology</i> , 2019 , 41, 195-202	12	4

264	Carcinoembryonic antigen-related cell adhesion molecule 1 controls IL-2-dependent regulatory T-cell induction in immune-mediated hepatitis in mice. <i>Hepatology</i> , 2018 , 68, 200-214	11.2	13
263	Is There Natural Killer Cell Memory and Can It Be Harnessed by Vaccination? Can Natural Killer and CD8 T Cells Switch Jobs?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	1
262	Tissue-resident NK cells differ in their expression profile of the nutrient transporters Glut1, CD98 and CD71. <i>PLoS ONE</i> , 2018 , 13, e0201170	3.7	27
261	Innate immune responses to toll-like receptor stimulation are altered during the course of pregnancy. <i>Journal of Reproductive Immunology</i> , 2018 , 128, 30-37	4.2	23
260	Stable Frequencies of HLA-C03:04/Peptide-Binding KIR2DL2/3 Natural Killer Cells Following Vaccination. <i>Frontiers in Immunology</i> , 2018 , 9, 2361	8.4	
259	Natural Killer Cell Education Is Associated With a Distinct Glycolytic Profile. <i>Frontiers in Immunology</i> , 2018 , 9, 3020	8.4	25
258	Interactions Between KIR3DS1 and HLA-F Activate Natural Killer Cells to Control HCV Replication in Cell Culture. <i>Gastroenterology</i> , 2018 , 155, 1366-1371.e3	13.3	25
257	TLR7-mediated activation of XBP1 correlates with the IFN γ production in humans. <i>Cytokine</i> , 2017 , 94, 55-58	4	11
256	Hepatitis C virus drives increased type I interferon-associated impairments associated with fibrosis severity in antiretroviral treatment-treated HIV-1-hepatitis C virus-coinfected individuals. <i>Aids</i> , 2017 , 31, 1223-1234	3.5	6
255	Brief Report: Increased Frequency of CD39+ CD56bright Natural Killer Cells in HIV-1 Infection Correlates With Immune Activation and Disease Progression. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017 , 74, 467-472	3.1	7
254	Human pDCs display sex-specific differences in type I interferon subtypes and interferon γ receptor expression. <i>European Journal of Immunology</i> , 2017 , 47, 251-256	6.1	24
253	Interleukin 1-Beta (IL-1 β) Production by Innate Cells Following TLR Stimulation Correlates With TB Recurrence in ART-Treated HIV-Infected Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017 , 74, 213-220	3.1	12
252	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
251	Peptide-specific engagement of the activating NK cell receptor KIR2DS1. <i>Scientific Reports</i> , 2017 , 7, 2414.9	4.9	26
250	Early type I Interferon response induces upregulation of human β defensin 1 during acute HIV-1 infection. <i>PLoS ONE</i> , 2017 , 12, e0173161	3.7	12
249	Proliferative capacity exhibited by human liver-resident CD49a+CD25+ NK cells. <i>PLoS ONE</i> , 2017 , 12, e0182532	3.7	18
248	Saporin-conjugated tetramers identify efficacious anti-HIV CD8+ T-cell specificities. <i>PLoS ONE</i> , 2017 , 12, e0184496	3.7	2
247	Comprehensive Characterization of Cellular Immune Responses Following Ebola Virus Infection. <i>Journal of Infectious Diseases</i> , 2017 , 215, 287-292	7	29

246	Reduced Expression of Siglec-7, NKG2A, and CD57 on Terminally Differentiated CD56CD16 Natural Killer Cell Subset Is Associated with Natural Killer Cell Dysfunction in Chronic HIV-1 Clade C Infection. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 1205-1213	1.6	17
245	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
244	Hobit expression by a subset of human liver-resident CD56 Natural Killer cells. <i>Scientific Reports</i> , 2017 , 7, 6676	4.9	27
243	Can NK cells purge HIV sanctuaries?. <i>Nature Medicine</i> , 2017 , 23, 1254-1255	50.5	3
242	Acute HIV-1 infection is associated with increased plasma levels of heme oxygenase-1 and presence of heme oxygenase-1-specific regulatory T cells. <i>Aids</i> , 2017 , 31, 635-641	3.5	4
241	HIV-1-Mediated Downmodulation of HLA-C Impacts Target Cell Recognition and Antiviral Activity of NK Cells. <i>Cell Host and Microbe</i> , 2017 , 22, 111-119.e4	23.4	22
240	Human Immunodeficiency Virus 1 and Type I Interferons-Where Sex Makes a Difference. <i>Frontiers in Immunology</i> , 2017 , 8, 1224	8.4	15
239	Natural Killer Cell Interactions with Classical and Non-Classical Human Leukocyte Antigen Class I in HIV-1 Infection. <i>Frontiers in Immunology</i> , 2017 , 8, 1496	8.4	12
238	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
237	The X awakens: multifactorial ramifications of sex-specific differences in HIV-1 infection. <i>Journal of Virus Eradication</i> , 2016 , 2, 78-81	2.8	9
236	Sex and gender differences in HIV-1 infection. <i>Clinical Science</i> , 2016 , 130, 1435-51	6.5	42
235	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
234	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
233	Sex differences in HIV-1-mediated immunopathology. <i>Current Opinion in HIV and AIDS</i> , 2016 , 11, 209-15	4.2	19
232	Changes in HIV-1 Capsid Stability Induced by Common Cytotoxic-T-Lymphocyte-Driven Viral Sequence Mutations. <i>Journal of Virology</i> , 2016 , 90, 7579-7586	6.6	2
231	Naturally Occurring Subclinical Endotoxemia in Humans Alters Adaptive and Innate Immune Functions through Reduced MAPK and Increased STAT1 Phosphorylation. <i>Journal of Immunology</i> , 2016 , 196, 668-77	5.3	15
230	Distinct genital tract HIV-specific antibody profiles associated with tenofovir gel. <i>Mucosal Immunology</i> , 2016 , 9, 821-833	9.2	13
229	Enhanced binding of antibodies generated during chronic HIV infection to mucus component MUC16. <i>Mucosal Immunology</i> , 2016 , 9, 1549-1558	9.2	41

228	Elevated Levels of Microbial Translocation Markers and CCL2 Among Older HIV-1-Infected Men. <i>Journal of Infectious Diseases</i> , 2016 , 213, 771-5	7	8
227	Killer-cell Immunoglobulin-like Receptor (KIR) gene profiles modify HIV disease course, not HIV acquisition in South African women. <i>BMC Infectious Diseases</i> , 2016 , 16, 27	4	10
226	Innate immune reconstitution with suppression of HIV-1. <i>JCI Insight</i> , 2016 , 1, e85433	9.9	8
225	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
224	The X awakens: multifactorial ramifications of sex-specific differences in HIV-1 infection. <i>Journal of Virus Eradication</i> , 2016 , 2, 78-81	2.8	9
223	NK Cells in HIV-1 Infection 2016 , 262-269		
222	Impact of HIV-1 infection on the feto-maternal crosstalk and consequences for pregnancy outcome and infant health. <i>Seminars in Immunopathology</i> , 2016 , 38, 727-738	12	11
221	Immunological strategies to target HIV persistence. <i>Current Opinion in HIV and AIDS</i> , 2016 , 11, 402-8	4.2	7
220	Assessment of the antiviral capacity of primary natural killer cells by optimized in vitro quantification of HIV-1 replication. <i>Journal of Immunological Methods</i> , 2016 , 434, 53-60	2.5	3
219	HLA-C levels impact natural killer cell subset distribution and function. <i>Human Immunology</i> , 2016 , 77, 1147-1153	2.3	15
218	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
217	Antigen-specific NK cell memory in rhesus macaques. <i>Nature Immunology</i> , 2015 , 16, 927-32	19.1	176
216	Innate immunity against HIV-1 infection. <i>Nature Immunology</i> , 2015 , 16, 554-62	19.1	125
215	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
214	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
213	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
212	Second European Round Table on the Future Management of HIV. <i>Journal of Virus Eradication</i> , 2015 , 1, 211-220	2.8	3
211	Influence of Glycosylation Inhibition on the Binding of KIR3DL1 to HLA-B*57:01. <i>PLoS ONE</i> , 2015 , 10, e0145324	3.7	5

210	Follicular Dendritic Cells Retain Infectious HIV in Cycling Endosomes. <i>PLoS Pathogens</i> , 2015 , 11, e10052856	66
209	Second European Round Table on the Future Management of HIV: 10-11 October 2014, Barcelona, Spain. <i>Journal of Virus Eradication</i> , 2015 , 1, 211-20	2.8
208	Sex Differences in the Manifestations of HIV-1 Infection 2015 , 103-181	5
207	TRIM5 and TRIM22 are differentially regulated according to HIV-1 infection phase and compartment. <i>Journal of Virology</i> , 2014 , 88, 4291-303	6.6 17
206	Protective Role of TLR3 Induced Human Beta Defensins during Acute HIV-1 Infection. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A124-A125	1.6
205	Phenotypic and Functional Characteristics of Siglec-7, NKG2A and NKG2C Expressing NK Cells in Chronic HIV-1 Clade C Infection. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A130-A130	1.6
204	SIV- and Vaccine-elicited NK Cell Memory in Rhesus Macaques. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A14-A14	1.6
203	Emergence of individual HIV-specific CD8 T cell responses during primary HIV-1 infection can determine long-term disease outcome. <i>Journal of Virology</i> , 2014 , 88, 12793-801	6.6 27
202	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
201	Sex-based differences in HIV type 1 pathogenesis. <i>Journal of Infectious Diseases</i> , 2014 , 209 Suppl 3, S86-92	94
200	Sex differences in infectious diseases-common but neglected. <i>Journal of Infectious Diseases</i> , 2014 , 209 Suppl 3, S79-80	7 89
199	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
198	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
197	Role of Toll-Like Receptor (TLR) Signaling in HIV-1-Induced Adaptive Immune Activation 2014 , 275-287	
196	Protective HLA Alleles Reduce Markers of Gut Damage and Microbial Translocation and Preserve the Cellular Immune Response during Acute HIV-1 Infection. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A39-A39	1.6
195	HIV Replicative Capacity of Transmitted Viruses Is Associated with Early Immune Activation, Exhaustion and Establishment of the Viral Reservoir. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A56-A57	1.6
194	Increased frequency and function of KIR2DL1-3+ NK cells in primary HIV-1 infection are determined by HLA-C group haplotypes. <i>European Journal of Immunology</i> , 2014 , 44, 2938-48	6.1 28
193	Genetic Footprints within the HIV-1 Envelope Glycoprotein Associated with Transmission in Men Who Have Sex with Men. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A57-A57	1.6

192	Sex Differences in TNFAIP3 Levels in pDC upon TLR7 Stimulation. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A129-A130		1.6
191	Enhanced immune activation linked to endotoxemia in HIV-1 seronegative MSM. <i>Aids</i> , 2014 , 28, 2162-6	3.5	24
190	Sequence variations in HIV-1 p24 Gag-derived epitopes can alter binding of KIR2DL2 to HLA-C*03:04 and modulate primary natural killer cell function. <i>Aids</i> , 2014 , 28, 1399-408	3.5	28
189	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
188	Immune activation and the role of TLRs and TLR agonists in the pathogenesis of HIV-1 infection in the humanized mouse model. <i>Journal of Infectious Diseases</i> , 2013 , 208 Suppl 2, S145-9	7	8
187	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
186	Temporal effect of HLA-B*57 on viral control during primary HIV-1 infection. <i>Retrovirology</i> , 2013 , 10, 139	3.6	9
185	Control of human viral infections by natural killer cells. <i>Annual Review of Immunology</i> , 2013 , 31, 163-94	34.7	303
184	Neither microbial translocation nor TLR responsiveness are likely explanations for preexisting immune activation in women who subsequently acquired HIV in CAPRISA 004. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013 , 63, 294-8	3.1	6
183	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
182	HIV-1 infection induces strong production of IP-10 through TLR7/9-dependent pathways. <i>Aids</i> , 2013 , 27, 2505-17	3.5	66
181	Changes in Natural Killer cell activation and function during primary HIV-1 Infection. <i>PLoS ONE</i> , 2013 , 8, e53251	3.7	41
180	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
179	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
178	Regulatory T cell frequencies do not correlate with breadth or magnitude of HIV-1-specific T cell responses. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 749-51	1.6	3
177	Evasion from NK cell-mediated immune responses by HIV-1. <i>Microbes and Infection</i> , 2012 , 14, 904-15	9.3	44
176	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
175	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

174	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
173	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
172	A deeper view of transmitted/founder viruses using 454 whole genome deep sequencing. <i>Retrovirology</i> , 2012 , 9,	3.6	2
171	KIR-HLA footprints and NK cell-mediated recognition of HIV-1. <i>Retrovirology</i> , 2012 , 9,	3.6	78
170	TLR7/9 antagonist reduces HIV-1-induced immune activation. <i>Retrovirology</i> , 2012 , 9,	3.6	2
169	Implications of post-translational modifications of IRF7 on pDC IFN-alpha response. <i>Retrovirology</i> , 2012 , 9,	3.6	78
168	HIV-1 p24 derived epitopes modulate KIR2DL2-binding to HLA-Cw03. <i>Retrovirology</i> , 2012 , 9,	3.6	78
167	Factors predicting discordant virological and immunological responses to antiretroviral therapy in HIV-1 clade C infected Zulu/Xhosa in South Africa. <i>PLoS ONE</i> , 2012 , 7, e31161	3.7	18
166	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
165	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
164	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
163	Preferential CTL targeting of Gag is associated with relative viral control in long-term surviving HIV-1 infected former plasma donors from China. <i>Cell Research</i> , 2012 , 22, 903-14	24.7	16
162	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
161	Frequent and strong antibody-mediated natural killer cell activation in response to HIV-1 Env in individuals with chronic HIV-1 infection. <i>Journal of Virology</i> , 2012 , 86, 6986-93	6.6	21
160	Role of KIR3DS1 in human diseases. <i>Frontiers in Immunology</i> , 2012 , 3, 326	8.4	29
159	Induction of strong HIV-1-specific CD4+ T-cell responses using an HIV-1 gp120/NefTat vaccine adjuvanted with AS02A in antiretroviral-treated HIV-1-infected individuals. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012 , 59, 1-9	3.1	16
158	Identification of HIV-1-specific regulatory T-cells using HLA class II tetramers. <i>Aids</i> , 2012 , 26, 2112-5	3.5	20
157	Natural killer cell function in women at high risk for HIV acquisition: insights from a microbicide trial. <i>Aids</i> , 2012 , 26, 1745-53	3.5	13

156	Differential regulation of toll-like receptor pathways in acute and chronic HIV-1 infection. <i>Aids</i> , 2012 , 26, 533-41	3.5	47
155	Preservation HIV-1-specific IFN γ CD4+ T-cell responses in breakthrough infections after exposure to tenofovir gel in the CAPRISA 004 microbicide trial. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012 , 60, 124-7	3.1	13
154	HIV-1 adaptation to NK-cell-mediated immune pressure. <i>Nature</i> , 2011 , 476, 96-100	50.4	251
153	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
152	Mutiny or scrutiny: NK cell modulation of DC function in HIV-1 infection. <i>Trends in Immunology</i> , 2011 , 32, 219-24	14.4	23
151	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
150	Changes in cytokine levels and NK cell activation associated with influenza. <i>PLoS ONE</i> , 2011 , 6, e25060	3.7	42
149	Polymorphisms in interferon regulatory factor 7 reduce interferon- γ responses of plasmacytoid dendritic cells to HIV-1. <i>Aids</i> , 2011 , 25, 715-7	3.5	20
148	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
147	Epithelial adhesion molecules can inhibit HIV-1-specific CD8+ T-cell functions. <i>Blood</i> , 2011 , 117, 5112-22	2.2	23
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