

Eric Hunter

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.

158
papers

8,668
citations

45
h-index

91
g-index

186
ext. papers

9,846
ext. citations

8.4
avg, IF

5.3
L-index

#	Paper	IF	Citations
158	Cross-reactivity of glycan-reactive HIV-1 broadly neutralizing antibodies with parasite glycans.. <i>Cell Reports</i> , 2022 , 38, 110611	10.6	0
157	Breadth of CD8 T-cell mediated inhibition of replication of diverse HIV-1 transmitted-founder isolates correlates with the breadth of recognition within a comprehensive HIV-1 Gag, Nef, Env and Pol potential T-cell epitope (PTE) peptide set. <i>PLoS ONE</i> , 2021 , 16, e0260118	3.7	1
156	Increased Frequency of Inter-Subtype HIV-1 Recombinants Identified by Near Full-Length Virus Sequencing in Rwandan Acute Transmission Cohorts. <i>Frontiers in Microbiology</i> , 2021 , 12, 734929	5.7	0
155	Genital Abnormalities, Hormonal Contraception, and Human Immunodeficiency Virus Transmission Risk in Rwandan Serodifferent Couples. <i>Journal of Infectious Diseases</i> , 2021 , 224, 81-91	7	2
154	Elevated levels of inflammatory plasma biomarkers are associated with risk of HIV infection. <i>Retrovirology</i> , 2021 , 18, 8	3.6	0
153	HLA-associated preadaptation in HIV Vif is associated with higher set point viral load and faster CD4+ decline in Zambian transmission pairs. <i>Aids</i> , 2021 , 35, 1157-1165	3.5	
152	Human anogenital monocyte-derived dendritic cells and langerin+cDC2 are major HIV target cells. <i>Nature Communications</i> , 2021 , 12, 2147	17.4	8
151	Comprehensive epitope mapping using polyclonally expanded human CD8 T cells and a two-step ELISpot assay for testing large peptide libraries. <i>Journal of Immunological Methods</i> , 2021 , 491, 112970	2.5	4
150	Plasmacytoid dendritic cells have divergent effects on HIV infection of initial target cells and induce a pro-retention phenotype. <i>PLoS Pathogens</i> , 2021 , 17, e1009522	7.6	2
149	Cohort Profile: IAVIR HIV epidemiology and early infection cohort studies in Africa to support vaccine discovery. <i>International Journal of Epidemiology</i> , 2021 , 50, 29-30	7.8	7
148	A Stronger Innate Immune Response During Hyperacute Human Immunodeficiency Virus Type 1 (HIV-1) Infection Is Associated With Acute Retroviral Syndrome. <i>Clinical Infectious Diseases</i> , 2021 , 73, 832-841	11.6	1
147	The C3/465 glycan hole cluster in BG505 HIV-1 envelope is the major neutralizing target involved in preventing mucosal SHIV infection. <i>PLoS Pathogens</i> , 2021 , 17, e1009257	7.6	9
146	Utilizing Computational Machine Learning Tools to Understand Immunogenic Breadth in the Context of a CD8 T-Cell Mediated HIV Response. <i>Frontiers in Immunology</i> , 2021 , 12, 609884	8.4	3
145	A Novel Sample Selection Approach to Aid the Identification of Factors That Correlate With the Control of HIV-1 Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 634832	8.4	2
144	Proviral Turnover During Untreated HIV Infection Is Dynamic and Variable Between Hosts, Impacting Reservoir Composition on ART. <i>Frontiers in Microbiology</i> , 2021 , 12, 719153	5.7	2
143	Direct identification of HLA-presented CD8 T cell epitopes from transmitted founder HIV-1 variants. <i>Proteomics</i> , 2021 , 21, e2100142	4.8	1
142	Selective HLA restriction enables the evaluation and interpretation of immunogenic breadth at comparable levels to that observed with broader HLA distribution. <i>Proteomics</i> , 2021 , 21, e2100121	4.8	0

141	Antiretroviral Therapy Use and HIV Transmission Among Discordant Couples in Nonresearch Settings in Kigali, Rwanda. <i>Sexually Transmitted Diseases</i> , 2021 , 48, 424-428	2.4	1
140	T cell-inducing vaccine durably prevents mucosal SHIV infection even with lower neutralizing antibody titers. <i>Nature Medicine</i> , 2020 , 26, 932-940	50.5	60
139	Differential Vpu-Mediated CD4 and Tetherin Downregulation Functions among Major HIV-1 Group M Subtypes. <i>Journal of Virology</i> , 2020 , 94,	6.6	4
138	Better Viral Control despite Higher CD4 T Cell Activation during Acute HIV-1 Infection in Zambian Women Is Linked to the Sex Hormone Estradiol. <i>Journal of Virology</i> , 2020 , 94,	6.6	1
137	A Population-Specific Optimized GeneXpert Pooling Algorithm for Chlamydia trachomatis and Neisseria gonorrhoeae To Reduce Cost of Molecular Sexually Transmitted Infection Screening in Resource-Limited Settings. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	4
136	HIV-1 variants are archived throughout infection and persist in the reservoir. <i>PLoS Pathogens</i> , 2020 , 16, e1008378	7.6	10
135	Sociodemographic factors and STIs associated with and infections in Zambian female sex workers and single mothers. <i>International Journal of STD and AIDS</i> , 2020 , 31, 364-374	1.4	4
134	Cost-effectiveness of couples voluntary HIV counselling and testing in six African countries: a modelling study guided by an HIV prevention cascade framework. <i>Journal of the International AIDS Society</i> , 2020 , 23 Suppl 3, e25522	5.4	2
133	Identifying the immune interactions underlying HLA class I disease associations. <i>ELife</i> , 2020 , 9,	8.9	4
132	Resistance profile of HIV-1 quasispecies in patients under treatment failure using single molecule, real-time sequencing. <i>Aids</i> , 2020 , 34, 2201-2210	3.5	4
131	African-led health research and capacity building- is it working?. <i>BMC Public Health</i> , 2020 , 20, 1104	4.1	21
130	Infection with multiple HIV-1 founder variants is associated with lower viral replicative capacity, faster CD4+ T cell decline and increased immune activation during acute infection. <i>PLoS Pathogens</i> , 2020 , 16, e1008853	7.6	2
129	Infection with multiple HIV-1 founder variants is associated with lower viral replicative capacity, faster CD4+ T cell decline and increased immune activation during acute infection 2020 , 16, e1008853		
128	Infection with multiple HIV-1 founder variants is associated with lower viral replicative capacity, faster CD4+ T cell decline and increased immune activation during acute infection 2020 , 16, e1008853		
127	Infection with multiple HIV-1 founder variants is associated with lower viral replicative capacity, faster CD4+ T cell decline and increased immune activation during acute infection 2020 , 16, e1008853		
126	Infection with multiple HIV-1 founder variants is associated with lower viral replicative capacity, faster CD4+ T cell decline and increased immune activation during acute infection 2020 , 16, e1008853		
125	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
124	Clade C HIV-1 Envelope Vaccination Regimens Differ in Their Ability To Elicit Antibodies with Moderate Neutralization Breadth against Genetically Diverse Tier 2 HIV-1 Envelope Variants. <i>Journal of Virology</i> , 2019 , 93,	6.6	9

123	Identification of HIV transmitting CD11c human epidermal dendritic cells. <i>Nature Communications</i> , 2019 , 10, 2759	17.4	44
122	Virologic Aspects of Mucosal Transmission. <i>Current Immunology Reviews</i> , 2019 , 15, 14-27	1.3	
121	Control of the HIV-1 Load Varies by Viral Subtype in a Large Cohort of African Adults With Incident HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2019 , 220, 432-441	7	8
120	CD8 T cells targeting adapted epitopes in chronic HIV infection promote dendritic cell maturation and CD4 T cell trans-infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007970	7.6	12
119	Clustered Mutations at the Murine and Human IgH Locus Exhibit Significant Linkage Consistent with Templated Mutagenesis. <i>Journal of Immunology</i> , 2019 , 203, 1252-1264	5.3	3
118	Reduced frequency of HIV superinfection in a high-risk cohort in Zambia. <i>Virology</i> , 2019 , 535, 11-19	3.6	1
117	Vaccine induction of antibodies and tissue-resident CD8+ T cells enhances protection against mucosal SHIV-infection in young macaques. <i>JCI Insight</i> , 2019 , 4,	9.9	31
116	422. Pooling Strategy for Chlamydia trachomatis and Neisseria gonorrhoeae Reduces Cost of GeneXpert Molecular STI Screening in Two Limited-Resource Clinics in Zambia. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S212-S212	1	78
115	Strong T1-biased CD4 T cell responses are associated with diminished SIV vaccine efficacy. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	6
114	HIV testing and counselling couples together for affordable HIV prevention in Africa. <i>International Journal of Epidemiology</i> , 2019 , 48, 217-227	7.8	12
113	Immunogenetic factors in early immune control of human immunodeficiency virus type 1 (HIV-1) infection: Evaluation of HLA class I amino acid variants in two African populations. <i>Human Immunology</i> , 2018 , 79, 166-171	2.3	1
112	HLA Class I Downregulation by HIV-1 Variants from Subtype C Transmission Pairs. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
111	Prediction of extended high viremia among newly HIV-1-infected persons in sub-Saharan Africa. <i>PLoS ONE</i> , 2018 , 13, e0192785	3.7	2
110	Characterization of the Plasmacytoid Dendritic Cell Response to Transmitted/Founder and Nontransmitted Variants of HIV-1. <i>Journal of Virology</i> , 2018 , 92,	6.6	4
109	Antisense-Derived HIV-1 Cryptic Epitopes Are Not Major Drivers of Viral Evolution during the Acute Phase of Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	1
108	Fc-gamma receptor IIA and IIIA variants in two African cohorts: Lack of consistent impact on heterosexual HIV acquisition, viral control, and disease progression. <i>Virology</i> , 2018 , 525, 132-142	3.6	2
107	High throughput generation and characterization of replication-competent clade C transmitter-founder simian human immunodeficiency viruses. <i>PLoS ONE</i> , 2018 , 13, e0196942	3.7	4
106	Mason-Pfizer Monkey Virus Envelope Glycoprotein Cycling and Its Vesicular Co-Transport with Immature Particles. <i>Viruses</i> , 2018 , 10,	6.2	1

105	HIV transmission in discordant couples in Africa in the context of antiretroviral therapy availability. <i>Aids</i> , 2018 , 32, 1613-1623	3.5	5
104	Adjuvanting a Simian Immunodeficiency Virus Vaccine with Toll-Like Receptor Ligands Encapsulated in Nanoparticles Induces Persistent Antibody Responses and Enhanced Protection in TRIM5 α Restrictive Macaques. <i>Journal of Virology</i> , 2017 , 91,	6.6	58
103	Risk of heterosexual HIV transmission attributable to sexually transmitted infections and non-specific genital inflammation in Zambian discordant couples, 1994-2012. <i>International Journal of Epidemiology</i> , 2017 , 46, 1593-1606	7.8	19
102	Virus-Host Gene Interactions Define HIV-1 Disease Progression. <i>Current Topics in Microbiology and Immunology</i> , 2017 , 407, 31-63	3.3	6
101	Balance between transmitted HLA preadapted and nonassociated polymorphisms is a major determinant of HIV-1 disease progression. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2049-63	16.6	27
100	Dynamics and Correlates of CD8 T-Cell Counts in Africans with Primary Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2016 , 90, 10423-10430	6.6	1
99	CXCL13 is a plasma biomarker of germinal center activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 2702-7	11.5	204
98	Signatures in Simian Immunodeficiency Virus SIVsmE660 Envelope gp120 Are Associated with Mucosal Transmission but Not Vaccination Breakthrough in Rhesus Macaques. <i>Journal of Virology</i> , 2016 , 90, 1880-7	6.6	14
97	Diversification in the HIV-1 Envelope Hyper-variable Domains V2, V4, and V5 and Higher Probability of Transmitted/Founder Envelope Glycosylation Favor the Development of Heterologous Neutralization Breadth. <i>PLoS Pathogens</i> , 2016 , 12, e1005989	7.6	23
96	Brief Report: Enhanced Allogeneic Cellular Responses to Mismatched HLA-B Antigens Results in More Efficient Killing of HIV Infected Cells. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 71, 493-7	3.1	2
95	Wide variation in susceptibility of transmitted/founder HIV-1 subtype C Isolates to protease inhibitors and association with in vitro replication efficiency. <i>Scientific Reports</i> , 2016 , 6, 38153	4.9	8
94	HIV-1-Specific CD8 T Cells Exhibit Limited Cross-Reactivity during Acute Infection. <i>Journal of Immunology</i> , 2016 , 196, 3276-86	5.3	20
93	Impact of pre-adapted HIV transmission. <i>Nature Medicine</i> , 2016 , 22, 606-13	50.5	66
92	Early Antibody Lineage Diversification and Independent Limb Maturation Lead to Broad HIV-1 Neutralization Targeting the Env High-Mannose Patch. <i>Immunity</i> , 2016 , 44, 1215-26	32.3	102
91	Membrane Interactions of the Mason-Pfizer Monkey Virus Matrix Protein and Its Budding Deficient Mutants. <i>Journal of Molecular Biology</i> , 2016 , 428, 4708-4722	6.5	2
90	A tyrosine-based motif in the HIV-1 envelope glycoprotein tail mediates cell-type- and Rab11-FIP1C-dependent incorporation into virions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7575-80	11.5	27
89	Transmitted virus fitness and host T cell responses collectively define divergent infection outcomes in two HIV-1 recipients. <i>PLoS Pathogens</i> , 2015 , 11, e1004565	7.6	39
88	Multiplexed highly-accurate DNA sequencing of closely-related HIV-1 variants using continuous long reads from single molecule, real-time sequencing. <i>Nucleic Acids Research</i> , 2015 , 43, e129	20.1	34

87	Immunogenetic influences on acquisition of HIV-1 infection: consensus findings from two African cohorts point to an enhancer element in IL19 (1q32.2). <i>Genes and Immunity</i> , 2015 , 16, 213-20	4.4	2
86	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
85	Whole-body immunoPET reveals active SIV dynamics in viremic and antiretroviral therapy-treated macaques. <i>Nature Methods</i> , 2015 , 12, 427-32	21.6	113
84	Breakthrough of SIV strain smE660 challenge in SIV strain mac239-vaccinated rhesus macaques despite potent autologous neutralizing antibody responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10780-5	11.5	24
83	CD4:CD8 lymphocyte ratio as a quantitative measure of immunologic health in HIV-1 infection: findings from an African cohort with prospective data. <i>Frontiers in Microbiology</i> , 2015 , 6, 670	5.7	12
82	Heterosexual Transmission of Subtype C HIV-1 Selects Consensus-Like Variants without Increased Replicative Capacity or Interferon- λ Resistance. <i>PLoS Pathogens</i> , 2015 , 11, e1005154	7.6	58
81	Characterization and Implementation of a Diverse Simian Immunodeficiency Virus SIVsm Envelope Panel in the Assessment of Neutralizing Antibody Breadth Elicited in Rhesus Macaques by Multimodal Vaccines Expressing the SIVmac239 Envelope. <i>Journal of Virology</i> , 2015 , 89, 8130-51	6.6	20
80	Creating an African HIV clinical research and prevention trials network: HIV prevalence, incidence and transmission. <i>PLoS ONE</i> , 2015 , 10, e0116100	3.7	37
79	HLA Class-II Associated HIV Polymorphisms Predict Escape from CD4+ T Cell Responses. <i>PLoS Pathogens</i> , 2015 , 11, e1005111	7.6	12
78	High Transmitter CD4+ T-Cell Count Shortly after the Time of Transmission in a Study of African Serodiscordant Couples. <i>PLoS ONE</i> , 2015 , 10, e0134438	3.7	1
77	Immunology. Immune activation with HIV vaccines. <i>Science</i> , 2014 , 344, 49-51	33.3	63
76	Dynamics of viremia in primary HIV-1 infection in Africans: insights from analyses of host and viral correlates. <i>Virology</i> , 2014 , 449, 254-62	3.6	11
75	Direct evidence for intracellular anterograde co-transport of M-PMV Gag and Env on microtubules. <i>Virology</i> , 2014 , 449, 109-19	3.6	14
74	HIV transmission. Selection bias at the heterosexual HIV-1 transmission bottleneck. <i>Science</i> , 2014 , 345, 1254031	33.3	177
73	Particle infectivity of HIV-1 full-length genome infectious molecular clones in a subtype C heterosexual transmission pair following high fidelity amplification and unbiased cloning. <i>Virology</i> , 2014 , 468-470, 454-461	3.6	17
72	Low antibody-dependent cellular cytotoxicity responses in Zambians prior to HIV-1 intrasubtype C superinfection. <i>Virology</i> , 2014 , 462-463, 295-8	3.6	6
71	Host genetics and viral load in primary HIV-1 infection: clear evidence for gene by sex interactions. <i>Human Genetics</i> , 2014 , 133, 1187-97	6.3	10
70	A restriction enzyme based cloning method to assess the in vitro replication capacity of HIV-1 subtype C Gag-MJ4 chimeric viruses. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	9

69	ROCK1 and LIM kinase modulate retrovirus particle release and cell-cell transmission events. <i>Journal of Virology</i> , 2014 , 88, 6906-21	6.6	37
68	Enhanced fusion and virion incorporation for HIV-1 subtype C envelope glycoproteins with compact V1/V2 domains. <i>Journal of Virology</i> , 2014 , 88, 2083-94	6.6	13
67	An siRNA screen of membrane trafficking genes highlights pathways common to HIV-1 and M-PMV virus assembly and release. <i>PLoS ONE</i> , 2014 , 9, e106151	3.7	8
66	Molecular identification, cloning and characterization of transmitted/founder HIV-1 subtype A, D and A/D infectious molecular clones. <i>Virology</i> , 2013 , 436, 33-48	3.6	50
65	Cumulative impact of host and viral factors on HIV-1 viral-load control during early infection. <i>Journal of Virology</i> , 2013 , 87, 708-15	6.6	44
64	HLA-B*57 versus HLA-B*81 in HIV-1 infection: slow and steady wins the race?. <i>Journal of Virology</i> , 2013 , 87, 4043-51	6.6	20
63	Viral escape from neutralizing antibodies in early subtype A HIV-1 infection drives an increase in autologous neutralization breadth. <i>PLoS Pathogens</i> , 2013 , 9, e1003173	7.6	42
62	A Mason-Pfizer Monkey virus Gag-GFP fusion vector allows visualization of capsid transport in live cells and demonstrates a role for microtubules. <i>PLoS ONE</i> , 2013 , 8, e83863	3.7	9
61	HIV transmission. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012 , 2,	5.4	197
60	Timing and source of subtype-C HIV-1 superinfection in the newly infected partner of Zambian couples with disparate viruses. <i>Retrovirology</i> , 2012 , 9, 22	3.6	23
59	HIV-1 subtype C superinfected individuals mount low autologous neutralizing antibody responses prior to intrasubtype superinfection. <i>Retrovirology</i> , 2012 , 9, 76	3.6	27
58	The structure of myristoylated Mason-Pfizer monkey virus matrix protein and the role of phosphatidylinositol-(4,5)-bisphosphate in its membrane binding. <i>Journal of Molecular Biology</i> , 2012 , 423, 427-38	6.5	30
57	Failure of a novel, rapid antigen and antibody combination test to detect antigen-positive HIV infection in African adults with early HIV infection. <i>PLoS ONE</i> , 2012 , 7, e37154	3.7	30
56	HLA-B signal peptide polymorphism influences the rate of HIV-1 acquisition but not viral load. <i>Journal of Infectious Diseases</i> , 2012 , 205, 1797-805	7	24
55	Role of transmitted Gag CTL polymorphisms in defining replicative capacity and early HIV-1 pathogenesis. <i>PLoS Pathogens</i> , 2012 , 8, e1003041	7.6	70
54	Impact of HLA-B*81-associated mutations in HIV-1 Gag on viral replication capacity. <i>Journal of Virology</i> , 2012 , 86, 3193-9	6.6	46
53	Prevalence of seroconversion symptoms and relationship to set-point viral load: findings from a subtype C epidemic, 1995-2009. <i>Aids</i> , 2012 , 26, 175-84	3.5	20
52	Differential clade-specific HLA-B*3501 association with HIV-1 disease outcome is linked to immunogenicity of a single Gag epitope. <i>Journal of Virology</i> , 2012 , 86, 12643-54	6.6	42

51	Disparate associations of HLA class I markers with HIV-1 acquisition and control of viremia in an African population. <i>PLoS ONE</i> , 2011 , 6, e23469	3.7	19
50	Indeterminate and discrepant rapid HIV test results in couples HIV testing and counselling centres in Africa. <i>Journal of the International AIDS Society</i> , 2011 , 14, 18	5.4	39
49	Association of chemokine receptor gene (CCR2-CCR5) haplotypes with acquisition and control of HIV-1 infection in Zambians. <i>Retrovirology</i> , 2011 , 8, 22	3.6	20
48	Mutagenesis of tyrosine and di-leucine motifs in the HIV-1 envelope cytoplasmic domain results in a loss of Env-mediated fusion and infectivity. <i>Retrovirology</i> , 2011 , 8, 37	3.6	33
47	Transmitted HIV type 1 drug resistance among individuals with recent HIV infection in East and Southern Africa. <i>AIDS Research and Human Retroviruses</i> , 2011 , 27, 5-12	1.6	99
46	The hypervariable HIV-1 capsid protein residues comprise HLA-driven CD8+ T-cell escape mutations and covarying HLA-independent polymorphisms. <i>Journal of Virology</i> , 2011 , 85, 1384-90	6.6	22
45	Impact of a functional KIR2DS4 allele on heterosexual HIV-1 transmission among discordant Zambian couples. <i>Journal of Infectious Diseases</i> , 2011 , 203, 487-95	7	43
44	Lack of detectable HIV-1-specific CD8(+) T cell responses in Zambian HIV-1-exposed seronegative partners of HIV-1-positive individuals. <i>Journal of Infectious Diseases</i> , 2011 , 203, 258-62	7	16
43	Human leukocyte antigen variants B*44 and B*57 are consistently favorable during two distinct phases of primary HIV-1 infection in sub-Saharan Africans with several viral subtypes. <i>Journal of Virology</i> , 2011 , 85, 8894-902	6.6	22
42	Role of donor genital tract HIV-1 diversity in the transmission bottleneck. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E1156-63	11.5	88
41	Human leukocyte antigens and HIV type 1 viral load in early and chronic infection: predominance of evolving relationships. <i>PLoS ONE</i> , 2010 , 5, e9629	3.7	31
40	CD8 T cell response and evolutionary pressure to HIV-1 cryptic epitopes derived from antisense transcription. <i>Journal of Experimental Medicine</i> , 2010 , 207, 51-9	16.6	60
39	Donor and recipient envs from heterosexual human immunodeficiency virus subtype C transmission pairs require high receptor levels for entry. <i>Journal of Virology</i> , 2010 , 84, 4100-4	6.6	52
38	Evolution of HLA-B*5703 HIV-1 escape mutations in HLA-B*5703-positive individuals and their transmission recipients. <i>Journal of Experimental Medicine</i> , 2009 , 206, 909-21	16.6	149
37	Inflammatory genital infections mitigate a severe genetic bottleneck in heterosexual transmission of subtype A and C HIV-1. <i>PLoS Pathogens</i> , 2009 , 5, e1000274	7.6	253
36	Escape from autologous neutralizing antibodies in acute/early subtype C HIV-1 infection requires multiple pathways. <i>PLoS Pathogens</i> , 2009 , 5, e1000594	7.6	154
35	Heterosexual transmission of human immunodeficiency virus type 1 subtype C: Macrophage tropism, alternative coreceptor use, and the molecular anatomy of CCR5 utilization. <i>Journal of Virology</i> , 2009 , 83, 8208-20	6.6	93
34	The impact of altered polyprotein ratios on the assembly and infectivity of Mason-Pfizer monkey virus. <i>Virology</i> , 2009 , 384, 59-68	3.6	4

33	Adaptation of HIV-1 to human leukocyte antigen class I. <i>Nature</i> , 2009 , 458, 641-5	50.4	361
32	Genetic identity, biological phenotype, and evolutionary pathways of transmitted/founder viruses in acute and early HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1273-89	16.6	600
31	Transmission of HIV-1 Gag immune escape mutations is associated with reduced viral load in linked recipients. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1009-17	16.6	187
30	Deciphering human immunodeficiency virus type 1 transmission and early envelope diversification by single-genome amplification and sequencing. <i>Journal of Virology</i> , 2008 , 82, 3952-70	6.6	487
29	Human leukocyte antigen class I genotypes in relation to heterosexual HIV type 1 transmission within discordant couples. <i>Journal of Immunology</i> , 2008 , 181, 2626-35	5.3	41
28	D-retrovirus morphogenetic switch driven by the targeting signal accessibility to Tctex-1 of dynein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10565-70	11.5	39
27	Compensatory mutation partially restores fitness and delays reversion of escape mutation within the immunodominant HLA-B*5703-restricted Gag epitope in chronic human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , 2007 , 81, 8346-51	6.6	186
26	Basic residues in the Mason-Pfizer monkey virus gag matrix domain regulate intracellular trafficking and capsid-membrane interactions. <i>Journal of Virology</i> , 2007 , 81, 8977-88	6.6	52
25	Escape and compensation from early HLA-B57-mediated cytotoxic T-lymphocyte pressure on human immunodeficiency virus type 1 Gag alter capsid interactions with cyclophilin A. <i>Journal of Virology</i> , 2007 , 81, 12608-18	6.6	224
24	Unique mutational patterns in the envelope alpha 2 amphipathic helix and acquisition of length in gp120 hypervariable domains are associated with resistance to autologous neutralization of subtype C human immunodeficiency virus type 1. <i>Journal of Virology</i> , 2007 , 81, 5658-68	6.6	82
23	Investigating the utility of the HIV-1 BED capture enzyme immunoassay using cross-sectional and longitudinal seroconverter specimens from Africa. <i>Aids</i> , 2007 , 21, 403-8	3.5	93
22	Distinct roles for nucleic acid in in vitro assembly of purified Mason-Pfizer monkey virus CANC proteins. <i>Journal of Virology</i> , 2006 , 80, 7089-99	6.6	33
21	Genetic and neutralization properties of subtype C human immunodeficiency virus type 1 molecular env clones from acute and early heterosexually acquired infections in Southern Africa. <i>Journal of Virology</i> , 2006 , 80, 11776-90	6.6	311
20	Evidence for potent autologous neutralizing antibody titers and compact envelopes in early infection with subtype C human immunodeficiency virus type 1. <i>Journal of Virology</i> , 2006 , 80, 5211-8	6.6	144
19	Antigenic conservation and immunogenicity of the HIV coreceptor binding site. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1407-19	16.6	264
18	Amino acid residues in the cytoplasmic domain of the Mason-Pfizer monkey virus glycoprotein critical for its incorporation into virions. <i>Journal of Virology</i> , 2005 , 79, 11559-68	6.6	8
17	Envelope-constrained neutralization-sensitive HIV-1 after heterosexual transmission. <i>Science</i> , 2004 , 303, 2019-22	33.3	509
16	An early stage of Mason-Pfizer monkey virus budding is regulated by the hydrophobicity of the Gag matrix domain core. <i>Journal of Virology</i> , 2004 , 78, 5023-31	6.6	14

15	The M-PMV cytoplasmic targeting-retention signal directs nascent Gag polypeptides to a pericentriolar region of the cell. <i>Traffic</i> , 2003 , 4, 660-70	5.7	94
14	M-PMV capsid transport is mediated by Env/Gag interactions at the pericentriolar recycling endosome. <i>Traffic</i> , 2003 , 4, 671-80	5.7	96
13	A tyrosine motif in the cytoplasmic domain of mason-pfizer monkey virus is essential for the incorporation of glycoprotein into virions. <i>Journal of Virology</i> , 2003 , 77, 5192-200	6.6	23
12	Mutation of the dominant endocytosis motif in human immunodeficiency virus type 1 gp41 can complement matrix mutations without increasing Env incorporation. <i>Journal of Virology</i> , 2002 , 76, 3338-49	6.6	45
11	Molecular epidemiology of human immunodeficiency virus type 1 transmission in a heterosexual cohort of discordant couples in Zambia. <i>Journal of Virology</i> , 2002 , 76, 397-405	6.6	142
10	Type D retrovirus Gag polyprotein interacts with the cytosolic chaperonin TRiC. <i>Journal of Virology</i> , 2001 , 75, 2526-34	6.6	52
9	Role of matrix protein in the type D retrovirus replication cycle: importance of the arginine residue at position 55. <i>Virology</i> , 2000 , 268, 533-8	3.6	13
8	Sensitivity of human immunodeficiency virus type 1 to the fusion inhibitor T-20 is modulated by coreceptor specificity defined by the V3 loop of gp120. <i>Journal of Virology</i> , 2000 , 74, 8358-67	6.6	644
7	Separate assembly and transport domains within the Gag precursor of Mason-Pfizer monkey virus. <i>Journal of Virology</i> , 1999 , 73, 8073-82	6.6	35
6	Identification of a cytoplasmic targeting/retention signal in a retroviral Gag polyprotein. <i>Journal of Virology</i> , 1999 , 73, 5431-7	6.6	50
5	The three-dimensional solution structure of the matrix protein from the type D retrovirus, the Mason-Pfizer monkey virus, and implications for the morphology of retroviral assembly. <i>EMBO Journal</i> , 1997 , 16, 5819-26	13	54
4	A single amino acid substitution within the matrix protein of a type D retrovirus converts its morphogenesis to that of a type C retrovirus. <i>Cell</i> , 1990 , 63, 77-86	56.2	152
3	Selective HLA Restriction Permits the Evaluation and Interpretation of Immunogenic Breadth at Comparable Levels to Autologous HLA		2
2	Utilizing Computational Machine Learning Tools to Understand Immunogenic Breadth in the Context of a CD8 T-Cell Mediated HIV Response		1
1	OMEGA: a software tool for the management, analysis, and dissemination of intracellular trafficking data that incorporates motion type classification and quality control		3