

# Steven M Wolinsky

## List of Publications by Citations

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184  
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21,377  
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L-index

#	Paper	IF	Citations
178	The role of a mutant CCR5 allele in HIV-1 transmission and disease progression. <i>Nature Medicine</i> , <b>1996</b> , 2, 1240-3	50.5	1201
177	HIV preferentially infects HIV-specific CD4+ T cells. <i>Nature</i> , <b>2002</b> , 417, 95-8	50.4	998
176	Sexual transmission and propagation of SIV and HIV in resting and activated CD4+ T cells. <i>Science</i> , <b>1999</b> , 286, 1353-7	33.3	743
175	Timing the ancestor of the HIV-1 pandemic strains. <i>Science</i> , <b>2000</b> , 288, 1789-96	33.3	712
174	Tat-specific cytotoxic T lymphocytes select for SIV escape variants during resolution of primary viraemia. <i>Nature</i> , <b>2000</b> , 407, 386-90	50.4	622
173	Cellular targets of infection and route of viral dissemination after an intravaginal inoculation of simian immunodeficiency virus into rhesus macaques. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 183, 215-25	16.6	609
172	Relative resistance to HIV-1 infection of CD4 lymphocytes from persons who remain uninfected despite multiple high-risk sexual exposure. <i>Nature Medicine</i> , <b>1996</b> , 2, 412-7	50.5	584
171	Eventual AIDS vaccine failure in a rhesus monkey by viral escape from cytotoxic T lymphocytes. <i>Nature</i> , <b>2002</b> , 415, 335-9	50.4	583
170	Persistence of HIV-1 transcription in peripheral-blood mononuclear cells in patients receiving potent antiretroviral therapy. <i>New England Journal of Medicine</i> , <b>1999</b> , 340, 1614-22	59.2	527
169	Persistent HIV-1 replication maintains the tissue reservoir during therapy. <i>Nature</i> , <b>2016</b> , 530, 51-56	50.4	419
168	Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods. <i>New England Journal of Medicine</i> , <b>1989</b> , 320, 1458-62	59.2	394
167	Direct evidence of extensive diversity of HIV-1 in Kinshasa by 1960. <i>Nature</i> , <b>2008</b> , 455, 661-4	50.4	379
166	A chemokine receptor CCR2 allele delays HIV-1 disease progression and is associated with a CCR5 promoter mutation. <i>Nature Medicine</i> , <b>1998</b> , 4, 350-3	50.5	377
165	Microbial translocation is associated with increased monocyte activation and dementia in AIDS patients. <i>PLoS ONE</i> , <b>2008</b> , 3, e2516	3.7	369
164	Propagation and dissemination of infection after vaginal transmission of simian immunodeficiency virus. <i>Journal of Virology</i> , <b>2005</b> , 79, 9217-27	6.6	360
163	Human papillomavirus type 16 and 18 gene expression in cervical neoplasias. <i>Human Pathology</i> , <b>1992</b> , 23, 117-28	3.7	360
162	Reversion of CTL escape-variant immunodeficiency viruses in vivo. <i>Nature Medicine</i> , <b>2004</b> , 10, 275-81	50.5	332

161	Common genetic variation and the control of HIV-1 in humans. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000791	6	310
160	Measuring recent thymic emigrants in blood of normal and HIV-1-infected individuals before and after effective therapy. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 190, 725-32	16.6	302
159	Advantage of rare HLA supertype in HIV disease progression. <i>Nature Medicine</i> , <b>2003</b> , 9, 928-35	50.5	280
158	Influence of HLA-C expression level on HIV control. <i>Science</i> , <b>2013</b> , 340, 87-91	33.3	277
157	Differential microRNA regulation of HLA-C expression and its association with HIV control. <i>Nature</i> , <b>2011</b> , 472, 495-8	50.4	261
156	Defining APOBEC3 expression patterns in human tissues and hematopoietic cell subsets. <i>Journal of Virology</i> , <b>2009</b> , 83, 9474-85	6.6	252
155	Macrophage tropism of human immunodeficiency virus type 1 isolates from brain and lymphoid tissues predicts neurotropism independent of coreceptor specificity. <i>Journal of Virology</i> , <b>2001</b> , 75, 10073-89	6.6	251
154	Rapid detection of herpes-simplex-virus DNA in cerebrospinal fluid of patients with herpes simplex encephalitis. <i>Lancet, The</i> , <b>1990</b> , 335, 440-1	40	250
153	APOBEC3G inhibits elongation of HIV-1 reverse transcripts. <i>PLoS Pathogens</i> , <b>2008</b> , 4, e1000231	7.6	247
152	T cell receptor recognition motifs govern immune escape patterns in acute SIV infection. <i>Immunity</i> , <b>2004</b> , 21, 793-803	32.3	245
151	The Use of Nanoarrays for Highly Sensitive and Selective Detection of Human Immunodeficiency Virus Type 1 in Plasma. <i>Nano Letters</i> , <b>2004</b> , 4, 1869-1872	11.5	216
150	Increased CCR5 affinity and reduced CCR5/CD4 dependence of a neurovirulent primary human immunodeficiency virus type 1 isolate. <i>Journal of Virology</i> , <b>2002</b> , 76, 6277-92	6.6	197
149	Differentiation-linked human papillomavirus types 6 and 11 transcription in genital condylomata revealed by in situ hybridization with message-specific RNA probes. <i>Virology</i> , <b>1989</b> , 172, 331-40	3.6	190
148	Genetic and phenotypic analyses of human immunodeficiency virus type 1 escape from a small-molecule CCR5 inhibitor. <i>Journal of Virology</i> , <b>2004</b> , 78, 2790-807	6.6	179
147	Immunization of rhesus macaques with a DNA prime/modified vaccinia virus Ankara boost regimen induces broad simian immunodeficiency virus (SIV)-specific T-cell responses and reduces initial viral replication but does not prevent disease progression following challenge with pathogenic SIVmac239. <i>Journal of Virology</i> , <b>2002</b> , 76, 7187-202	6.6	177
146	Collagen deposition in HIV-1 infected lymphatic tissues and T cell homeostasis. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 110, 1133-1139	15.9	169
145	Major histocompatibility complex class I alleles associated with slow simian immunodeficiency virus disease progression bind epitopes recognized by dominant acute-phase cytotoxic-T-lymphocyte responses. <i>Journal of Virology</i> , <b>2003</b> , 77, 9029-40	6.6	160
144	Viral escape from dominant simian immunodeficiency virus epitope-specific cytotoxic T lymphocytes in DNA-vaccinated rhesus monkeys. <i>Journal of Virology</i> , <b>2003</b> , 77, 7367-75	6.6	145

143	Genetic and functional analysis of full-length human immunodeficiency virus type 1 env genes derived from brain and blood of patients with AIDS. <i>Journal of Virology</i> , <b>2003</b> , 77, 12336-45	6.6	141
142	The HIV Env variant N283 enhances macrophage tropism and is associated with brain infection and dementia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 15160-5	11.5	138
141	Immunologic and virologic response to highly active antiretroviral therapy in the Multicenter AIDS Cohort Study. <i>Aids</i> , <b>2001</b> , 15, 735-46	3.5	135
140	Collagen deposition in HIV-1 infected lymphatic tissues and T cell homeostasis. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 110, 1133-9	15.9	132
139	Use of a small molecule CCR5 inhibitor in macaques to treat simian immunodeficiency virus infection or prevent simian-human immunodeficiency virus infection. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 198, 1551-62	16.6	130
138	HIV-1 evolution and disease progression. <i>Science</i> , <b>1996</b> , 274, 1008-11	33.3	121
137	Genetic composition of human immunodeficiency virus type 1 in cerebrospinal fluid and blood without treatment and during failing antiretroviral therapy. <i>Journal of Virology</i> , <b>2005</b> , 79, 1772-88	6.6	119
136	A novel variant marking HLA-DP expression levels predicts recovery from hepatitis B virus infection. <i>Journal of Virology</i> , <b>2012</b> , 86, 6979-85	6.6	112
135	Copy number variation of KIR genes influences HIV-1 control. <i>PLoS Biology</i> , <b>2011</b> , 9, e1001208	9.7	111
134	A polymorphism in the regulatory region of the CC-chemokine receptor 5 gene influences perinatal transmission of human immunodeficiency virus type 1 to African-American infants. <i>Journal of Virology</i> , <b>1999</b> , 73, 10264-71	6.6	111
133	Polymorphisms of large effect explain the majority of the host genetic contribution to variation of HIV-1 virus load. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14658-63	11.5	108
132	Chemokine coreceptor usage by diverse primary isolates of human immunodeficiency virus type 1. <i>Journal of Virology</i> , <b>1998</b> , 72, 9307-12	6.6	99
131	Human immunodeficiency virus type 1 (HIV-1) infection a median of 18 months before a diagnostic western blot. Evidence from a cohort of homosexual men. <i>Annals of Internal Medicine</i> , <b>1989</b> , 111, 961-72 <sup>8</sup>		98
130	Public health. A sound rationale needed for phase III HIV-1 vaccine trials. <i>Science</i> , <b>2004</b> , 303, 316	33.3	96
129	Multispecific vaccine-induced mucosal cytotoxic T lymphocytes reduce acute-phase viral replication but fail in long-term control of simian immunodeficiency virus SIVmac239. <i>Journal of Virology</i> , <b>2003</b> , 77, 13348-60	6.6	95
128	Macrophage entry mediated by HIV Envs from brain and lymphoid tissues is determined by the capacity to use low CD4 levels and overall efficiency of fusion. <i>Virology</i> , <b>2007</b> , 360, 105-19	3.6	94
127	Human APOBEC3G-mediated editing can promote HIV-1 sequence diversification and accelerate adaptation to selective pressure. <i>Journal of Virology</i> , <b>2010</b> , 84, 10402-5	6.6	90
126	Elevated expression impairs HIV control through inhibition of NKG2A-expressing cells. <i>Science</i> , <b>2018</b> , 359, 86-90	33.3	89

125	The Ariel Project: A prospective cohort study of maternal-child transmission of human immunodeficiency virus type 1 in the era of maternal antiretroviral therapy. <i>Journal of Infectious Diseases</i> , <b>1999</b> , 179, 319-28	7	89
124	Association study of common genetic variants and HIV-1 acquisition in 6,300 infected cases and 7,200 controls. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003515	7.6	86
123	Suppression of HIV-1 infection by APOBEC3 proteins in primary human CD4(+) T cells is associated with inhibition of processive reverse transcription as well as excessive cytidine deamination. <i>Journal of Virology</i> , <b>2013</b> , 87, 1508-17	6.6	83
122	Simian-human immunodeficiency virus escape from cytotoxic T-lymphocyte recognition at a structurally constrained epitope. <i>Journal of Virology</i> , <b>2003</b> , 77, 12572-8	6.6	83
121	The multicenter AIDS Cohort Study, 1983 to 2005. <i>Public Health</i> , <b>2012</b> , 126, 196-198	4	79
120	Propagation and Dissemination of Infection after Vaginal Transmission of Simian Immunodeficiency Virus. <i>Journal of Virology</i> , <b>2005</b> , 79, 11552-11552	6.6	78
119	Functional dissection of CCR5 coreceptor function through the use of CD4-independent simian immunodeficiency virus strains. <i>Journal of Virology</i> , <b>1999</b> , 73, 4062-73	6.6	78
118	Lack of viral escape and defective in vivo activation of human immunodeficiency virus type 1-specific cytotoxic T lymphocytes in rapidly progressive infection. <i>Journal of Virology</i> , <b>1999</b> , 73, 5509-19	6.6	78
117	Loss of the N-linked glycosylation site at position 386 in the HIV envelope V4 region enhances macrophage tropism and is associated with dementia. <i>Virology</i> , <b>2007</b> , 367, 222-34	3.6	77
116	Genetic interplay between HLA-C and MIR148A in HIV control and Crohn disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 20705-10	11.5	74
115	Endogenous MOV10 inhibits the retrotransposition of endogenous retroelements but not the replication of exogenous retroviruses. <i>Retrovirology</i> , <b>2012</b> , 9, 53	3.6	71
114	Limitations of a molecular clock applied to considerations of the origin of HIV-1. <i>Science</i> , <b>1998</b> , 280, 1868-71	3.3	70
113	CD16+ monocytes exposed to HIV promote highly efficient viral replication upon differentiation into macrophages and interaction with T cells. <i>Virology</i> , <b>2006</b> , 344, 267-76	3.6	69
112	The prolonged culture of human immunodeficiency virus type 1 in primary lymphocytes increases its sensitivity to neutralization by soluble CD4. <i>Virology</i> , <b>2004</b> , 321, 8-22	3.6	66
111	Genetic evaluation of suspected cases of transient HIV-1 infection of infants. <i>Science</i> , <b>1998</b> , 280, 1073-7	3.3	66
110	Human APOBEC3 induced mutation of human immunodeficiency virus type-1 contributes to adaptation and evolution in natural infection. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004281	7.6	65
109	Epitope escape mutation and decay of human immunodeficiency virus type 1-specific CTL responses. <i>Journal of Immunology</i> , <b>2003</b> , 171, 5372-9	5.3	64
108	Persistent abnormalities in lymphoid tissues of human immunodeficiency virus-infected patients successfully treated with highly active antiretroviral therapy. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 186, 1092-7	7	63

107	Association between maternal and infant class I and II HLA alleles and of their concordance with the risk of perinatal HIV type 1 transmission. <i>AIDS Research and Human Retroviruses</i> , <b>2002</b> , 18, 741-6	1.6	62
106	Distinct assembly profiles of HLA-B molecules. <i>Journal of Immunology</i> , <b>2014</b> , 192, 4967-76	5.3	61
105	Route of simian immunodeficiency virus inoculation determines the complexity but not the identity of viral variant populations that infect rhesus macaques. <i>Journal of Virology</i> , <b>2001</b> , 75, 3753-65	6.6	61
104	Immune impairment and metastatic tumor growth: the need for an immunorestorative drug as an adjunct to surgery. <i>Cancer</i> , <b>1979</b> , 43, 945-51	6.4	61
103	HIV sequence compendium 2002		61
102	Multistage genomewide association study identifies a locus at 1q41 associated with rate of HIV-1 disease progression to clinical AIDS. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 201, 618-26	7	60
101	Genomic Epidemiology Reconstructs the Introduction and Spread of Zika Virus in Central America and Mexico. <i>Cell Host and Microbe</i> , <b>2018</b> , 23, 855-864.e7	23.4	60
100	CCL3L1 and HIV/AIDS susceptibility. <i>Nature Medicine</i> , <b>2009</b> , 15, 1112-5	50.5	57
99	Frequent detection of escape from cytotoxic T-lymphocyte recognition in perinatal human immunodeficiency virus (HIV) type 1 transmission: the ariel project for the prevention of transmission of HIV from mother to infant. <i>Journal of Virology</i> , <b>1999</b> , 73, 3975-85	6.6	56
98	Persistence of dual-tropic HIV-1 in an individual homozygous for the CCR5 Delta 32 allele. <i>Lancet, The</i> , <b>2002</b> , 359, 1832-4	40	55
97	Analysis of alternatively spliced human immunodeficiency virus type-1 mRNA species, one of which encodes a novel tat-env fusion protein. <i>Virology</i> , <b>1991</b> , 185, 258-70	3.6	55
96	Detection of HIV-1 p24 Gag in plasma by a nanoparticle-based bio-barcode-amplification method. <i>Nanomedicine</i> , <b>2008</b> , 3, 293-303	5.6	54
95	Recombinant structures expand and contract inter and intragenic diversification at the KIR locus. <i>BMC Genomics</i> , <b>2013</b> , 14, 89	4.5	53
94	Dynamic immune responses maintain cytotoxic T lymphocyte epitope mutations in transmitted simian immunodeficiency virus variants. <i>Nature Immunology</i> , <b>2005</b> , 6, 247-52	19.1	52
93	Effects of cytotoxic T lymphocytes (CTL) directed against a single simian immunodeficiency virus (SIV) Gag CTL epitope on the course of SIVmac239 infection. <i>Journal of Virology</i> , <b>2002</b> , 76, 10507-11	6.6	51
92	Epidemiology of genital herpes simplex virus infection. <i>Epidemiologic Reviews</i> , <b>1985</b> , 7, 127-46	4.1	50
91	LILRB2 interaction with HLA class I correlates with control of HIV-1 infection. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004196	6	49
90	Communication. Scientific collaborations at a distance. <i>Science</i> , <b>2001</b> , 292, 2254-5	33.3	48

89	Effect of a CCR5 inhibitor on viral loads in macaques dual-infected with R5 and X4 primate immunodeficiency viruses. <i>Virology</i> , <b>2004</b> , 328, 19-29	3.6	46
88	Search for highly conserved viral and bacterial nucleic acid sequences corresponding to an etiologic agent of Kawasaki disease. <i>Pediatric Research</i> , <b>1994</b> , 36, 567-71	3.2	46
87	Preservation of tetherin and CD4 counter-activities in circulating Vpu alleles despite extensive sequence variation within HIV-1 infected individuals. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003895	7.6	44
86	Gold nanoparticle-mediated gene delivery induces widespread changes in the expression of innate immunity genes. <i>Gene Therapy</i> , <b>2012</b> , 19, 347-53	4	43
85	RANTES production from CD4+ lymphocytes correlates with host genotype and rates of human immunodeficiency virus type 1 disease progression. <i>Journal of Infectious Diseases</i> , <b>2001</b> , 183, 1678-81	7	42
84	Efficient processing of the immunodominant, HLA-A*0201-restricted human immunodeficiency virus type 1 cytotoxic T-lymphocyte epitope despite multiple variations in the epitope flanking sequences. <i>Journal of Virology</i> , <b>1999</b> , 73, 10191-8	6.6	42
83	HIV-1 replication and APOBEC3 antiviral activity are not regulated by P bodies. <i>Journal of Virology</i> , <b>2012</b> , 86, 11712-24	6.6	41
82	Enzymatic amplification of the human immunodeficiency virus in peripheral blood mononuclear cells from pediatric patients. <i>Journal of Infectious Diseases</i> , <b>1989</b> , 160, 954-9	7	40
81	Comprehensive innate immune profiling of chikungunya virus infection in pediatric cases. <i>Molecular Systems Biology</i> , <b>2018</b> , 14, e7862	12.2	40
80	Serum levels of the chemokine CXCL13, genetic variation in CXCL13 and its receptor CXCR5, and HIV-associated non-hodgkin B-cell lymphoma risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2013</b> , 22, 295-307	4	39
79	Changes in the V3 region of gp120 contribute to unusually broad coreceptor usage of an HIV-1 isolate from a CCR5 Delta32 heterozygote. <i>Virology</i> , <b>2007</b> , 362, 163-78	3.6	39
78	A genome-wide association study of resistance to HIV infection in highly exposed uninfected individuals with hemophilia A. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 1903-10	5.6	37
77	Immune failure in the absence of profound CD4+ T-lymphocyte depletion in simian immunodeficiency virus-infected rapid progressor macaques. <i>Journal of Virology</i> , <b>2004</b> , 78, 275-84	6.6	37
76	A real-time PCR-based method for determining the surface coverage of thiol-capped oligonucleotides bound onto gold nanoparticles. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, e54	20.1	34
75	Identification of three NFAT binding motifs in the 5Qupstream region of the human CD3gamma gene that differentially bind NFATc1, NFATc2, and NF-kappa B p50. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 47136-48	5.4	33
74	HIV-1 sequence variation between isolates from mother-infant transmission pairs. <i>AIDS Research and Human Retroviruses</i> , <b>1992</b> , 8, 1297-300	1.6	33
73	The association between APOL1 risk alleles and longitudinal kidney function differs by HIV viral suppression status. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 60, 646-52	11.6	32
72	Increased loss of CCR5+ CD45RA- CD4+ T cells in CD8+ lymphocyte-depleted Simian immunodeficiency virus-infected rhesus monkeys. <i>Journal of Virology</i> , <b>2008</b> , 82, 5618-30	6.6	31

71	Efficient entry inhibition of human and nonhuman primate immunodeficiency virus by cell surface-expressed gp41-derived peptides. <i>Gene Therapy</i> , <b>2008</b> , 15, 1210-22	4	30
70	Increased sequence diversity coverage improves detection of HIV-specific T cell responses. <i>Journal of Immunology</i> , <b>2007</b> , 179, 6638-50	5.3	30
69	Rapid detection of cytomegalovirus DNA and RNA in blood of renal transplant patients by in vitro enzymatic amplification. <i>Transplantation</i> , <b>1991</b> , 51, 1028-33	1.8	30
68	HIV-1 inpatient sequence diversity in the immunogenic V3 region. <i>AIDS Research and Human Retroviruses</i> , <b>1992</b> , 8, 1461-5	1.6	30
67	Killer cell immunoglobulin-like receptor 3DL1 variation modifies HLA-B*57 protection against HIV-1. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1903-1912	15.9	30
66	Hepatitis C virus genotype 1a NS5A pretreatment sequence variation and viral kinetics in African American and white patients. <i>Journal of Infectious Diseases</i> , <b>2005</b> , 192, 1078-87	7	29
65	When to initiate highly active antiretroviral therapy: a cohort approach. <i>American Journal of Epidemiology</i> , <b>2003</b> , 157, 738-46	3.8	29
64	Differential MHC class I expression in distinct leukocyte subsets. <i>BMC Immunology</i> , <b>2011</b> , 12, 39	3.7	27
63	Retroviral recombination in vivo: viral replication patterns and genetic structure of simian immunodeficiency virus (SIV) populations in rhesus macaques after simultaneous or sequential intravaginal inoculation with SIVmac239Deltavpx/Deltavpr and SIVmac239Deltanef. <i>Journal of Virology</i> , <b>2005</b> , 79, 4886-95	6.6	26
62	Bioinformatic prediction programs underestimate the frequency of CXCR4 usage by R5X4 HIV type 1 in brain and other tissues. <i>AIDS Research and Human Retroviruses</i> , <b>2008</b> , 24, 1215-20	1.6	24
61	Cellular and humoral immune responses to a tetanus toxoid booster in perinatally HIV-1-infected children and adolescents receiving highly active antiretroviral therapy (HAART). <i>European Journal of Pediatrics</i> , <b>2007</b> , 166, 51-6	4.1	24
60	Persistent HIV-1-specific cellular responses despite prolonged therapeutic viral suppression. <i>Aids</i> , <b>2002</b> , 16, 161-70	3.5	24
59	NFAT and IRF proteins regulate transcription of the anti-HIV gene, APOBEC3G. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 2567-77	5.4	23
58	Analysis of a biallelic polymorphism in the tumor necrosis factor alpha promoter and HIV type 1 disease progression. <i>AIDS Research and Human Retroviruses</i> , <b>1998</b> , 14, 305-9	1.6	23
57	Comprehensive Immunoprofiling of Pediatric Zika Reveals Key Role for Monocytes in the Acute Phase and No Effect of Prior Dengue Virus Infection. <i>Cell Reports</i> , <b>2020</b> , 31, 107569	10.6	22
56	Comparison of intradermal and intramuscular delivery followed by in vivo electroporation of SIV Env DNA in macaques. <i>Human Vaccines and Immunotherapeutics</i> , <b>2013</b> , 9, 2081-94	4.4	22
55	Genetic associations of variants in genes encoding HIV-dependency factors required for HIV-1 infection. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202, 1836-45	7	22
54	Quantification of human immunodeficiency virus type 1 tat mRNA as a marker for assessing the efficacy of antiretroviral therapy. <i>Journal of Infectious Diseases</i> , <b>1993</b> , 167, 213-6	7	22



53	The HLA-B/-C haplotype block contains major determinants for host control of HIV. <i>Genes and Immunity</i> , <b>2009</b> , 10, 673-7	4.4	21
52	B-cell activation induced microRNA-21 is elevated in circulating B cells preceding the diagnosis of AIDS-related non-Hodgkin lymphomas. <i>Aids</i> , <b>2012</b> , 26, 1177-80	3.5	21
51	Contribution of CD8+ T cells to containment of viral replication and emergence of mutations in Mamu-A*01-restricted epitopes in Simian immunodeficiency virus-infected rhesus monkeys. <i>Journal of Virology</i> , <b>2008</b> , 82, 5631-5	6.6	19
50	High frequency of defective vpu compared with tat and rev genes in brain from patients with HIV type 1-associated dementia. <i>AIDS Research and Human Retroviruses</i> , <b>2007</b> , 23, 575-80	1.6	19
49	Evaluating the Impact of Functional Genetic Variation on HIV-1 Control. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 216, 1063-1069	7	18
48	Identification of Siglec-1 null individuals infected with HIV-1. <i>Nature Communications</i> , <b>2016</b> , 7, 12412	17.4	18
47	Absence of xenotropic murine leukemia virus-related virus in blood cells of men at risk for and infected with HIV. <i>Aids</i> , <b>2010</b> , 24, 1784-5	3.5	18
46	Emergence of cytotoxic T lymphocyte escape mutants following antiretroviral treatment suspension in rhesus macaques infected with SIVmac251. <i>Virology</i> , <b>2003</b> , 305, 210-8	3.6	18
45	Structure and function of CC-chemokine receptor 5 homologues derived from representative primate species and subspecies of the taxonomic suborders Prosimii and Anthropoidea. <i>Journal of Virology</i> , <b>2003</b> , 77, 12310-8	6.6	18
44	HLA tapasin independence: broader peptide repertoire and HIV control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 28232-28238	11.5	18
43	Lipid Profiles and APOE4 Allele Impact Midlife Cognitive Decline in HIV-Infected Men on Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 63, 1130-1139	11.6	18
42	Effect of marijuana smoking on pulmonary disease in HIV-infected and uninfected men: a longitudinal cohort study. <i>EClinicalMedicine</i> , <b>2019</b> , 7, 55-64	11.3	17
41	Diagnosis of infection with the human immunodeficiency virus. <i>Journal of Infectious Diseases</i> , <b>1989</b> , 159, 320-3	7	17
40	A prospective study of serum microbial translocation biomarkers and risk of AIDS-related non-Hodgkin lymphoma. <i>Aids</i> , <b>2018</b> , 32, 945-954	3.5	15
39	Human metapneumovirus infection in chimpanzees, United States. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 2115-8	10.2	14
38	GB virus C and mortality from HIV infection. <i>New England Journal of Medicine</i> , <b>2001</b> , 345, 761-2	59.2	14
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