

Nicolas Chomont

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2273415/nicolas-chomont-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

181
papers

11,485
citations

54
h-index

104
g-index

200
ext. papers

14,258
ext. citations

9.9
avg, IF

6
L-index

#	Paper	IF	Citations
181	HIV reservoir size and persistence are driven by T cell survival and homeostatic proliferation. <i>Nature Medicine</i> , 2009 , 15, 893-900	50.5	1219
180	Upregulation of PD-1 expression on HIV-specific CD8+ T cells leads to reversible immune dysfunction. <i>Nature Medicine</i> , 2006 , 12, 1198-202	50.5	1171
179	Towards an HIV cure: a global scientific strategy. <i>Nature Reviews Immunology</i> , 2012 , 12, 607-14	36.5	414
178	Activation of HIV transcription with short-course vorinostat in HIV-infected patients on suppressive antiretroviral therapy. <i>PLoS Pathogens</i> , 2014 , 10, e1004473	7.6	358
177	The Depsipeptide Romidepsin Reverses HIV-1 Latency In Vivo. <i>PLoS Pathogens</i> , 2015 , 11, e1005142	7.6	352
176	Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. <i>Science Translational Medicine</i> , 2015 , 7, 319ra206	17.5	308
175	International AIDS Society global scientific strategy: towards an HIV cure 2016. <i>Nature Medicine</i> , 2016 , 22, 839-50	50.5	303
174	Immune activation and HIV persistence: implications for curative approaches to HIV infection. <i>Immunological Reviews</i> , 2013 , 254, 326-42	11.3	251
173	Impact of multi-targeted antiretroviral treatment on gut T cell depletion and HIV reservoir seeding during acute HIV infection. <i>PLoS ONE</i> , 2012 , 7, e33948	3.7	242
172	HIV persistence and the prospect of long-term drug-free remissions for HIV-infected individuals. <i>Science</i> , 2010 , 329, 174-80	33.3	238
171	CD4+ T Cells Expressing PD-1, TIGIT and LAG-3 Contribute to HIV Persistence during ART. <i>PLoS Pathogens</i> , 2016 , 12, e1005761	7.6	232
170	Peripheral blood CCR4+CCR6+ and CXCR3+CCR6+CD4+ T cells are highly permissive to HIV-1 infection. <i>Journal of Immunology</i> , 2010 , 184, 1604-16	5.3	219
169	Identification of Genetically Intact HIV-1 Proviruses in Specific CD4 T Cells from Effectively Treated Participants. <i>Cell Reports</i> , 2017 , 21, 813-822	10.6	187
168	A Novel Assay to Measure the Magnitude of the Inducible Viral Reservoir in HIV-infected Individuals. <i>EBioMedicine</i> , 2015 , 2, 874-83	8.8	178
167	Interleukin-7 promotes HIV persistence during antiretroviral therapy. <i>Blood</i> , 2013 , 121, 4321-9	2.2	166
166	The Tat Inhibitor Didehydro-Cortistatin A Prevents HIV-1 Reactivation from Latency. <i>MBio</i> , 2015 , 6, e00465-15	7.5	149
165	Rapid HIV RNA rebound after antiretroviral treatment interruption in persons durably suppressed in Fiebig I acute HIV infection. <i>Nature Medicine</i> , 2018 , 24, 923-926	50.5	146

164	Cross-clade ultrasensitive PCR-based assays to measure HIV persistence in large-cohort studies. <i>Journal of Virology</i> , 2014 , 88, 12385-96	6.6	144
163	Persistent, Albeit Reduced, Chronic Inflammation in Persons Starting Antiretroviral Therapy in Acute HIV Infection. <i>Clinical Infectious Diseases</i> , 2017 , 64, 124-131	11.6	140
162	HIV DNA Set Point is Rapidly Established in Acute HIV Infection and Dramatically Reduced by Early ART. <i>EBioMedicine</i> , 2016 , 11, 68-72	8.8	139
161	Transcription factor FOXO3a controls the persistence of memory CD4(+) T cells during HIV infection. <i>Nature Medicine</i> , 2008 , 14, 266-74	50.5	123
160	An analog of the natural steroidal alkaloid cortistatin A potently suppresses Tat-dependent HIV transcription. <i>Cell Host and Microbe</i> , 2012 , 12, 97-108	23.4	122
159	HIV-1 persistence following extremely early initiation of antiretroviral therapy (ART) during acute HIV-1 infection: An observational study. <i>PLoS Medicine</i> , 2017 , 14, e1002417	11.6	122
158	Single-Cell Characterization of Viral Translation-Competent Reservoirs in HIV-Infected Individuals. <i>Cell Host and Microbe</i> , 2016 , 20, 368-380	23.4	113
157	Single-cell characterization and quantification of translation-competent viral reservoirs in treated and untreated HIV infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007619	7.6	104
156	Cervicovaginal secretory antibodies to human immunodeficiency virus type 1 (HIV-1) that block viral transcytosis through tight epithelial barriers in highly exposed HIV-1-seronegative African women. <i>Journal of Infectious Diseases</i> , 2001 , 184, 1412-22	7	100
155	Programmed cell death-1 contributes to the establishment and maintenance of HIV-1 latency. <i>Aids</i> , 2018 , 32, 1491-1497	3.5	92
154	PD-1 blockade potentiates HIV latency reversal ex vivo in CD4 T cells from ART-suppressed individuals. <i>Nature Communications</i> , 2019 , 10, 814	17.4	91
153	HIV persists in CCR6+CD4+ T cells from colon and blood during antiretroviral therapy. <i>Aids</i> , 2017 , 31, 35-48	3.5	90
152	Reduced markers of HIV persistence and restricted HIV-specific immune responses after early antiretroviral therapy in children. <i>Aids</i> , 2014 , 28, 1015-20	3.5	90
151	How does the timing of antiretroviral therapy initiation in acute infection affect HIV reservoirs?. <i>Current Opinion in HIV and AIDS</i> , 2015 , 10, 18-28	4.2	88
150	Valproic acid in association with highly active antiretroviral therapy for reducing systemic HIV-1 reservoirs: results from a multicentre randomized clinical study. <i>HIV Medicine</i> , 2012 , 13, 291-6	2.7	85
149	Interleukin-21 combined with ART reduces inflammation and viral reservoir in SIV-infected macaques. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4497-513	15.9	81
148	Loss of memory B cells during chronic HIV infection is driven by Foxo3a- and TRAIL-mediated apoptosis. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3877-88	15.9	80
147	P16-54 LB. Blood CCR6+ Th17 and Th1Th17 but not CCR6neg Th1 cells are targets for HIV replication and their frequency is diminished in HIV-infected subjects. <i>Retrovirology</i> , 2009 , 6, P407	3.6	78

146	Loss of memory B cells during chronic HIV infection is driven by Foxo3a- and TRAIL-mediated apoptosis. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2704-2704	15.9	78
145	CD4 T cell nadir independently predicts the magnitude of the HIV reservoir after prolonged suppressive antiretroviral therapy. <i>Journal of Clinical Virology</i> , 2012 , 53, 29-32	14.5	72
144	Active and selective transcytosis of cell-free human immunodeficiency virus through a tight polarized monolayer of human endometrial cells. <i>Journal of Virology</i> , 2001 , 75, 5370-4	6.6	72
143	CD4+ and CD8+ T cell activation are associated with HIV DNA in resting CD4+ T cells. <i>PLoS ONE</i> , 2014 , 9, e110731	3.7	72
142	A novel acute HIV infection staging system based on 4th generation immunoassay. <i>Retrovirology</i> , 2013 , 10, 56	3.6	71
141	Estrogen receptor-1 is a key regulator of HIV-1 latency that imparts gender-specific restrictions on the latent reservoir. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E7795-E7804	11.5	70
140	Cellular Metabolism Is a Major Determinant of HIV-1 Reservoir Seeding in CD4 T Cells and Offers an Opportunity to Tackle Infection. <i>Cell Metabolism</i> , 2019 , 29, 611-626.e5	24.6	69
139	Programmed death-1 is a marker for abnormal distribution of naive/memory T cell subsets in HIV-1 infection. <i>Journal of Immunology</i> , 2013 , 191, 2194-204	5.3	68
138	Oponization of HIV-1 by semen complement enhances infection of human epithelial cells. <i>Journal of Immunology</i> , 2002 , 169, 3301-6	5.3	68
137	Residual inflammation and viral reservoirs: alliance against an HIV cure. <i>Current Opinion in HIV and AIDS</i> , 2016 , 11, 234-41	4.2	67
136	New insights into the heterogeneity of Th17 subsets contributing to HIV-1 persistence during antiretroviral therapy. <i>Retrovirology</i> , 2016 , 13, 59	3.6	65
135	High levels of CD2 expression identify HIV-1 latently infected resting memory CD4+ T cells in virally suppressed subjects. <i>Journal of Virology</i> , 2013 , 87, 9148-58	6.6	65
134	Gold drug auranofin restricts the viral reservoir in the monkey AIDS model and induces containment of viral load following ART suspension. <i>Aids</i> , 2011 , 25, 1347-56	3.5	65
133	Maintenance of CD4+ T-cell memory and HIV persistence: keeping memory, keeping HIV. <i>Current Opinion in HIV and AIDS</i> , 2011 , 6, 30-6	4.2	65
132	Compartmentalization of HIV-1 between breast milk and blood of HIV-infected mothers. <i>Virology</i> , 2002 , 300, 109-17	3.6	65
131	The Biology of the HIV-1 Latent Reservoir and Implications for Cure Strategies. <i>Cell Host and Microbe</i> , 2020 , 27, 519-530	23.4	60
130	Delayed differentiation of potent effector CD8 T cells reducing viremia and reservoir seeding in acute HIV infection. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	58
129	HIV persistence in the setting of antiretroviral therapy: when, where and how does HIV hide?. <i>Journal of Virus Eradication</i> , 2015 , 1, 59-66	2.8	57

128	Persistence of integrated HIV DNA in CXCR3 + CCR6 + memory CD4+ T cells in HIV-infected individuals on antiretroviral therapy. <i>Aids</i> , 2016 , 30, 1511-20	3.5	54
127	Virological and immunological characteristics of HIV-infected individuals at the earliest stage of infection. <i>Journal of Virus Eradication</i> , 2016 , 2, 43-48	2.8	52
126	Profound metabolic, functional, and cytolytic differences characterize HIV-specific CD8 T cells in primary and chronic HIV infection. <i>Blood</i> , 2012 , 120, 3466-77	2.2	52
125	Human Immunodeficiency Virus Persistence and T-Cell Activation in Blood, Rectal, and Lymph Node Tissue in Human Immunodeficiency Virus-Infected Individuals Receiving Suppressive Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2017 , 215, 911-919	7	51
124	Oponization of HIV with complement enhances infection of dendritic cells and viral transfer to CD4 T cells in a CR3 and DC-SIGN-dependent manner. <i>Journal of Immunology</i> , 2007 , 178, 1086-95	5.3	49
123	Safety and efficacy of VRC01 broadly neutralising antibodies in adults with acutely treated HIV (RV397): a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet HIV</i> , 2019 , 6, e297-e306	7.8	46
122	Loss of Function of Intestinal IL-17 and IL-22 Producing Cells Contributes to Inflammation and Viral Persistence in SIV-Infected Rhesus Macaques. <i>PLoS Pathogens</i> , 2016 , 12, e1005412	7.6	46
121	HIV persistence in the setting of antiretroviral therapy: when, where and how does HIV hide?. <i>Journal of Virus Eradication</i> , 2015 , 1, 59-66	2.8	44
120	Impaired gut junctional complexes feature late-treated individuals with suboptimal CD4+ T-cell recovery upon virologically suppressive combination antiretroviral therapy. <i>Aids</i> , 2016 , 30, 991-1003	3.5	43
119	Markers of HIV reservoir size and immune activation after treatment in acute HIV infection with and without raltegravir and maraviroc intensification. <i>Journal of Virus Eradication</i> , 2015 , 1, 116-122	2.8	43
118	The role of cytokines in the establishment, persistence and eradication of the HIV reservoir. <i>Cytokine and Growth Factor Reviews</i> , 2012 , 23, 143-9	17.9	43
117	Recommendations for measuring HIV reservoir size in cure-directed clinical trials. <i>Nature Medicine</i> , 2020 , 26, 1339-1350	50.5	43
116	HIV antibody characterization as a method to quantify reservoir size during curative interventions. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1613-7	7	42
115	Anti- $\alpha\beta$ therapy targets lymphoid aggregates in the gastrointestinal tract of HIV-1-infected individuals. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	42
114	Opposite effects of IL-10 on the ability of dendritic cells and macrophages to replicate primary CXCR4-dependent HIV-1 strains. <i>Journal of Immunology</i> , 2001 , 166, 4244-53	5.3	39
113	Antiretroviral drug transporters and metabolic enzymes in human testicular tissue: potential contribution to HIV-1 sanctuary site. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1954-65	5.1	39
112	A candidate anti-HIV reservoir compound, auranofin, exerts a selective anti-memory effect by exploiting the baseline oxidative status of lymphocytes. <i>Cell Death and Disease</i> , 2013 , 4, e944	9.8	38
111	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

110	Association of Arterial and Lymph Node Inflammation With Distinct Inflammatory Pathways in Human Immunodeficiency Virus Infection. <i>JAMA Cardiology</i> , 2017 , 2, 163-171	16.2	37
109	Identification of novel HIV-1 dependency factors in primary CCR4(+)CCR6(+)Th17 cells via a genome-wide transcriptional approach. <i>Retrovirology</i> , 2015 , 12, 102	3.6	37
108	Virological and immunological characteristics of HIV-infected individuals at the earliest stage of infection. <i>Journal of Virus Eradication</i> , 2016 , 2, 43-48	2.8	37
107	Differentiation into an Effector Memory Phenotype Potentiates HIV-1 Latency Reversal in CD4 T Cells. <i>Journal of Virology</i> , 2019 , 93,	6.6	37
106	Immune tolerance properties of the testicular tissue as a viral sanctuary site in ART-treated HIV-infected adults. <i>Aids</i> , 2016 , 30, 2777-2786	3.5	36
105	Neutralizing monoclonal antibodies to human immunodeficiency virus type 1 do not inhibit viral transcytosis through mucosal epithelial cells. <i>Virology</i> , 2008 , 370, 246-54	3.6	36
104	Single-cell TCR sequencing reveals phenotypically diverse clonally expanded cells harboring inducible HIV proviruses during ART. <i>Nature Communications</i> , 2020 , 11, 4089	17.4	36
103	The immunological synapse: the gateway to the HIV reservoir. <i>Immunological Reviews</i> , 2013 , 254, 305-2511.3	11.3	34
102	Multiparametric characterization of rare HIV-infected cells using an RNA-flow FISH technique. <i>Nature Protocols</i> , 2017 , 12, 2029-2049	18.8	34
101	Latency-Reversing Agents Induce Differential Responses in Distinct Memory CD4 ^T Cell Subsets in Individuals on Antiretroviral Therapy. <i>Cell Reports</i> , 2019 , 29, 2783-2795.e5	10.6	33
100	Abundant HIV-infected cells in blood and tissues are rapidly cleared upon ART initiation during acute HIV infection. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	31
99	Detection of Y chromosome DNA as evidence of semen in cervicovaginal secretions of sexually active women. <i>Vaccine Journal</i> , 2001 , 8, 955-8		31
98	Markers of HIV reservoir size and immune activation after treatment in acute HIV infection with and without raltegravir and maraviroc intensification. <i>Journal of Virus Eradication</i> , 2015 , 1, 116-122	2.8	30
97	Extensive virologic and immunologic characterization in an HIV-infected individual following allogeneic stem cell transplant and analytic cessation of antiretroviral therapy: A case study. <i>PLoS Medicine</i> , 2017 , 14, e1002461	11.6	29
96	HIV-1 Reservoir Dynamics after Vaccination and Antiretroviral Therapy Interruption Are Associated with Dendritic Cell Vaccine-Induced T Cell Responses. <i>Journal of Virology</i> , 2015 , 89, 9189-99	6.6	28
95	Binding of LFA-1 (CD11a) to intercellular adhesion molecule 3 (ICAM-3; CD50) and ICAM-2 (CD102) triggers transmigration of human immunodeficiency virus type 1-infected monocytes through mucosal epithelial cells. <i>Journal of Virology</i> , 2002 , 76, 32-40	6.6	27
94	Initiation of antiretroviral therapy before detection of colonic infiltration by HIV reduces viral reservoirs, inflammation and immune activation. <i>Journal of the International AIDS Society</i> , 2016 , 19, 21163	5.4	27
93	Human Immunodeficiency Virus (HIV)-Infected CCR6 ⁺ Rectal CD4 ⁺ T Cells and HIV Persistence On Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2020 , 221, 744-755	7	26

92	Effect of metformin on the size of the HIV reservoir in non-diabetic ART-treated individuals: single-arm non-randomised Lilac pilot study protocol. <i>BMJ Open</i> , 2019 , 9, e028444	3	25
91	Lymph node architecture collapse and consequent modulation of FOXO3a pathway on memory T- and B-cells during HIV infection. <i>Seminars in Immunology</i> , 2008 , 20, 196-203	10.7	24
90	Early archives of genetically-restricted proviral DNA in the female genital tract after heterosexual transmission of HIV-1. <i>Aids</i> , 2007 , 21, 153-62	3.5	23
89	Anti-HIV Antibody Responses and the HIV Reservoir Size during Antiretroviral Therapy. <i>PLoS ONE</i> , 2016 , 11, e0160192	3.7	22
88	Memory CD4 + T-Cells Expressing HLA-DR Contribute to HIV Persistence During Prolonged Antiretroviral Therapy. <i>Frontiers in Microbiology</i> , 2019 , 10, 2214	5.7	21
87	Genetic and phenotypic features of blood and genital viral populations of clinically asymptomatic and antiretroviral-treatment-naïve clade a human immunodeficiency virus type 1-infected women. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 1838-42	9.7	21
86	Human Immunodeficiency Virus (HIV)-Antibody Repertoire Estimates Reservoir Size and Time of Antiretroviral Therapy Initiation in Virally Suppressed Perinatally HIV-Infected Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019 , 8, 433-438	4.8	21
85	Oral cannabinoids in people living with HIV on effective antiretroviral therapy: CTN PT028-study protocol for a pilot randomised trial to assess safety, tolerability and effect on immune activation. <i>BMJ Open</i> , 2019 , 9, e024793	3	20
84	Persistent expansion and Th1-like skewing of HIV-specific circulating T follicular helper cells during antiretroviral therapy. <i>EBioMedicine</i> , 2020 , 54, 102727	8.8	20
83	DNA/MVA Vaccination of HIV-1 Infected Participants with Viral Suppression on Antiretroviral Therapy, followed by Treatment Interruption: Elicitation of Immune Responses without Control of Re-Emergent Virus. <i>PLoS ONE</i> , 2016 , 11, e0163164	3.7	20
82	Down-regulation of CTLA-4 by HIV-1 Nef protein. <i>PLoS ONE</i> , 2013 , 8, e54295	3.7	19
81	Distinct biomarker signatures in HIV acute infection associate with viral dynamics and reservoir size. <i>JCI Insight</i> , 2018 , 3,	9.9	19
80	The multifaceted nature of HIV latency. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3381-3390	15.9	19
79	HIV persistence in mucosal CD4+ T cells within the lungs of adults receiving long-term suppressive antiretroviral therapy. <i>Aids</i> , 2018 , 32, 2279-2289	3.5	19
78	Acute Retroviral Syndrome Is Associated With High Viral Burden, CD4 Depletion, and Immune Activation in Systemic and Tissue Compartments. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1540-1549	11.6	18
77	Inducible HIV RNA transcription assays to measure HIV persistence: pros and cons of a compromise. <i>Retrovirology</i> , 2018 , 15, 9	3.6	18
76	HIV Diversity and Genetic Compartmentalization in Blood and Testes during Suppressive Antiretroviral Therapy. <i>Journal of Virology</i> , 2019 , 93,	6.6	17
75	Safety and immunogenicity of Ad26 and MVA vaccines in acutely treated HIV and effect on viral rebound after antiretroviral therapy interruption. <i>Nature Medicine</i> , 2020 , 26, 498-501	50.5	17

74	Independent levels of cell-free and cell-associated human immunodeficiency virus-1 in genital-tract secretions of clinically asymptomatic, treatment-naive African women. <i>Journal of Infectious Diseases</i> , 2003 , 188, 549-54	7	17
73	Combination Immune Checkpoint Blockade to Reverse HIV Latency. <i>Journal of Immunology</i> , 2020 , 204, 1242-1254	5.3	16
72	Research priorities for an HIV cure: International AIDS Society Global Scientific Strategy 2021. <i>Nature Medicine</i> , 2021 ,	50.5	16
71	High levels of genetically intact HIV in HLA-DR+ memory T cells indicates their value for reservoir studies. <i>Aids</i> , 2020 , 34, 659-668	3.5	16
70	The colocalization potential of HIV-specific CD8+ and CD4+ T-cells is mediated by integrin α but not CCR6 and regulated by retinoic acid. <i>PLoS ONE</i> , 2012 , 7, e32964	3.7	15
69	Programmed death 1: a critical regulator of T-cell function and a strong target for immunotherapies for chronic viral infections. <i>Current Opinion in HIV and AIDS</i> , 2007 , 2, 219-27	4.2	15
68	LILAC pilot study: Effects of metformin on mTOR activation and HIV reservoir persistence during antiretroviral therapy. <i>EBioMedicine</i> , 2021 , 65, 103270	8.8	15
67	Polymerase chain reaction for Y chromosome to detect semen in cervicovaginal fluid: a prerequisite to assess HIV-specific vaginal immunity and HIV genital shedding. <i>Aids</i> , 2001 , 15, 801-2	3.5	14
66	Upregulation of IL-32 Isoforms in Virologically Suppressed HIV-Infected Individuals: Potential Role in Persistent Inflammation and Transcription From Stable HIV-1 Reservoirs. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 82, 503-513	3.1	13
65	Impact of Antiretroviral Therapy Duration on HIV-1 Infection of T Cells within Anatomic Sites. <i>Journal of Virology</i> , 2020 , 94,	6.6	12
64	Infrequent HIV Infection of Circulating Monocytes during Antiretroviral Therapy. <i>Journal of Virology</i> , 2019 , 94,	6.6	12
63	Intact Human Immunodeficiency Virus (HIV) Reservoir Estimated by the Intact Proviral DNA Assay Correlates With Levels of Total and Integrated DNA in the Blood During Suppressive Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2021 , 72, 495-498	11.6	12
62	Nef promotes evasion of human immunodeficiency virus type 1-infected cells from the CTLA-4-mediated inhibition of T-cell activation. <i>Journal of General Virology</i> , 2015 , 96, 1463-1477	4.9	11
61	HIV persistence in subsets of CD4+ T cells: 50 shades of reservoirs. <i>Seminars in Immunology</i> , 2021 , 51, 101438	10.7	10
60	In-depth single-cell analysis of translation-competent HIV-1 reservoirs identifies cellular sources of plasma viremia. <i>Nature Communications</i> , 2021 , 12, 3727	17.4	10
59	Clinical Correlates of Human Immunodeficiency Virus-1 (HIV-1) DNA and Inducible HIV-1 RNA Reservoirs in Peripheral Blood in Children With Perinatally Acquired HIV-1 Infection With Sustained Virologic Suppression for at Least 5 Years. <i>Clinical Infectious Diseases</i> , 2020 , 70, 859-866	11.6	10
58	Genetic Diversity, Compartmentalization, and Age of HIV Proviruses Persisting in CD4 T Cell Subsets during Long-Term Combination Antiretroviral Therapy. <i>Journal of Virology</i> , 2020 , 94,	6.6	9
57	Virologic and Immunologic Features of Simian Immunodeficiency Virus Control Post-ART Interruption in Rhesus Macaques. <i>Journal of Virology</i> , 2020 , 94,	6.6	9

56	Improving HIV Outgrowth by Optimizing Cell-Culture Conditions and Supplementing With Retinoic Acid. <i>Frontiers in Microbiology</i> , 2020 , 11, 902	5.7	9
55	Comparison of washing and swabbing procedures for collecting genital fluids to assess shedding of human immunodeficiency virus type 1 (HIV-1) RNA in asymptomatic HIV-1-infected women. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 449-52	9.7	9
54	Neutralizing antibody VRC01 failed to select for HIV-1 mutations upon viral rebound. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3299-3304	15.9	9
53	Preferential Infection of $\alpha\beta$ + Memory CD4+ T Cells During Early Acute Human Immunodeficiency Virus Type 1 Infection. <i>Clinical Infectious Diseases</i> , 2020 , 71, e735-e743	11.6	8
52	Design and implementation of a randomized crossover study of valproic acid and antiretroviral therapy to reduce the HIV reservoir. <i>HIV Clinical Trials</i> , 2012 , 13, 301-7		8
51	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , 2021 , 7, eabj5629	14.3	8
50	Modeling HIV-1 Latency Using Primary CD4 T Cells from Virally Suppressed HIV-1-Infected Individuals on Antiretroviral Therapy. <i>Journal of Virology</i> , 2019 , 93,	6.6	7
49	The evaluation of risk-benefit ratio for gut tissue sampling in HIV cure research. <i>Journal of Virus Eradication</i> , 2017 , 3, 212-217	2.8	7
48	Rinse and Replace Boosting T Cell Turnover To Reduce HIV-1 Reservoirs. <i>Trends in Immunology</i> , 2020 , 41, 466-480	14.4	6
47	Continuous Prophylactic Antiretrovirals/Antiretroviral Therapy Since Birth Reduces Seeding and Persistence of the Viral Reservoir in Children Vertically Infected With Human Immunodeficiency Virus. <i>Clinical Infectious Diseases</i> , 2021 , 73, 427-438	11.6	6
46	Assessing the Suitability of Next-Generation Viral Outgrowth Assays to Measure Human Immunodeficiency Virus 1 Latent Reservoir Size. <i>Journal of Infectious Diseases</i> , 2021 , 224, 1209-1218	7	6
45	Pembrolizumab induces HIV latency reversal in people living with HIV and cancer on antiretroviral therapy.. <i>Science Translational Medicine</i> , 2022 , 14, eabl3836	17.5	6
44	A randomized trial of vorinostat with treatment interruption after initiating antiretroviral therapy during acute HIV-1 infection. <i>Journal of Virus Eradication</i> , 2020 , 6, 100004	2.8	6
43	Fingolimod inhibits multiple stages of the HIV-1 life cycle. <i>PLoS Pathogens</i> , 2020 , 16, e1008679	7.6	6
42	Potential for Virus Endogenization in Humans through Testicular Germ Cell Infection: the Case of HIV. <i>Journal of Virology</i> , 2020 , 94,	6.6	6
41	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	6
40	HIV Infection and Persistence in Pulmonary Mucosal Double Negative T Cells. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
39	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality		5

38	Wake me up before you go: a strategy to reduce the latent HIV reservoir. <i>Aids</i> , 2018 , 32, 293-298	3.5	5
37	Increased homeostatic cytokines and stability of HIV-infected memory CD4 T-cells identify individuals with suboptimal CD4 T-cell recovery on-ART. <i>PLoS Pathogens</i> , 2021 , 17, e1009825	7.6	5
36	Processing of Bronchoalveolar Lavage Fluid and Matched Blood for Alveolar Macrophage and CD4+ T-cell Immunophenotyping and HIV Reservoir Assessment. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	4
35	The HIV-1 proviral landscape reveals Nef contributes to HIV-1 persistence in effector memory CD4+ T-cells.. <i>Journal of Clinical Investigation</i> , 2022 ,	15.9	4
34	Pharmacological Inhibition of PPAR γ Boosts HIV Reactivation and Th17 Effector Functions, While Preventing Progeny Virion Release and de Infection. <i>Pathogens and Immunity</i> , 2020 , 5, 177-239	4.9	4
33	Upregulated IL-32 Expression And Reduced Gut Short Chain Fatty Acid Caproic Acid in People Living With HIV With Subclinical Atherosclerosis. <i>Frontiers in Immunology</i> , 2021 , 12, 664371	8.4	4
32	Viral Blips After Treatment Initiation During Acute Human Immunodeficiency Virus Infection. <i>Clinical Infectious Diseases</i> , 2020 , 70, 2706-2709	11.6	4
31	Peculiar Phenotypic and Cytotoxic Features of Pulmonary Mucosal CD8 T Cells in People Living with HIV Receiving Long-Term Antiretroviral Therapy. <i>Journal of Immunology</i> , 2021 , 206, 641-651	5.3	4
30	Safety, Immune, and Antiviral Effects of Pegylated Interferon Alpha 2b Administration in Antiretroviral Therapy-Suppressed Individuals: Results of Pilot Clinical Trial. <i>AIDS Research and Human Retroviruses</i> , 2021 , 37, 433-443	1.6	4
29	Differences in HIV burden in the inflamed and non-inflamed colon from a person living with HIV and ulcerative colitis. <i>Journal of Virus Eradication</i> , 2021 , 7, 100033	2.8	3
28	RALDH Activity Induced by Bacterial/Fungal Pathogens in CD16 Monocyte-Derived Dendritic Cells Boosts HIV Infection and Outgrowth in CD4 T Cells. <i>Journal of Immunology</i> , 2021 , 206, 2638-2651	5.3	3
27	First-in-human immunoPET imaging of HIV-1 infection using Zr-labeled VRC01 broadly neutralizing antibody.. <i>Nature Communications</i> , 2022 , 13, 1219	17.4	3
26	Strategies for targeting residual HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2016 , 11, 359-61	4.2	2
25	Conference highlights of the 5th international workshop on HIV persistence during therapy, 6-9 December 2011, St. Maartin, West Indies. <i>AIDS Research and Therapy</i> , 2012 , 9, 7	3	2
24	Enterovirus RNA shedding in the genital tract of childbearing-aged women living in Central Africa. <i>Journal of Medical Virology</i> , 2006 , 78, 591-7	19.7	2
23	The ingenol-based protein kinase C agonist GSK445A is a potent inducer of HIV and SIV RNA transcription.. <i>PLoS Pathogens</i> , 2022 , 18, e1010245	7.6	2
22	Gag p24 Is a Marker of Human Immunodeficiency Virus Expression in Tissues and Correlates With Immune Response. <i>Journal of Infectious Diseases</i> , 2021 , 224, 1593-1598	7	2
21	Loss of CD96 Expression as a Marker of HIV-Specific CD8 T-Cell Differentiation and Dysfunction. <i>Frontiers in Immunology</i> , 2021 , 12, 673061	8.4	2

20	Cellular activation, differentiation and proliferation influence the dynamics of genetically-intact proviruses over time. <i>Journal of Infectious Diseases</i> , 2021 ,	7	2
19	Long-term effects of early antiretroviral initiation on HIV reservoir markers: a longitudinal analysis of the MERLIN clinical study. <i>Lancet Microbe, The</i> , 2021 , 2, e198-e209	22.2	2
18	Combined single-cell transcriptional, translational, and genomic profiling reveals HIV-1 reservoir diversity. <i>Cell Reports</i> , 2021 , 36, 109643	10.6	2
17	Combination Immune Checkpoint Blockade Enhances IL-2 and CD107a Production from HIV-Specific T Cells Ex Vivo in People Living with HIV on Antiretroviral Therapy. <i>Journal of Immunology</i> , 2021 ,	5.3	2
16	Drug resistance mutations and the cellular immune response: a valuable synergy for the development of novel immune therapies. <i>Current Opinion in HIV and AIDS</i> , 2007 , 2, 116-22	4.2	1
15	Camu Camu effects on microbial translocation and systemic immune activation in ART-treated people living with HIV: protocol of the single-arm non-randomised Camu Camu prebiotic pilot study (CIHR/CTN PT032).. <i>BMJ Open</i> , 2022 , 12, e053081	3	1
14	Potential for virus endogenization in humans through testicular germ cell infection: the case of HIV		1
13	Infusion of CCR5 Gene-Edited T Cells Allows Immune Reconstitution, HIV Reservoir Decay, and Long-Term Virological Control		1
12	Brief Report: Subclinical Carotid Artery Atherosclerosis Is Associated With Increased Expression of Peripheral Blood IL-32 Isoforms Among Women Living With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021 , 88, 186-191	3.1	1
11	In-depth single-cell analysis of translation-competent HIV-1 reservoirs identifies cellular sources of plasma viremia		1
10	IL-17A reprograms intestinal epithelial cells to facilitate HIV-1 replication and outgrowth in CD4+ T cells. <i>iScience</i> , 2021 , 24, 103225	6.1	0
9	T cell migration potentiates HIV infection by enhancing viral fusion and integration.. <i>Cell Reports</i> , 2022 , 38, 110406	10.6	0
8	Highlights of the 9th edition of the Conference on HIV Persistence During Therapy, 10-13 December 2019, Miami, USA. <i>Journal of Virus Eradication</i> , 2020 , 6, 85-95	2.8	
7	Highlights from the 8th International Workshop on HIV Persistence during Therapy, 12-15 December 2017, Miami, FL, USA. <i>Journal of Virus Eradication</i> , 2018 , 4, 132-142	2.8	
6	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
5	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
4	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
3	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		

2 Fingolimod inhibits multiple stages of the HIV-1 life cycle **2020**, 16, e1008679

1 Fingolimod inhibits multiple stages of the HIV-1 life cycle **2020**, 16, e1008679