

Nicolas Chomont

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.

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	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
180	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
179	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
178	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
177	T cell migration potentiates HIV infection by enhancing viral fusion and integration.. <i>Cell Reports</i> , 2022 , 38, 110406	10.6	0
176	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
175	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
174	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
173	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
172	Research priorities for an HIV cure: International AIDS Society Global Scientific Strategy 2021. <i>Nature Medicine</i> , 2021 ,	50.5	16
171	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
170	HIV persistence in subsets of CD4+ T cells: 50 shades of reservoirs. <i>Seminars in Immunology</i> , 2021 , 51, 101438	10.7	10
169	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
168	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
167	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
166	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	6
165	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

164	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
163	Cellular activation, differentiation and proliferation influence the dynamics of genetically-intact proviruses over time. <i>Journal of Infectious Diseases</i> , 2021 ,	7	2
162	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
161	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
160	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
159	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
158	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
157	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
156	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
155	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
154	Combined single-cell transcriptional, translational, and genomic profiling reveals HIV-1 reservoir diversity. <i>Cell Reports</i> , 2021 , 36, 109643	10.6	2
153	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
152	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
151	Rinse and Replace Boosting T Cell Turnover To Reduce HIV-1 Reservoirs. <i>Trends in Immunology</i> , 2020 , 41, 466-480	14.4	6
150	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
149	Improving HIV Outgrowth by Optimizing Cell-Culture Conditions and Supplementing With Retinoic Acid. <i>Frontiers in Microbiology</i> , 2020 , 11, 902	5.7	9
148	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
147	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

146	Combination Immune Checkpoint Blockade to Reverse HIV Latency. <i>Journal of Immunology</i> , 2020 , 204, 1242-1254	5.3	16
145	Preferential Infection of CD4 ⁺ 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
144	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
143	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
142	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
141	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
140	The multifaceted nature of HIV latency. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3381-3390	15.9	19
139	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
138	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
137	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
136	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
135	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	
134	Fingolimod inhibits multiple stages of the HIV-1 life cycle. <i>PLoS Pathogens</i> , 2020 , 16, e1008679	7.6	6
133	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
132	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
131	HIV Infection and Persistence in Pulmonary Mucosal Double Negative T Cells. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
130	Recommendations for measuring HIV reservoir size in cure-directed clinical trials. <i>Nature Medicine</i> , 2020 , 26, 1339-1350	50.5	43
129	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

128	Viral Blips After Treatment Initiation During Acute Human Immunodeficiency Virus Infection. <i>Clinical Infectious Diseases</i> , 2020 , 70, 2706-2709	11.6	4
127	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
126	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
125	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
124	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
123	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
122	Fingolimod inhibits multiple stages of the HIV-1 life cycle 2020 , 16, e1008679		
121	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
120	HIV Diversity and Genetic Compartmentalization in Blood and Testes during Suppressive Antiretroviral Therapy. <i>Journal of Virology</i> , 2019 , 93,	6.6	17
119	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,the</i> , 2019 , 6, e297-e306	7.8	46
118	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
117	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
116	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
115	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
114	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
113	Infrequent HIV Infection of Circulating Monocytes during Antiretroviral Therapy. <i>Journal of Virology</i> , 2019 , 94,	6.6	12
112	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
111	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

110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	Inducible HIV RNA transcription assays to measure HIV persistence: pros and cons of a compromise. <i>Retrovirology</i> , 2018 , 15, 9	3.6	18
102	Programmed cell death-1 contributes to the establishment and maintenance of HIV-1 latency. <i>Aids</i> , 2018 , 32, 1491-1497	3.5	92
101	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
100	Distinct biomarker signatures in HIV acute infection associate with viral dynamics and reservoir size. <i>JCI Insight</i> , 2018 , 3,	9.9	19
99	Wake me up before you go: a strategy to reduce the latent HIV reservoir. <i>Aids</i> , 2018 , 32, 293-298	3.5	5
98	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	
97	Anti- $\alpha\beta$ T therapy targets lymphoid aggregates in the gastrointestinal tract of HIV-1-infected individuals. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	42
96	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
95	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
94	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
93	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

92	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
91	Multiparametric characterization of rare HIV-infected cells using an RNA-flow FISH technique. <i>Nature Protocols</i> , 2017 , 12, 2029-2049	18.8	34
90	HIV persists in CCR6+CD4+ T cells from colon and blood during antiretroviral therapy. <i>Aids</i> , 2017 , 31, 35-48	3.5	90
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	Strategies for targeting residual HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2016 , 11, 359-61	4.2	2
81	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
80	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
79	Anti-HIV Antibody Responses and the HIV Reservoir Size during Antiretroviral Therapy. <i>PLoS ONE</i> , 2016 , 11, e0160192	3.7	22
78	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
77	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
76	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
75	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

74	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
73	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
72	International AIDS Society global scientific strategy: towards an HIV cure 2016. <i>Nature Medicine</i> , 2016 , 22, 839-50	50.5	303
71	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
70	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
69	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
68	The Tat Inhibitor Didehydro-Cortistatin A Prevents HIV-1 Reactivation from Latency. <i>MBio</i> , 2015 , 6, e00465-15	4.5	149
67	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
66	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
65	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
64	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
63	The Depsipeptide Romidepsin Reverses HIV-1 Latency In Vivo. <i>PLoS Pathogens</i> , 2015 , 11, e1005142	7.6	352
62	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
61	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
60	Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. <i>Science Translational Medicine</i> , 2015 , 7, 319ra206	17.5	308
59	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
58	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
57	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

56	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
55	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
54	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
53	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
52	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
51	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
50	A novel acute HIV infection staging system based on 4th generation immunoassay. <i>Retrovirology</i> , 2013 , 10, 56	3.6	71
49	The immunological synapse: the gateway to the HIV reservoir. <i>Immunological Reviews</i> , 2013 , 254, 305-251	11.3	34
48	Immune activation and HIV persistence: implications for curative approaches to HIV infection. <i>Immunological Reviews</i> , 2013 , 254, 326-42	11.3	251
47	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
46	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
45	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
44	Interleukin-7 promotes HIV persistence during antiretroviral therapy. <i>Blood</i> , 2013 , 121, 4321-9	2.2	166
43	Down-regulation of CTLA-4 by HIV-1 Nef protein. <i>PLoS ONE</i> , 2013 , 8, e54295	3.7	19
42	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
41	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
40	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
39	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

38	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
37	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
36	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
35	Towards an HIV cure: a global scientific strategy. <i>Nature Reviews Immunology</i> , 2012 , 12, 607-14	36.5	414
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	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
25	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
24	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
23	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
22	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
21	Opsonization 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

20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	Independent levels of cell-free and cell-associated human immunodeficiency virus-1 in genital-tract secretions of clinically asymptomatic, treatment-naïve African women. <i>Journal of Infectious Diseases</i> , 2003 , 188, 549-54	7	17
12	Compartmentalization of HIV-1 between breast milk and blood of HIV-infected mothers. <i>Virology</i> , 2002 , 300, 109-17	3.6	65
11	Opsonization of HIV-1 by semen complement enhances infection of human epithelial cells. <i>Journal of Immunology</i> , 2002 , 169, 3301-6	5.3	68
10	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
9	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
8	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
7	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
6	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
5	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
4	Potential for virus endogenization in humans through testicular germ cell infection: the case of HIV		1
3	Infusion of CCR5 Gene-Edited T Cells Allows Immune Reconstitution, HIV Reservoir Decay, and Long-Term Virological Control		1

2	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality	5
1	In-depth single-cell analysis of translation-competent HIV-1 reservoirs identifies cellular sources of plasma viremia	1