

John W Mellors

List of Publications by Citations

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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.

118 papers	6,412 citations	35 h-index	79 g-index
130 ext. papers	8,167 ext. citations	8.5 avg, IF	5.69 L-index

#	Paper	IF	Citations
118	Treatment with indinavir, zidovudine, and lamivudine in adults with human immunodeficiency virus infection and prior antiretroviral therapy. <i>New England Journal of Medicine</i> , 1997 , 337, 734-9	59.2	1610
117	Lytic granule loading of CD8+ T cells is required for HIV-infected cell elimination associated with immune control. <i>Immunity</i> , 2008 , 29, 1009-21	32.3	417
116	International AIDS Society global scientific strategy: towards an HIV cure 2016. <i>Nature Medicine</i> , 2016 , 22, 839-50	50.5	303
115	Clonally expanded CD4+ T cells can produce infectious HIV-1 in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1883-8	11.5	225
114	Histone deacetylase inhibitor romidepsin induces HIV expression in CD4 T cells from patients on suppressive antiretroviral therapy at concentrations achieved by clinical dosing. <i>PLoS Pathogens</i> , 2014 , 10, e1004071	7.6	201
113	Viremic relapse after HIV-1 remission in a perinatally infected child. <i>New England Journal of Medicine</i> , 2015 , 372, 786-8	59.2	188
112	Quantification of HIV-1 latency reversal in resting CD4+ T cells from patients on suppressive antiretroviral therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7078-83	11.5	169
111	The size of the expressed HIV reservoir predicts timing of viral rebound after treatment interruption. <i>Aids</i> , 2016 , 30, 343-53	3.5	159
110	Lack of detectable HIV-1 molecular evolution during suppressive antiretroviral therapy. <i>PLoS Pathogens</i> , 2014 , 10, e1004010	7.6	156
109	HIV-1 DNA decay dynamics in blood during more than a decade of suppressive antiretroviral therapy. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1312-21	11.6	153
108	Clinical Trial of the Anti-PD-L1 Antibody BMS-936559 in HIV-1 Infected Participants on Suppressive Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1725-1733	7	146
107	Proviruses with identical sequences comprise a large fraction of the replication-competent HIV reservoir. <i>PLoS Pathogens</i> , 2017 , 13, e1006283	7.6	137
106	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
105	Levels of HIV-1 persistence on antiretroviral therapy are not associated with markers of inflammation or activation. <i>PLoS Pathogens</i> , 2017 , 13, e1006285	7.6	99
104	Origin of Rebound Plasma HIV Includes Cells with Identical Proviruses That Are Transcriptionally Active before Stopping of Antiretroviral Therapy. <i>Journal of Virology</i> , 2016 , 90, 1369-76	6.6	92
103	Single-cell analysis of HIV-1 transcriptional activity reveals expression of proviruses in expanded clones during ART. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E3659-E3668	11.5	87
102	Recommendations for analytical antiretroviral treatment interruptions in HIV research trials-report of a consensus meeting. <i>Lancet HIV</i> , 2019 , 6, e259-e268	7.8	87

101	A9 A method to obtain full-length HIV proviral sequences and their sites of integration. <i>Virus Evolution</i> , 2019 , 5,	3.7	78
100	A12 Modeling residual HIV replication and the emergence of drug resistance on ART. <i>Virus Evolution</i> , 2019 , 5,	3.7	78
99	The Control of HIV After Antiretroviral Medication Pause (CHAMP) Study: Posttreatment Controllers Identified From 14 Clinical Studies. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1954-1963	7	77
98	Improved single-copy assays for quantification of persistent HIV-1 viremia in patients on suppressive antiretroviral therapy. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3944-51	9.7	70
97	Novel Assays for Measurement of Total Cell-Associated HIV-1 DNA and RNA. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 902-11	9.7	63
96	Intractable Coronavirus Disease 2019 (COVID-19) and Prolonged Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Replication in a Chimeric Antigen Receptor-Modified T-Cell Therapy Recipient: A Case Study. <i>Clinical Infectious Diseases</i> , 2021 , 73, e815-e821	11.6	52
95	Pretreatment HIV Drug Resistance and HIV-1 Subtype C Are Independently Associated With Virologic Failure: Results From the Multinational PEARLS (ACTG A5175) Clinical Trial. <i>Clinical Infectious Diseases</i> , 2015 , 60, 1541-9	11.6	51
94	The emerging plasticity of SARS-CoV-2. <i>Science</i> , 2021 , 371, 1306-1308	33.3	51
93	E138A in HIV-1 reverse transcriptase is more common in subtype C than B: implications for rilpivirine use in resource-limited settings. <i>Antiviral Research</i> , 2014 , 107, 31-4	10.8	48
92	Clinical Characteristics and Outcomes of Patients Hospitalized for COVID-19 in Africa: Early Insights from the Democratic Republic of the Congo. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 2419-2428	3.2	46
91	Naive CD4+ T Cells Harbor a Large Inducible Reservoir of Latent, Replication-competent Human Immunodeficiency Virus Type 1. <i>Clinical Infectious Diseases</i> , 2019 , 69, 1919-1925	11.6	44
90	No evidence of HIV replication in children on antiretroviral therapy. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3827-3834	15.9	44
89	HIV-1 in lymph nodes is maintained by cellular proliferation during antiretroviral therapy. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4629-4642	15.9	44
88	Which therapeutic strategy will achieve a cure for HIV-1?. <i>Current Opinion in Virology</i> , 2016 , 18, 14-9	7.5	42
87	Combined HIV-1 sequence and integration site analysis informs viral dynamics and allows reconstruction of replicating viral ancestors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25891-25899	11.5	41
86	Early Antiretroviral Therapy in South African Children Reduces HIV-1-Infected Cells and Cell-Associated HIV-1 RNA in Blood Mononuclear Cells. <i>Journal of Infectious Diseases</i> , 2015 , 212, 39-43	7	40
85	Ongoing HIV Replication During ART Reconsidered. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx173	1	38
84	Planning for pre-exposure prophylaxis to prevent HIV transmission: challenges and opportunities. <i>Journal of the International AIDS Society</i> , 2010 , 13, 24	5.4	38

83	Clones of infected cells arise early in HIV-infected individuals. <i>JCI Insight</i> , 2019 , 4,	9.9	35
82	Selection of Rilpivirine-Resistant HIV-1 in a Seroconverter From the SSAT 040 Trial Who Received the 300-mg Dose of Long-Acting Rilpivirine (TMC278LA). <i>Journal of Infectious Diseases</i> , 2016 , 213, 1013-7		34
81	Therapeutic Vaccination With Dendritic Cells Loaded With Autologous HIV Type 1-Infected Apoptotic Cells. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1400-9	7	34
80	Achieving Viral Suppression in 90% of People Living With Human Immunodeficiency Virus on Antiretroviral Therapy in Low- and Middle-Income Countries: Progress, Challenges, and Opportunities. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1487-1491	11.6	32
79	HIV-1 viremia not suppressible by antiretroviral therapy can originate from large T cell clones producing infectious virus. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5847-5857	15.9	31
78	Ex vivo activation of CD4+ T-cells from donors on suppressive ART can lead to sustained production of infectious HIV-1 from a subset of infected cells. <i>PLoS Pathogens</i> , 2017 , 13, e1006230	7.6	31
77	Treatment with integrase inhibitor suggests a new interpretation of HIV RNA decay curves that reveals a subset of cells with slow integration. <i>PLoS Pathogens</i> , 2017 , 13, e1006478	7.6	30
76	Ultrasensitive single-genome sequencing: accurate, targeted, next generation sequencing of HIV-1 RNA. <i>Retrovirology</i> , 2016 , 13, 87	3.6	30
75	Trends in Pretreatment HIV-1 Drug Resistance in Antiretroviral Therapy-naïve Adults in South Africa, 2000-2016: A Pooled Sequence Analysis. <i>EClinicalMedicine</i> , 2019 , 9, 26-34	11.3	29
74	Persistence of viral reservoirs in multiple tissues after antiretroviral therapy suppression in a macaque RT-SHIV model. <i>PLoS ONE</i> , 2013 , 8, e84275	3.7	29
73	Simplification Strategies to Reduce Antiretroviral drug Exposure: Progress and Prospects. <i>Antiviral Therapy</i> , 2009 , 14, 1-12	1.6	29
72	A Cure for HIV Infection: "Not in My Lifetime" or "Just Around the Corner"? <i>Pathogens and Immunity</i> , 2016 , 1, 154-164	4.9	28
71	Retrovirus Integration Database (RID): a public database for retroviral insertion sites into host genomes. <i>Retrovirology</i> , 2016 , 13, 47	3.6	25
70	Intact proviral DNA assay analysis of large cohorts of people with HIV provides a benchmark for the frequency and composition of persistent proviral DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 18692-18700	11.5	24
69	Selective Decay of Intact HIV-1 Proviral DNA on Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2021 , 223, 225-233	7	24
68	T-cell responses targeting HIV Nef uniquely correlate with infected cell frequencies after long-term antiretroviral therapy. <i>PLoS Pathogens</i> , 2017 , 13, e1006629	7.6	22
67	Safety, uptake, and use of a dapivirine vaginal ring for HIV-1 prevention in African women (HOPE): an open-label, extension study. <i>Lancet HIV</i> , 2021 , 8, e87-e95	7.8	22
66	HIV-1 Virion Production from Single Inducible Proviruses following T-Cell Activation Ex Vivo. <i>Journal of Virology</i> , 2016 , 90, 1673-6	6.6	21

65	HIV Infected T Cells Can Proliferate Without Inducing Expression of the Integrated Provirus. <i>Frontiers in Microbiology</i> , 2019 , 10, 2204	5.7	21
64	New tools for quantifying HIV-1 reservoirs: plasma RNA single copy assays and beyond. <i>Current HIV/AIDS Reports</i> , 2012 , 9, 91-100	5.9	21
63	Updated assessment of risks and benefits of dolutegravir versus efavirenz in new antiretroviral treatment initiators in sub-Saharan Africa: modelling to inform treatment guidelines. <i>Lancet HIV</i> , 2020 , 7, e193-e200	7.8	20
62	A Randomized, Placebo-Controlled, Pilot Clinical Trial of Dipyridamole to Decrease Human Immunodeficiency Virus-Associated Chronic Inflammation. <i>Journal of Infectious Diseases</i> , 2020 , 221, 1598-1606 ²⁰	7.7	20
61	SARS-CoV-2 Viremia is Associated with COVID-19 Severity and Predicts Clinical Outcomes. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	20
60	Two-way mobile phone intervention compared with standard-of-care adherence support after second-line antiretroviral therapy failure: a multinational, randomised controlled trial. <i>The Lancet Digital Health</i> , 2019 , 1, e26-e34	14.4	19
59	A Simpler and More Sensitive Single-Copy HIV-1 RNA Assay for Quantification of Persistent HIV-1 Viremia in Individuals on Suppressive Antiretroviral Therapy. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	18
58	Rapid decline of HIV-1 DNA and RNA in infants starting very early antiretroviral therapy may pose a diagnostic challenge. <i>Aids</i> , 2018 , 32, 629-634	3.5	17
57	Third-line antiretroviral therapy in low-income and middle-income countries (ACTG A5288): a prospective strategy study. <i>Lancet HIV</i> , 2019 , 6, e588-e600	7.8	17
56	Improving the Outcomes of Immunocompromised Patients With Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1397-e1401	11.6	17
55	Vesatolimod, a Toll-like Receptor 7 Agonist, Induces Immune Activation in Virally Suppressed Adults Living With Human Immunodeficiency Virus-1. <i>Clinical Infectious Diseases</i> , 2021 , 72, e815-e824	11.6	17
54	Well-mixed plasma and tissue viral populations in RT-SHIV-infected macaques implies a lack of viral replication in the tissues during antiretroviral therapy. <i>Retrovirology</i> , 2015 , 12, 93	3.6	16
53	Discovery of a small molecule agonist of phosphatidylinositol 3-kinase p110 β that reactivates latent HIV-1. <i>PLoS ONE</i> , 2014 , 9, e84964	3.7	16
52	Cost-effectiveness of Injectable Preexposure Prophylaxis for HIV Prevention in South Africa. <i>Clinical Infectious Diseases</i> , 2016 , 63, 539-47	11.6	15
51	Allogeneic Hematopoietic Cell Transplant for HIV Patients with Hematologic Malignancies: The BMT CTN-0903/AMC-080 Trial. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 2160-2166	4.7	15
50	Cumulative Antiretroviral Exposure Measured in Hair Is Not Associated With Measures of HIV Persistence or Inflammation Among Individuals on Suppressive ART. <i>Journal of Infectious Diseases</i> , 2018 , 218, 234-238	7	14
49	Impact of chemotherapy for HIV-1 related lymphoma on residual viremia and cellular HIV-1 DNA in patients on suppressive antiretroviral therapy. <i>PLoS ONE</i> , 2014 , 9, e92118	3.7	14
48	Multi-dose Romidepsin Reactivates Replication Competent SIV in Post-antiretroviral Rhesus Macaque Controllers. <i>PLoS Pathogens</i> , 2016 , 12, e1005879	7.6	14

47	Antibody Responses After mRNA-Based COVID-19 Vaccination in Residential Older Adults: Implications for Reopening. <i>Journal of the American Medical Directors Association</i> , 2021 , 22, 1593-1598	5.9	14
46	Blockade of the PD-1 axis alone is not sufficient to activate HIV-1 virion production from CD4+ T cells of individuals on suppressive ART. <i>PLoS ONE</i> , 2019 , 14, e0211112	3.7	13
45	Assessing intra-lab precision and inter-lab repeatability of outgrowth assays of HIV-1 latent reservoir size. <i>PLoS Computational Biology</i> , 2019 , 15, e1006849	5	13
44	Blood biomarkers of expressed and inducible HIV-1. <i>Aids</i> , 2018 , 32, 699-708	3.5	13
43	Associations between HIV-1 DNA copy number, proviral transcriptional activity, and plasma viremia in individuals off or on suppressive antiretroviral therapy. <i>Virology</i> , 2018 , 521, 51-57	3.6	12
42	Objective Measurement of Inaccurate Condom Use Reporting Among Women Using Depot Medroxyprogesterone Acetate for Contraception. <i>AIDS and Behavior</i> , 2017 , 21, 2173-2179	4.3	12
41	How Much Do We Know about Drug Resistance Due to PrEP Use? Analysis of Experts' Opinion and Its Influence on the Projected Public Health Impact. <i>PLoS ONE</i> , 2016 , 11, e0158620	3.7	12
40	HIV-1 DNA decay is faster in children who initiate ART shortly after birth than later. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25368	5.4	10
39	Low Frequency of Drug-Resistant Variants Selected by Long-Acting Rilpivirine in Macaques Infected with Simian Immunodeficiency Virus Containing HIV-1 Reverse Transcriptase. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 7762-70	5.9	10
38	Reversal of T-cell exhaustion as a strategy to improve immune control of HIV-1. <i>Aids</i> , 2015 , 29, 1911-5	3.5	10
37	Integration in oncogenes plays only a minor role in determining the in vivo distribution of HIV integration sites before or during suppressive antiretroviral therapy. <i>PLoS Pathogens</i> , 2021 , 17, e1009141	7.6	10
36	Persistent HIV-1 Viremia on Antiretroviral Therapy: Measurement and Mechanisms. <i>Frontiers in Microbiology</i> , 2019 , 10, 2383	5.7	9
35	Simian Immunodeficiency Virus SIV _{sm} Infection of Rhesus Macaques as a Model of Complete Immunological Suppression with Persistent Reservoirs of Replication-Competent Virus: Implications for Cure Research. <i>Journal of Virology</i> , 2015 , 89, 6155-60	6.6	9
34	Impact of HLA Class I Alleles on Timing of HIV Rebound After Antiretroviral Treatment Interruption. <i>Pathogens and Immunity</i> , 2017 , 2, 431-445	4.9	9
33	The TLR7 agonist vesatolimod induced a modest delay in viral rebound in HIV controllers after cessation of antiretroviral therapy. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	9
32	HIV-specific T cell responses reflect substantive in vivo interactions with antigen despite long-term therapy. <i>JCI Insight</i> , 2021 , 6,	9.9	9
31	Intact HIV Proviruses Persist in Children Seven to Nine Years after Initiation of Antiretroviral Therapy in the First Year of Life. <i>Journal of Virology</i> , 2020 , 94,	6.6	8
30	HIV Proviral Sequence Database: A New Public Database for Near Full-Length HIV Proviral Sequences and Their Meta-Analyses. <i>AIDS Research and Human Retroviruses</i> , 2020 , 36, 1-3	1.6	8

29	Deciphering the Effects of Injectable Pre-exposure Prophylaxis for Combination Human Immunodeficiency Virus Prevention. <i>Open Forum Infectious Diseases</i> , 2016 , 3, ofw125	1	7
28	Dapivirine vaginal ring for HIV prevention: modelling health outcomes, drug resistance and cost-effectiveness. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25282	5.4	6
27	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
26	Frequent cross-resistance to rilpivirine among subtype C HIV-1 from first-line antiretroviral therapy failures in South Africa. <i>Antiviral Chemistry and Chemotherapy</i> , 2018 , 26, 2040206618762985	3.5	5
25	Assessment of Clinical Outcomes Among Children and Adolescents Hospitalized With COVID-19 in 6 Sub-Saharan African Countries.. <i>JAMA Pediatrics</i> , 2022 ,	8.3	5
24	Automated Multireplicate Quantification of Persistent HIV-1 Viremia in Individuals on Antiretroviral Therapy. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	5
23	Early Emergence and Long-Term Persistence of HIV-Infected T-Cell Clones in Children. <i>MBio</i> , 2021 , 12,	7.8	5
22	Telemedicine and Infectious Diseases Practice: A Leap Forward or a Step Back?. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz196	1	4
21	Preprocedural SARS-CoV-2 Testing to Sustain Medically Needed Health Care Delivery During the COVID-19 Pandemic: A Prospective Observational Study. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab022	1	4
20	Molecular mechanism of HIV-1 resistance to 3Pazido-2P3Pdideoxyguanosine. <i>Antiviral Research</i> , 2014 , 101, 62-7	10.8	3
19	High Prevalence of Cross-resistance to Rilpivirine in Subtype C HIV-1 Isolates from First-line ART Failures in South Africa. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A166-A166	1.6	3
18	Lower pre-ART intra-participant HIV-1 pol diversity may not be associated with virologic failure in adults. <i>PLoS ONE</i> , 2018 , 13, e0190438	3.7	3
17	Temporal Changes in Clinical Practice with COVID-19 Hospitalized Patients: Potential Explanations for Better In-Hospital Outcomes		3
16	Brief Report: Dipyridamole Decreases Gut Mucosal Regulatory T-Cell Frequencies Among People With HIV on Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 85, 665-669	3.1	3
15	Diverse Human Immunodeficiency Virus-1 Drug Resistance Profiles at Screening for ACTG A5288: A Study of People Experiencing Virologic Failure on Second-line Antiretroviral Therapy in Resource-limited Settings. <i>Clinical Infectious Diseases</i> , 2020 , 71, e170-e177	11.6	3
14	Performance of Celera RUO integrase resistance assay across multiple HIV-1 subtypes. <i>Journal of Virological Methods</i> , 2017 , 241, 41-45	2.6	2
13	Insertional activation of and by HIV-1 proviruses in T cell lymphomas. <i>Science Advances</i> , 2021 , 7, eabi87954.3	4.3	2
12	Tracking HIV-1-Infected Cell Clones Using Integration Site-Specific qPCR. <i>Viruses</i> , 2021 , 13,	6.2	2

11	Can Broadly Neutralizing HIV-1 Antibodies Help Achieve an ART-Free Remission?. <i>Frontiers in Immunology</i> , 2021 , 12, 710044	8.4	2
10	Cost-effectiveness of easy-access, risk-informed oral pre-exposure prophylaxis in HIV epidemics in sub-Saharan Africa: a modelling study.. <i>Lancet HIV</i> , 2022 , 9, e353-e362	7.8	2
9	Longitudinal changes in HIV DNA in HIV controllers: what do they mean?. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25254	5.4	1
8	Novel Criteria for Diagnosing Acute and Early Human Immunodeficiency Virus Infection in a Multinational Study of Early Antiretroviral Therapy Initiation. <i>Clinical Infectious Diseases</i> , 2021 , 73, e643-e651	11.6	1
7	Comparison of methods to quantify inducible HIV-1 outgrowth. <i>Journal of Virus Eradication</i> , 2021 , 7, 100043	10.43	1
6	Reply to Kojima and Klausner. <i>Clinical Infectious Diseases</i> , 2018 , 67, 1469-1470	11.6	1
5	The transformation of HIV therapy: One pill once a day.. <i>Antiviral Therapy</i> , 2022 , 27, 13596535211062396	11.6	1
4	HIV-1 drug resistance among individuals who seroconverted in the ASPIRE dapivirine ring trial. <i>Journal of the International AIDS Society</i> , 2021 , 24, e25833	5.4	0
3	A highly-specific fully-human antibody and CAR-T cells targeting CD66e/CEACAM5 are cytotoxic for CD66e-expressing cancer cells in vitro and in vivo. <i>Cancer Letters</i> , 2022 , 525, 97-107	9.9	0
2	The Argument Against Testing for INSTI Resistance in Treatment Naive Patients. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1820-1821	11.6	
1	Reply to Suthar et al. <i>Journal of Infectious Diseases</i> , 2019 , 219, 673-674	7	