

Una O'doherty

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

6,144
citations

109137

35
h-index

143772

57
g-index

60
all docs

60
docs citations

60
times ranked

6305
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Immunodeficiency Virus Type 1 Spinoculation Enhances Infection through Virus Binding. <i>Journal of Virology</i> , 2000, 74, 10074-10080.	1.5	608
2	Comparative Analysis of Measures of Viral Reservoirs in HIV-1 Eradication Studies. <i>PLoS Pathogens</i> , 2013, 9, e1003174.	2.1	524
3	Clinical use of lentiviral vectors. <i>Leukemia</i> , 2018, 32, 1529-1541.	3.3	519
4	Towards an HIV cure: a global scientific strategy. <i>Nature Reviews Immunology</i> , 2012, 12, 607-614.	10.6	485
5	Defective HIV-1 proviruses produce novel protein-coding RNA species in HIV-infected patients on combination antiretroviral therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8783-8788.	3.3	282
6	Efficient Interaction of HIV-1 with Purified Dendritic Cells via Multiple Chemokine Coreceptors. <i>Journal of Experimental Medicine</i> , 1996, 184, 2433-2438.	4.2	250
7	A Novel Assay to Measure the Magnitude of the Inducible Viral Reservoir in HIV-infected Individuals. <i>EBioMedicine</i> , 2015, 2, 874-883.	2.7	242
8	A Sensitive, Quantitative Assay for Human Immunodeficiency Virus Type 1 Integration. <i>Journal of Virology</i> , 2002, 76, 10942-10950.	1.5	200
9	Pegylated Interferon Alfa-2a Monotherapy Results in Suppression of HIV Type 1 Replication and Decreased Cell-Associated HIV DNA Integration. <i>Journal of Infectious Diseases</i> , 2013, 207, 213-222.	1.9	183
10	Human Immunodeficiency Virus Type 1 Can Establish Latent Infection in Resting CD4 + T Cells in the Absence of Activating Stimuli. <i>Journal of Virology</i> , 2005, 79, 14179-14188.	1.5	173
11	cis Expression of DC-SIGN Allows for More Efficient Entry of Human and Simian Immunodeficiency Viruses via CD4 and a Coreceptor. <i>Journal of Virology</i> , 2001, 75, 12028-12038.	1.5	170
12	Longitudinal HIV sequencing reveals reservoir expression leading to decay which is obscured by clonal expansion. <i>Nature Communications</i> , 2019, 10, 728.	5.8	149
13	Detecting HIV-1 integration by repetitive-sampling Alu-gag PCR. <i>Methods</i> , 2009, 47, 254-260.	1.9	138
14	Elite Suppressors Harbor Low Levels of Integrated HIV DNA and High Levels of 2-LTR Circular HIV DNA Compared to HIV+ Patients On and Off HAART. <i>PLoS Pathogens</i> , 2011, 7, e1001300.	2.1	131
15	HIV integration site distributions in resting and activated CD4 + T cells infected in culture. <i>Aids</i> , 2009, 23, 1461-1471.	1.0	129
16	Directly Infected Resting CD4+T Cells Can Produce HIV Gag without Spreading Infection in a Model of HIV Latency. <i>PLoS Pathogens</i> , 2012, 8, e1002818.	2.1	126
17	A novel monoclonal antibody against human Argonaute proteins reveals unexpected characteristics of miRNAs in human blood cells. <i>Rna</i> , 2007, 13, 1787-1792.	1.6	107
18	HIV-1 integrates into resting CD4+ T cells even at low inoculums as demonstrated with an improved assay for HIV-1 integration. <i>Virology</i> , 2007, 368, 60-72.	1.1	106

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19	HIV latency and integration site placement in five cell-based models. <i>Retrovirology</i> , 2013, 10, 90.	0.9	104
20	HIV reservoirs and latency models. <i>Virology</i> , 2011, 411, 344-354.	1.1	100
21	Prospective Antiretroviral Treatment of Asymptomatic, HIV-1 Infected Controllers. <i>PLoS Pathogens</i> , 2013, 9, e1003691.	2.1	94
22	Rapid manufacturing of non-activated potent CAR T cells. <i>Nature Biomedical Engineering</i> , 2022, 6, 118-128.	11.6	92
23	CD4+ and CD8+ T Cell Activation Are Associated with HIV DNA in Resting CD4+ T Cells. <i>PLoS ONE</i> , 2014, 9, e110731.	1.1	88
24	Human Immunodeficiency Virus Integrates Directly into Naïve Resting CD4 ⁺ T Cells but Enters Naïve Cells Less Efficiently than Memory Cells. <i>Journal of Virology</i> , 2009, 83, 4528-4537.	1.5	86
25	Comprehensive analysis of unique cases with extraordinary control over HIV replication. <i>Blood</i> , 2012, 119, 4645-4655.	0.6	86
26	Concurrent measures of total and integrated HIV DNA monitor reservoirs and ongoing replication in eradication trials. <i>Aids</i> , 2012, 26, 2295-2306.	1.0	81
27	Beyond the replication-competent HIV reservoir: transcription and translation-competent reservoirs. <i>Retrovirology</i> , 2018, 15, 18.	0.9	76
28	A more precise HIV integration assay designed to detect small differences finds lower levels of integrated DNA in HAART treated patients. <i>Virology</i> , 2008, 379, 78-86.	1.1	73
29	A Subset of CD4/CD8 Double-Negative T Cells Expresses HIV Proteins in Patients on Antiretroviral Therapy. <i>Journal of Virology</i> , 2016, 90, 2165-2179.	1.5	54
30	Addition of Deoxynucleosides Enhances Human Immunodeficiency Virus Type 1 Integration and 2LTR Formation in Resting CD4 ⁺ T Cells. <i>Journal of Virology</i> , 2007, 81, 13938-13942.	1.5	52
31	Gag-Positive Reservoir Cells Are Susceptible to HIV-Specific Cytotoxic T Lymphocyte Mediated Clearance In Vitro and Can Be Detected In Vivo. <i>PLoS ONE</i> , 2013, 8, e71879.	1.1	51
32	Long HIV Type 1 Reverse Transcripts Can Accumulate Stably within Resting CD4 ⁺ T Cells While Short Ones Are Degraded. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 285-295.	0.5	49
33	The CXCR4-Tropic Human Immunodeficiency Virus Envelope Promotes More-Efficient Gene Delivery to Resting CD4 ⁺ T Cells than the Vesicular Stomatitis Virus Glycoprotein G Envelope. <i>Journal of Virology</i> , 2009, 83, 8153-8162.	1.5	41
34	The Dendritic Cell-T Cell Milieu of the Lymphoid Tissue of the Tonsil Provides a Locale in Which SIV Can Reside and Propagate at Chronic Stages of Infection. <i>AIDS Research and Human Retroviruses</i> , 1999, 15, 1305-1314.	0.5	38
35	Quantification of Integrated HIV DNA by Repetitive-Sampling Alu-HIV PCR on the Basis of Poisson Statistics. <i>Clinical Chemistry</i> , 2014, 60, 886-895.	1.5	37
36	Measuring integrated HIV DNA ex vivo and in vitro provides insights about how reservoirs are formed and maintained. <i>Retrovirology</i> , 2018, 15, 22.	0.9	35

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37	Persistence of an intact HIV reservoir in phenotypically naive T cells. JCI Insight, 2020, 5, .	2.3	33
38	Dendritic cells from skin and blood of macaques both promote SIV replication with T cells from different anatomical sites. Journal of Medical Primatology, 1998, 27, 121-128.	0.3	32
39	Genetic Evidence That Naive T Cells Can Contribute Significantly to the Human Immunodeficiency Virus Intact Reservoir: Time to Re-evaluate Their Role. Clinical Infectious Diseases, 2019, 69, 2236-2237.	2.9	32
40	HIV 2-long terminal repeat circular DNA is stable in primary CD4+T Cells. Virology, 2013, 441, 18-21.	1.1	30
41	Patients on HAART often have an excess of unintegrated HIV DNA: Implications for monitoring reservoirs. Virology, 2011, 409, 46-53.	1.1	29
42	Anti-HIV Antibody Responses and the HIV Reservoir Size during Antiretroviral Therapy. PLoS ONE, 2016, 11, e0160192.	1.1	26
43	Minor Contribution of Chimeric Host-HIV Readthrough Transcripts to the Level of HIV Cell-Associated <i>gag</i> RNA. Journal of Virology, 2016, 90, 1148-1151.	1.5	25
44	Quantitation of integrated proviral DNA in viral reservoirs. Current Opinion in HIV and AIDS, 2013, 8, 100-105.	1.5	24
45	Effect of Short-Term Antiretroviral Therapy Interruption on Levels of Integrated HIV DNA. Journal of Virology, 2018, 92, .	1.5	24
46	Quantitation of HIV DNA integration: Effects of differential integration site distributions on Alu-PCR assays. Journal of Virological Methods, 2013, 189, 53-57.	1.0	21
47	Monitoring Integration over Time Supports a Role for Cytotoxic T Lymphocytes and Ongoing Replication as Determinants of Reservoir Size. Journal of Virology, 2016, 90, 10436-10445.	1.5	20
48	R5 HIV <i>env</i> and Vesicular Stomatitis Virus G Protein Cooperate To Mediate Fusion to Naïve CD4 ⁺ T Cells. Journal of Virology, 2011, 85, 644-648.	1.5	15
49	Quantitation of Integrated HIV Provirus by Pulsed-Field Gel Electrophoresis and Droplet Digital PCR. Journal of Clinical Microbiology, 2018, 56, .	1.8	15
50	Naive infection predicts reservoir diversity and is a formidable hurdle to HIV eradication. JCI Insight, 2021, 6, .	2.3	15
51	Interferon- β alters host glycosylation machinery during treated HIV infection. EBioMedicine, 2020, 59, 102945.	2.7	11
52	Femtomolar SARS-CoV-2 Antigen Detection Using the Microbubbling Digital Assay with Smartphone Readout Enables Antigen Burden Quantitation and Tracking. Clinical Chemistry, 2021, 68, 230-239.	1.5	11
53	Next-Generation Sequencing in a Direct Model of HIV Infection Reveals Important Parallels to and Differences from In Vivo Reservoir Dynamics. Journal of Virology, 2020, 94, .	1.5	6
54	Quantifying integrated SIV-DNA by repetitive-sampling Alu-gag PCR. Journal of Virus Eradication, 2016, 2, 219-226.	0.3	5

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55	Mechanisms of human immunodeficiency virus-1 latency. <i>Transfusion</i> , 2005, 45, 88S-91S.	0.8	4
56	Heavy metal protease takes a tiki torch to HIV assembly. <i>Nature Immunology</i> , 2019, 20, 668-669.	7.0	3
57	More efficient exchange of sickle red blood cells can be achieved by exchanging the densest red blood cells: An ex vivo proof of concept study. <i>Transfusion and Apheresis Science</i> , 2019, 58, 100-106.	0.5	1
58	Rapid prediction of stem cell mobilization using volume and conductivity data from automated hematology analyzers. <i>Transfusion</i> , 2018, 58, 330-338.	0.8	0
59	More Efficient Exchange of Sickle Red Blood Cells Can be Achieved By Exchanging the Densest Red Blood Cells. <i>Blood</i> , 2016, 128, 3856-3856.	0.6	0