

John M Coffin

List of Publications by Year in Descending Order

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Version: 2024-04-10

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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.

67

papers

5,011

citations

33

h-index

70

g-index

80

ext. papers

6,000

ext. citations

14.4

avg, IF

5.49

L-index

#	Paper	IF	Citations
67	Clonal Expansion of Infected CD4+ T Cells in People Living with HIV. <i>Viruses</i> , 2021 , 13,	6.2	3
66	CpG Methylation Profiles of HIV-1 Pro-Viral DNA in Individuals on ART. <i>Viruses</i> , 2021 , 13,	6.2	4
65	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
64	Early Emergence and Long-Term Persistence of HIV-Infected T-Cell Clones in Children. <i>MBio</i> , 2021 , 12,	7.8	5
63	Tracking HIV-1-Infected Cell Clones Using Integration Site-Specific qPCR. <i>Viruses</i> , 2021 , 13,	6.2	2
62	HIVIntact: a python-based tool for HIV-1 genome intactness inference. <i>Retrovirology</i> , 2021 , 18, 16	3.6	0
61	50th anniversary of the discovery of reverse transcriptase. <i>Molecular Biology of the Cell</i> , 2021 , 32, 91-97	3.5	1
60	An analytical pipeline for identifying and mapping the integration sites of HIV and other retroviruses. <i>BMC Genomics</i> , 2020 , 21, 216	4.5	8
59	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
58	Short Communication: HIV-DRLink: A Tool for Reporting Linked HIV-1 Drug Resistance Mutations in Large Single-Genome Data Sets Using the Stanford HIV Database. <i>AIDS Research and Human Retroviruses</i> , 2020 , 36, 942-947	1.6	1
57	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
56	Clonal expansion of SIV-infected cells in macaques on antiretroviral therapy is similar to that of HIV-infected cells in humans. <i>PLoS Pathogens</i> , 2019 , 15, e1007869	7.6	18
55	A9 A method to obtain full-length HIV proviral sequences and their sites of integration. <i>Virus Evolution</i> , 2019 , 5,	3.7	78
54	A12 Modeling residual HIV replication and the emergence of drug resistance on ART. <i>Virus Evolution</i> , 2019 , 5,	3.7	78
53	HIV Infected T Cells Can Proliferate Without Inducing Expression of the Integrated Provirus. <i>Frontiers in Microbiology</i> , 2019 , 10, 2204	5.7	21
52	Clones of infected cells arise early in HIV-infected individuals. <i>JCI Insight</i> , 2019 , 4,	9.9	35
51	Linked dual-class HIV resistance mutations are associated with treatment failure. <i>JCI Insight</i> , 2019 , 4,	9.9	4

50	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
49	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
48	Gorillas have been infected with the HERV-K (HML-2) endogenous retrovirus much more recently than humans and chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1337-1346	11.5	9
47	Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. <i>Journal of Virology</i> , 2018 , 92,	6.6	56
46	Mechanisms of HERV-K (HML-2) Transcription during Human Mammary Epithelial Cell Transformation. <i>Journal of Virology</i> , 2018 , 92,	6.6	19
45	Promoter expression of HERV-K (HML-2) provirus-derived sequences is related to LTR sequence variation and polymorphic transcription factor binding sites. <i>Retrovirology</i> , 2018 , 15, 57	3.6	18
44	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
43	Nomenclature for endogenous retrovirus (ERV) loci. <i>Retrovirology</i> , 2018 , 15, 59	3.6	47
42	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
41	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
40	Provirus with identical sequences comprise a large fraction of the replication-competent HIV reservoir. <i>PLoS Pathogens</i> , 2017 , 13, e1006283	7.6	137
39	Ongoing HIV Replication During ART Reconsidered. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx173	1	38
38	No evidence of HIV replication in children on antiretroviral therapy. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3827-3834	15.9	44
37	Origin of Rebound Plasma HIV Includes Cells with Identical Provirus That Are Transcriptionally Active before Stopping of Antiretroviral Therapy. <i>Journal of Virology</i> , 2016 , 90, 1369-76	6.6	92
36	Discovery of unfixed endogenous retrovirus insertions in diverse human populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E2326-34	11.5	151
35	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
34	Retrovirus Integration Database (RID): a public database for retroviral insertion sites into host genomes. <i>Retrovirology</i> , 2016 , 13, 47	3.6	25
33	Ultrasensitive single-genome sequencing: accurate, targeted, next generation sequencing of HIV-1 RNA. <i>Retrovirology</i> , 2016 , 13, 87	3.6	30

32	What Integration Sites Tell Us about HIV Persistence. <i>Cell Host and Microbe</i> , 2016 , 19, 588-98	23.4	47
31	The Discovery of Reverse Transcriptase. <i>Annual Review of Virology</i> , 2016 , 3, 29-51	14.6	23
30	Differential expression of HERV-K (HML-2) proviruses in cells and virions of the teratocarcinoma cell line Tera-1. <i>Viruses</i> , 2015 , 7, 939-68	6.2	43
29	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
28	The discovery of HTLV-1, the first pathogenic human retrovirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15525-9	11.5	22
27	The distribution of insertionally polymorphic endogenous retroviruses in breast cancer patients and cancer-free controls. <i>Retrovirology</i> , 2014 , 11, 62	3.6	26
26	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
25	PAPNC, a novel method to calculate nucleotide diversity from large scale next generation sequencing data. <i>Journal of Virological Methods</i> , 2014 , 203, 73-80	2.6	12
24	Endogenous retroviruses and human cancer: is there anything to the rumors?. <i>Cell Host and Microbe</i> , 2014 , 15, 255-9	23.4	12
23	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
22	False-positive HIV PCR test following ex vivo lentiviral gene transfer treatment of X-linked severe combined immunodeficiency vector. <i>Molecular Therapy</i> , 2014 , 22, 244-245	11.7	12
21	Lack of detectable HIV-1 molecular evolution during suppressive antiretroviral therapy. <i>PLoS Pathogens</i> , 2014 , 10, e1004010	7.6	156
20	HIV-1 expression within resting CD4+ T cells after multiple doses of vorinostat. <i>Journal of Infectious Diseases</i> , 2014 , 210, 728-35	7	191
19	Low-frequency nevirapine (NVP)-resistant HIV-1 variants are not associated with failure of antiretroviral therapy in women without prior exposure to single-dose NVP. <i>Journal of Infectious Diseases</i> , 2014 , 209, 703-10	7	27
18	Virions at the gates: receptors and the host-virus arms race. <i>PLoS Biology</i> , 2013 , 11, e1001574	9.7	20
17	HIV pathogenesis: dynamics and genetics of viral populations and infected cells. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013 , 3, a012526	5.4	76
16	Role of low-frequency HIV-1 variants in failure of nevirapine-containing antiviral therapy in women previously exposed to single-dose nevirapine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9202-7	11.5	47
15	The effect of raltegravir intensification on low-level residual viremia in HIV-infected patients on antiretroviral therapy: a randomized controlled trial. <i>PLoS Medicine</i> , 2010 , 7, e1000321	11.6	222

14	Flexible use of nuclear import pathways by HIV-1. <i>Cell Host and Microbe</i> , 2010 , 7, 221-33	23.4	322
13	Attenuation by a thousand cuts. <i>New England Journal of Medicine</i> , 2008 , 359, 2283-5	59.2	12
12	Effects of retroviruses on host genome function. <i>Annual Review of Genetics</i> , 2008 , 42, 709-32	14.5	337
11	Retroviruses and AIDS: evolution and drug resistance. <i>Future HIV Therapy</i> , 2007 , 1, 243-245		
10	Multiple, linked human immunodeficiency virus type 1 drug resistance mutations in treatment-experienced patients are missed by standard genotype analysis. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 406-13	9.7	398
9	New real-time reverse transcriptase-initiated PCR assay with single-copy sensitivity for human immunodeficiency virus type 1 RNA in plasma. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 4531-6	9.7	485
8	Evidence for genomic rearrangements mediated by human endogenous retroviruses during primate evolution. <i>Nature Genetics</i> , 2001 , 29, 487-9	36.3	165
7	The dangers of xenotransplantation. <i>Nature Medicine</i> , 1995 , 1, 1100	50.5	57
6	Multifactorial inheritance of neural tube defects: localization of the major gene and recognition of modifiers in ct mutant mice. <i>Nature Genetics</i> , 1994 , 6, 357-62	36.3	109
5	Linkage of Mls genes to endogenous mammary tumour viruses of inbred mice. <i>Nature</i> , 1991 , 349, 526-8	50.4	297
4	Molecular mechanisms of nucleic acid integration. <i>Journal of Medical Virology</i> , 1990 , 31, 43-9	19.7	31
3	Too high a price. <i>Nature</i> , 1989 , 340, 259-259	50.4	
2	Microbiology: The Microbe 1984 . Cambridge University Press, New York, 1984. In two volumes. Part 1, Viruses. B. W. J. Mahy and J. R. Pattison, Eds. x, 344 pp., illus. \$59.50. Part 2, Prokaryotes and Eukaryotes. D. P. KELLY and N. G. CAMu, Eds. x, 349 pp., illus. \$59.50. Symposia of the Society for General Microbiology, 36. From a symposium, Warwick, U.K., April 1984.. <i>Science</i> , 1985 , 227, 158-159	33.3	
1	Retrovirus Variation and Evolution221-244		4