Anat Melamed

List of Publications by Year
in descending order

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Version: 2024-02-01

34 papers	1,484 citations	430754 18 h-index	454834 30 g-index
40 all docs	40 docs citations	40 times ranked	1632 citing authors

#	Article	IF	Citations
1	The host genomic environment of the provirus determines the abundance of HTLV-1â€“infected T-cell clones. Blood, 2011, 117, 3113-3122.	0.6	273
2	The retrovirus HTLV-1 inserts an ectopic CTCF-binding site into the human genome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3054-3059.	3.3	117
3	The role of HTLV-1 clonality, proviral structure, and genomic integration site in adult T-cell leukemia/lymphoma. Blood, 2014, 123, 3925-3931.	0.6	112
4	Estimating abundances of retroviral insertion sites from DNA fragment length data. Bioinformatics, 2012, 28, 755-762.	1.8	106
5	HTLV-1â€“infected T cells contain a single integrated provirus in natural infection. Blood, 2012, 120, 3488-3490.	0.6	101
6	Genome-wide Determinants of Proviral Targeting, Clonal Abundance and Expression in Natural HTLV-1 Infection. PLoS Pathogens, 2013, 9, e1003271.	2.1	92
7	HTLV-1 clonality in adult T-cell leukaemia and non-malignant HTLV-1 infection. Seminars in Cancer Biology, 2014, 26, 89-98.	4.3	87
8	Quantification of HTLV-1 Clonality and TCR Diversity. PLoS Computational Biology, 2014, 10, e1003646.	1.5	71
9	The human leukemia virus HTLV-1 alters the structure and transcription of host chromatin in cis. ELife, 2018, 7, .	2.8	64
10	Rapid dissemination of human T-lymphotropic virus type 1 during primary infection in transplant recipients. Retrovirology, 2016, 13, 3.	0.9	56
11	Human T-cell leukemia virus type 1 infects multiple lineage hematopoietic cells in vivo. PLoS Pathogens, 2017, 13, e1006722.	2.1	56
12	Evolution of retrovirus-infected premalignant T-cell clones prior to adult T-cell leukemia/lymphoma diagnosis. Blood, 2020, 135, 2023-2032.	0.6	47
13	Clonality of HTLV-2 in Natural Infection. PLoS Pathogens, 2014, 10, e1004006.	2.1	35
14	HTLV-1 drives vigorous clonal expansion of infected CD8+ T cells in natural infection. Retrovirology, 2015, 12, 91.	0.9	31
15	The impact of HTLV-1 on the cellular genome. Current Opinion in Virology, 2017, 26, 125-131.	2.6	28
16	Retroviruses integrate into a shared, non-palindromic DNA motif. Nature Microbiology, 2017, 2, 16212.	5.9	28
17	Dynamics and mechanisms of clonal expansion of HIV-1-infected cells in a humanized mouse model. Scientific Reports, 2017, 7, 6913.	1.6	24
18	T Cell Receptor VÎ² Staining Identifies the Malignant Clone in Adult T cell Leukemia and Reveals Killing of Leukemia Cells by Autologous CD8+ T cells. PLoS Pathogens, 2016, 12, e1006030.	2.1	24

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19	Digoxin reveals a functional connection between HIV-1 integration preference and T-cell activation. PLoS Pathogens, 2017, 13, e1006460.	2.1	21
20	HTLV-1 proviral integration sites differ between asymptomatic carriers and patients with HAM/TSP. Virology Journal, 2014, 11, 172.	1.4	16
21	Selective clonal persistence of human retroviruses in vivo: Radial chromatin organization, integration site, and host transcription. Science Advances, 2022, 8, eabm6210.	4.7	15
22	Impact of Hepatitis B Virus Coinfection on Human T-Lymphotropic Virus Type 1 Clonality in an Indigenous Population of Central Australia. Journal of Infectious Diseases, 2019, 219, 562-567.	1.9	13
23	Whole body clonality analysis in an aggressive STLV-1 associated leukemia (ATLL) reveals an unexpected clonal complexity. Cancer Letters, 2017, 389, 78-85.	3.2	12
24	Long-term clinical remission maintained after cessation of zidovudine and interferon-Î± therapy in chronic adult T-cell leukemia/lymphoma. International Journal of Hematology, 2018, 107, 378-382.	0.7	12
25	Time-course of host cell transcription during the HTLV-1 transcriptional burst. PLoS Pathogens, 2022, 18, e1010387.	2.1	10
26	High-Throughput Mapping and Clonal Quantification of Retroviral Integration Sites. Methods in Molecular Biology, 2017, 1582, 127-141.	0.4	9
27	In vivo dynamics and adaptation of HTLV-1-infected clones under different clinical conditions. PLoS Pathogens, 2021, 17, e1009271.	2.1	9
28	Molecular remissions are observed in chronic adult T-cell leukemia/lymphoma in patients treated with mogamulizumab. Haematologica, 2019, 104, e566-e569.	1.7	8
29	Clonality of HIV-1â€“ and HTLV-1â€“Infected Cells in Naturally Coinfected Individuals. Journal of Infectious Diseases, 2022, 225, 317-326.	1.9	3
30	Clonality, latency and integration of HTLV-1 in vivo. Retrovirology, 2013, 10, .	0.9	0
31	Identification of long-range chromatin interactions between HTLV-1 and the host genome. Retrovirology, 2015, 12, .	0.9	0
32	Comparative analysis of gene expression patterns in the HTLV-1 infected T-cell clones. Retrovirology, 2015, 12, .	0.9	0
33	Treatment of an aggressive STLV-1 associated lymphoma in a naturally infected baboon. Retrovirology, 2015, 12, .	0.9	0
34	Abstract 2715: Host genomic environment determines HTLV-1 clone sizein vivo. , 2011, , .		0