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List of Publications by Year
in descending order

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45 papers	2,727 citations	236925 25 h-index	243625 44 g-index
45 all docs	45 docs citations	45 times ranked	4296 citing authors

#	Article	IF	Citations
1	Maintenance of Peripheral Naive T Cells Is Sustained by Thymus Output in Mice but Not Humans. Immunity, 2012, 36, 288-297.	14.3	482
2	MHC polymorphism under host-pathogen coevolution. Immunogenetics, 2004, 55, 732-739.	2.4	235
3	Extending the quasi-steady state approximation by changing variables. Bulletin of Mathematical Biology, 1996, 58, 43-63.	1.9	227
4	Sparse production but preferential incorporation of recently produced naÃ¯ve T cells in the human peripheral pool. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6115-6120.	7.1	189
5	The full spectrum of human naive T cells. Nature Reviews Immunology, 2018, 18, 363-373.	22.7	168
6	Thymic output: a bad TREC record. Nature Immunology, 2003, 4, 97-99.	14.5	154
7	Closing the gap between T-cell life span estimates from stable isotope-labeling studies in mice and humans. Blood, 2013, 122, 2205-2212.	1.4	106
8	Human CD62Ldim neutrophils identified as a separate subset by proteome profiling and in vivo pulse-chase labeling. Blood, 2017, 129, 3476-3485.	1.4	86
9	Lymphocyte maintenance during healthy aging requires no substantial alterations in cellular turnover. Aging Cell, 2015, 14, 219-227.	6.7	76
10	Neonatal thymectomy reveals differentiation and plasticity within human naive T cells. Journal of Clinical Investigation, 2016, 126, 1126-1136.	8.2	76
11	Quantification of Tâ€cell dynamics: from telomeres to DNA labeling. Immunological Reviews, 2007, 216, 35-47.	6.0	71
12	Circulatory and maturation kinetics of human monocyte subsets in vivo. Blood, 2017, 130, 1474-1477.	1.4	61
13	Long-term restoration of the human T-cell compartment after thymectomy during infancy: a role for thymic regeneration?. Blood, 2011, 118, 627-634.	1.4	60
14	Functional categories of immune inhibitory receptors. Nature Reviews Immunology, 2020, 20, 771-780.	22.7	60
15	Establishment of the CD4+ T-cell pool in healthy children and untreated children infected with HIV-1. Blood, 2004, 104, 3513-3519.	1.4	59
16	Thymic selection does not limit the individual MHC diversity. European Journal of Immunology, 2003, 33, 3353-3358.	2.9	52
17	Human T Cell Memory: A Dynamic View. Vaccines, 2017, 5, 5.	4.4	50
18	De novo T-cell generation in patients at different ages and stages of HIV-1 disease. Blood, 2004, 104, 470-477.	1.4	49

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19	Extending the quasi-steady state approximation by changing variables. Bulletin of Mathematical Biology, 1996, 58, 43-63.	1.9	47
20	Current best estimates for the average lifespans of mouse and human leukocytes: reviewing two decades of deuteriumâ€labeling experiments. Immunological Reviews, 2018, 285, 233-248.	6.0	40
21	Lymphocyte kinetics in health and disease. Trends in Immunology, 2009, 30, 182-189.	6.8	33
22	Explicit Kinetic Heterogeneity: Mathematical Models for Interpretation of Deuterium Labeling of Heterogeneous Cell Populations. PLoS Computational Biology, 2010, 6, e1000666.	3.2	33
23	Potential impact of maternal vaccination on life-threatening respiratory syncytial virus infection during infancy. Vaccine, 2018, 36, 4693-4700.	3.8	33
24	Short Lifespans of Memory T-cells in Bone Marrow, Blood, and Lymph Nodes Suggest That T-cell Memory Is Maintained by Continuous Self-Renewal of Recirculating Cells. Frontiers in Immunology, 2018, 9, 2054.	4.8	32
25	Quantification of naive and memory T-cell turnover during HIV-1 infection. Aids, 2015, 29, 2071-2080.	2.2	28
26	Maraviroc Intensification of cART in Patients with Suboptimal Immunological Recovery: A 48-Week, Placebo-Controlled Randomized Trial. PLoS ONE, 2015, 10, e0132430.	2.5	26
27	Complex T-Cell Receptor Repertoire Dynamics Underlie the CD8+T-Cell Response to HIV-1. Journal of Virology, 2015, 89, 110-119.	3.4	23
28	Immune activation correlates with and predicts CXCR4 co-receptor tropism switch in HIV-1 infection. Scientific Reports, 2020, 10, 15866.	3.3	19
29	Reconciling Estimates of Cell Proliferation from Stable Isotope Labeling Experiments. PLoS Computational Biology, 2015, 11, e1004355.	3.2	17
30	Quantitating Lymphocyte Homeostasis In Vivo in Humans Using Stable Isotope Tracers. Methods in Molecular Biology, 2013, 979, 107-131.	0.9	15
31	Dynamics of Recent Thymic Emigrants in Young Adult Mice. Frontiers in Immunology, 2017, 8, 933.	4.8	14
32	Age and CMV-Infection Jointly Affect the EBV-Specific CD8+ T-Cell Repertoire. Frontiers in Aging, 2021, 2, .	2.6	14
33	How age and infection history shape the antigenâ€specific CD8⁺ Tâ€cell repertoire: Implications for vaccination strategies in older adults. Aging Cell, 2020, 19, e13262.	6.7	12
34	Limited role for the thymus in SIV pathogenesis. European Journal of Immunology, 2005, 35, 42-45.	2.9	10
35	Latent CMV Infection Is Associated With Lower Influenza Virus-Specific Memory T-Cell Frequencies, but Not With an Impaired T-Cell Response to Acute Influenza Virus Infection. Frontiers in Immunology, 2021, 12, 663664.	4.8	10
36	Reconciling Longitudinal Naive T-Cell and TREC Dynamics during HIV-1 Infection. PLoS ONE, 2016, 11, e0152513.	2.5	10

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37	Quantification of T-cell dynamics during latent cytomegalovirus infection in humans. PLoS Pathogens, 2021, 17, e1010152.	4.7	10
38	The maths of memory. ELife, 2017, 6, .	6.0	9
39	Impact of Aging, Cytomegalovirus Infection, and Long-Term Treatment for Human Immunodeficiency Virus on CD8+ T-Cell Subsets. Frontiers in Immunology, 2018, 9, 572.	4.8	9
40	Age-related distribution and dynamics of T-cells in blood and lymphoid tissues of goats. Developmental and Comparative Immunology, 2019, 93, 1-10.	2.3	9
41	Turnover of Murine Cytomegalovirusâ€“Expanded CD8+ T Cells Is Similar to That of Memory Phenotype T Cells and Independent of the Magnitude of the Response. Journal of Immunology, 2022, 208, 799-806.	0.8	4
42	Be fruitful, multiply, and replenish. Blood, 2009, 113, 5369-5370.	1.4	3
43	In vivo deuterium labelling in mice supports a dynamic model for memory T-cell maintenance in the bone marrow. Immunology Letters, 2019, 210, 29-32.	2.5	3
44	Modelling Lymphocyte Dynamics In Vivo. , 2011, , 141-169.		2
45	Longitudinal Characterization of the Mumps-Specific HLA-A2 Restricted T-Cell Response after Mumps Virus Infection. Vaccines, 2021, 9, 1431.	4.4	1