Matthieu Perreau

List of Publications by Year
in descending order

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55	3,251	218677	175258
papers	citations	26 h-index	52 g-index

57	57	57	5424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Follicular helper T cells serve as the major CD4 T cell compartment for HIV-1 infection, replication, and production. Journal of Experimental Medicine, 2013, 210, 143-156.	8.5	581
2	PD-1+ and follicular helper T cells are responsible for persistent HIV-1 transcription in treated aviremic individuals. Nature Medicine, 2016, 22, 754-761.	30.7	388
3	Inadequate T follicular cell help impairs B cell immunity during HIV infection. Nature Medicine, 2013, 19, 494-499.	30.7	342
4	Tâ€cell exhaustion in HIV infection. Immunological Reviews, 2019, 292, 149-163.	6.0	217
5	Activation of a dendritic cellâ€“T cell axis by Ad5 immune complexes creates an improved environment for replication of HIV in T cells. Journal of Experimental Medicine, 2008, 205, 2717-2725.	8.5	153
6	Determinants of HIV-1 reservoir size and long-term dynamics during suppressive ART. Nature Communications, 2019, 10, 3193.	12.8	112
7	Exhaustion of bacteria-specific CD4 T cells and microbial translocation in common variable immunodeficiency disorders. Journal of Experimental Medicine, 2014, 211, 2033-2045.	8.5	108
8	CD177, a specific marker of neutrophil activation, is associated with coronavirus disease 2019 severity and death. IScience, 2021, 24, 102711.	4.1	79
9	Combined Use of Mycobacterium tuberculosisâ€“Specific CD4 and CD8 T-Cell Responses Is a Powerful Diagnostic Tool of Active Tuberculosis. Clinical Infectious Diseases, 2015, 60, 432-437.	5.8	75
10	CD160-Associated CD8 T-Cell Functional Impairment Is Independent of PD-1 Expression. PLoS Pathogens, 2014, 10, e1004380.	4.7	69
11	Cohort Profile Update: The Swiss HIV Cohort Study (SHCS). International Journal of Epidemiology, 2022, 51, 33-34j.	1.9	69
12	The cytokines HGF and CXCL13 predict the severity and the mortality in COVID-19 patients. Nature Communications, 2021, 12, 4888.	12.8	67
13	NBAS mutations cause a multisystem disorder involving bone, connective tissue, liver, immune system, and retina. American Journal of Medical Genetics, Part A, 2015, 167, 2902-2912.	1.2	66
14	Immune-Complexed Adenovirus Induce AIM2-Mediated Pyroptosis in Human Dendritic Cells. PLoS Pathogens, 2016, 12, e1005871.	4.7	63
15	Lack of Mycobacterium tuberculosisâ€“specific interleukinâ€17Aâ€“producing CD4⁺ TÂcells in active disease. European Journal of Immunology, 2013, 43, 939-948.	2.9	60
16	IL-17 receptor AÂand adenosine deaminase 2 deficiency in siblings with recurrent infections and chronic inflammation. Journal of Allergy and Clinical Immunology, 2016, 137, 1189-1196.e2.	2.9	54
17	Blood CXCR3+ CD4 T Cells Are Enriched in Inducible Replication Competent HIV in Aviremic Antiretroviral Therapy-Treated Individuals. Frontiers in Immunology, 2018, 9, 144.	4.8	48
18	HIV Infection Functionally Impairs Mycobacterium tuberculosis-Specific CD4 and CD8 T-Cell Responses. Journal of Virology, 2019, 93, .	3.4	48

#	Article	IF	Citations
19	Immune response to HIV. Current Opinion in HIV and AIDS, 2013, 8, 1.	3.8	43
20	Immunogenicity and safety of double versus standard dose of the seasonal influenza vaccine in solid-organ transplant recipients: A randomized controlled trial. Vaccine, 2018, 36, 6163-6169.	3.8	42
21	Targeted Immune Interventions for an HIV-1 Cure. Trends in Molecular Medicine, 2017, 23, 945-961.	6.7	41
22	CD32 ⁺ and PD-1 ⁺ Lymph Node CD4 T Cells Support Persistent HIV-1 Transcription in Treated Aviremic Individuals. Journal of Virology, 2018, 92, .	3.4	38
23	DNA/NYVAC Vaccine Regimen Induces HIV-Specific CD4 and CD8 T-Cell Responses in Intestinal Mucosa. Journal of Virology, 2011, 85, 9854-9862.	3.4	35
24	Encephalopathies Associated With Severe COVID-19 Present Neurovascular Unit Alterations Without Evidence for Strong Neuroinflammation. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	34
25	In Vitro Reactivation of Replication-Competent and Infectious HIV-1 by Histone Deacetylase Inhibitors. Journal of Virology, 2016, 90, 1858-1871.	3.4	30
26	⁶⁸Ga-DOTATOC PET/CT to detect immune checkpoint inhibitor-related myocarditis. , 2021, 9, e003594.		30
27	Mixed Th1 and Th2 Mycobacterium tuberculosis-specific CD4 T cell responses in patients with active pulmonary tuberculosis from Tanzania. PLoS Neglected Tropical Diseases, 2017, 11, e0005817.	3.0	29
28	Viral Diversity Based on Next-Generation Sequencing of HIV-1 Provides Precise Estimates of Infection Recency and Time Since Infection. Journal of Infectious Diseases, 2019, 220, 254-265.	4.0	27
29	Immunological Assessment of Pediatric Multisystem Inflammatory Syndrome Related to Coronavirus Disease 2019. Journal of the Pediatric Infectious Diseases Society, 2021, 10, 706-713.	1.3	26
30	The Number of Toll-Like Receptor 9-Agonist Motifs in the Adenovirus Genome Correlates with Induction of Dendritic Cell Maturation by Adenovirus Immune Complexes. Journal of Virology, 2012, 86, 6279-6285.	3.4	25
31	Humoral immune response to adenovirus induce tolerogenic bystander dendritic cells that promote generation of regulatory T cells. PLoS Pathogens, 2018, 14, e1007127.	4.7	24
32	Blood and Lymph Node Dissemination of Clonal Genome-Intact Human Immunodeficiency Virus 1 DNA Sequences During Suppressive Antiretroviral Therapy. Journal of Infectious Diseases, 2020, 222, 655-660.	4.0	24
33	Personalized Cytokine-Directed Therapy With Tocilizumab for Refractory Immune Checkpoint Inhibitorâ€“Related Cholangiohepatitis. Journal of Thoracic Oncology, 2021, 16, 318-326.	1.1	24
34	Predictors of Virological Failure and Time to Viral Suppression of First-Line Integrase Inhibitorâ€“Based Antiretroviral Treatment. Clinical Infectious Diseases, 2021, 73, e2134-e2141.	5.8	23
35	IRF5 Is a Key Regulator of Macrophage Response to Lipopolysaccharide in Newborns. Frontiers in Immunology, 2018, 9, 1597.	4.8	20
36	Inferring the age difference in HIV transmission pairs by applying phylogenetic methods on the HIV transmission network of the Swiss HIV Cohort Study. Virus Evolution, 2018, 4, vey024.	4.9	17

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37	Lymph node migratory dendritic cells modulate HIV-1 transcription through PD-1 engagement. PLoS Pathogens, 2019, 15, e1007918.	4.7	16
38	HIV persistence in lymph nodes. Current Opinion in HIV and AIDS, 2021, 16, 209-214.	3.8	14
39	Cancer and HIV-1 Infection: Patterns of Chronic Antigen Exposure. Frontiers in Immunology, 2020, 11, 1350.	4.8	13
40	Phylogenetic Cluster Analysis Identifies Virological and Behavioral Drivers of Human Immunodeficiency Virus Transmission in Men Who Have Sex With Men. Clinical Infectious Diseases, 2021, 72, 2175-2183.	5.8	10
41	Importance of routine viral load monitoring: higher levels of resistance at ART failure in Uganda and Lesotho compared with Switzerland. Journal of Antimicrobial Chemotherapy, 2019, 74, 468-472.	3.0	9
42	Anti-SARS-CoV-2 Titers Predict the Severity of COVID-19. Viruses, 2022, 14, 1089.	3.3	9
43	Hyperglycaemia is inversely correlated with live M. bovis BCGâ€specific CD4⁺ T cell responses in Tanzanian adults with latent or active tuberculosis. Immunity, Inflammation and Disease, 2018, 6, 345-353.	2.7	7
44	Host Genomics of the HIV-1 Reservoir Size and Its Decay Rate During Suppressive Antiretroviral Treatment. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 85, 517-524.	2.1	7
45	A Systematic Phylogenetic Approach to Study the Interaction of HIV-1 With Coinfections, Noncommunicable Diseases, and Opportunistic Diseases. Journal of Infectious Diseases, 2019, 220, 244-253.	4.0	6
46	Heritability of the HIV-1 reservoir size and decay under long-term suppressive ART. Nature Communications, 2020, 11, 5542.	12.8	5
47	Increasing Frequency and Transmission of HIV-1 Non-B Subtypes Among Men Who Have Sex With Men in the Swiss HIV Cohort Study. Journal of Infectious Diseases, 2022, 225, 306-316.	4.0	5
48	Active PD-L1 incorporation within HIV virions functionally impairs T follicular helper cells. PLoS Pathogens, 2022, 18, e1010673.	4.7	4
49	Modulation of human memory Tâ€cell function by different antigenâ€presenting cells. European Journal of Immunology, 2012, 42, 799-802.	2.9	3
50	Systematic screening of viral and human genetic variation identifies antiretroviral resistance and immune escape link. ELife, 2021, 10, .	6.0	3
51	Identifying and Characterizing Trans Women in the Swiss HIV Cohort Study as an Epidemiologically Distinct Risk Group. Clinical Infectious Diseases, 2022, 74, 1468-1475.	5.8	3
52	A systematic molecular epidemiology screen reveals numerous HIV-1 superinfections in the Swiss HIV Cohort Study. Journal of Infectious Diseases, 2022, , .	4.0	3
53	Differences in Social and Mental Well-Being of Long-Term Survivors among People who Inject Drugs and Other Participants in the Swiss HIV Cohort Study: 1980â€“2018. Antiviral Therapy, 2020, 25, 43-54.	1.0	2
54	Effect of national HIV testing recommendations and local interventions on HIV testing practices in a Swiss university hospital: a retrospective analysis between 2012 and 2015. BMJ Open, 2018, 8, e021203.	1.9	0

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55	HIV Transmission Chains Exhibit Greater HLA-B Homogeneity Than Randomly Expected. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 81, 508-515.	2.1	0