

Rafick Pierre Sekaly

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

7,082
citations

117453

34
h-index

85405

71
g-index

78
all docs

78
docs citations

78
times ranked

9705
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV reservoir size and persistence are driven by T cell survival and homeostatic proliferation. <i>Nature Medicine</i> , 2009, 15, 893-900.	15.2	1,519
2	Normalizing the environment recapitulates adult human immune traits in laboratory mice. <i>Nature</i> , 2016, 532, 512-516.	13.7	848
3	Activation of HIV Transcription with Short-Course Vorinostat in HIV-Infected Patients on Suppressive Antiretroviral Therapy. <i>PLoS Pathogens</i> , 2014, 10, e1004473.	2.1	437
4	CD4+ T Cells Expressing PD-1, TIGIT and LAG-3 Contribute to HIV Persistence during ART. <i>PLoS Pathogens</i> , 2016, 12, e1005761.	2.1	350
5	Barriers to a cure for HIV: new ways to target and eradicate HIV-1 reservoirs. <i>Lancet, The</i> , 2013, 381, 2109-2117.	6.3	275
6	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
7	Convergence of TCR and cytokine signaling leads to FOXO3a phosphorylation and drives the survival of CD4+ central memory T cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 79-91.	4.2	199
8	Interleukin-7 promotes HIV persistence during antiretroviral therapy. <i>Blood</i> , 2013, 121, 4321-4329.	0.6	199
9	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. <i>Nature Medicine</i> , 2016, 22, 762-770.	15.2	197
10	Sequential Infection with Common Pathogens Promotes Human-like Immune Gene Expression and Altered Vaccine Response. <i>Cell Host and Microbe</i> , 2016, 19, 713-719.	5.1	189
11	Pre-vaccination inflammation and B-cell signalling predict age-related hyporesponse to hepatitis B vaccination. <i>Nature Communications</i> , 2016, 7, 10369.	5.8	163
12	Baricitinib treatment resolves lower-airway macrophage inflammation and neutrophil recruitment in SARS-CoV-2-infected rhesus macaques. <i>Cell</i> , 2021, 184, 460-475.e21.	13.5	156
13	PD-1 blockade potentiates HIV latency reversal ex vivo in CD4+ T cells from ART-suppressed individuals. <i>Nature Communications</i> , 2019, 10, 814.	5.8	149
14	CTLA-4+PD-1 ^{hi} Memory CD4+ T Cells Critically Contribute to Viral Persistence in Antiretroviral Therapy-Suppressed, SIV-Infected Rhesus Macaques. <i>Immunity</i> , 2017, 47, 776-788.e5.	6.6	139
15	Programmed cell death-1 contributes to the establishment and maintenance of HIV-1 latency. <i>Aids</i> , 2018, 32, 1491-1497.	1.0	136
16	Human memory CD8 T cell effector potential is epigenetically preserved during in vivo homeostasis. <i>Journal of Experimental Medicine</i> , 2017, 214, 1593-1606.	4.2	123
17	Programmed death-1 expression on CD4+ and CD8+ T cells in treated and untreated HIV disease. <i>Aids</i> , 2014, 28, 1749-1758.	1.0	101
18	Differentiation into an Effector Memory Phenotype Potentiates HIV-1 Latency Reversal in CD4 ⁺ T Cells. <i>Journal of Virology</i> , 2019, 93, .	1.5	72

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19	Novel mechanisms to inhibit HIV reservoir seeding using Jak inhibitors. <i>PLoS Pathogens</i> , 2017, 13, e1006740.	2.1	71
20	Understanding the mechanism of action of bacterial superantigens from a decade of research. <i>Immunological Reviews</i> , 1999, 168, 257-269.	2.8	67
21	Membrane bound IL-21 based NK cell feeder cells drive robust expansion and metabolic activation of NK cells. <i>Scientific Reports</i> , 2019, 9, 14916.	1.6	66
22	HIV vaccine candidate activation of hypoxia and the inflammasome in CD14+ monocytes is associated with a decreased risk of SIVmac251 acquisition. <i>Nature Medicine</i> , 2018, 24, 847-856.	15.2	65
23	Beta cell-specific CD8+ T cells maintain stem cell memory-associated epigenetic programs during type 1 diabetes. <i>Nature Immunology</i> , 2020, 21, 578-587.	7.0	63
24	Automated Manufacture of Autologous CD19 CAR-T Cells for Treatment of Non-hodgkin Lymphoma. <i>Frontiers in Immunology</i> , 2020, 11, 1941.	2.2	59
25	NLRP3 inflammasome induces CD4+ T cell loss in chronically HIV-1 infected patients. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	59
26	HDAC inhibition induces HIV-1 protein and enables immune-based clearance following latency reversal. <i>JCI Insight</i> , 2017, 2, .	2.3	59
27	Human newborn bacille Calmette-Guérin vaccination and risk of tuberculosis disease: a case-control study. <i>BMC Medicine</i> , 2016, 14, 76.	2.3	55
28	Fc-mediated effector function contributes to the in vivo antiviral effect of an HIV neutralizing antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18754-18763.	3.3	53
29	Pembrolizumab induces HIV latency reversal in people living with HIV and cancer on antiretroviral therapy. <i>Science Translational Medicine</i> , 2022, 14, eab13836.	5.8	50
30	Effect of Anti-IL-15 Administration on T Cell and NK Cell Homeostasis in Rhesus Macaques. <i>Journal of Immunology</i> , 2016, 197, 1183-1198.	0.4	46
31	Current topics in HIV-1 pathogenesis: The emergence of deregulated immuno-metabolism in HIV-infected subjects. <i>Cytokine and Growth Factor Reviews</i> , 2015, 26, 603-613.	3.2	44
32	Accumulation of human immunodeficiency virus-specific cytotoxic T lymphocytes away from the predominant site of virus replication during primary infection. <i>European Journal of Immunology</i> , 1997, 27, 3166-3173.	1.6	43
33	TCF-1 regulates HIV-specific CD8+ T cell expansion capacity. <i>JCI Insight</i> , 2021, 6, .	2.3	43
34	Maternal BCG scar is associated with increased infant proinflammatory immune responses. <i>Vaccine</i> , 2017, 35, 273-282.	1.7	42
35	Single cell RNA sequencing of AML initiating cells reveals RNA-based evolution during disease progression. <i>Leukemia</i> , 2021, 35, 2799-2812.	3.3	41
36	Follicular CD4 T Helper Cells As a Major HIV Reservoir Compartment: A Molecular Perspective. <i>Frontiers in Immunology</i> , 2018, 9, 895.	2.2	40

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37	Mucosal Regulatory T Cells and T Helper 17 Cells in HIV-Associated Immune Activation. <i>Frontiers in Immunology</i> , 2016, 7, 228.	2.2	38
38	Combination Immune Checkpoint Blockade to Reverse HIV Latency. <i>Journal of Immunology</i> , 2020, 204, 1242-1254.	0.4	38
39	A Cure for HIV Infection: "Not in My Lifetime" or "Just Around the Corner?". <i>Pathogens and Immunity</i> , 2016, 1, 154.	1.4	35
40	Translocated microbiome composition determines immunological outcome in treated HIV infection. <i>Cell</i> , 2021, 184, 3899-3914.e16.	13.5	35
41	Fighting the SARS-CoV-2 pandemic requires a global approach to understanding the heterogeneity of vaccine responses. <i>Nature Immunology</i> , 2022, 23, 360-370.	7.0	34
42	Gastrointestinal Microbiome and Mycobiome Changes during Autologous Transplantation for Multiple Myeloma: Results of a Prospective Pilot Study. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 1511-1519.	2.0	33
43	Randomized Trial of Ruxolitinib in Antiretroviral-Treated Adults With Human Immunodeficiency Virus. <i>Clinical Infectious Diseases</i> , 2022, 74, 95-104.	2.9	31
44	Intrinsic Role of FoxO3a in the Development of CD8+ T Cell Memory. <i>Journal of Immunology</i> , 2013, 190, 1066-1075.	0.4	27
45	Integrated systems approach defines the antiviral pathways conferring protection by the RV144 HIV vaccine. <i>Nature Communications</i> , 2019, 10, 863.	5.8	27
46	A vaccine-induced gene expression signature correlates with protection against SIV and HIV in multiple trials. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	26
47	Passive Transfer of Vaccine-Elicited Antibodies Protects against SIV in Rhesus Macaques. <i>Cell</i> , 2020, 183, 185-196.e14.	13.5	25
48	Loss of immune homeostasis dictates SHIV rebound after stem-cell transplantation. <i>JCI Insight</i> , 2017, 2, e91230.	2.3	24
49	TCA cycle remodeling drives proinflammatory signaling in humans with pulmonary tuberculosis. <i>PLoS Pathogens</i> , 2021, 17, e1009941.	2.1	21
50	The transcription factor CREB1 is a mechanistic driver of immunogenicity and reduced HIV-1 acquisition following ALVAC vaccination. <i>Nature Immunology</i> , 2021, 22, 1294-1305.	7.0	20
51	Interleukin-15 response signature predicts RhCMV/SIV vaccine efficacy. <i>PLoS Pathogens</i> , 2021, 17, e1009278.	2.1	18
52	Myeloid Cell Crosstalk Regulates the Efficacy of the DNA/ALVAC/gp120 HIV Vaccine Candidate. <i>Frontiers in Immunology</i> , 2019, 10, 1072.	2.2	15
53	Engagement of monocytes, NK cells, and CD4+ Th1 cells by ALVAC-SIV vaccination results in a decreased risk of SIVmac251 vaginal acquisition. <i>PLoS Pathogens</i> , 2020, 16, e1008377.	2.1	14
54	CD80 and CD86 IgC domains are important for quaternary structure, receptor binding and co-signaling function. <i>Immunology Letters</i> , 2014, 161, 65-75.	1.1	13

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55	Looking for pathways related to COVID-19: confirmation of pathogenic mechanisms by SARS-CoV-2â€œhost interactome. <i>Cell Death and Disease</i> , 2021, 12, 788.	2.7	13
56	Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	13
57	Immune mechanisms in cancer patients that lead to poor outcomes of SARS-CoV-2 infection. <i>Translational Research</i> , 2022, 241, 83-95.	2.2	12
58	VÎ± domain modulates the multiple topologies of mouse T cell receptor VÎ±20/staphylococcal enterotoxins A and E complexes. <i>European Journal of Immunology</i> , 1997, 27, 92-99.	1.6	11
59	Acquisition of optimal TFH cell function is defined by specific molecular, positional, and TCR dynamic signatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
60	Lymph node CXCR5+ NK cells associate with control of chronic SHIV infection. <i>JCI Insight</i> , 2022, 7, .	2.3	11
61	Systems biology and the quest for correlates of protection to guide the development of an HIV vaccine. <i>Current Opinion in Immunology</i> , 2016, 41, 91-97.	2.4	10
62	The sooner the better: innate immunity as a path toward the HIV cure. <i>Current Opinion in Virology</i> , 2016, 19, 85-91.	2.6	8
63	Intestinal Stem Cell Niche Defects Result in Impaired 3D Organoid Formation in Mouse Models of Crohn's Disease-like Ileitis. <i>Stem Cell Reports</i> , 2020, 15, 389-407.	2.3	8
64	Nonstructured Treatment Interruptions Are Associated With Higher Human Immunodeficiency Virus Reservoir Size Measured by Intact Proviral DNA Assay in People Who Inject Drugs. <i>Journal of Infectious Diseases</i> , 2021, 223, 1905-1913.	1.9	8
65	Implications of a highly divergent dengue virus strain for cross-neutralization, protection, and vaccine immunity. <i>Cell Host and Microbe</i> , 2021, 29, 1634-1648.e5.	5.1	5
66	Cocaine, simultaneous alcohol and cocaine use, and liver fibrosis in people living with and without HIV. <i>Drug and Alcohol Dependence</i> , 2022, 232, 109273.	1.6	5
67	Mission, Organization, and Future Direction of the Serological Sciences Network for COVID-19 (SeroNet) Epidemiologic Cohort Studies. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.4	5
68	Decreased Enteric Bacterial Composition and Diversity in South American Crohn's Disease Vary With the Choice of Treatment Strategy and Time Since Diagnosis. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 791-800.	0.6	4
69	Chronic Alcohol Exposure Among People Living with HIV Is Associated with Innate Immune Activation and Alterations in Monocyte Phenotype and Plasma Cytokine Profile. <i>Frontiers in Immunology</i> , 2022, 13, 867937.	2.2	3
70	HLA polymorphism and tapasin independence influence outcomes of HIV and dengue virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31570-31572.	3.3	2
71	Transcriptional and Immunologic Correlates of Response to Pandemic Influenza Vaccine in Aviremic, HIV-Infected Children. <i>Frontiers in Immunology</i> , 2021, 12, 639358.	2.2	2
72	Translating known drivers of COVID-19 disease severity to design better SARS-CoV-2 vaccines. <i>Current Opinion in Virology</i> , 2022, 52, 89-101.	2.6	2

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73	Targeted Marrow Irradiation Intensification of Reduced Intensity Fludarabine/Busulfan Conditioning for Allogeneic Hematopoietic Stem Cell Transplantation. <i>Transplantation and Cellular Therapy</i> , 2022, , .	0.6	2
74	Pre-vaccination frequency of circulatory Tfh is associated with robust immune response to TV003 dengue vaccine. <i>PLoS Pathogens</i> , 2022, 18, e1009903.	2.1	1