Rafick Pierre Sekaly

List of Publications by Year
in descending order

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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	Randomized Trial of Ruxolitinib in Antiretroviral-Treated Adults With Human Immunodeficiency Virus. Clinical Infectious Diseases, 2022, 74, 95-104.	2.9	31
2	Immune mechanisms in cancer patients that lead to poor outcomes of SARS-CoV-2 infection. Translational Research, 2022, 241, 83-95.	2.2	12
3	Translating known drivers of COVID-19 disease severity to design better SARS-CoV-2 vaccines. Current Opinion in Virology, 2022, 52, 89-101.	2.6	2
4	Pembrolizumab induces HIV latency reversal in people living with HIV and cancer on antiretroviral therapy. Science Translational Medicine, 2022, 14, eabl3836.	5.8	50
5	Pre-vaccination frequency of circulatory Tfh is associated with robust immune response to TV003 dengue vaccine. PLoS Pathogens, 2022, 18, e1009903.	2.1	1
6	Cocaethylene, simultaneous alcohol and cocaine use, and liver fibrosis in people living with and without HIV. Drug and Alcohol Dependence, 2022, 232, 109273.	1.6	5
7	Fighting the SARS-CoV-2 pandemic requires a global approach to understanding the heterogeneity of vaccine responses. Nature Immunology, 2022, 23, 360-370.	7.0	34
8	Chronic Alcohol Exposure Among People Living with HIV Is Associated with Innate Immune Activation and Alterations in Monocyte Phenotype and Plasma Cytokine Profile. Frontiers in Immunology, 2022, 13, 867937.	2.2	3
9	Lymph node CXCR5+ NK cells associate with control of chronic SHIV infection. JCI Insight, 2022, 7, .	2.3	11
10	Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection. Journal of Clinical Investigation, 2022, 132, .	3.9	13
11	Targeted Marrow Irradiation Intensification of Reduced Intensity Fludarabine/Busulfan Conditioning for Allogeneic Hematopoietic Stem Cell Transplantation. Transplantation and Cellular Therapy, 2022, , .	0.6	2
12	Mission, Organization, and Future Direction of the Serological Sciences Network for COVID-19 (SeroNet) Epidemiologic Cohort Studies. Open Forum Infectious Diseases, 2022, 9, .	0.4	5
13	Baricitinib treatment resolves lower-airway macrophage inflammation and neutrophil recruitment in SARS-CoV-2-infected rhesus macaques. Cell, 2021, 184, 460-475.e21.	13.5	156
14	Nonstructured Treatment Interruptions Are Associated With Higher Human Immunodeficiency Virus Reservoir Size Measured by Intact Proviral DNA Assay in People Who Inject Drugs. Journal of Infectious Diseases, 2021, 223, 1905-1913.	1.9	8
15	TCF-1 regulates HIV-specific CD8+ T cell expansion capacity. JCI Insight, 2021, 6, .	2.3	43
16	NLRP3 inflammasome induces CD4+ T cell loss in chronically HIV-1â€“infected patients. Journal of Clinical Investigation, 2021, 131, .	3.9	59
17	Transcriptional and Immunologic Correlates of Response to Pandemic Influenza Vaccine in Aviremic, HIV-Infected Children. Frontiers in Immunology, 2021, 12, 639358.	2.2	2
18	Acquisition of optimal TFH cell function is defined by specific molecular, positional, and TCR dynamic signatures. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	11

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19	Interleukin-15 response signature predicts RhCMV/SIV vaccine efficacy. PLoS Pathogens, 2021, 17, e1009278.	2.1	18
20	Translocated microbiome composition determines immunological outcome in treated HIV infection. Cell, 2021, 184, 3899-3914.e16.	13.5	35
21	Single cell RNA sequencing of AML initiating cells reveals RNA-based evolution during disease progression. Leukemia, 2021, 35, 2799-2812.	3.3	41
22	Looking for pathways related to COVID-19: confirmation of pathogenic mechanisms by SARS-CoV-2â€“host interactome. Cell Death and Disease, 2021, 12, 788.	2.7	13
23	TCA cycle remodeling drives proinflammatory signaling in humans with pulmonary tuberculosis. PLoS Pathogens, 2021, 17, e1009941.	2.1	21
24	The transcription factor CREB1 is a mechanistic driver of immunogenicity and reduced HIV-1 acquisition following ALVAC vaccination. Nature Immunology, 2021, 22, 1294-1305.	7.0	20
25	Implications of a highly divergent dengue virus strain for cross-neutralization, protection, and vaccine immunity. Cell Host and Microbe, 2021, 29, 1634-1648.e5.	5.1	5
26	Decreased Enteric Bacterial Composition and Diversity in South American Crohnâ€™s Disease Vary With the Choice of Treatment Strategy and Time Since Diagnosis. Journal of Crohn's and Colitis, 2020, 14, 791-800.	0.6	4
27	Passive Transfer of Vaccine-Elicited Antibodies Protects against SIV in Rhesus Macaques. Cell, 2020, 183, 185-196.e14.	13.5	25
28	Fc-mediated effector function contributes to the in vivo antiviral effect of an HIV neutralizing antibody. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18754-18763.	3.3	53
29	Intestinal Stem Cell Niche Defects Result in Impaired 3D Organoid Formation in Mouse Models of Crohn's Disease-like Ileitis. Stem Cell Reports, 2020, 15, 389-407.	2.3	8
30	Automated Manufacture of Autologous CD19 CAR-T Cells for Treatment of Non-hodgkin Lymphoma. Frontiers in Immunology, 2020, 11, 1941.	2.2	59
31	HLA polymorphism and tapasin independence influence outcomes of HIV and dengue virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31570-31572.	3.3	2
32	Beta cell-specific CD8+ T cells maintain stem cell memory-associated epigenetic programs during type 1 diabetes. Nature Immunology, 2020, 21, 578-587.	7.0	63
33	Engagement of monocytes, NK cells, and CD4+ Th1 cells by ALVAC-SIV vaccination results in a decreased risk of SIVmac251 vaginal acquisition. PLoS Pathogens, 2020, 16, e1008377.	2.1	14
34	Combination Immune Checkpoint Blockade to Reverse HIV Latency. Journal of Immunology, 2020, 204, 1242-1254.	0.4	38
35	Membrane bound IL-21 based NK cell feeder cells drive robust expansion and metabolic activation of NK cells. Scientific Reports, 2019, 9, 14916.	1.6	66
36	A vaccine-induced gene expression signature correlates with protection against SIV and HIV in multiple trials. Science Translational Medicine, 2019, 11, .	5.8	26

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37	Myeloid Cell Crosstalk Regulates the Efficacy of the DNA/ALVAC/gp120 HIV Vaccine Candidate. Frontiers in Immunology, 2019, 10, 1072.	2.2	15
38	Gastrointestinal Microbiome and Mycobiome Changes during Autologous Transplantation for Multiple Myeloma: Results of a Prospective Pilot Study. Biology of Blood and Marrow Transplantation, 2019, 25, 1511-1519.	2.0	33
39	Integrated systems approach defines the antiviral pathways conferring protection by the RV144 HIV vaccine. Nature Communications, 2019, 10, 863.	5.8	27
40	PD-1 blockade potentiates HIV latency reversal ex vivo in CD4+ T cells from ART-suppressed individuals. Nature Communications, 2019, 10, 814.	5.8	149
41	Differentiation into an Effector Memory Phenotype Potentiates HIV-1 Latency Reversal in CD4⁺T Cells. Journal of Virology, 2019, 93, .	1.5	72
42	HIV vaccine candidate activation of hypoxia and the inflammasome in CD14+ monocytes is associated with a decreased risk of SIVmac251 acquisition. Nature Medicine, 2018, 24, 847-856.	15.2	65
43	Follicular CD4 T Helper Cells As a Major HIV Reservoir Compartment: A Molecular Perspective. Frontiers in Immunology, 2018, 9, 895.	2.2	40
44	Programmed cell death-1 contributes to the establishment and maintenance of HIV-1 latency. Aids, 2018, 32, 1491-1497.	1.0	136
45	Maternal BCG scar is associated with increased infant proinflammatory immune responses. Vaccine, 2017, 35, 273-282.	1.7	42
46	Human memory CD8 T cell effector potential is epigenetically preserved during in vivo homeostasis. Journal of Experimental Medicine, 2017, 214, 1593-1606.	4.2	123
47	CTLA-4+PD-1â^' Memory CD4+ T Cells Critically Contribute to Viral Persistence in Antiretroviral Therapy-Suppressed, SIV-Infected Rhesus Macaques. Immunity, 2017, 47, 776-788.e5.	6.6	139
48	Novel mechanisms to inhibit HIV reservoir seeding using Jak inhibitors. PLoS Pathogens, 2017, 13, e1006740.	2.1	71
49	Loss of immune homeostasis dictates SHIV rebound after stem-cell transplantation. JCI Insight, 2017, 2, e91230.	2.3	24
50	HDAC inhibition induces HIV-1 protein and enables immune-based clearance following latency reversal. JCI Insight, 2017, 2, .	2.3	59
51	A Cure for HIV Infection: â€œNot in My Lifetimeâ€•or â€œJust Around the Cornerâ€?. Pathogens and Immunity, 2016, 1, 154.	1.4	35
52	Mucosal Regulatory T Cells and T Helper 17 Cells in HIV-Associated Immune Activation. Frontiers in Immunology, 2016, 7, 228.	2.2	38
53	Systems biology and the quest for correlates of protection to guide the development of an HIV vaccine. Current Opinion in Immunology, 2016, 41, 91-97.	2.4	10
54	Normalizing the environment recapitulates adult human immune traits in laboratory mice. Nature, 2016, 532, 512-516.	13.7	848

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55	Sequential Infection with Common Pathogens Promotes Human-like Immune Gene Expression and Altered Vaccine Response. Cell Host and Microbe, 2016, 19, 713-719.	5.1	189
56	The sooner the better: innate immunity as a path toward the HIV cure. Current Opinion in Virology, 2016, 19, 85-91.	2.6	8
57	Effect of Antiâ€“IL-15 Administration on T Cell and NK Cell Homeostasis in Rhesus Macaques. Journal of Immunology, 2016, 197, 1183-1198.	0.4	46
58	Human newborn bacille Calmetteâ€“GuÃ©rin vaccination and risk of tuberculosis disease: a case-control study. BMC Medicine, 2016, 14, 76.	2.3	55
59	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. Nature Medicine, 2016, 22, 762-770.	15.2	197
60	Pre-vaccination inflammation and B-cell signalling predict age-related hyporesponse to hepatitis B vaccination. Nature Communications, 2016, 7, 10369.	5.8	163
61	CD4+ T Cells Expressing PD-1, TIGIT and LAG-3 Contribute to HIV Persistence during ART. PLoS Pathogens, 2016, 12, e1005761.	2.1	350
62	A Novel Assay to Measure the Magnitude of the Inducible Viral Reservoir in HIV-infected Individuals. EBioMedicine, 2015, 2, 874-883.	2.7	242
63	Current topics in HIV-1 pathogenesis: The emergence of deregulated immuno-metabolism in HIV-infected subjects. Cytokine and Growth Factor Reviews, 2015, 26, 603-613.	3.2	44
64	Activation of HIV Transcription with Short-Course Vorinostat in HIV-Infected Patients on Suppressive Antiretroviral Therapy. PLoS Pathogens, 2014, 10, e1004473.	2.1	437
65	Programmed death-1 expression on CD4+ and CD8+ T cells in treated and untreated HIV disease. Aids, 2014, 28, 1749-1758.	1.0	101
66	CD80 and CD86 IgC domains are important for quaternary structure, receptor binding and co-signaling function. Immunology Letters, 2014, 161, 65-75.	1.1	13
67	Intrinsic Role of FoxO3a in the Development of CD8+ T Cell Memory. Journal of Immunology, 2013, 190, 1066-1075.	0.4	27
68	Barriers to a cure for HIV: new ways to target and eradicate HIV-1 reservoirs. Lancet, The, 2013, 381, 2109-2117.	6.3	275
69	Interleukin-7 promotes HIV persistence during antiretroviral therapy. Blood, 2013, 121, 4321-4329.	0.6	199
70	HIV reservoir size and persistence are driven by T cell survival and homeostatic proliferation. Nature Medicine, 2009, 15, 893-900.	15.2	1,519
71	Convergence of TCR and cytokine signaling leads to FOXO3a phosphorylation and drives the survival of CD4+ central memory T cells. Journal of Experimental Medicine, 2007, 204, 79-91.	4.2	199
72	Understanding the mechanism of action of bacterial superantigens from a decade of research. Immunological Reviews, 1999, 168, 257-269.	2.8	67

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73	Accumulation of human immunodeficiency virus-specific cytotoxic T lymphocytes away from the predominant site of virus replication during primary infection. European Journal of Immunology, 1997, 27, 3166-3173.	1.6	43
74	VÎ± domain modulates the multiple topologies of mouse T cell receptor VÎ²20/staphylococcal enterotoxins A and E complexes. European Journal of Immunology, 1997, 27, 92-99.	1.6	11