

Vijayakumar Velu

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

3,312
citations

196777

29
h-index

175968

55
g-index

85
all docs

85
docs citations

85
times ranked

5530
citing authors

#	ARTICLE	IF	CITATIONS
1	Lymph node CXCR5+ NK cells associate with control of chronic SHIV infection. JCI Insight, 2022, 7, .	2.3	11
2	Asymptomatic SARS-CoV-2 infection: is it all about being refractile to innate immune sensing of viral spare-parts?â€”Clues from exotic animal reservoirs. Pathogens and Disease, 2021, 79, .	0.8	7
3	Chronic inflammation involves CCL11 and IL-13 to facilitate the development of liver cirrhosis and fibrosis in chronic hepatitis B virus infection. Scandinavian Journal of Clinical and Laboratory Investigation, 2021, 81, 147-159.	0.6	11
4	Elevated Numbers of HIV-Specific Poly-Functional CD8+ T Cells With Stem Cell-Like and Follicular Homing Phenotypes in HIV-Exposed Seronegative Individuals. Frontiers in Immunology, 2021, 12, 638144.	2.2	7
5	Could Nutraceutical Approaches Possibly Attenuate the Cytokine Storm in COVID-19 Patients?. Frontiers in Cellular and Infection Microbiology, 2021, 11, 667733.	1.8	5
6	Tissue-specific transcriptional profiling of plasmacytoid dendritic cells reveals a hyperactivated state in chronic SIV infection. PLoS Pathogens, 2021, 17, e1009674.	2.1	6
7	Circulating integrin $\alpha 4 \beta 7$ CD4 T cells are enriched for proliferative transcriptional programs in HIV infection. FEBS Letters, 2021, 595, 2257-2270.	1.3	1
8	Maternal Antibody Response, Neutralizing Potency, and Placental Antibody Transfer After Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection. Obstetrics and Gynecology, 2021, 138, 189-197.	1.2	51
9	SARS-CoV-2 in Pregnant Women: Consequences of Vertical Transmission. Frontiers in Cellular and Infection Microbiology, 2021, 11, 717104.	1.8	15
10	Deciphering the Role of Mucosal Immune Responses and the Cervicovaginal Microbiome in Resistance to HIV Infection in HIV-Exposed Seronegative (HESN) Women. Microbiology Spectrum, 2021, 9, e0047021.	1.2	7
11	MAIT cells in hepatitis B virus infection â€” Diplomatic front-runners in the fight against HBV disease. Critical Reviews in Immunology, 2021, 41, 1-16.	1.0	1
12	Peripheral Follicular T Helper Cells and Mucosal-Associated Invariant T Cells Represent Activated Phenotypes During the Febrile Phase of Acute Dengue Virus Infection. Viral Immunology, 2020, 33, 610-615.	0.6	1
13	Brief Report: Diminished Coinhibitory Molecule 2B4 Expression Is Associated With Preserved iNKT Cell Phenotype in HIV Long-Term Nonprogressors. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 85, 73-78.	0.9	0
14	Is Herd Immunity Against SARS-CoV-2 a Silver Lining?. Frontiers in Immunology, 2020, 11, 586781.	2.2	25
15	Functional MAIT Cells Are Associated With Reduced Simianâ€”Human Immunodeficiency Virus Infection. Frontiers in Immunology, 2020, 10, 3053.	2.2	13
16	Pulmonary Mycobacterium tuberculosis control associates with CXCR3- and CCR6-expressing antigen-specific Th1 and Th17 cell recruitment. JCI Insight, 2020, 5, .	2.3	47
17	Antiretroviral therapy does not reduce tuberculosis reactivation in a tuberculosis-HIV coinfection model. Journal of Clinical Investigation, 2020, 130, 5171-5179.	3.9	31
18	Clade C HIV-1 Envelope Vaccination Regimens Differ in Their Ability To Elicit Antibodies with Moderate Neutralization Breadth against Genetically Diverse Tier 2 HIV-1 Envelope Variants. Journal of Virology, 2019, 93, .	1.5	24

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19	Human Immunodeficiency Virus C.1086 Envelope gp140 Protein Boosts following DNA/Modified Vaccinia Virus Ankara Vaccination Fail To Enhance Heterologous Anti-VIV2 Antibody Response and Protection against Clade C Simian-Human Immunodeficiency Virus Challenge. <i>Journal of Virology</i> , 2019, 93, .	1.5	12
20	Strong T _H 1-biased CD4 T cell responses are associated with diminished SIV vaccine efficacy. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	14
21	Immune Biomarkers for Diagnosis and Treatment Monitoring of Tuberculosis: Current Developments and Future Prospects. <i>Frontiers in Microbiology</i> , 2019, 10, 2789.	1.5	66
22	Understanding Immune Senescence, Exhaustion, and Immune Activation in HIV+Tuberculosis Coinfection. , 2019, , 1819-1833.		0
23	Editorial: Lymph Node T Cell Dynamics and Novel Strategies for HIV Cure. <i>Frontiers in Immunology</i> , 2018, 9, 2950.	2.2	3
24	Hyper-Expression of PD-1 Is Associated with the Levels of Exhausted and Dysfunctional Phenotypes of Circulating CD161++TCR iV±7.2+ Mucosal-Associated Invariant T Cells in Chronic Hepatitis B Virus Infection. <i>Frontiers in Immunology</i> , 2018, 9, 472.	2.2	78
25	Tfh1 Cells in Germinal Centers During Chronic HIV/SIV Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1272.	2.2	33
26	Combination anti+PD-1 and antiretroviral therapy provides therapeutic benefit against SIV. <i>JCI Insight</i> , 2018, 3, .	2.3	83
27	Understanding Immune Senescence, Exhaustion, and Immune Activation in HIV+Tuberculosis Coinfection. , 2018, , 1-15.		0
28	CD8+ T cells of chronic HCV-infected patients express multiple negative immune checkpoints following stimulation with HCV peptides. <i>Cellular Immunology</i> , 2017, 313, 1-9.	1.4	22
29	Dynamics of SIV-specific CXCR5+ CD8 T cells during chronic SIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1976-1981.	3.3	119
30	Decrease of CD69 levels on TCR V±7.2⁺CD4⁺innate-like lymphocytes is associated with impaired cytotoxic functions in chronic hepatitis B virus-infected patients. <i>Innate Immunity</i> , 2017, 23, 459-467.	1.1	49
31	Peripheral loss of <sc>CD</sc>8⁺<sc>CD</sc>161⁺<sc>TCRV</sc>±7.2⁺ mucosal+associated invariant T cells in chronic hepatitis C virus+infected patients. <i>European Journal of Clinical Investigation</i> . 2016. 46. 170-180.	1.7	75
32	Induction of Th1-Biased T Follicular Helper (Tfh) Cells in Lymphoid Tissues during Chronic Simian Immunodeficiency Virus Infection Defines Functionally Distinct Germinal Center Tfh Cells. <i>Journal of Immunology</i> , 2016, 197, 1832-1842.	0.4	116
33	Functional role of mucosal-associated invariant T cells in HIV infection. <i>Journal of Leukocyte Biology</i> , 2016, 100, 305-314.	1.5	40
34	Attrition of TCR V±7.2+ CD161++ MAIT Cells in HIV-Tuberculosis Co-Infection Is Associated with Elevated Levels of PD-1 Expression. <i>PLoS ONE</i> , 2015, 10, e0124659.	1.1	85
35	Increased frequency of late+senescent <sc>T</sc> cells lacking <sc>CD</sc>127 in chronic hepatitis <sc>C</sc> disease. <i>European Journal of Clinical Investigation</i> , 2015, 45, 466-474.	1.7	17
36	Chronic hepatitis C virus infection triggers spontaneous differential expression of biosignatures associated with T cell exhaustion and apoptosis signaling in peripheral blood mononucleocytes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 466-480.	2.2	41

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37	Concurrent loss of co-stimulatory molecules and functional cytokine secretion attributes leads to proliferative senescence of CD8+ T cells in HIV/TB co-infection. Cellular Immunology, 2015, 297, 19-32.	1.4	13
38	Role of PD-1 co-inhibitory pathway in HIV infection and potential therapeutic options. Retrovirology, 2015, 12, 14.	0.9	119
39	Regulation of CD8+ T-cell cytotoxicity in HIV-1 infection. Cellular Immunology, 2015, 298, 126-133.	1.4	21
40	Challenges in animal modelling of mesenchymal stromal cell therapy for inflammatory bowel disease. World Journal of Gastroenterology, 2015, 21, 4779.	1.4	43
41	Mechanistic insights on immunosenescence and chronic immune activation in HIV-tuberculosis co-infection. World Journal of Virology, 2015, 4, 17.	1.3	10
42	Diminished Viral Control during Simian Immunodeficiency Virus Infection Is Associated with Aberrant PD-1hi CD4 T Cell Enrichment in the Lymphoid Follicles of the Rectal Mucosa. Journal of Immunology, 2014, 193, 4527-4536.	0.4	45
43	High Prevalence of Hepatitis Delta Virus among Patients with Chronic Hepatitis B Virus Infection and HIV-1 in an Intermediate Hepatitis B Virus Endemic Region. Journal of the International Association of Providers of AIDS Care, 2014, 13, 85-90.	0.6	15
44	HIV- <i>Mycobacterium tuberculosis</i> co-infection: a "danger-couple model" of disease pathogenesis. Pathogens and Disease, 2014, 70, 110-118.	0.8	65
45	Anti-viral CD8 T-cells with B-cell Follicle Homing Potential Contribute to Vaccine-mediated Enhanced Control of Pathogenic SIV Infection. AIDS Research and Human Retroviruses, 2014, 30, A75-A76.	0.5	0
46	Hepatitis C virus infection contributes to impregnation of markers of immune inhibition: potential preludes underlying viral latency and persistence. BMC Infectious Diseases, 2014, 14, .	1.3	0
47	Molecular signatures of T-cell inhibition in HIV-1 infection. Retrovirology, 2013, 10, 31.	0.9	97
48	Recent advances targeting innate immunity-mediated therapies against HIV-1 infection. Microbiology and Immunology, 2012, 56, 497-505.	0.7	11
49	PD-1 blockade during chronic SIV infection reduces hyperimmune activation and microbial translocation in rhesus macaques. Journal of Clinical Investigation, 2012, 122, 1712-1716.	3.9	138
50	A live attenuated <i>Listeria monocytogenes</i> vaccine vector expressing SIV Gag is safe and immunogenic in macaques and can be administered repeatedly. Vaccine, 2011, 29, 476-486.	1.7	21
51	Prime-boost vaccination with heterologous live vectors encoding SIV gag and multimeric HIV-1 gp160 protein: Efficacy against repeated mucosal R5 clade C SHIV challenges. Vaccine, 2011, 29, 5611-5622.	1.7	35
52	<i>Mycobacterium tuberculosis</i> components stimulate production of the antimicrobial peptide hepcidin. Tuberculosis, 2011, 91, 314-321.	0.8	48
53	Current Views on the Pathophysiology of GB Virus C Coinfection with HIV-1 Infection. Current Infectious Disease Reports, 2011, 13, 47-52.	1.3	10
54	Loss of IL-17-Producing CD8 T Cells during Late Chronic Stage of Pathogenic Simian Immunodeficiency Virus Infection. Journal of Immunology, 2011, 186, 745-753.	0.4	73

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55	Relative Transmissibility of an R5 Clade C Simian-Human Immunodeficiency Virus Across Different Mucosae in Macaques Parallels the Relative Risks of Sexual HIV-1 Transmission in Humans via Different Routes. <i>Journal of Infectious Diseases</i> , 2010, 201, 1155-1163.	1.9	60
56	Expansion of FOXP3+ CD8 T Cells with Suppressive Potential in Colorectal Mucosa Following a Pathogenic Simian Immunodeficiency Virus Infection Correlates with Diminished Antiviral T Cell Response and Viral Control. <i>Journal of Immunology</i> , 2010, 184, 1690-1701.	0.4	72
57	Preexisting Vaccinia Virus Immunity Decreases SIV-Specific Cellular Immunity but Does Not Diminish Humoral Immunity and Efficacy of a DNA/MVA Vaccine. <i>Journal of Immunology</i> , 2010, 185, 7262-7273.	0.4	34
58	Acute depletion of activated memory B cells involves the PD-1 pathway in rapidly progressing SIV-infected macaques. <i>Journal of Clinical Investigation</i> , 2010, 120, 3878-3890.	3.9	123
59	Neutralization-Sensitive R5-Tropic Simian-Human Immunodeficiency Virus SHIV-2873Nip, Which Carries <i>env</i> Isolated from an Infant with a Recent HIV Clade C Infection. <i>Journal of Virology</i> , 2009, 83, 8297-8297.	1.5	0
60	Neutralization-Sensitive R5-Tropic Simian-Human Immunodeficiency Virus SHIV-2873Nip, Which Carries <i>env</i> Isolated from an Infant with a Recent HIV Clade C Infection. <i>Journal of Virology</i> , 2009, 83, 1422-1432.	1.5	37
61	Cold Agglutinins in HIV-Seropositive Participants and Diagnosis of Respiratory Disease Due to <i>Mycoplasma pneumoniae</i> . <i>Journal of the International Association of Providers of AIDS Care</i> , 2009, 8, 229-234.	1.2	2
62	Enhancing SIV-specific immunity in vivo by PD-1 blockade. <i>Nature</i> , 2009, 458, 206-210.	13.7	699
63	Common protozoans as an uncommon cause of respiratory ailments in HIV-associated immunodeficiency. <i>FEMS Immunology and Medical Microbiology</i> , 2009, 57, 93-103.	2.7	3
64	Can iron depletion inside macrophages serve to prolong HIV disease progression?. <i>Bioscience Hypotheses</i> , 2009, 2, 125-127.	0.2	1
65	OA07-03. Influence of preexisting vaccinia immunity on a DNA/MVA SIV vaccine, decreased cellular immunity but enhanced control of a pathogenic SIV challenge. <i>Retrovirology</i> , 2009, 6, .	0.9	0
66	Transmission of hepatitis C virus infection from asymptomatic mother to child in southern India. <i>International Journal of Infectious Diseases</i> , 2009, 13, e394-e400.	1.5	16
67	PP-116 Profile of occult hepatitis B virus infection in an area with intermediate prevalence of HBV infection. <i>International Journal of Infectious Diseases</i> , 2009, 13, S80.	1.5	0
68	Does CD4+CD25+foxp3+ cell (Treg) and IL-10 profile determine susceptibility to immune reconstitution inflammatory syndrome (IRIS) in HIV disease?. <i>Journal of Inflammation</i> , 2008, 5, 2.	1.5	23
69	Seroprevalence of hepatitis delta virus infection among subjects with underlying hepatic diseases in Chennai, southern India. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 793-796.	0.7	7
70	The prevalence of hepatitis B virus and hepatitis C virus infection among patients with chronic liver disease in South India. <i>International Journal of Infectious Diseases</i> , 2008, 12, 513-518.	1.5	25
71	High isolation rate of <i>Staphylococcus aureus</i> from surgical site infections in an Indian hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 758-760.	1.3	22
72	Relationship between T-lymphocyte cytokine levels and sero-response to hepatitis B vaccines. <i>World Journal of Gastroenterology</i> , 2008, 14, 3534.	1.4	29

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73	Transmission of "a" determinant variants of hepatitis B virus in immunized babies born to HBsAg carrier mothers. Japanese Journal of Infectious Diseases, 2008, 61, 73-6.	0.5	17
74	Low frequency of precore mutants in anti-hepatitis B e antigen positive subjects with chronic hepatitis B virus infection in Chennai, Southern India. Journal of Microbiology and Biotechnology, 2008, 18, 1722-8.	0.9	4
75	Elevated Expression Levels of Inhibitory Receptor Programmed Death 1 on Simian Immunodeficiency Virus-Specific CD8 T Cells during Chronic Infection but Not after Vaccination. Journal of Virology, 2007, 81, 5819-5828.	1.5	119
76	Comparative Efficacy of Two Dosages of Recombinant Hepatitis B Vaccine in Healthy Adolescents in India. Pediatric Infectious Disease Journal, 2007, 26, 1038-1041.	1.1	13
77	Coinfection of hepatitis B and hepatitis C virus in HIV-infected patients in south India. World Journal of Gastroenterology, 2007, 13, 5015.	1.4	77
78	Hydrothorax in association with Scopulariopsis brumptii in an AIDS patient in Chennai, India. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2007, 101, 1270-1272.	0.7	10
79	Comparison of three different recombinant hepatitis B vaccines: GeneVac-B, Engerix B and Shanvac B in high risk infants born to HBsAg positive mothers in India. World Journal of Gastroenterology, 2007, 13, 3084.	1.4	21
80	Persistence of anti-HBs titers after two different doses of Genevac B, a recombinant hepatitis B vaccine, in healthy adolescents. Indian Journal of Gastroenterology, 2007, 26, 48.	0.7	2
81	Epidemiological studies on pulmonary pathogens in HIV-positive and -negative subjects with or without community-acquired pneumonia with special emphasis on Mycoplasma pneumoniae. Japanese Journal of Infectious Diseases, 2007, 60, 337-41.	0.5	7
82	Effects of Anti-Retroviral Therapy (ART) on Restoration of Lung Immunity and Tuberculosis Reactivation. SSRN Electronic Journal, 0, , .	0.4	0
83	Dengue Infection - Recent Advances in Disease Pathogenesis in the Era of COVID-19. Frontiers in Immunology, 0, 13, .	2.2	7