

# Vivek Naranbhai

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

6,417  
citations

126858

33  
h-index

106281

65  
g-index

84  
all docs

84  
docs citations

84  
times ranked

13372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple SARS-CoV-2 variants escape neutralization by vaccine-induced humoral immunity. <i>Cell</i> , 2021, 184, 2372-2383.e9.	13.5	1,166
2	mRNA-based COVID-19 vaccine boosters induce neutralizing immunity against SARS-CoV-2 Omicron variant. <i>Cell</i> , 2022, 185, 457-466.e4.	13.5	881
3	Innate Immune Activity Conditions the Effect of Regulatory Variants upon Monocyte Gene Expression. <i>Science</i> , 2014, 343, 1246949.	6.0	706
4	Genital Inflammation and the Risk of HIV Acquisition in Women. <i>Clinical Infectious Diseases</i> , 2015, 61, 260-269.	2.9	354
5	T-cell activation is an immune correlate of risk in BCG vaccinated infants. <i>Nature Communications</i> , 2016, 7, 11290.	5.8	236
6	T cell reactivity to the SARS-CoV-2 Omicron variant is preserved in most but not all individuals. <i>Cell</i> , 2022, 185, 1041-1051.e6.	13.5	187
7	Innate Immune Activation Enhances HIV Acquisition in Women, Diminishing the Effectiveness of Tenofovir Microbicide Gel. <i>Journal of Infectious Diseases</i> , 2012, 206, 993-1001.	1.9	137
8	Elevated <i>HLA-A</i> expression impairs HIV control through inhibition of NKG2A-expressing cells. <i>Science</i> , 2018, 359, 86-90.	6.0	135
9	Genomic modulators of gene expression in human neutrophils. <i>Nature Communications</i> , 2015, 6, 7545.	5.8	120
10	Comparative Immunogenicity and Effectiveness of mRNA-1273, BNT162b2, and Ad26.COV2.S COVID-19 Vaccines. <i>Journal of Infectious Diseases</i> , 2022, 225, 1141-1150.	1.9	102
11	Ratio of Monocytes to Lymphocytes in Peripheral Blood Identifies Adults at Risk of Incident Tuberculosis Among HIV-Infected Adults Initiating Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2014, 209, 500-509.	1.9	99
12	Clinical and mycological predictors of cryptococcosis-associated immune reconstitution inflammatory syndrome. <i>Aids</i> , 2013, 27, 2089-2099.	1.0	98
13	CCR5AS lncRNA variation differentially regulates CCR5, influencing HIV disease outcome. <i>Nature Immunology</i> , 2019, 20, 824-834.	7.0	87
14	The association between the ratio of monocytes:lymphocytes at age 3 months and risk of tuberculosis (TB) in the first two years of life. <i>BMC Medicine</i> , 2014, 12, 120.	2.3	80
15	Immunogenicity and Reactogenicity of SARS-CoV-2 Vaccines in Patients With Cancer: The CANVAX Cohort Study. <i>Journal of Clinical Oncology</i> , 2022, 40, 12-23.	0.8	75
16	Structure-guided T cell vaccine design for SARS-CoV-2 variants and sarbecoviruses. <i>Cell</i> , 2021, 184, 4401-4413.e10.	13.5	65
17	The eMERGE genotype set of 83,717 subjects imputed to ~40 million variants genome wide and association with the herpes zoster medical record phenotype. <i>Genetic Epidemiology</i> , 2019, 43, 63-81.	0.6	63
18	Distinct Transcriptional and Anti-Mycobacterial Profiles of Peripheral Blood Monocytes Dependent on the Ratio of Monocytes: Lymphocytes. <i>EBioMedicine</i> , 2015, 2, 1619-1626.	2.7	61

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19	Association of Cutaneous Immune-Related Adverse Events With Increased Survival in Patients Treated With Anti-Programmed Cell Death 1 and Anti-Programmed Cell Death Ligand 1 Therapy. <i>JAMA Dermatology</i> , 2022, 158, 189.	2.0	60
20	HLA-A*03 and response to immune checkpoint blockade in cancer: an epidemiological biomarker study. <i>Lancet Oncology</i> , The, 2022, 23, 172-184.	5.1	58
21	Host genetic variation and HIV disease: from mapping to mechanism. <i>Immunogenetics</i> , 2017, 69, 489-498.	1.2	54
22	Interventions to modify sexual risk behaviours for preventing HIV in homeless youth. <i>The Cochrane Library</i> , 2011, , CD007501.	1.5	53
23	Killer cell immunoglobulin-like receptor 3DL1 variation modifies HLA-B*57 protection against HIV-1. <i>Journal of Clinical Investigation</i> , 2018, 128, 1903-1912.	3.9	52
24	HLA tapasin independence: broader peptide repertoire and HIV control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28232-28238.	3.3	51
25	The Ratio of Monocytes to Lymphocytes in Peripheral Blood Correlates with Increased Susceptibility to Clinical Malaria in Kenyan Children. <i>PLoS ONE</i> , 2013, 8, e57320.	1.1	49
26	Changes in Natural Killer Cell Activation and Function during Primary HIV-1 Infection. <i>PLoS ONE</i> , 2013, 8, e53251.	1.1	49
27	HLA-C Level Is Regulated by a Polymorphic Oct1 Binding Site in the HLA-C Promoter Region. <i>American Journal of Human Genetics</i> , 2016, 99, 1353-1358.	2.6	49
28	Cytomegalovirus infection is a risk factor for tuberculosis disease in infants. <i>JCI Insight</i> , 2019, 4, .	2.3	42
29	Impact of blood processing variations on natural killer cell frequency, activation, chemokine receptor expression and function. <i>Journal of Immunological Methods</i> , 2011, 366, 28-35.	0.6	40
30	High Burden of Human Papillomavirus (HPV) Infection among Young Women in KwaZulu-Natal, South Africa. <i>PLoS ONE</i> , 2016, 11, e0146603.	1.1	40
31	Polymorphism in a lincRNA Associates with a Doubled Risk of Pneumococcal Bacteremia in Kenyan Children. <i>American Journal of Human Genetics</i> , 2016, 98, 1092-1100.	2.6	39
32	The influence of haemoglobin and iron on in vitro mycobacterial growth inhibition assays. <i>Scientific Reports</i> , 2017, 7, 43478.	1.6	39
33	Prediction of severe immune-related adverse events requiring hospital admission in patients on immune checkpoint inhibitors: study of a population level insurance claims database from the USA. , 2021, 9, e001935.		38
34	Brief Report. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 67, 573-575.	0.9	36
35	mRNA-Based COVID-19 Vaccine Boosters Induce Neutralizing Immunity Against SARS-CoV-2 Omicron Variant. <i>SSRN Electronic Journal</i> , 0, , .	0.4	34
36	Development of Methods for Cross-Sectional HIV Incidence Estimation in a Large, Community Randomized Trial. <i>PLoS ONE</i> , 2013, 8, e78818.	1.1	33

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37	Genomic mapping of the MHC transactivator CIITA using an integrated ChIP-seq and genetical genomics approach. <i>Genome Biology</i> , 2014, 15, 494.	3.8	32
38	The Role of Host Genetics (and Genomics) in Tuberculosis. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	31
39	Role of HIV-specific CD8+ T cells in pediatric HIV cure strategies after widespread early viral escape. <i>Journal of Experimental Medicine</i> , 2017, 214, 3239-3261.	4.2	31
40	A functional SNP associated with atopic dermatitis controls cell type-specific methylation of the VSTM1 gene locus. <i>Genome Medicine</i> , 2017, 9, 18.	3.6	30
41	Neutralization breadth of SARS-CoV-2 viral variants following primary series and booster SARS-CoV-2 vaccines in patients with cancer. <i>Cancer Cell</i> , 2022, 40, 103-108.e2.	7.7	30
42	Risk of nontyphoidal <i>Salmonella</i> bacteraemia in African children is modified by STAT4. <i>Nature Communications</i> , 2018, 9, 1014.	5.8	29
43	Variation in cell-associated unspliced HIV RNA on antiretroviral therapy is associated with the circadian regulator brain-and-muscle-ARNT-like-1. <i>Aids</i> , 2018, 32, 2119-2128.	1.0	28
44	Predicting the risk of pulmonary tuberculosis based on the neutrophil-to-lymphocyte ratio at TB screening in HIV-infected individuals. <i>BMC Infectious Diseases</i> , 2019, 19, 667.	1.3	23
45	TRIM5 $\alpha$ and TRIM22 Are Differentially Regulated According to HIV-1 Infection Phase and Compartment. <i>Journal of Virology</i> , 2014, 88, 4291-4303.	1.5	21
46	Chemokines additional to IFN- $\beta$ can be used to differentiate among <i>Mycobacterium tuberculosis</i> infection possibilities and provide evidence of an early clearance phenotype. <i>Tuberculosis</i> , 2017, 105, 28-34.	0.8	21
47	Compartmentalization of innate immune responses in the central nervous system during cryptococcal meningitis/HIV coinfection. <i>Aids</i> , 2014, 28, 657-666.	1.0	19
48	Comparative Proteomics of Activated THP-1 Cells Infected with <i>Mycobacterium tuberculosis</i> Identifies Putative Clearance Biomarkers for Tuberculosis Treatment. <i>PLoS ONE</i> , 2015, 10, e0134168.	1.1	18
49	CAPRISA 004 Tenofovir Microbicide Trial: No Impact of Tenofovir Gel on the HIV Transmission Bottleneck. <i>Journal of Infectious Diseases</i> , 2012, 206, 35-40.	1.9	16
50	Natural killer cell function in women at high risk for HIV acquisition. <i>Aids</i> , 2012, 26, 1745-1753.	1.0	14
51	Killer-cell Immunoglobulin-like Receptor (KIR) gene profiles modify HIV disease course, not HIV acquisition in South African women. <i>BMC Infectious Diseases</i> , 2015, 16, 27.	1.3	12
52	Impact of HLA Class I Alleles on Timing of HIV Rebound After Antiretroviral Treatment Interruption. <i>Pathogens and Immunity</i> , 2017, 2, 431.	1.4	12
53	Response to Severe Acute Respiratory Syndrome Coronavirus 2 Initial Series and Additional Dose Vaccine in Patients With Predominant Antibody Deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 1622-1634.e4.	2.0	12
54	No Evidence for Selection of HIV-1 with Enhanced Gag-Protease or Nef Function among Breakthrough Infections in the CAPRISA 004 Tenofovir Microbicide Trial. <i>PLoS ONE</i> , 2013, 8, e71758.	1.1	11

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55	Remote Fingerstick Blood Collection for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibody Testing. Archives of Pathology and Laboratory Medicine, 2021, 145, 415-418.	1.2	10
56	Natural Killer cells demonstrate distinct eQTL and transcriptome-wide disease associations, highlighting their role in autoimmunity. Nature Communications, 2022, 13, .	5.8	10
57	Cutaneous Toxicities Associated with Immune Checkpoint Inhibitors: An Observational, Pharmacovigilance Study. Journal of Investigative Dermatology, 2022, 142, 2896-2908.e4.	0.3	9
58	Heterogeneous immunogenicity of SARS-CoV-2 vaccines in cancer patients receiving radiotherapy. Radiotherapy and Oncology, 2021, 166, 88-91.	0.3	8
59	Repertoires of SARS-CoV-2 epitopes targeted by antibodies vary according to severity of COVID-19. Virulence, 2022, 13, 890-902.	1.8	8
60	Neither Microbial Translocation Nor TLR Responsiveness Are Likely Explanations for Preexisting Immune Activation in Women Who Subsequently Acquired HIV in CAPRISA 004. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 63, 294-298.	0.9	6
61	Cytokine Profiles during Invasive Nontyphoidal Salmonella Disease Predict Outcome in African Children. Vaccine Journal, 2016, 23, 601-609.	3.2	6
62	Sustainability of task-shifting for antiretroviral treatment. Lancet, The, 2012, 380, 1907-1908.	6.3	5
63	Genetic variants associated with non-typhoidal Salmonella bacteraemia in African children. Lancet, The, 2015, 385, S13.	6.3	5
64	Epigenetic Regulation of BST-2 Expression Levels and the Effect on HIV-1 Pathogenesis. Frontiers in Immunology, 2021, 12, 669241.	2.2	4
65	HIV prevention and treatment research in sub-Saharan Africa: where are the adolescents?. Aids, 2006, 20, 1090-1091.	1.0	3
66	Genetic variation that determines TAPBP expression levels associates with the course of malaria in an HLA allotype-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	3
67	The Role of Host Genetics (and Genomics) in Tuberculosis. , 2017, , 411-452.		0
68	814â€¦Cutaneous immune-related adverse events are protective of mortality in patients treated with anti-PD1 and anti-PDL1 therapy in a multi-institutional cohort study. , 2021, 9, A850-A851.		0
69	Antibody Response to SARS CoV-2 Immunization in Patients with Immunodeficiency. Journal of Allergy and Clinical Immunology, 2022, 149, AB97.	1.5	0
70	Abstract P3-23-02: Immunogenicity of SARS-CoV-2 vaccines in patients with breast cancer receiving CDK 4/6 inhibitors. Cancer Research, 2022, 82, P3-23-02-P3-23-02.	0.4	0
71	Abstract LB226: Requirement for booster doses in healthy, cancer and immunosuppressed patients infected with the ancestral or variant SARS-CoV-2. Cancer Research, 2022, 82, LB226-LB226.	0.4	0