

# Satya Dandekar

## List of Publications by Year in descending order

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77  
papers

5,454  
citations

126907

33  
h-index

82547

72  
g-index

81  
all docs

81  
docs citations

81  
times ranked

6909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe CD4 + T-Cell Depletion in Gut Lymphoid Tissue during Primary Human Immunodeficiency Virus Type 1 Infection and Substantial Delay in Restoration following Highly Active Antiretroviral Therapy. <i>Journal of Virology</i> , 2003, 77, 11708-11717.	3.4	783
2	Simian immunodeficiency virus-induced mucosal interleukin-17 deficiency promotes <i>Salmonella</i> dissemination from the gut. <i>Nature Medicine</i> , 2008, 14, 421-428.	30.7	509
3	Lipocalin-2 Resistance Confers an Advantage to <i>Salmonella enterica</i> Serotype Typhimurium for Growth and Survival in the Inflamed Intestine. <i>Cell Host and Microbe</i> , 2009, 5, 476-486.	11.0	444
4	Viral Suppression and Immune Restoration in the Gastrointestinal Mucosa of Human Immunodeficiency Virus Type 1-Infected Patients Initiating Therapy during Primary or Chronic Infection. <i>Journal of Virology</i> , 2006, 80, 8236-8247.	3.4	236
5	Gastrointestinal T Lymphocytes Retain High Potential for Cytokine Responses but Have Severe CD4 <sup>+</sup> T-Cell Depletion at All Stages of Simian Immunodeficiency Virus Infection Compared to Peripheral Lymphocytes. <i>Journal of Virology</i> , 1998, 72, 6646-6656.	3.4	187
6	Rapid Onset of Intestinal Epithelial Barrier Dysfunction in Primary Human Immunodeficiency Virus Infection Is Driven by an Imbalance between Immune Response and Mucosal Repair and Regeneration. <i>Journal of Virology</i> , 2008, 82, 538-545.	3.4	183
7	Synergistic Reactivation of Latent HIV Expression by Ingenol-3-Angelate, PEP005, Targeted NF- $\kappa$ B Signaling in Combination with JQ1 Induced p-TEFb Activation. <i>PLoS Pathogens</i> , 2015, 11, e1005066.	4.7	175
8	Macrophages in Vaginal but Not Intestinal Mucosa Are Monocyte-Like and Permissive to Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2009, 83, 3258-3267.	3.4	165
9	Inflammation Anergy in Human Intestinal Macrophages Is Due to Smad-induced $\text{IL-1}\beta$ Expression and NF- $\kappa$ B Inactivation. <i>Journal of Biological Chemistry</i> , 2010, 285, 19593-19604.	3.4	159
10	Gut mucosal T cell responses and gene expression correlate with protection against disease in long-term HIV-1-infected nonprogressors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9860-9865.	7.1	142
11	Early Antiretroviral Therapy for Simian Immunodeficiency Virus Infection Leads to Mucosal CD4 <sup>+</sup> T-Cell Restoration and Enhanced Gene Expression Regulating Mucosal Repair and Regeneration. <i>Journal of Virology</i> , 2005, 79, 2709-2719.	3.4	124
12	In Vivo CD8 <sup>+</sup> T-Cell Suppression of SIV Viremia Is Not Mediated by CTL Clearance of Productively Infected Cells. <i>PLoS Pathogens</i> , 2010, 6, e1000748.	4.7	120
13	Th17 cells, HIV and the gut mucosal barrier. <i>Current Opinion in HIV and AIDS</i> , 2010, 5, 173-178.	3.8	111
14	HIV latency is reversed by ACSS2-driven histone crotonylation. <i>Journal of Clinical Investigation</i> , 2018, 128, 1190-1198.	8.2	109
15	Sex differences matter in the gut: effect on mucosal immune activation and inflammation. <i>Biology of Sex Differences</i> , 2013, 4, 10.	4.1	106
16	Pathogenesis of HIV in the gastrointestinal tract. <i>Current HIV/AIDS Reports</i> , 2007, 4, 10-15.	3.1	103
17	Functional analysis of the relationship between intestinal microbiota and the expression of hepatic genes and pathways during the course of liver regeneration. <i>Journal of Hepatology</i> , 2016, 64, 641-650.	3.7	102
18	Intestinal Intraepithelial Lymphocytes Are Primed for Gamma Interferon and MIP-1 $\beta$ Expression and Display Antiviral Cytotoxic Activity despite Severe CD4 <sup>+</sup> T-Cell Depletion in Primary Simian Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 1998, 72, 6421-6429.	3.4	98

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19	Reactivation of HIV latency by a newly modified Ingenol derivative via protein kinase C $\beta$ signaling. <i>Aids</i> , 2014, 28, 1555-1566.	2.2	83
20	Evidence of an increased pathogenic footprint in the lingual microbiome of untreated HIV infected patients. <i>BMC Microbiology</i> , 2012, 12, 153.	3.3	80
21	Th17 cells and regulatory T cells in elite control over HIV and SIV. <i>Current Opinion in HIV and AIDS</i> , 2011, 6, 221-227.	3.8	76
22	Early Mucosal Sensing of SIV Infection by Paneth Cells Induces IL-1 $\beta$ Production and Initiates Gut Epithelial Disruption. <i>PLoS Pathogens</i> , 2014, 10, e1004311.	4.7	71
23	The Gut Mucosal Viral Reservoir in HIV-Infected Patients Is Not the Major Source of Rebound Plasma Viremia following Interruption of Highly Active Antiretroviral Therapy. <i>Journal of Virology</i> , 2011, 85, 4772-4782.	3.4	70
24	Development of malabsorption and nutritional complications in simian immunodeficiency virus-infected rhesus macaques. <i>Aids</i> , 1994, 8, 1245-1256.	2.2	67
25	High-throughput gene expression profiling indicates dysregulation of intestinal cell cycle mediators and growth factors during primary simian immunodeficiency virus infection. <i>Virology</i> , 2003, 312, 84-94.	2.4	67
26	Loss of Multicellular Behavior in Epidemic African Nontyphoidal <i>Salmonella enterica</i> Serovar Typhimurium ST313 Strain D23580. <i>MBio</i> , 2016, 7, e02265.	4.1	67
27	Analysis of Gut Microbiome and Diet Modification in Patients with Crohn's Disease. <i>SOJ Microbiology &amp; Infectious Diseases</i> , 2014, 2, 1-13.	0.7	65
28	Antiviral Therapy during Primary Simian Immunodeficiency Virus Infection Fails To Prevent Acute Loss of CD4 <sup>+</sup> T Cells in Gut Mucosa but Enhances Their Rapid Restoration through Central Memory T Cells. <i>Journal of Virology</i> , 2008, 82, 4016-4027.	3.4	60
29	Hepatitis C virus core protein induces expression of genes regulating immune evasion and anti-apoptosis in hepatocytes. <i>Virology</i> , 2006, 354, 58-68.	2.4	59
30	Dysregulation of Anti-Inflammatory Annexin A1 Expression in Progressive Crohns Disease. <i>PLoS ONE</i> , 2013, 8, e76969.	2.5	59
31	PPAR $\beta$ -targeted mitochondrial bioenergetics mediate repair of intestinal barriers at the host-microbe intersection during SIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24819-24829.	7.1	42
32	Distribution of SIV infection in the gastrointestinal tract of rhesus macaques at early and terminal stages of AIDS. <i>Journal of Medical Primatology</i> , 1993, 22, 187-193.	0.6	42
33	Cytomegalovirus Enhances Macrophage TLR Expression and MyD88-Mediated Signal Transduction To Potentiate Inducible Inflammatory Responses. <i>Journal of Immunology</i> , 2014, 193, 5604-5612.	0.8	38
34	HIV-1 Alters Intestinal Expression of Drug Transporters and Metabolic Enzymes: Implications for Antiretroviral Drug Disposition. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2771-2781.	3.2	38
35	SARS-CoV-2 detection and genomic sequencing from hospital surface samples collected at UC Davis. <i>PLoS ONE</i> , 2021, 16, e0253578.	2.5	37
36	Activated Memory CD4 <sup>+</sup> T Helper Cells Repopulate the Intestine Early following Antiretroviral Therapy of Simian Immunodeficiency Virus-Infected Rhesus Macaques but Exhibit a Decreased Potential To Produce Interleukin-2. <i>Journal of Virology</i> , 1999, 73, 6661-6669.	3.4	35

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37	Subclinical Cytomegalovirus Infection Is Associated with Altered Host Immunity, Gut Microbiota, and Vaccine Responses. <i>Journal of Virology</i> , 2018, 92, .	3.4	33
38	Persistence of Gut Mucosal Innate Immune Defenses by Enteric Î±-Defensin Expression in the Simian Immunodeficiency Virus Model of AIDS. <i>Journal of Immunology</i> , 2011, 186, 1589-1597.	0.8	31
39	Role of the gastrointestinal tract in establishing infection in primates and humans. <i>Current Opinion in HIV and AIDS</i> , 2008, 3, 22-27.	3.8	30
40	Oncolytic Reactivation of KSHV as a Therapeutic Approach for Primary Effusion Lymphoma. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2627-2638.	4.1	30
41	Hepatitis C virus core protein expression leads to biphasic regulation of the p21 cdk inhibitor and modulation of hepatocyte cell cycle. <i>Virology</i> , 2003, 312, 245-253.	2.4	28
42	Intestinal Epithelial Barrier Disruption through Altered Mucosal MicroRNA Expression in Human Immunodeficiency Virus and Simian Immunodeficiency Virus Infections. <i>Journal of Virology</i> , 2014, 88, 6268-6280.	3.4	28
43	Short-Term Western Diet Intake Promotes IL-23-Mediated Skin and Joint Inflammation Accompanied by Changes to the Gut Microbiota in Mice. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1780-1791.	0.7	27
44	Simian Immunodeficiency Virus Nef Protein Delays the Progression of CD4 + T Cells through G 1 /S Phase of the Cell Cycle. <i>Journal of Virology</i> , 2002, 76, 3587-3595.	3.4	25
45	An early expansion of CD8Î±Î² T cells, but depletion of resident CD8Î±Î² T cells, occurs in the intestinal epithelium during primary simian immunodeficiency virus infection. <i>Aids</i> , 2000, 14, 637-646.	2.2	24
46	Rapid SIV Env-specific mucosal and serum antibody induction augments cellular immunity in protecting immunized, elite-controller macaques against high dose heterologous SIV challenge. <i>Virology</i> , 2011, 411, 87-102.	2.4	22
47	HIV Exploits Antiviral Host Innate GCN2-ATF4 Signaling for Establishing Viral Replication Early in Infection. <i>MBio</i> , 2017, 8, .	4.1	19
48	Chronic HIV Infection Enhances the Responsiveness of Antigen Presenting Cells to Commensal <i>Lactobacillus</i> . <i>PLoS ONE</i> , 2013, 8, e72789.	2.5	18
49	Transcription Profiling Reveals Potential Mechanisms of Dysbiosis in the Oral Microbiome of Rhesus Macaques with Chronic Untreated SIV Infection. <i>PLoS ONE</i> , 2013, 8, e80863.	2.5	16
50	Gene expression of <i>Lactobacillus plantarum</i> and the commensal microbiota in the ileum of healthy and early SIV-infected rhesus macaques. <i>Scientific Reports</i> , 2016, 6, 24723.	3.3	16
51	Pharmaceutical Approaches to HIV Treatment and Prevention. <i>Advanced Therapeutics</i> , 2018, 1, 1800054.	3.2	14
52	Efficacy of silk fibroin biomaterial vehicle for <i>in vivo</i> mucosal delivery of Griffithsin and protection against HIV and SHIV infection <i>ex vivo</i> . <i>Journal of the International AIDS Society</i> , 2020, 23, e25628.	3.0	14
53	Alterations in RANTES Gene Expression and T-Cell Prevalence in Intestinal Mucosa during Pathogenic or Nonpathogenic Simian Immunodeficiency Virus Infection. <i>Virology</i> , 1999, 259, 110-118.	2.4	13
54	Expression levels of 10 candidate genes in lung tissue of vaccinated and TB-infected cynomolgus macaques. <i>Journal of Medical Primatology</i> , 2013, 42, 161-164.	0.6	12

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55	SIV infection-driven changes of pattern recognition receptor expression in mesenteric lymph nodes and gut microbiota dysbiosis. <i>Journal of Medical Primatology</i> , 2015, 44, 241-252.	0.6	10
56	A Summary of the First HIV Microbiome Workshop 2015. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 935-941.	1.1	10
57	Fenofibrate promotes PPAR $\alpha$ -targeted recovery of the intestinal epithelial barrier at the host-microbe interface in dogs with diabetes mellitus. <i>Scientific Reports</i> , 2021, 11, 13454.	3.3	10
58	Gut germinal center regeneration and enhanced antiviral immunity by mesenchymal stem/stromal cells in SIV infection. <i>JCI Insight</i> , 2021, 6, .	5.0	10
59	Differences in viral distribution and cell adhesion molecule expression in the intestinal tract of rhesus macaques infected with pathogenic and nonpathogenic SIV. <i>Journal of Medical Primatology</i> , 1995, 24, 132-140.	0.6	9
60	Heightened Cytotoxic Responses and Impaired Biogenesis Contribute to Early Pathogenesis in the Oral Mucosa of Simian Immunodeficiency Virus-Infected Rhesus Macaques. <i>Vaccine Journal</i> , 2009, 16, 277-281.	3.1	9
61	Micropatterned co-cultures of T-lymphocytes and epithelial cells as a model of mucosal immune system. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 575-580.	2.1	9
62	Enhanced Innate Antiviral Gene Expression, IFN- $\lambda$ , and Cytolytic Responses Are Predictive of Mucosal Immune Recovery during Simian Immunodeficiency Virus Infection. <i>Journal of Immunology</i> , 2014, 192, 3308-3318.	0.8	9
63	Expression of simian immunodeficiency virus Nef protein in CD4+ T cells leads to a molecular profile of viral persistence and immune evasion. <i>Virology</i> , 2006, 353, 374-387.	2.4	8
64	Divergent Annexin A1 expression in periphery and gut is associated with systemic immune activation and impaired gut immune response during SIV infection. <i>Scientific Reports</i> , 2016, 6, 31157.	3.3	8
65	Early hematologic changes in rhesus macaques ( <i>Macaca mulatta</i> ) infected with pathogenic and nonpathogenic isolates of SIVmac. <i>Journal of Medical Primatology</i> , 1993, 22, 177-186.	0.6	7
66	Correlation of immune activation with HIV-1 RNA levels assayed by real-time RT-PCR in HIV-1 subtype C infected patients in Northern India. <i>Journal of Clinical Virology</i> , 2007, 40, 301-306.	3.1	6
67	Preliminary molecular characterization of a human immunodeficiency virus (HIV-I) associated with neuropathology. <i>Annals of Neurology</i> , 1988, 23, S62-S65.	5.3	5
68	Inactivation of SARS-CoV-2 in clinical exhaled breath condensate samples for metabolomic analysis. <i>Journal of Breath Research</i> , 2022, 16, 017102.	3.0	5
69	Transcriptional profiling of peripheral CD8+T cell responses to SIV $\Delta$ nef and SIVmac251 challenge reveals a link between protective immunity and induction of systemic immunoregulatory mechanisms. <i>Virology</i> , 2014, 468-470, 581-591.	2.4	4
70	Gene expression and TB pathogenesis in rhesus macaques: TR4 , CD40 , CD40L , FAS ( CD95 ), and TNF are host genetic markers in peripheral blood mononuclear cells that are associated with severity of TB lesions. <i>Infection, Genetics and Evolution</i> , 2015, 36, 396-409.	2.3	4
71	A Summary of the Fourth Annual Virology Education HIV Microbiome Workshop. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 349-356.	1.1	4
72	Human Immunodeficiency Virus-1 Latency Reversal via the Induction of Early Growth Response Protein 1 to Bypass Protein Kinase C Agonist-Associated Immune Activation. <i>Frontiers in Microbiology</i> , 2022, 13, 836831.	3.5	4

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73	A Summary of the Fifth Annual Virology Education HIV Microbiome Workshop. AIDS Research and Human Retroviruses, 2020, 36, 886-895.	1.1	2
74	Apoptosis of gastric lymphocytes in Helicobacter pylori-infected rhesus macaques. Digestive Diseases and Sciences, 2003, 48, 1073-1080.	2.3	1
75	HIV and the Mucosa: No Safe Haven. , 2008, , 459-481.		0
76	A Summary of the Sixth International Workshop on Microbiome in HIV Pathogenesis, Prevention, and Treatment. AIDS Research and Human Retroviruses, 2022, 38, 173-180.	1.1	0
77	Altered Expression of ACE2 and Co-receptors of SARS-CoV-2 in the Gut Mucosa of the SIV Model of HIV/AIDS. Frontiers in Microbiology, 2022, 13, 879152.	3.5	0