Lalit K Beura

List of Publications by Year
in descending order

44 papers	6,683 citations	159358 30 h-index	243296 44 g-index
44 all docs	44 docs citations	44 times ranked	9522 citing authors

#	Article	IF	Citations
1	Normalizing the environment recapitulates adult human immune traits in laboratory mice. Nature, 2016, 532, 512-516.	13.7	848
2	Intravascular staining for discrimination of vascular and tissue leukocytes. Nature Protocols, 2014, 9, 209-222.	5.5	612
3	Quantifying Memory CD8ÂT Cells Reveals Regionalization of Immunosurveillance. Cell, 2015, 161, 737-749.	13.5	584
4	Resident memory CD8 T cells trigger protective innate and adaptive immune responses. Science, 2014, 346, 98-101.	6.0	557
5	Antigen-Independent Differentiation and Maintenance of Effector-like Resident Memory T Cells in Tissues. Journal of Immunology, 2012, 188, 4866-4875.	0.4	537
6	US Immigration Westernizes the Human Gut Microbiome. Cell, 2018, 175, 962-972.e10.	13.5	511
7	Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 1Î² Modulates Host Innate Immune Response by Antagonizing IRF3 Activation. Journal of Virology, 2010, 84, 1574-1584.	1.5	227
8	Intravital mucosal imaging of CD8+ resident memory T cells shows tissue-autonomous recall responses that amplify secondary memory. Nature Immunology, 2018, 19, 173-182.	7.0	220
9	The purinergic receptor P2RX7 directs metabolic fitness of long-lived memory CD8+ T cells. Nature, 2018, 559, 264-268.	13.7	209
10	T Cells in Nonlymphoid Tissues Give Rise to Lymph-Node-Resident Memory T Cells. Immunity, 2018, 48, 327-338.e5.	6.6	191
11	Developmental plasticity allows outside-in immune responses by resident memory T cells. Nature Immunology, 2020, 21, 412-421.	7.0	191
12	Stromal cells control the epithelial residence of DCs and memory T cells by regulated activation of TGF-Î². Nature Immunology, 2016, 17, 414-421.	7.0	190
13	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
14	CD4+ resident memory T cells dominate immunosurveillance and orchestrate local recall responses. Journal of Experimental Medicine, 2019, 216, 1214-1229.	4.2	149
15	Stable engraftment of human microbiota into mice with a single oral gavage following antibiotic conditioning. Microbiome, 2017, 5, 87.	4.9	138
16	IL-15â€“Independent Maintenance of Tissue-Resident and Boosted Effector Memory CD8 T Cells. Journal of Immunology, 2016, 196, 3920-3926.	0.4	136
17	Tissue resident memory T cells and viral immunity. Current Opinion in Virology, 2017, 22, 44-50.	2.6	122
18	The Functional Requirement for CD69 in Establishment of Resident Memory CD8+ T Cells Varies with Tissue Location. Journal of Immunology, 2019, 203, 946-955.	0.4	118

#	Article	IF	Citations
19	Identification and characterization of HIV-specific resident memory CD8 ⁺ T cells in human lymphoid tissue. Science Immunology, 2018, 3, .	5.6	116
20	Retrograde migration supplies resident memory T cells to lung-draining LN after influenza infection. Journal of Experimental Medicine, 2020, 217, .	4.2	81
21	Expansible residence decentralizes immune homeostasis. Nature, 2021, 592, 457-462.	13.7	74
22	Porcine reproductive and respiratory syndrome virus non-structural protein 1 suppresses tumor necrosis factor-alpha promoter activation by inhibiting NF-Î²B and Sp1. Virology, 2010, 406, 270-279.	1.1	72
23	Keratinocyte-Mediated Activation of the Cytokine TGF-Î² Maintains Skin Recirculating Memory CD8+ T Cells. Immunity, 2019, 50, 1249-1261.e5.	6.6	69
24	New Insights into the Immune System Using Dirty Mice. Journal of Immunology, 2020, 205, 3-11.	0.4	59
25	Cellular Poly(C) Binding Proteins 1 and 2 Interact with Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 1Î² and Support Viral Replication. Journal of Virology, 2011, 85, 12939-12949.	1.5	54
26	Induction of Stress Granule-Like Structures in Vesicular Stomatitis Virus-Infected Cells. Journal of Virology, 2013, 87, 372-383.	1.5	53
27	Lymphocytic choriomeningitis virus persistence promotes effector-like memory differentiation and enhances mucosal T cell distribution. Journal of Leukocyte Biology, 2015, 97, 217-225.	1.5	48
28	Irreversible electroporation augments checkpoint immunotherapy in prostate cancer and promotes tumor antigen-specific tissue-resident memory CD8+ T cells. Nature Communications, 2021, 12, 3862.	5.8	42
29	Antagonistic Effects of Cellular Poly(C) Binding Proteins on Vesicular Stomatitis Virus Gene Expression. Journal of Virology, 2011, 85, 9459-9471.	1.5	34
30	SnapShot: Resident Memory T Cells. Cell, 2014, 157, 1488-1488.e1.	13.5	33
31	Implications of Resident Memory T Cells for Transplantation. American Journal of Transplantation, 2017, 17, 1167-1175.	2.6	30
32	Identification of amino acid residues important for anti-IFN activity of porcine reproductive and respiratory syndrome virus non-structural protein 1. Virology, 2012, 433, 431-439.	1.1	28
33	Amino acid residues in the non-structural protein 1 of porcine reproductive and respiratory syndrome virus involved in down-regulation of TNF-Î± expression in vitro and attenuation in vivo. Virology, 2012, 432, 241-249.	1.1	25
34	Shortened Intervals during Heterologous Boosting Preserve Memory CD8 T Cell Function but Compromise Longevity. Journal of Immunology, 2016, 196, 3054-3063.	0.4	24
35	Adoptive T Cell Therapy with IL-12â€“Preconditioned Low-Avidity T Cells Prevents Exhaustion and Results in Enhanced T Cell Activation, Enhanced Tumor Clearance, and Decreased Risk for Autoimmunity. Journal of Immunology, 2020, 205, 1449-1460.	0.4	20
36	Interstitial Migration of CD8Î±Î² T Cells in the Small Intestine Is Dynamic and Is Dictated by Environmental Cues. Cell Reports, 2019, 26, 2859-2867.e4.	2.9	19

#	Article	IF	Citations
37	The immune response to <scp>COVID</scp>â€19: Does sex matter?. Immunology, 2022, 166, 429-443.	2.0	18
38	Induction of Interferon and Interferon Signaling Pathways by Replication of Defective Interfering Particle RNA in Cells Constitutively Expressing Vesicular Stomatitis Virus Replication Proteins. Journal of Virology, 2010, 84, 4826-4831.	1.5	17
39	Is a Human CD8 T-Cell Vaccine Possible, and if So, What Would It Take?. Cold Spring Harbor Perspectives in Biology, 2018, 10, a028910.	2.3	13
40	Adhesion- and Degranulation-Promoting Adapter Protein Promotes CD8 T Cell Differentiation and Resident Memory Formation and Function during an Acute Infection. Journal of Immunology, 2016, 197, 2079-2089.	0.4	11
41	Cellular interactions in resident memory T cell establishment and function. Current Opinion in Immunology, 2022, 74, 68-75.	2.4	7
42	Infected Cells Call Their Killers to the Scene of the Crime. Immunity, 2015, 42, 399-401.	6.6	4
43	Cutting Edge: Evidence for Nonvascular Route of Visceral Organ Immunosurveillance by T Cells. Journal of Immunology, 2018, 201, 337-342.	0.4	2
44	62: Sensing and Alarm Function of Mucosal Memory CD8 T Cells Trigger Innate and Adaptive Immune Responses. American Journal of Clinical Pathology, 2015, 143, A034-A034.	0.4	1