

Laura K Mackay

List of Publications by Citations

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55
papers

5,425
citations

27
h-index

65
g-index

65
ext. papers

7,112
ext. citations

16.5
avg, IF

5.9
L-index

#	Paper	IF	Citations
55	The developmental pathway for CD103(+)CD8+ tissue-resident memory T cells of skin. <i>Nature Immunology</i> , 2013 , 14, 1294-301	19.1	736
54	Tissue-resident memory T cells: local specialists in immune defence. <i>Nature Reviews Immunology</i> , 2016 , 16, 79-89	36.5	536
53	Hobit and Blimp1 instruct a universal transcriptional program of tissue residency in lymphocytes. <i>Science</i> , 2016 , 352, 459-63	33.3	495
52	Single-cell profiling of breast cancer T cells reveals a tissue-resident memory subset associated with improved prognosis. <i>Nature Medicine</i> , 2018 , 24, 986-993	50.5	420
51	Long-lived epithelial immunity by tissue-resident memory T (TRM) cells in the absence of persisting local antigen presentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 7037-42	11.5	408
50	Different patterns of peripheral migration by memory CD4+ and CD8+ T cells. <i>Nature</i> , 2011 , 477, 216-9	50.4	395
49	T-box Transcription Factors Combine with the Cytokines TGF- β and IL-15 to Control Tissue-Resident Memory T Cell Fate. <i>Immunity</i> , 2015 , 43, 1101-11	32.3	302
48	Cutting edge: CD69 interference with sphingosine-1-phosphate receptor function regulates peripheral T cell retention. <i>Journal of Immunology</i> , 2015 , 194, 2059-63	5.3	283
47	Persistence of skin-resident memory T cells within an epidermal niche. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5307-12	11.5	196
46	Local proliferation maintains a stable pool of tissue-resident memory T cells after antiviral recall responses. <i>Nature Immunology</i> , 2018 , 19, 183-191	19.1	187
45	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. <i>Nature Immunology</i> , 2016 , 17, 1300-1311	19.1	183
44	Tissue-resident memory CD8 T cells promote melanoma-immune equilibrium in skin. <i>Nature</i> , 2019 , 565, 366-371	50.4	149
43	Transcriptional Regulation of Tissue-Resident Lymphocytes. <i>Trends in Immunology</i> , 2017 , 38, 94-103	14.4	115
42	Nuclear location of an endogenously expressed antigen, EBNA1, restricts access to macroautophagy and the range of CD4 epitope display. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 2165-70	11.5	95
41	Local immunity by tissue-resident CD8(+) memory T cells. <i>Frontiers in Immunology</i> , 2012 , 3, 340	8.4	77
40	Cutting Edge: Tissue-Resident Memory T Cells Generated by Multiple Immunizations or Localized Deposition Provide Enhanced Immunity. <i>Journal of Immunology</i> , 2017 , 198, 2233-2237	5.3	76
39	Chemokine Receptor-Dependent Control of Skin Tissue-Resident Memory T Cell Formation. <i>Journal of Immunology</i> , 2017 , 199, 2451-2459	5.3	73

38	Tissue-resident memory T cells in breast cancer control and immunotherapy responses. <i>Nature Reviews Clinical Oncology</i> , 2020 , 17, 341-348	19.4	70
37	Tissue-Resident Memory T Cells in Cancer Immunosurveillance. <i>Trends in Immunology</i> , 2019 , 40, 735-747	14.4	64
36	Infection Programs Sustained Lymphoid Stromal Cell Responses and Shapes Lymph Node Remodeling upon Secondary Challenge. <i>Cell Reports</i> , 2017 , 18, 406-418	10.6	57
35	Maintenance of T cell function in the face of chronic antigen stimulation and repeated reactivation for a latent virus infection. <i>Journal of Immunology</i> , 2012 , 188, 2173-8	5.3	50
34	Distinct resident and recirculating memory T cell subsets in non-lymphoid tissues. <i>Current Opinion in Immunology</i> , 2013 , 25, 329-33	7.8	48
33	CD8 T Cell Activation Leads to Constitutive Formation of Liver Tissue-Resident Memory T Cells that Seed a Large and Flexible Niche in the Liver. <i>Cell Reports</i> , 2018 , 25, 68-79.e4	10.6	45
32	Organ-specific isoform selection of fatty acid-binding proteins in tissue-resident lymphocytes. <i>Science Immunology</i> , 2020 , 5,	28	42
31	A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. <i>Science Immunology</i> , 2019 , 4,	28	31
30	TCF-1 limits the formation of Tc17 cells via repression of the MAF-ROR γ axis. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1682-1699	16.6	27
29	T cell detection of a B-cell tropic virus infection: newly-synthesised versus mature viral proteins as antigen sources for CD4 and CD8 epitope display. <i>PLoS Pathogens</i> , 2009 , 5, e1000699	7.6	27
28	Comparative analysis reveals a role for TGF- β in shaping the residency-related transcriptional signature in tissue-resident memory CD8+ T cells. <i>PLoS ONE</i> , 2019 , 14, e0210495	3.7	26
27	Local heroes or villains: tissue-resident memory T cells in human health and disease. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 113-122	15.4	25
26	Adrenergic regulation of the vasculature impairs leukocyte interstitial migration and suppresses immune responses. <i>Immunity</i> , 2021 , 54, 1219-1230.e7	32.3	19
25	Metabolic characteristics of CD8 T cell subsets in young and aged individuals are not predictive of functionality. <i>Nature Communications</i> , 2020 , 11, 2857	17.4	18
24	Peripheral and systemic antigens elicit an expandable pool of resident memory CD8 T cells in the bone marrow. <i>European Journal of Immunology</i> , 2019 , 49, 853-872	6.1	16
23	Distinct recirculation potential of CD69CD103 and CD103 thymic memory CD8 T cells. <i>Immunology and Cell Biology</i> , 2016 , 94, 975-980	5	15
22	Discrete tissue microenvironments instruct diversity in resident memory T cell function and plasticity. <i>Nature Immunology</i> , 2021 , 22, 1140-1151	19.1	14
21	High-dimensional analyses reveal a distinct role of T-cell subsets in the immune microenvironment of gastric cancer. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1127	6.8	11

20	Sphingosine 1-phosphate receptor 5 (S1PR5) regulates the peripheral retention of tissue-resident lymphocytes. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	11
19	Analysis of Skin-Resident Memory T Cells Following Drug Hypersensitivity Reactions. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 1442-1445.e4	4.3	9
18	Modulation of Monocyte-Driven Myositis in Alphavirus Infection Reveals a Role for CXCR1 Macrophages in Tissue Repair. <i>MBio</i> , 2020 , 11,	7.8	8
17	Tissue-resident memory T cells: local guards of the thymus. <i>European Journal of Immunology</i> , 2013 , 43, 2259-62	6.1	8
16	Nociceptive sensory neurons promote CD8 T cell responses to HSV-1 infection. <i>Nature Communications</i> , 2021 , 12, 2936	17.4	7
15	Systemic Inflammation Suppresses Lymphoid Tissue Remodeling and B Cell Immunity during Concomitant Local Infection. <i>Cell Reports</i> , 2020 , 33, 108567	10.6	5
14	Bhlhe40 Keeps Resident T Cells Too Fit to Quit. <i>Immunity</i> , 2019 , 51, 418-420	32.3	4
13	CD4 helpers put tissue-resident memory cells in their place. <i>Immunity</i> , 2014 , 41, 514-5	32.3	3
12	PD-1: always on my mind. <i>Immunology and Cell Biology</i> , 2017 , 95, 857-858	5	3
11	Mapping Organism-wide Immune Responses. <i>Trends in Immunology</i> , 2018 , 39, 1-2	14.4	3
10	Skin-resident T cells keep parasites on a Leish. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1340-1	16.6	2
9	Lung-resident memory B cells established after pulmonary influenza infection display distinct transcriptional and phenotypic profiles.. <i>Science Immunology</i> , 2022 , 7, eabf5314	28	2
8	Tissue-resident memory T cells orchestrate tumour-immune equilibrium. <i>Cell Stress</i> , 2019 , 3, 162-164	5.5	2
7	Decoding Tissue-Residency: Programming and Potential of Frontline Memory T Cells. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021 , 13,	10.2	2
6	A diverse fibroblastic stromal cell landscape in the spleen directs tissue homeostasis and immunity.. <i>Science Immunology</i> , 2022 , 7, eabj0641	28	1
5	Lymphocytes in lockdown. <i>Nature Reviews Immunology</i> , 2021 , 21, 617	36.5	1
4	SARS-CoV-2 infection results in immune responses in the respiratory tract and peripheral blood that suggest mechanisms of disease severity.. <i>Nature Communications</i> , 2022 , 13, 2774	17.4	0
3	Corneal tissue-resident memory T cells form a unique immune compartment at the ocular surface. <i>Cell Reports</i> , 2022 , 39, 110852	10.6	0

2 The highs and lows of CD4 tissue-resident T cells in lung fibrosis. *Nature Immunology*, **2019**, 20, 1416-1418. ¹

1 Making new memories. *Nature Reviews Immunology*, **2018**, 18, 667

36.5