

Laura K Mackay

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

8,233
citations

147566

31
h-index

123241

61
g-index

65
all docs

65
docs citations

65
times ranked

9628
citing authors

#	ARTICLE	IF	CITATIONS
1	Sphingosine 1-phosphate receptor 5 (S1PR5) regulates the peripheral retention of tissue-resident lymphocytes. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	56
2	Role of the adaptive immune system in diabetic kidney disease. <i>Journal of Diabetes Investigation</i> , 2022, 13, 213-226.	1.1	21
3	A diverse fibroblastic stromal cell landscape in the spleen directs tissue homeostasis and immunity. <i>Science Immunology</i> , 2022, 7, eabj0641.	5.6	27
4	Lung-resident memory B cells established after pulmonary influenza infection display distinct transcriptional and phenotypic profiles. <i>Science Immunology</i> , 2022, 7, eabf5314.	5.6	38
5	Unlocking autofluorescence in the era of full spectrum analysis: Implications for immunophenotype discovery projects. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 922-941.	1.1	13
6	ICOS-play: dressing T cells for residency. <i>Trends in Immunology</i> , 2022, 43, 280-282.	2.9	0
7	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.	5.8	21
8	Corneal tissue-resident memory T cells form a unique immune compartment at the ocular surface. <i>Cell Reports</i> , 2022, 39, 110852.	2.9	19
9	Decoding Tissue-Residency: Programming and Potential of Frontline Memory T Cells. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021, 13, a037960.	2.3	8
10	Nociceptive sensory neurons promote CD8 T cell responses to HSV-1 infection. <i>Nature Communications</i> , 2021, 12, 2936.	5.8	26
11	Adrenergic regulation of the vasculature impairs leukocyte interstitial migration and suppresses immune responses. <i>Immunity</i> , 2021, 54, 1219-1230.e7.	6.6	60
12	Discrete tissue microenvironments instruct diversity in resident memory T cell function and plasticity. <i>Nature Immunology</i> , 2021, 22, 1140-1151.	7.0	96
13	Lymphocytes in lockdown. <i>Nature Reviews Immunology</i> , 2021, 21, 617-617.	10.6	1
14	Analysis of Skin-Resident Memory T Cells Following Drug Hypersensitivity Reactions. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1442-1445.e4.	0.3	19
15	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.	1.7	21
16	Metabolic characteristics of CD8+ T cell subsets in young and aged individuals are not predictive of functionality. <i>Nature Communications</i> , 2020, 11, 2857.	5.8	33
17	Organ-specific isoform selection of fatty acid-binding proteins in tissue-resident lymphocytes. <i>Science Immunology</i> , 2020, 5, .	5.6	85
18	Tissue-resident memory T cells in breast cancer control and immunotherapy responses. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 341-348.	12.5	159

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19	Local heroes or villains: tissue-resident memory T cells in human health and disease. <i>Cellular and Molecular Immunology</i> , 2020, 17, 113-122.	4.8	65
20	Modulation of Monocyte-Driven Myositis in Alphavirus Infection Reveals a Role for CX ₃ CR1 ⁺ Macrophages in Tissue Repair. <i>MBio</i> , 2020, 11, .	1.8	16
21	Systemic Inflammation Suppresses Lymphoid Tissue Remodeling and B Cell Immunity during Concomitant Local Infection. <i>Cell Reports</i> , 2020, 33, 108567.	2.9	10
22	Bhlhe40 Keeps Resident T Cells Too Fit to Quit. <i>Immunity</i> , 2019, 51, 418-420.	6.6	7
23	The highs and lows of CD4 ⁺ tissue-resident T cells in lung fibrosis. <i>Nature Immunology</i> , 2019, 20, 1416-1418.	7.0	1
24	Tissue-Resident Memory T Cells in Cancer Immunosurveillance. <i>Trends in Immunology</i> , 2019, 40, 735-747.	2.9	123
25	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.	4.2	48
26	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.	1.6	24
27	Comparative analysis reveals a role for TGF- β 2 in shaping the residency-related transcriptional signature in tissue-resident memory CD8 ⁺ T cells. <i>PLoS ONE</i> , 2019, 14, e0210495.	1.1	49
28	A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. <i>Science Immunology</i> , 2019, 4, .	5.6	75
29	Tissue-resident memory CD8 ⁺ T cells promote melanoma-immune equilibrium in skin. <i>Nature</i> , 2019, 565, 366-371.	13.7	266
30	Tissue-resident memory T cells orchestrate tumour-immune equilibrium. <i>Cell Stress</i> , 2019, 3, 162-164.	1.4	8
31	Local proliferation maintains a stable pool of tissue-resident memory T cells after antiviral recall responses. <i>Nature Immunology</i> , 2018, 19, 183-191.	7.0	266
32	Mapping Organism-wide Immune Responses. <i>Trends in Immunology</i> , 2018, 39, 1-2.	2.9	4
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.	2.9	79
34	Making new memories. <i>Nature Reviews Immunology</i> , 2018, 18, 667-667.	10.6	0
35	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.	15.2	689
36	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.	0.4	94

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37	Infection Programs Sustained Lymphoid Stromal Cell Responses and Shapes Lymph Node Remodeling upon Secondary Challenge. <i>Cell Reports</i> , 2017, 18, 406-418.	2.9	95
38	Transcriptional Regulation of Tissue-Resident Lymphocytes. <i>Trends in Immunology</i> , 2017, 38, 94-103.	2.9	164
39	Chemokine Receptor-Dependent Control of Skin Tissue-Resident Memory T Cell Formation. <i>Journal of Immunology</i> , 2017, 199, 2451-2459.	0.4	114
40	PD-1: always on my mind. <i>Immunology and Cell Biology</i> , 2017, 95, 857-858.	1.0	3
41	Hobit and Blimp1 instruct a universal transcriptional program of tissue residency in lymphocytes. <i>Science</i> , 2016, 352, 459-463.	6.0	721
42	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. <i>Nature Immunology</i> , 2016, 17, 1300-1311.	7.0	288
43	Distinct recirculation potential of CD69 ⁺ CD103 ⁺ and CD103 ⁺ thymic memory CD8 ⁺ T cells. <i>Immunology and Cell Biology</i> , 2016, 94, 975-980.	1.0	17
44	Tissue-resident memory T cells: local specialists in immune defence. <i>Nature Reviews Immunology</i> , 2016, 16, 79-89.	10.6	778
45	T-box Transcription Factors Combine with the Cytokines TGF- β 2 and IL-15 to Control Tissue-Resident Memory T Cell Fate. <i>Immunity</i> , 2015, 43, 1101-1111.	6.6	457
46	Editorial: Mannose-6-phosphate receptor delivers the death sentence. <i>Journal of Leukocyte Biology</i> , 2015, 98, 299-300.	1.5	3
47	Cutting Edge: CD69 Interference with Sphingosine-1-Phosphate Receptor Function Regulates Peripheral T Cell Retention. <i>Journal of Immunology</i> , 2015, 194, 2059-2063.	0.4	398
48	Skin-resident T cells keep parasites on a Leish. <i>Journal of Experimental Medicine</i> , 2015, 212, 1340-1341.	4.2	2
49	CD4 Helpers Put Tissue-Resident Memory Cells in Their Place. <i>Immunity</i> , 2014, 41, 514-515.	6.6	4
50	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, 5307-5312.	3.3	261
51	Distinct resident and recirculating memory T cell subsets in non-lymphoid tissues. <i>Current Opinion in Immunology</i> , 2013, 25, 329-333.	2.4	56
52	The developmental pathway for CD103 ⁺ CD8 ⁺ tissue-resident memory T cells of skin. <i>Nature Immunology</i> , 2013, 14, 1294-1301.	7.0	1,087
53	Skin-resident memory T cells keep herpes simplex virus at bay. <i>Immunology and Cell Biology</i> , 2013, 91, 441-442.	1.0	2
54	Tissue-resident memory T cells: Local guards of the thymus. <i>European Journal of Immunology</i> , 2013, 43, 2259-2262.	1.6	10

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55	Long-lived epithelial immunity by tissue-resident memory T (T _{RM}) 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, 7037-7042.	3.3	522
56	Local immunity by tissue-resident CD8+ memory T cells. <i>Frontiers in Immunology</i> , 2012, 3, 340.	2.2	96
57	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, 2173-2178.	0.4	60
58	Different patterns of peripheral migration by memory CD4+ and CD8+ T cells. <i>Nature</i> , 2011, 477, 216-219.	13.7	460
59	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, 2165-2170.	3.3	101
60	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.	2.1	28