Richard M Locksley

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79 papers	10,624 citations	44 h-index	99 g-index
99 ext. papers	13,079 ext. citations	23.7 avg, IF	6.53 L-index

#	Paper	IF	Citations
79	Systemically dispersed innate IL-13-expressing cells in type 2 immunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 11489-94	11.5	848
78	Innate Lymphoid Cells: 10 Years On. *Cell*, **2018**, 174, 1054-1066	56.2	846
77	Type 2 innate lymphoid cells control eosinophil homeostasis. *Nature*, **2013**, 502, 245-8	50.4	652
76	Tuft-cell-derived IL-25 regulates an intestinal ILC2-epithelial response circuit. *Nature*, **2016**, 529, 221-5	50.4	616
75	Chitin induces accumulation in tissue of innate immune cells associated with allergy. *Nature*, **2007**, 447, 92-6	50.4	613
74	Innate lymphoid type 2 cells sustain visceral adipose tissue eosinophils and alternatively activated macrophages. *Journal of Experimental Medicine*, **2013**, 210, 535-49	16.6	608
73	Eosinophils and type 2 cytokine signaling in macrophages orchestrate development of functional beige fat. *Cell*, **2014**, 157, 1292-1308	56.2	587
72	Activated type 2 innate lymphoid cells regulate beige fat biogenesis. *Cell*, **2015**, 160, 74-87	56.2	465
71	Tumour necrosis factor alpha restores granulomas and induces parasite egg-laying in schistosome-infected SCID mice. *Nature*, **1992**, 356, 604-7	50.4	378
70	Interleukin-33 in Tissue Homeostasis, Injury, and Inflammation. *Immunity*, **2015**, 42, 1005-19	32.3	364
69	Divergent expression patterns of IL-4 and IL-13 define unique functions in allergic immunity. *Nature Immunology*, **2011**, 13, 58-66	19.1	309
68	Interleukin-33 and Interferon-□ Counter-Regulate Group 2 Innate Lymphoid Cell Activation during Immune Perturbation. *Immunity*, **2015**, 43, 161-74	32.3	293
67	Asthma and allergic inflammation. *Cell*, **2010**, 140, 777-83	56.2	292
66	Detection of Succinate by Intestinal Tuft Cells Triggers a Type 2 Innate Immune Circuit. *Immunity*, **2018**, 49, 33-41.e7	32.3	199
65	Genetic analysis of basophil function in vivo. *Nature Immunology*, **2011**, 12, 527-35	19.1	199
64	Independent and epigenetic regulation of the interleukin-4 alleles in CD4+ T cells. *Science*, **1998**, 281, 1352-4	33.3	193
63	A Metabolite-Triggered Tuft Cell-ILC2 Circuit Drives Small Intestinal Remodeling. *Cell*, **2018**, 174, 271-284.e14	56.2	189

62	Tissue signals imprint ILC2 identity with anticipatory function. *Nature Immunology*, **2018**, 19, 1093-1099	19.1	187
61	Chitin activates parallel immune modules that direct distinct inflammatory responses via innate lymphoid type 2 and □T cells. *Immunity*, **2014**, 40, 414-24	32.3	183
60	Pulmonary neuroendocrine cells amplify allergic asthma responses. *Science*, **2018**, 360,	33.3	175
59	Deletion of a coordinate regulator of type 2 cytokine expression in mice. *Nature Immunology*, **2001**, 2, 842-7	19.1	163
58	A tissue checkpoint regulates type 2 immunity. *Nature Immunology*, **2016**, 17, 1381-1387	19.1	136
57	Recruited Monocytes and Type 2 Immunity Promote Lung Regeneration following Pneumonectomy. *Cell Stem Cell*, **2017**, 21, 120-134.e7	18	120
56	Parasitic helminths induce fetal-like reversion in the intestinal stem cell niche. *Nature*, **2018**, 559, 109-113	50.4	116
55	Identification and distribution of developing innate lymphoid cells in the fetal mouse intestine. *Nature Immunology*, **2015**, 16, 153-60	19.1	115
54	Tissue-Resident Group 2 Innate Lymphoid Cells Differentiate by Layered Ontogeny and In Situ Perinatal Priming. *Immunity*, **2019**, 50, 1425-1438.e5	32.3	112
53	Thymic tuft cells promote an IL-4-enriched medulla and shape thymocyte development. *Nature*, **2018**, 559, 627-631	50.4	111
52	Leukotrienes provide an NFAT-dependent signal that synergizes with IL-33 to activate ILC2s. *Journal of Experimental Medicine*, **2017**, 214, 27-37	16.6	94
51	Nine lives: plasticity among T helper cell subsets. *Journal of Experimental Medicine*, **2009**, 206, 1643-6	16.6	81
50	Regulation of immune responses by tuft cells. *Nature Reviews Immunology*, **2019**, 19, 584-593	36.5	75
49	Perinatal Licensing of Thermogenesis by IL-33 and ST2. *Cell*, **2016**, 166, 841-854	56.2	75
48	Interleukin 1: the patterns of translation and intracellular distribution support alternative secretory mechanisms. *Journal of Cellular Physiology*, **1992**, 152, 223-31	7	74
47	Type 2 innate lymphoid cells constitutively express arginase-I in the naive and inflamed lung. *Journal of Leukocyte Biology*, **2013**, 94, 877-84	6.5	71
46	Interleukin-5-producing group 2 innate lymphoid cells control eosinophilia induced by interleukin-2 therapy. *Blood*, **2014**, 124, 3572-6	2.2	67
45	Why Innate Lymphoid Cells?. *Immunity*, **2018**, 48, 1081-1090	32.3	65

44	Marking and quantifying IL-17A-producing cells in vivo. *PLoS ONE*, **2012**, 7, e39750	3.7	61
43	Tuft Cells-Systemically Dispersed Sensory Epithelia Integrating Immune and Neural Circuitry. *Annual Review of Immunology*, **2019**, 37, 47-72	34.7	59
42	Spontaneous Chitin Accumulation in Airways and Age-Related Fibrotic Lung Disease. *Cell*, **2017**, 169, 497-509.e13	56.2	58
41	MicroRNA regulation of type 2 innate lymphoid cell homeostasis and function in allergic inflammation. *Journal of Experimental Medicine*, **2017**, 214, 3627-3643	16.6	57
40	Eosinophils are recruited in response to chitin exposure and enhance Th2-mediated immune pathology in Aspergillus fumigatus infection. *Infection and Immunity*, **2014**, 82, 3199-205	3.7	55
39	Functional screening of an asthma QTL in YAC transgenic mice. *Nature Genetics*, **1999**, 23, 241-4	36.3	53
38	IgE-activated basophils regulate eosinophil tissue entry by modulating endothelial function. *Journal of Experimental Medicine*, **2015**, 212, 513-24	16.6	50
37	A novel model for IFN-□mediated autoinflammatory syndromes. *Journal of Immunology*, **2015**, 194, 2358-68	5.3	47
36	Differential enzymatic activity of common haplotypic versions of the human acidic Mammalian chitinase protein. *Journal of Biological Chemistry*, **2009**, 284, 19650-8	5.4	44
35	Leukotriene B4 amplifies eosinophil accumulation in response to nematodes. *Journal of Experimental Medicine*, **2014**, 211, 1281-8	16.6	42
34	I-L-C-2 it: type 2 immunity and group 2 innate lymphoid cells in homeostasis. *Current Opinion in Immunology*, **2014**, 31, 58-65	7.8	39
33	Tissue-specific pathways extrude activated ILC2s to disseminate type 2 immunity. *Journal of Experimental Medicine*, **2020**, 217,	16.6	38
32	Eosinophil-specific deletion of IB□n mice reveals a critical role of NF-B-induced Bcl-xL for inhibition of apoptosis. *Blood*, **2015**, 125, 3896-904	2.2	37
31	In Situ Maturation and Tissue Adaptation of Type 2 Innate Lymphoid Cell Progenitors. *Immunity*, **2020**, 53, 775-792.e9	32.3	37
30	The Development of Steady-State Activation Hubs between Adult LTi ILC3s and Primed Macrophages in Small Intestine. *Journal of Immunology*, **2017**, 199, 1912-1922	5.3	34
29	Skin-resident innate lymphoid cells converge on a pathogenic effector state. *Nature*, **2021**, 592, 128-132	50.4	29
28	Cytokines in the differentiation of Th1/Th2 CD4+ subsets in leishmaniasis. *Journal of Cellular Biochemistry*, **1993**, 53, 323-8	4.7	28
27	Chitins and chitinase activity in airway diseases. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 364-369	11.5	27

26	Leishmania major infection of inbred mice: unmasking genetic determinants of infectious diseases. *BioEssays*, **1999**, 21, 510-8	4.1	26
25	Alveolar macrophages rely on GM-CSF from alveolar epithelial type 2 cells before and after birth. *Journal of Experimental Medicine*, **2021**, 218,	16.6	16
24	Allergic inflammation--innately homeostatic. *Cold Spring Harbor Perspectives in Biology*, **2014**, 7, a016352	10.2	15
23	Functional plasticity of the LACK-reactive Vβ4-Vα8 CD4+ T cells normally producing the early IL-4 instructing Th2 cell development and susceptibility to Leishmania major in BALB / c mice. *European Journal of Immunology*, **2001**, 31, 1288-1296	6.1	15
22	Determinants of Divergent Adaptive Immune Responses after Airway Sensitization with Ligands of Toll-Like Receptor 5 or Toll-Like Receptor 9. *PLoS ONE*, **2016**, 11, e0167693	3.7	11
21	The Roaring Twenties. *Immunity*, **2008**, 28, 437-9	32.3	9
20	Skin inflammation driven by differentiation of quiescent tissue-resident ILCs into a spectrum of pathogenic effectors		9
19	Dual epithelial and immune cell function of Dvl1 regulates gut microbiota composition and intestinal homeostasis. *JCI Insight*, **2016**, 1,	9.9	8
18	A stromal progenitor and ILC2 niche promotes muscle eosinophilia and fibrosis-associated gene expression. *Cell Reports*, **2021**, 35, 108997	10.6	8
17	Differences in the chitinolytic activity of mammalian chitinases on soluble and insoluble substrates. *Protein Science*, **2020**, 29, 966-977	6.3	5
16	The development of effector T cell subsets in murine Leishmania major infection. *Novartis Foundation Symposium*, **1995**, 195, 110-7; discussion 117-22		5
15	Interrogating the Small Intestine Tuft Cell-ILC2 Circuit Using In Vivo Manipulations. *Current Protocols*, **2021**, 1, e77		4
14	CISH constrains the tuft-ILC2 circuit to set epithelial and immune tone. *Mucosal Immunology*, **2021**, 14, 1295-1305	9.2	4
13	Asthma and the flu: a tricky two-step. *Immunology and Cell Biology*, **2014**, 92, 389-91	5	3
12	Interferon gamma constrains type 2 lymphocyte niche boundaries during mixed inflammation.. *Immunity*, **2022**, 55, 254-271.e7	32.3	3
11	Tissue immunity broadcasts near and far. *Nature Reviews Immunology*, **2020**, 20, 93-94	36.5	3
10	Alveolar macrophages strictly rely on GM-CSF from alveolar epithelial type 2 cells before and after birth		3
9	Lymph node-resident dendritic cells drive T2 cell development involving MARCH1. *Science Immunology*, **2021**, 6, eabh0707	28	2

8	A role for IL-33-activated ILC2s in eosinophilic vasculitis. *JCI Insight*, **2021**, 6,	9.9	2
7	Making Asthma Crystal Clear. *New England Journal of Medicine*, **2019**, 381, 882-884	59.2	1
6	RagginTon T-bet. *Cell Metabolism*, **2013**, 17, 473-4	24.6	1
5	Bile acid-sensitive tuft cells regulate biliary neutrophil influx.. *Science Immunology*, **2022**, 7, eabj1080	28	1
4	ILC2s - development, divergence, dispersal.. *Current Opinion in Immunology*, **2022**, 75, 102168	7.8	0
3	Turning the light on. *Nature Reviews Immunology*, **2017**, 17, 593	36.5	
2	A failure to launch: fuelling cytokine secretion in iNKT cells. *Immunity*, **2006**, 25, 393-5	32.3	
1	ILC2s chew the fat. *Journal of Experimental Medicine*, **2019**, 216, 1972-1973	16.6	