

Richard M Locksley

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

14,730
citations

43973

48
h-index

71532

76
g-index

99
all docs

99
docs citations

99
times ranked

15887
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , 2018, 174, 1054-1066.	13.5	1,467
2	Systemically dispersed innate IL-13 ^{hi} expressing cells in type 2 immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11489-11494.	3.3	990
3	Tuft-cell-derived IL-25 regulates an intestinal ILC2 ^{hi} epithelial response circuit. <i>Nature</i> , 2016, 529, 221-225.	13.7	921
4	Type 2 innate lymphoid cells control eosinophil homeostasis. <i>Nature</i> , 2013, 502, 245-248.	13.7	861
5	Innate lymphoid type 2 cells sustain visceral adipose tissue eosinophils and alternatively activated macrophages. <i>Journal of Experimental Medicine</i> , 2013, 210, 535-549.	4.2	741
6	Eosinophils and Type 2 Cytokine Signaling in Macrophages Orchestrate Development of Functional Beige Fat. <i>Cell</i> , 2014, 157, 1292-1308.	13.5	715
7	Chitin induces accumulation in tissue of innate immune cells associated with allergy. <i>Nature</i> , 2007, 447, 92-96.	13.7	692
8	Activated Type 2 Innate Lymphoid Cells Regulate Beige Fat Biogenesis. <i>Cell</i> , 2015, 160, 74-87.	13.5	565
9	Interleukin-33 in Tissue Homeostasis, Injury, and Inflammation. <i>Immunity</i> , 2015, 42, 1005-1019.	6.6	492
10	Tumour necrosis factor β restores granulomas and induces parasite egg-laying in schistosome-infected SCID mice. <i>Nature</i> , 1992, 356, 604-607.	13.7	442
11	Detection of Succinate by Intestinal Tuft Cells Triggers a Type 2 Innate Immune Circuit. <i>Immunity</i> , 2018, 49, 33-41.e7.	6.6	380
12	Interleukin-33 and Interferon- γ Counter-Regulate Group 2 Innate Lymphoid Cell Activation during Immune Perturbation. <i>Immunity</i> , 2015, 43, 161-174.	6.6	368
13	Divergent expression patterns of IL-4 and IL-13 define unique functions in allergic immunity. <i>Nature Immunology</i> , 2012, 13, 58-66.	7.0	367
14	Asthma and Allergic Inflammation. <i>Cell</i> , 2010, 140, 777-783.	13.5	351
15	Tissue signals imprint ILC2 identity with anticipatory function. <i>Nature Immunology</i> , 2018, 19, 1093-1099.	7.0	329
16	A Metabolite-Triggered Tuft Cell-ILC2 Circuit Drives Small Intestinal Remodeling. <i>Cell</i> , 2018, 174, 271-284.e14.	13.5	320
17	Pulmonary neuroendocrine cells amplify allergic asthma responses. <i>Science</i> , 2018, 360, .	6.0	278
18	Genetic analysis of basophil function in vivo. <i>Nature Immunology</i> , 2011, 12, 527-535.	7.0	231

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19	Parasitic helminths induce fetal-like reversion in the intestinal stem cell niche. <i>Nature</i> , 2018, 559, 109-113.	13.7	223
20	Chitin Activates Parallel Immune Modules that Direct Distinct Inflammatory Responses via Innate Lymphoid Type 2 and I λ 1 T Cells. <i>Immunity</i> , 2014, 40, 414-424.	6.6	221
21	Thymic tuft cells promote an IL-4-enriched medulla and shape thymocyte development. <i>Nature</i> , 2018, 559, 627-631.	13.7	221
22	Independent and Epigenetic Regulation of the Interleukin-4 Alleles in CD4+ T Cells. , 1998, 281, 1352-1354.		219
23	Recruited Monocytes and Type 2 Immunity Promote Lung Regeneration following Pneumonectomy. <i>Cell Stem Cell</i> , 2017, 21, 120-134.e7.	5.2	187
24	A tissue checkpoint regulates type 2 immunity. <i>Nature Immunology</i> , 2016, 17, 1381-1387.	7.0	184
25	Deletion of a coordinate regulator of type 2 cytokine expression in mice. <i>Nature Immunology</i> , 2001, 2, 842-847.	7.0	181
26	Tissue-Resident Group 2 Innate Lymphoid Cells Differentiate by Layered Ontogeny and In Situ Perinatal Priming. <i>Immunity</i> , 2019, 50, 1425-1438.e5.	6.6	179
27	Regulation of immune responses by tuft cells. <i>Nature Reviews Immunology</i> , 2019, 19, 584-593.	10.6	153
28	Identification and distribution of developing innate lymphoid cells in the fetal mouse intestine. <i>Nature Immunology</i> , 2015, 16, 153-160.	7.0	139
29	Leukotrienes provide an NFAT-dependent signal that synergizes with IL-33 to activate ILC2s. <i>Journal of Experimental Medicine</i> , 2017, 214, 27-37.	4.2	132
30	Skin-resident innate lymphoid cells converge on a pathogenic effector state. <i>Nature</i> , 2021, 592, 128-132.	13.7	119
31	Tuft Cells—Systemically Dispersed Sensory Epithelia Integrating Immune and Neural Circuitry. <i>Annual Review of Immunology</i> , 2019, 37, 47-72.	9.5	109
32	Interleukin-5–producing group 2 innate lymphoid cells control eosinophilia induced by interleukin-2 therapy. <i>Blood</i> , 2014, 124, 3572-3576.	0.6	100
33	Perinatal Licensing of Thermogenesis by IL-33 and ST2. <i>Cell</i> , 2016, 166, 841-854.	13.5	99
34	Why Innate Lymphoid Cells?. <i>Immunity</i> , 2018, 48, 1081-1090.	6.6	97
35	Type 2 innate lymphoid cells constitutively express arginase-I in the naïve and inflamed lung. <i>Journal of Leukocyte Biology</i> , 2013, 94, 877-884.	1.5	92
36	Nine lives: plasticity among T helper cell subsets. <i>Journal of Experimental Medicine</i> , 2009, 206, 1643-1646.	4.2	91

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37	In Situ Maturation and Tissue Adaptation of Type 2 Innate Lymphoid Cell Progenitors. <i>Immunity</i> , 2020, 53, 775-792.e9.	6.6	88
38	Spontaneous Chitin Accumulation in Airways and Age-Related Fibrotic Lung Disease. <i>Cell</i> , 2017, 169, 497-509.e13.	13.5	87
39	Interleukin 1: The patterns of translation and intracellular distribution support alternative secretory mechanisms. <i>Journal of Cellular Physiology</i> , 1992, 152, 223-231.	2.0	82
40	MicroRNA regulation of type 2 innate lymphoid cell homeostasis and function in allergic inflammation. <i>Journal of Experimental Medicine</i> , 2017, 214, 3627-3643.	4.2	79
41	Marking and Quantifying IL-17A-Producing Cells In Vivo. <i>PLoS ONE</i> , 2012, 7, e39750.	1.1	74
42	IgE-activated basophils regulate eosinophil tissue entry by modulating endothelial function. <i>Journal of Experimental Medicine</i> , 2015, 212, 513-524.	4.2	74
43	Alveolar macrophages rely on GM-CSF from alveolar epithelial type 2 cells before and after birth. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	70
44	Tissue-specific pathways extrude activated ILC2s to disseminate type 2 immunity. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	69
45	Eosinophils Are Recruited in Response to Chitin Exposure and Enhance Th2-Mediated Immune Pathology in <i>Aspergillus fumigatus</i> Infection. <i>Infection and Immunity</i> , 2014, 82, 3199-3205.	1.0	68
46	Functional screening of an asthma QTL in YAC transgenic mice. <i>Nature Genetics</i> , 1999, 23, 241-244.	9.4	64
47	A Novel Model for IFN- γ -Mediated Autoinflammatory Syndromes. <i>Journal of Immunology</i> , 2015, 194, 2358-2368.	0.4	64
48	Leukotriene B4 amplifies eosinophil accumulation in response to nematodes. <i>Journal of Experimental Medicine</i> , 2014, 211, 1281-1288.	4.2	56
49	Differential Enzymatic Activity of Common Haplotypic Versions of the Human Acidic Mammalian Chitinase Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 19650-19658.	1.6	54
50	IL-C-2 it: type 2 immunity and group 2 innate lymphoid cells in homeostasis. <i>Current Opinion in Immunology</i> , 2014, 31, 58-65.	2.4	48
51	Chitins and chitinase activity in airway diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 364-369.	1.5	48
52	Eosinophil-specific deletion of $\text{I}\kappa\text{B}\alpha$ in mice reveals a critical role of NF- κB -induced Bcl-xL for inhibition of apoptosis. <i>Blood</i> , 2015, 125, 3896-3904.	0.6	47
53	The Development of Steady-State Activation Hubs between Adult LTi ILC3s and Primed Macrophages in Small Intestine. <i>Journal of Immunology</i> , 2017, 199, 1912-1922.	0.4	44
54	Cytokines in the differentiation of Th1/Th2 CD4+ subsets in leishmaniasis. <i>Journal of Cellular Biochemistry</i> , 1993, 53, 323-328.	1.2	37

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55	Interferon gamma constrains type 2 lymphocyte niche boundaries during mixed inflammation. <i>Immunity</i> , 2022, 55, 254-271.e7.	6.6	30
56	<i>Leishmania major</i> infection of inbred mice: unmasking genetic determinants of infectious diseases. <i>BioEssays</i> , 1999, 21, 510-518.	1.2	28
57	A stromal progenitor and ILC2 niche promotes muscle eosinophilia and fibrosis-associated gene expression. <i>Cell Reports</i> , 2021, 35, 108997.	2.9	28
58	Bile acid-sensitive tuft cells regulate biliary neutrophil influx. <i>Science Immunology</i> , 2022, 7, eabj1080.	5.6	23
59	Allergic Inflammation is Innately Homeostatic. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a016352.	2.3	21
60	Functional plasticity of the LACK-reactive $\gamma\delta$ CD4 ⁺ T cells normally producing the early IL-4 instructing Th2 cell development and susceptibility to <i>Leishmania major</i> in BALB / c mice. <i>European Journal of Immunology</i> , 2001, 31, 1288-1296.	1.6	19
61	IL-13-programmed airway tuft cells produce PGE ₂ , which promotes CFTR-dependent mucociliary function. <i>JCI Insight</i> , 2022, 7, .	2.3	19
62	CISH constrains the tuft cell ILC2 circuit to set epithelial and immune tone. <i>Mucosal Immunology</i> , 2021, 14, 1295-1305.	2.7	16
63	Differences in the chitinolytic activity of mammalian chitinases on soluble and insoluble substrates. <i>Protein Science</i> , 2020, 29, 952-963.	3.1	15
64	The Roaring Twenties. <i>Immunity</i> , 2008, 28, 437-439.	6.6	12
65	A role for IL-33-activated ILC2s in eosinophilic vasculitis. <i>JCI Insight</i> , 2021, 6, .	2.3	12
66	Determinants of Divergent Adaptive Immune Responses after Airway Sensitization with Ligands of Toll-Like Receptor 5 or Toll-Like Receptor 9. <i>PLoS ONE</i> , 2016, 11, e0167693.	1.1	11
67	Dual epithelial and immune cell function of Dvl1 regulates gut microbiota composition and intestinal homeostasis. <i>JCI Insight</i> , 2016, 1, .	2.3	11
68	Lymph node-resident dendritic cells drive T _H 2 cell development involving MARCH1. <i>Science Immunology</i> , 2021, 6, eabh0707.	5.6	10
69	Interrogating the Small Intestine Tuft Cell ILC2 Circuit Using In Vivo Manipulations. <i>Current Protocols</i> , 2021, 1, e77.	1.3	9
70	The Development of Effector T Cell Subsets in Murine <i>Leishmania Major</i> Infection. <i>Novartis Foundation Symposium</i> , 1995, 195, 110-122.	1.2	7
71	ILC2s development, divergence, dispersal. <i>Current Opinion in Immunology</i> , 2022, 75, 102168.	2.4	6
72	Tissue immunity broadcasts near and far. <i>Nature Reviews Immunology</i> , 2020, 20, 93-94.	10.6	5

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73	Making Asthma Crystal Clear. <i>New England Journal of Medicine</i> , 2019, 381, 882-884.	13.9	4
74	Production of IFN γ by Conventional Dendritic Cells after Stimulation with Viral Compounds and IFN γ -Independent IFNAR1-Signaling Pathways are Associated with Aggravation of Polymicrobial Sepsis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4410.	1.8	4
75	Asthma and the flu: a tricky two-step. <i>Immunology and Cell Biology</i> , 2014, 92, 389-391.	1.0	3
76	Flying doctors. <i>Nature Immunology</i> , 2000, 1, 457-458.	7.0	2
77	Raggin TM on T-bet. <i>Cell Metabolism</i> , 2013, 17, 473-474.	7.2	1
78	A Failure to Launch: Fuelling Cytokine Secretion in iNKT Cells. <i>Immunity</i> , 2006, 25, 393-395.	6.6	0
79	New blood: Creative funding of disease-specific research. <i>Science Translational Medicine</i> , 2015, 7, 288ed5.	5.8	0
80	Turning the light on. <i>Nature Reviews Immunology</i> , 2017, 17, 593-593.	10.6	0
81	ILC2s chew the fat. <i>Journal of Experimental Medicine</i> , 2019, 216, 1972-1973.	4.2	0