

Andrew N J Mckenzie

List of Publications by Citations

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100
papers

18,344
citations

56
h-index

118
g-index

118
ext. papers

21,552
ext. citations

15.9
avg, IF

6.69
L-index

#	Paper	IF	Citations
100	Nuocytes represent a new innate effector leukocyte that mediates type-2 immunity. <i>Nature</i> , 2010 , 464, 1367-70	50.4	1668
99	Innate lymphoid cells--a proposal for uniform nomenclature. <i>Nature Reviews Immunology</i> , 2013 , 13, 145-96.5	36.5	1655
98	Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , 2018 , 174, 1054-1066	56.2	846
97	IL-33 and ST2 comprise a critical biomechanically induced and cardioprotective signaling system. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1538-49	15.9	717
96	Group 2 innate lymphoid cells are critical for the initiation of adaptive T helper 2 cell-mediated allergic lung inflammation. <i>Immunity</i> , 2014 , 40, 425-35	32.3	645
95	Innate lymphoid cells mediate influenza-induced airway hyper-reactivity independently of adaptive immunity. <i>Nature Immunology</i> , 2011 , 12, 631-8	19.1	624
94	A role for IL-25 and IL-33-driven type-2 innate lymphoid cells in atopic dermatitis. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2939-50	16.6	618
93	Identification of an interleukin (IL)-25-dependent cell population that provides IL-4, IL-5, and IL-13 at the onset of helminth expulsion. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1105-16	16.6	552
92	Innate lymphoid cells--how did we miss them?. <i>Nature Reviews Immunology</i> , 2013 , 13, 75-87	36.5	548
91	Periostin: a novel component of subepithelial fibrosis of bronchial asthma downstream of IL-4 and IL-13 signals. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 98-104	11.5	505
90	Innate lymphoid cells. Innate lymphoid cells: a new paradigm in immunology. <i>Science</i> , 2015 , 348, aaa6566	33.3	503
89	MHCII-mediated dialog between group 2 innate lymphoid cells and CD4(+) T cells potentiates type 2 immunity and promotes parasitic helminth expulsion. <i>Immunity</i> , 2014 , 41, 283-95	32.3	482
88	Transcription factor ROR γ s critical for nuocyte development. <i>Nature Immunology</i> , 2012 , 13, 229-36	19.1	448
87	Innate IL-13-producing nuocytes arise during allergic lung inflammation and contribute to airways hyperreactivity. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 191-8.e1-4	11.5	386
86	Critical role for IL-13 in the development of allergen-induced airway hyperreactivity. <i>Journal of Immunology</i> , 2001 , 167, 4668-75	5.3	349
85	Prostaglandin D2 activates group 2 innate lymphoid cells through chemoattractant receptor-homologous molecule expressed on TH2 cells. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1184-94	11.5	343
84	Interleukin-33-dependent innate lymphoid cells mediate hepatic fibrosis. <i>Immunity</i> , 2013 , 39, 357-71	32.3	341

83	Schistosome infection of transgenic mice defines distinct and contrasting pathogenic roles for IL-4 and IL-13: IL-13 is a profibrotic agent. <i>Journal of Immunology</i> , 2000 , 164, 2585-91	5.3	341
82	Blocking IL-25 prevents airway hyperresponsiveness in allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 1324-31	11.5	298
81	IL-33 is more potent than IL-25 in provoking IL-13-producing nuocytes (type 2 innate lymphoid cells) and airway contraction. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 933-41	11.5	283
80	Innate lymphoid cells in inflammation and immunity. <i>Immunity</i> , 2014 , 41, 366-374	32.3	280
79	IL-4 induces characteristic Th2 responses even in the combined absence of IL-5, IL-9, and IL-13. <i>Immunity</i> , 2002 , 17, 7-17	32.3	273
78	A p53-dependent mechanism underlies macrocytic anemia in a mouse model of human 5q-syndrome. <i>Nature Medicine</i> , 2010 , 16, 59-66	50.5	271
77	TH9 cells that express the transcription factor PU.1 drive T cell-mediated colitis via IL-9 receptor signaling in intestinal epithelial cells. <i>Nature Immunology</i> , 2014 , 15, 676-86	19.1	255
76	Innate lymphoid cells responding to IL-33 mediate airway hyperreactivity independently of adaptive immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 216-27.e1-6	11.5	247
75	IL-25 and type 2 innate lymphoid cells induce pulmonary fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 367-72	11.5	245
74	Rhinovirus-induced IL-25 in asthma exacerbation drives type 2 immunity and allergic pulmonary inflammation. <i>Science Translational Medicine</i> , 2014 , 6, 256ra134	17.5	227
73	Group 2 innate lymphoid cells license dendritic cells to potentiate memory TH2 cell responses. <i>Nature Immunology</i> , 2016 , 17, 57-64	19.1	206
72	T2 cell development and function. <i>Nature Reviews Immunology</i> , 2018 , 18, 121-133	36.5	200
71	Single-cell RNA-seq identifies a PD-1 ILC progenitor and defines its development pathway. <i>Nature</i> , 2016 , 539, 102-106	50.4	186
70	Chitin activates parallel immune modules that direct distinct inflammatory responses via innate lymphoid type 2 and Γ cells. <i>Immunity</i> , 2014 , 40, 414-24	32.3	183
69	The Deubiquitinase OTULIN Is an Essential Negative Regulator of Inflammation and Autoimmunity. <i>Cell</i> , 2016 , 166, 1215-1230.e20	56.2	182
68	An Interleukin-33-Mast Cell-Interleukin-2 Axis Suppresses Papain-Induced Allergic Inflammation by Promoting Regulatory T Cell Numbers. <i>Immunity</i> , 2015 , 43, 175-86	32.3	177
67	Cutting edge: IL-25 elicits innate lymphoid type 2 and type II NKT cells that regulate obesity in mice. <i>Journal of Immunology</i> , 2013 , 191, 5349-53	5.3	174
66	IL-33 citrine reporter mice reveal the temporal and spatial expression of IL-33 during allergic lung inflammation. <i>European Journal of Immunology</i> , 2013 , 43, 488-98	6.1	167

65	Resolution of inflammation by interleukin-9-producing type 2 innate lymphoid cells. <i>Nature Medicine</i> , 2017 , 23, 938-944	50.5	163
64	Single-cell RNA sequencing reveals T helper cells synthesizing steroids de novo to contribute to immune homeostasis. <i>Cell Reports</i> , 2014 , 7, 1130-42	10.6	143
63	Development and function of group 2 innate lymphoid cells. <i>Current Opinion in Immunology</i> , 2013 , 25, 148-55	7.8	139
62	First-Breath-Induced Type 2 Pathways Shape the Lung Immune Environment. <i>Cell Reports</i> , 2017 , 18, 1893-1905	10.8	133
61	Inflammation-induced formation of fat-associated lymphoid clusters. <i>Nature Immunology</i> , 2015 , 16, 819-828	8.8	128
60	Tissue-Restricted Adaptive Type 2 Immunity Is Orchestrated by Expression of the Costimulatory Molecule OX40L on Group 2 Innate Lymphoid Cells. <i>Immunity</i> , 2018 , 48, 1195-1207.e6	32.3	125
59	IL-25 drives remodelling in allergic airways disease induced by house dust mite. <i>Thorax</i> , 2013 , 68, 82-90	7.3	125
58	IL-13 is a susceptibility factor for Leishmania major infection. <i>Journal of Immunology</i> , 2000 , 164, 1458-62	5.3	123
57	Insights into the initiation of type 2 immune responses. <i>Immunology</i> , 2011 , 134, 378-85	7.8	119
56	Bcl11b is essential for group 2 innate lymphoid cell development. <i>Journal of Experimental Medicine</i> , 2015 , 212, 875-82	16.6	111
55	Tumour-derived PGD2 and NKp30-B7H6 engagement drives an immunosuppressive ILC2-MDSC axis. <i>Nature Communications</i> , 2017 , 8, 593	17.4	104
54	Direct control of hepatic glucose production by interleukin-13 in mice. <i>Journal of Clinical Investigation</i> , 2013 , 123, 261-71	15.9	92
53	Spontaneous atopic dermatitis is mediated by innate immunity, with the secondary lung inflammation of the atopic march requiring adaptive immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 482-91	11.5	79
52	ILC2s regulate adaptive Th2 cell functions via PD-L1 checkpoint control. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2507-2521	16.6	78
51	Type-2 innate lymphoid cells in asthma and allergy. <i>Annals of the American Thoracic Society</i> , 2014 , 11 Suppl 5, S263-70	4.7	78
50	IL-13 overexpression predisposes to anaphylaxis following antigen sensitization. <i>Journal of Immunology</i> , 2001 , 166, 2712-6	5.3	72
49	Type-2 innate lymphoid cells in human allergic disease. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2014 , 14, 397-403	3.3	69
48	A stromal cell niche sustains ILC2-mediated type-2 conditioning in adipose tissue. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1999-2009	16.6	65

47	Type-2 innate lymphoid cells control the development of atherosclerosis in mice. <i>Nature Communications</i> , 2017 , 8, 15781	17.4	62
46	Group 2 Innate Lymphoid Cells Express Functional NKp30 Receptor Inducing Type 2 Cytokine Production. <i>Journal of Immunology</i> , 2016 , 196, 45-54	5.3	60
45	Filaggrin inhibits generation of CD1a neolipid antigens by house dust mite-derived phospholipase. <i>Science Translational Medicine</i> , 2016 , 8, 325ra18	17.5	56
44	The helminth T2 RNase β promotes metabolic homeostasis in an IL-33- and group 2 innate lymphoid cell-dependent mechanism. <i>FASEB Journal</i> , 2016 , 30, 824-35	0.9	53
43	Polychromic Reporter Mice Reveal Unappreciated Innate Lymphoid Cell Progenitor Heterogeneity and Elusive ILC3 Progenitors in Bone Marrow. <i>Immunity</i> , 2019 , 51, 104-118.e7	32.3	53
42	Single-cell analysis of CD4+ T-cell differentiation reveals three major cell states and progressive acceleration of proliferation. <i>Genome Biology</i> , 2016 , 17, 103	18.3	46
41	ILC2-driven innate immune checkpoint mechanism antagonizes NK cell antimetastatic function in the lung. <i>Nature Immunology</i> , 2020 , 21, 998-1009	19.1	46
40	Dysregulation of type 2 innate lymphoid cells and T2 cells impairs pollutant-induced allergic airway responses. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 246-257.e4	11.5	44
39	CD1a presentation of endogenous antigens by group 2 innate lymphoid cells. <i>Science Immunology</i> , 2017 , 2,	28	34
38	New insights into 5q- syndrome as a ribosomopathy. <i>Cell Cycle</i> , 2010 , 9, 4286-93	4.7	31
37	IL-25: a key requirement for the regulation of type-2 immunity. <i>BioFactors</i> , 2009 , 35, 178-82	6.1	31
36	Roles for T/B lymphocytes and ILC2s in experimental chronic obstructive pulmonary disease. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 143-150	6.5	31
35	Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by IL-1 β . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1920-1933	9.3	28
34	ILC2 activation by keratinocyte-derived IL-25 drives IL-13 production at sites of allergic skin inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1606-1614.e4	11.5	26
33	OTULIN protects the liver against cell death, inflammation, fibrosis, and cancer. <i>Cell Death and Differentiation</i> , 2020 , 27, 1457-1474	12.7	24
32	Decoy receptors in the regulation of T helper cell type 2 responses. <i>Journal of Experimental Medicine</i> , 2003 , 197, 675-9	16.6	24
31	Lack of Type 2 Innate Lymphoid Cells Promotes a Type I-Driven Enhanced Immune Response in Contact Hypersensitivity. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1962-1972	4.3	23
30	New kids on the block: group 2 innate lymphoid cells and type 2 inflammation in the lung. <i>Chest</i> , 2013 , 144, 1681-1686	5.3	23

29	Blockade of the co-inhibitory molecule PD-1 unleashes ILC2-dependent antitumor immunity in melanoma. <i>Nature Immunology</i> , 2021 , 22, 851-864	19.1	23
28	Innate Lymphoid Cells of the Lung. <i>Annual Review of Physiology</i> , 2019 , 81, 429-452	23.1	21
27	Genome-wide analyses reveal the IRE1a-XBP1 pathway promotes T helper cell differentiation by resolving secretory stress and accelerating proliferation. <i>Genome Medicine</i> , 2018 , 10, 76	14.4	21
26	Disrupting Il13 impairs production of IL-4 specified by the linked allele. <i>Nature Immunology</i> , 2001 , 2, 461-469	6.1	17
25	ROR γ is a critical checkpoint for T cell and ILC2 commitment in the embryonic thymus. <i>Nature Immunology</i> , 2021 , 22, 166-178	19.1	17
24	STAT3 Activation Impairs the Stability of Th9 Cells. <i>Journal of Immunology</i> , 2017 , 198, 2302-2309	5.3	16
23	Group 2 Innate Lymphoid Cells Are Redundant in Experimental Renal Ischemia-Reperfusion Injury. <i>Frontiers in Immunology</i> , 2019 , 10, 826	8.4	16
22	Innate lymphoid cells in the airways. <i>European Journal of Immunology</i> , 2012 , 42, 1368-74	6.1	14
21	Re-evaluation of human BDCA-2+ DC during acute sterile skin inflammation. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	14
20	MicroRNA-155 Protects Group 2 Innate Lymphoid Cells From Apoptosis to Promote Type-2 Immunity. <i>Frontiers in Immunology</i> , 2018 , 9, 2232	8.4	14
19	Group 2 Innate Lymphoid Cells: Team Players in Regulating Asthma. <i>Annual Review of Immunology</i> , 2021 , 39, 167-198	34.7	11
18	BET Bromodomain Inhibitor iBET151 Impedes Human ILC2 Activation and Prevents Experimental Allergic Lung Inflammation. <i>Frontiers in Immunology</i> , 2019 , 10, 678	8.4	10
17	IL-25 as a potential therapeutic target in allergic asthma. <i>Immunotherapy</i> , 2015 , 7, 607-10	3.8	9
16	Type 2 Innate Lymphoid Cells Protect against Colorectal Cancer Progression and Predict Improved Patient Survival. <i>Cancers</i> , 2021 , 13,	6.6	9
15	Aberrant production of IL-13 by T cells promotes exocrinopathy in Id3 knockout mice. <i>Cytokine</i> , 2014 , 69, 226-33	4	8
14	Modifying Alcohol Consumption to Reduce Obesity: A Randomized Controlled Feasibility Study of a Complex Community-based Intervention for Men. <i>Alcohol and Alcoholism</i> , 2017 , 52, 677-684	3.5	8
13	Mapping Rora expression in resting and activated CD4+ T cells. <i>PLoS ONE</i> , 2021 , 16, e0251233	3.7	8
12	Group-2 innate lymphoid cell-dependent regulation of tissue neutrophil migration by alternatively activated macrophage-secreted Ear11. <i>Mucosal Immunology</i> , 2021 , 14, 26-37	9.2	6

11	Modifying Alcohol Consumption to Reduce Obesity (MACRO): development and feasibility trial of a complex community-based intervention for men. <i>Health Technology Assessment</i> , 2017 , 21, 1-150	4.4	4
10	IL-6 effector function of group 2 innate lymphoid cells (ILC2) is NOD2 dependent. <i>Science Immunology</i> , 2021 , 6,	2.8	3
9	Text message intervention to reduce frequency of binge drinking among disadvantaged men: the TRAM RCT. <i>Public Health Research</i> , 2018 , 6, 1-156	1.7	2
8	The Interleukin-33-Group 2 Innate Lymphoid Cell Axis Represents a Potential Adjuvant Target To Increase the Cross-Protective Efficacy of Influenza Vaccine. <i>Journal of Virology</i> , 2021 , 95, e0059821	6.6	2
7	SREBP1-induced fatty acid synthesis depletes macrophages antioxidant defences to promote their alternative activation. <i>Nature Metabolism</i> , 2021 , 3, 1150-1162	14.6	2
6	An innate IL-25/ILC2/MDSC axis creates a cancer-permissive microenvironment for Apc mutation-driven intestinal tumorigenesis. <i>Science Immunology</i> , 2022 , 7,	2.8	2
5	IL-9 Production by Regulatory T Cells Recruits Mast Cells That Are Essential for Regulatory T Cell-Induced Immune-Suppression. <i>Blood</i> , 2010 , 116, 2782-2782	2.2	1
4	Eosinophils are an essential element of a type 2 immune axis that controls thymus regeneration.. <i>Science Immunology</i> , 2022 , 7, eabn3286	2.8	1
3	Targeting TLR4 during vaccination boosts MAdCAM-1 lymphoid stromal cell activation and promotes the aged germinal center response.. <i>Science Immunology</i> , 2022 , 7, eabk0018	2.8	1
2	Group 2 Innate Lymphoid Cells Exhibit Tissue-Specific Dynamic Behaviour During Type 2 Immune Responses. <i>Frontiers in Immunology</i> , 2021 , 12, 711907	8.4	0
1	Cytokine Cell Biology: A Practical Approach, 3rd Edition. <i>Journal of Cell Science</i> , 2001 , 114, 2209-2210	5.3	