Andrew N J Mckenzie

List of Publications by Year
in descending order

102 papers	23,622 citations	20817 60 h-index	30922 102 g-index
118 all docs	118 docs citations	118 times ranked	21240 citing authors

#	Article	IF	Citations
1	Innate lymphoid cells â€" a proposal for uniform nomenclature. Nature Reviews Immunology, 2013, 13, 145-149.	22.7	2,054
2	Nuocytes represent a new innate effector leukocyte that mediates type-2 immunity. Nature, 2010, 464, 1367-1370.	27.8	1,970
3	Innate Lymphoid Cells: 10 Years On. Cell, 2018, 174, 1054-1066.	28.9	1,467
4	IL-33 and ST2 comprise a critical biomechanically induced and cardioprotective signaling system. Journal of Clinical Investigation, 2007, 117, 1538-1549.	8.2	859
5	A role for IL-25 and IL-33â€"driven type-2 innate lymphoid cells in atopic dermatitis. Journal of Experimental Medicine, 2013, 210, 2939-2950.	8.5	803
6	Group 2 Innate Lymphoid Cells Are Critical for the Initiation of Adaptive T Helper 2 Cell-Mediated Allergic Lung Inflammation. Immunity, 2014, 40, 425-435.	14.3	803
7	Innate lymphoid cells mediate influenza-induced airway hyper-reactivity independently of adaptive immunity. Nature Immunology, 2011, 12, 631-638.	14.5	722
8	Innate lymphoid cells: A new paradigm in immunology. Science, 2015, 348, aaa6566.	12.6	683
9	Identification of an interleukin (IL)-25â€"dependent cell population that provides IL-4, IL-5, and IL-13 at the onset of helminth expulsion. Journal of Experimental Medicine, 2006, 203, 1105-1116.	8.5	646
10	Innate lymphoid cells â€" how did we miss them?. Nature Reviews Immunology, 2013, 13, 75-87.	22.7	621
11	MHCII-Mediated Dialog between Group 2 Innate Lymphoid Cells and CD4+ T Cells Potentiates Type 2 Immunity and Promotes Parasitic Helminth Expulsion. Immunity, 2014, 41, 283-295.	14.3	601
12	Periostin: A novel component of subepithelial fibrosis of bronchial asthma downstream of IL-4 and IL-13 signals. Journal of Allergy and Clinical Immunology, 2006, 118, 98-104.	2.9	585
13	Transcription factor RORÎ± is critical for nuocyte development. Nature Immunology, 2012, 13, 229-236.	14.5	530
14	Innate IL-13â€"producing nuocytes arise during allergic lung inflammation and contribute to airways hyperreactivity. Journal of Allergy and Clinical Immunology, 2012, 129, 191-198.e4.	2.9	446
15	Prostaglandin D2 activates group 2 innate lymphoid cells through chemoattractant receptor-homologous molecule expressed on TH2 cells. Journal of Allergy and Clinical Immunology, 2014, 133, 1184-1194.e7.	2.9	433
16	Interleukin-33-Dependent Innate Lymphoid Cells Mediate Hepatic Fibrosis. Immunity, 2013, 39, 357-371.	14.3	431
17	Critical Role for IL-13 in the Development of Allergen-Induced Airway Hyperreactivity. Journal of Immunology, 2001, 167, 4668-4675.	0.8	382
18	Schistosome Infection of Transgenic Mice Defines Distinct and Contrasting Pathogenic Roles for IL-4 and IL-13: IL-13 Is a Profibrotic Agent. Journal of Immunology, 2000, 164, 2585-2591.	0.8	381

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19	TH2 cell development and function. Nature Reviews Immunology, 2018, 18, 121-133.	22.7	365
20	Blocking IL-25 prevents airway hyperresponsiveness in allergic asthma. Journal of Allergy and Clinical Immunology, 2007, 120, 1324-1331.	2.9	342
21	TH9 cells that express the transcription factor PU.1 drive T cellâ€“mediated colitis via IL-9 receptor signaling in intestinal epithelial cells. Nature Immunology, 2014, 15, 676-686.	14.5	338
22	IL-33 is more potent than IL-25 in provoking IL-13â€“producing nuocytes (type 2 innate lymphoid cells) and airway contraction. Journal of Allergy and Clinical Immunology, 2013, 132, 933-941.	2.9	331
23	Innate Lymphoid Cells in Inflammation and Immunity. Immunity, 2014, 41, 366-374.	14.3	322
24	IL-4 Induces Characteristic Th2 Responses Even in the Combined Absence of IL-5, IL-9, and IL-13. Immunity, 2002, 17, 7-17.	14.3	312
25	A p53-dependent mechanism underlies macrocytic anemia in a mouse model of human 5qâ€“ syndrome. Nature Medicine, 2010, 16, 59-66.	30.7	312
26	IL-25 and type 2 innate lymphoid cells induce pulmonary fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 367-372.	7.1	307
27	Innate lymphoid cells responding to IL-33 mediate airway hyperreactivity independently of adaptive immunity. Journal of Allergy and Clinical Immunology, 2012, 129, 216-227.e6.	2.9	287
28	Rhinovirus-induced IL-25 in asthma exacerbation drives type 2 immunity and allergic pulmonary inflammation. Science Translational Medicine, 2014, 6, 256ra134.	12.4	280
29	The Deubiquitinase OTULIN Is an Essential Negative Regulator of Inflammation and Autoimmunity. Cell, 2016, 166, 1215-1230.e20.	28.9	259
30	Single-cell RNA-seq identifies a PD-1hi ILC progenitor and defines its development pathway. Nature, 2016, 539, 102-106.	27.8	257
31	Group 2 innate lymphoid cells license dendritic cells to potentiate memory TH2 cell responses. Nature Immunology, 2016, 17, 57-64.	14.5	257
32	An Interleukin-33-Mast Cell-Interleukin-2 Axis Suppresses Papain-Induced Allergic Inflammation by Promoting Regulatory T Cell Numbers. Immunity, 2015, 43, 175-186.	14.3	240
33	Resolution of inflammation by interleukin-9-producing type 2 innate lymphoid cells. Nature Medicine, 2017, 23, 938-944.	30.7	223
34	Chitin Activates Parallel Immune Modules that Direct Distinct Inflammatory Responses via Innate Lymphoid Type 2 and Î³Î´ T Cells. Immunity, 2014, 40, 414-424.	14.3	221
35	ILâ€33 citrine reporter mice reveal the temporal and spatial expression of ILâ€33 during allergic lung inflammation. European Journal of Immunology, 2013, 43, 488-498.	2.9	204
36	Cutting Edge: IL-25 Elicits Innate Lymphoid Type 2 and Type II NKT Cells That Regulate Obesity in Mice. Journal of Immunology, 2013, 191, 5349-5353.	0.8	202

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37	First-Breath-Induced Type 2 Pathways Shape the Lung Immune Environment. Cell Reports, 2017, 18, 1893-1905.	6.4	200
38	Single-Cell RNA Sequencing Reveals T Helper Cells Synthesizing Steroids De Novo to Contribute to Immune Homeostasis. Cell Reports, 2014, 7, 1130-1142.	6.4	198
39	Tissue-Restricted Adaptive Type 2 Immunity Is Orchestrated by Expression of the Costimulatory Molecule OX40L on Group 2 Innate Lymphoid Cells. Immunity, 2018, 48, 1195-1207.e6.	14.3	191
40	Inflammation-induced formation of fat-associated lymphoid clusters. Nature Immunology, 2015, 16, 819-828.	14.5	175
41	Tumour-derived PGD2 and NKp30-B7H6 engagement drives an immunosuppressive ILC2-MDSC axis. Nature Communications, 2017, 8, 593.	12.8	175
42	Development and function of group 2 innate lymphoid cells. Current Opinion in Immunology, 2013, 25, 148-155.	5.5	171
43	IL-25 drives remodelling in allergic airways disease induced by house dust mite. Thorax, 2013, 68, 82-90.	5.6	142
44	Insights into the initiation of type 2 immune responses. Immunology, 2011, 134, 378-385.	4.4	141
45	IL-13 Is a Susceptibility Factor forLeishmania majorInfection. Journal of Immunology, 2000, 164, 1458-1462.	0.8	138
46	Bcl11b is essential for group 2 innate lymphoid cell development. Journal of Experimental Medicine, 2015, 212, 875-882.	8.5	126
47	Spontaneous atopic dermatitis is mediated by innate immunity, with the secondary lung inflammation of the atopic march requiring adaptive immunity. Journal of Allergy and Clinical Immunology, 2016, 137, 482-491.	2.9	117
48	Direct control of hepatic glucose production by interleukin-13 in mice. Journal of Clinical Investigation, 2013, 123, 261-271.	8.2	116
49	ILC2-driven innate immune checkpoint mechanism antagonizes NK cell antimetastatic function in the lung. Nature Immunology, 2020, 21, 998-1009.	14.5	112
50	ILC2s regulate adaptive Th2 cell functions via PD-L1 checkpoint control. Journal of Experimental Medicine, 2017, 214, 2507-2521.	8.5	109
51	Type-2 Innate Lymphoid Cells in Asthma and Allergy. Annals of the American Thoracic Society, 2014, 11, S263-S270.	3.2	105
52	A stromal cell niche sustains ILC2-mediated type-2 conditioning in adipose tissue. Journal of Experimental Medicine, 2019, 216, 1999-2009.	8.5	101
53	Blockade of the co-inhibitory molecule PD-1 unleashes ILC2-dependent antitumor immunity in melanoma. Nature Immunology, 2021, 22, 851-864.	14.5	97
54	Polychromic Reporter Mice Reveal Unappreciated Innate Lymphoid Cell Progenitor Heterogeneity and Elusive ILC3 Progenitors in Bone Marrow. Immunity, 2019, 51, 104-118.e7.	14.3	94

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55	Type-2 innate lymphoid cells in human allergic disease. Current Opinion in Allergy and Clinical Immunology, 2014, 14, 397-403.	2.3	84
56	Type-2 innate lymphoid cells control the development of atherosclerosis in mice. Nature Communications, 2017, 8, 15781.	12.8	84
57	IL-13 Overexpression Predisposes to Anaphylaxis Following Antigen Sensitization. Journal of Immunology, 2001, 166, 2712-2716.	0.8	83
58	Filaggrin inhibits generation of CD1a neolipid antigens by house dust miteâ€“derived phospholipase. Science Translational Medicine, 2016, 8, 325ra18.	12.4	77
59	Group 2 Innate Lymphoid Cells Express Functional NKp30 Receptor Inducing Type 2 Cytokine Production. Journal of Immunology, 2016, 196, 45-54.	0.8	73
60	The helminth T2 RNase Ï‰1 promotes metabolic homeostasis in an ILâ€33â€•and group 2 innate lymphoid cellâ€dependent mechanism. FASEB Journal, 2016, 30, 824-835.	0.5	70
61	ILC2 activation by keratinocyte-derived IL-25 drives IL-13 production at sites of allergic skin inflammation. Journal of Allergy and Clinical Immunology, 2020, 145, 1606-1614.e4.	2.9	68
62	Genome-wide analyses reveal the IRE1a-XBP1 pathway promotes T helper cell differentiation by resolving secretory stress and accelerating proliferation. Genome Medicine, 2018, 10, 76.	8.2	67
63	Single-cell analysis of CD4+ T-cell differentiation reveals three major cell states and progressive acceleration of proliferation. Genome Biology, 2016, 17, 103.	8.8	65
64	CD1a presentation of endogenous antigens by group 2 innate lymphoid cells. Science Immunology, 2017, 2, .	11.9	57
65	Dysregulation of type 2 innate lymphoid cells and T H 2 cells impairs pollutant-induced allergic airway responses. Journal of Allergy and Clinical Immunology, 2017, 139, 246-257.e4.	2.9	55
66	Roles for T/B lymphocytes and ILC2s in experimental chronic obstructive pulmonary disease. Journal of Leukocyte Biology, 2018, 105, 143-150.	3.3	55
67	Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by ILâ€1Î². Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1920-1933.	5.7	51
68	RORÎ± is a critical checkpoint for T cell and ILC2 commitment in the embryonic thymus. Nature Immunology, 2021, 22, 166-178.	14.5	51
69	OTULIN protects the liver against cell death, inflammation, fibrosis, and cancer. Cell Death and Differentiation, 2020, 27, 1457-1474.	11.2	45
70	New insights into 5q- syndrome as a ribosomopathy. Cell Cycle, 2010, 9, 4286-4293.	2.6	40
71	Innate Lymphoid Cells of the Lung. Annual Review of Physiology, 2019, 81, 429-452.	13.1	40
72	ILâ€25: A key requirement for the regulation of typeâ€2 immunity. BioFactors, 2009, 35, 178-182.	5.4	39

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73	An innate IL-25â€“ILC2â€“MDSC axis creates a cancer-permissive microenvironment for Apc mutationâ€“driven intestinal tumorigenesis. Science Immunology, 2022, 7, .	11.9	34
74	Lack of Type 2 Innate Lymphoid Cells Promotes a Type I-Driven Enhanced Immune Response in Contact Hypersensitivity. Journal of Investigative Dermatology, 2018, 138, 1962-1972.	0.7	31
75	Type 2 Innate Lymphoid Cells Protect against Colorectal Cancer Progression and Predict Improved Patient Survival. Cancers, 2021, 13, 559.	3.7	31
76	Group 2 Innate Lymphoid Cells: Team Players in Regulating Asthma. Annual Review of Immunology, 2021, 39, 167-198.	21.8	31
77	New Kids on the Block. Chest, 2013, 144, 1681-1686.	0.8	29
78	Re-evaluation of human BDCA-2+ DC during acute sterile skin inflammation. Journal of Experimental Medicine, 2020, 217, .	8.5	29
79	Mapping Rora expression in resting and activated CD4+ T cells. PLoS ONE, 2021, 16, e0251233.	2.5	29
80	SREBP1-induced fatty acid synthesis depletes macrophages antioxidant defences to promote their alternative activation. Nature Metabolism, 2021, 3, 1150-1162.	11.9	29
81	Decoy Receptors in the Regulation of T Helper Cell Type 2 Responses. Journal of Experimental Medicine, 2003, 197, 675-679.	8.5	28
82	Group 2 Innate Lymphoid Cells Are Redundant in Experimental Renal Ischemia-Reperfusion Injury. Frontiers in Immunology, 2019, 10, 826.	4.8	25
83	MicroRNA-155 Protects Group 2 Innate Lymphoid Cells From Apoptosis to Promote Type-2 Immunity. Frontiers in Immunology, 2018, 9, 2232.	4.8	23
84	STAT3 Activation Impairs the Stability of Th9 Cells. Journal of Immunology, 2017, 198, 2302-2309.	0.8	20
85	Disrupting Il13 impairs production of IL-4 specified by the linked allele. Nature Immunology, 2001, 2, 461-466.	14.5	18
86	T_H9: the latest addition to the expanding repertoire of ILâ€25 targets. Immunology and Cell Biology, 2010, 88, 502-504.	2.3	17
87	Aberrant production of IL-13 by T cells promotes exocrinopathy in Id3 knockout mice. Cytokine, 2014, 69, 226-233.	3.2	17
88	Targeting TLR4 during vaccination boosts MAdCAM-1 ⁺ lymphoid stromal cell activation and promotes the aged germinal center response. Science Immunology, 2022, 7, eabk0018.	11.9	17
89	Innate lymphoid cells in the airways. European Journal of Immunology, 2012, 42, 1368-1374.	2.9	16
90	BET Bromodomain Inhibitor iBET151 Impedes Human ILC2 Activation and Prevents Experimental Allergic Lung Inflammation. Frontiers in Immunology, 2019, 10, 678.	4.8	16

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91	Eosinophils are an essential element of a type 2 immune axis that controls thymus regeneration. Science Immunology, 2022, 7, eabn3286.	11.9	15
92	Modifying Alcohol Consumption to Reduce Obesity: A Randomized Controlled Feasibility Study of a Complex Community-based Intervention for Men. Alcohol and Alcoholism, 2017, 52, 677-684.	1.6	11
93	IL-33-ILC2 axis represents a potential adjuvant target to increase the cross-protective efficacy of influenza vaccine. Journal of Virology, 2021, 95, e0059821.	3.4	11
94	IL-25 as a potential therapeutic target in allergic asthma. Immunotherapy, 2015, 7, 607-610.	2.0	9
95	Group-2 innate lymphoid cell-dependent regulation of tissue neutrophil migration by alternatively activated macrophage-secreted Ear11. Mucosal Immunology, 2021, 14, 26-37.	6.0	9
96	Group 2 Innate Lymphoid Cells Exhibit Tissue-Specific Dynamic Behaviour During Type 2 Immune Responses. Frontiers in Immunology, 2021, 12, 711907.	4.8	9
97	IL-6 effector function of group 2 innate lymphoid cells (ILC2) is NOD2 dependent. Science Immunology, 2021, 6, .	11.9	8
98	Text message intervention to reduce frequency of binge drinking among disadvantaged men: the TRAM RCT. Public Health Research, 2018, 6, 1-156.	1.3	7
99	Viral PB1-F2 and host IFN-Î³ guide ILC2 and T cell activity during influenza virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	6
100	Modifying Alcohol Consumption to Reduce Obesity (MACRO): development and feasibility trial of a complex community-based intervention for men. Health Technology Assessment, 2017, 21, 1-150.	2.8	5
101	IL-9 Production by Regulatory T Cells Recruits Mast Cells That Are Essential for Regulatory T Cell-Induced Immune-Suppression. Blood, 2010, 116, 2782-2782.	1.4	2
102	Cytokine Cell Biology: A Practical Approach, 3rd Edition. Journal of Cell Science, 2001, 114, 2209-2210.	2.0	0