

David Artis

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77
papers

15,506
citations

47
h-index

79
g-index

79
ext. papers

19,057
ext. citations

22.1
avg, IF

7.19
L-index

#	Paper	IF	Citations
77	Innate lymphoid cells--a proposal for uniform nomenclature. <i>Nature Reviews Immunology</i> , 2013 , 13, 145-162	36.5	1655
76	Intestinal epithelial cells: regulators of barrier function and immune homeostasis. <i>Nature Reviews Immunology</i> , 2014 , 14, 141-53	36.5	1464
75	Innate lymphoid cells promote lung-tissue homeostasis after infection with influenza virus. <i>Nature Immunology</i> , 2011 , 12, 1045-1054	19.1	1012
74	The biology of innate lymphoid cells. <i>Nature</i> , 2015 , 517, 293-301	50.4	1003
73	Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , 2018 , 174, 1054-1066	56.2	846
72	Innate lymphoid cells promote lung-tissue homeostasis after infection with influenza virus. <i>Nature Immunology</i> , 2011 , 12, 1045-54	19.1	681
71	Constant replenishment from circulating monocytes maintains the macrophage pool in the intestine of adult mice. <i>Nature Immunology</i> , 2014 , 15, 929-937	19.1	659
70	Group 2 innate lymphoid cells promote beiging of white adipose tissue and limit obesity. <i>Nature</i> , 2015 , 519, 242-6	50.4	615
69	Innate lymphoid cells as regulators of immunity, inflammation and tissue homeostasis. <i>Nature Immunology</i> , 2016 , 17, 765-74	19.1	564
68	Tuft cells, taste-chemosensory cells, orchestrate parasite type 2 immunity in the gut. <i>Science</i> , 2016 , 351, 1329-33	33.3	471
67	IL25 elicits a multipotent progenitor cell population that promotes T(H)2 cytokine responses. <i>Nature</i> , 2010 , 464, 1362-6	50.4	454
66	Innate lymphoid cells in the initiation, regulation and resolution of inflammation. <i>Nature Medicine</i> , 2015 , 21, 698-708	50.5	363
65	The neuropeptide NPY amplifies ILC2-driven allergic lung inflammation. <i>Nature</i> , 2017 , 549, 351-356	50.4	330
64	New paradigms in type 2 immunity. <i>Science</i> , 2012 , 337, 431-5	33.3	319
63	Regulation of inflammation by microbiota interactions with the host. <i>Nature Immunology</i> , 2017 , 18, 851-860	36.5	318
62	IL-33 promotes an innate immune pathway of intestinal tissue protection dependent on amphiregulin-EGFR interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10762-7	11.5	306
61	Emerging functions of amphiregulin in orchestrating immunity, inflammation, and tissue repair. <i>Immunity</i> , 2015 , 42, 216-226	32.3	286

60	Immune regulation of metabolic homeostasis in health and disease. <i>Cell</i> , 2015 , 161, 146-160	56.2	282
59	The neuropeptide neuromedin U stimulates innate lymphoid cells and type 2 inflammation. <i>Nature</i> , 2017 , 549, 282-286	50.4	282
58	Basophil-derived interleukin-4 controls the function of natural helper cells, a member of ILC2s, in lung inflammation. <i>Immunity</i> , 2014 , 40, 758-71	32.3	206
57	Coinfection. Virus-helminth coinfection reveals a microbiota-independent mechanism of immunomodulation. <i>Science</i> , 2014 , 345, 578-82	33.3	195
56	Exposure to food allergens through inflamed skin promotes intestinal food allergy through the thymic stromal lymphopoietin-basophil axis. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1390-9, 1399.e1-6	11.5	189
55	Basophils promote innate lymphoid cell responses in inflamed skin. <i>Journal of Immunology</i> , 2014 , 193, 3717-25	5.3	184
54	Adrenergic receptor-mediated negative regulation of group 2 innate lymphoid cell responses. <i>Science</i> , 2018 , 359, 1056-1061	33.3	173
53	Oral-resident natural Th17 cells and Γ cells control opportunistic <i>Candida albicans</i> infections. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2075-84	16.6	173
52	Arginase 1 is an innate lymphoid-cell-intrinsic metabolic checkpoint controlling type 2 inflammation. <i>Nature Immunology</i> , 2016 , 17, 656-65	19.1	168
51	The microbiota regulate neuronal function and fear extinction learning. <i>Nature</i> , 2019 , 574, 543-548	50.4	161
50	The prostaglandin D ₂ receptor CRTH2 regulates accumulation of group 2 innate lymphoid cells in the inflamed lung. <i>Mucosal Immunology</i> , 2015 , 8, 1313-23	9.2	153
49	IL-33-Dependent Group 2 Innate Lymphoid Cells Promote Cutaneous Wound Healing. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 487-496	4.3	139
48	Stromal cells maintain immune cell homeostasis in adipose tissue via production of interleukin-33. <i>Science Immunology</i> , 2019 , 4,	28	104
47	Beyond Host Defense: Emerging Functions of the Immune System in Regulating Complex Tissue Physiology. <i>Cell</i> , 2018 , 173, 554-567	56.2	103
46	Neuropeptide CGRP Limits Group 2 Innate Lymphoid Cell Responses and Constrains Type 2 Inflammation. <i>Immunity</i> , 2019 , 51, 682-695.e6	32.3	98
45	Commensal microbiota modulate gene expression in the skin. <i>Microbiome</i> , 2018 , 6, 20	16.6	93
44	Spatial and Temporal Mapping of Human Innate Lymphoid Cells Reveals Elements of Tissue Specificity. <i>Immunity</i> , 2019 , 50, 505-519.e4	32.3	91
43	Basophil-derived IL-4 promotes epicutaneous antigen sensitization concomitant with the development of food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 223-234.e5	11.5	86

42	Emerging concepts and future challenges in innate lymphoid cell biology. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2229-2248	16.6	78
41	Exome sequencing analysis reveals variants in primary immunodeficiency genes in patients with very early onset inflammatory bowel disease. <i>Gastroenterology</i> , 2015 , 149, 1415-24	13.3	68
40	Response to Fungal Dysbiosis by Gut-Resident CX3CR1 Mononuclear Phagocytes Aggravates Allergic Airway Disease. <i>Cell Host and Microbe</i> , 2018 , 24, 847-856.e4	23.4	64
39	Neuronal-immune system cross-talk in homeostasis. <i>Science</i> , 2018 , 359, 1465-1466	33.3	60
38	TLR-7 activation enhances IL-22-mediated colonization resistance against vancomycin-resistant enterococcus. <i>Science Translational Medicine</i> , 2016 , 8, 327ra25	17.5	60
37	Neuro-immune Interactions in the Tissues. <i>Immunity</i> , 2020 , 52, 464-474	32.3	59
36	Epithelial-intrinsic IKK β expression regulates group 3 innate lymphoid cell responses and antibacterial immunity. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1513-28	16.6	58
35	Thymic stromal lymphopoietin-mediated extramedullary hematopoiesis promotes allergic inflammation. <i>Immunity</i> , 2013 , 39, 1158-70	32.3	54
34	Persistence and function of central and effector memory CD4 ⁺ T cells following infection with a gastrointestinal helminth. <i>Journal of Immunology</i> , 2006 , 177, 511-8	5.3	54
33	Epigenomic regulation of host-microbiota interactions. <i>Trends in Immunology</i> , 2014 , 35, 518-25	14.4	51
32	Group 2 innate lymphoid cells in health and disease. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015 , 7,	10.2	49
31	Innate lymphoid cells control signaling circuits to regulate tissue-specific immunity. <i>Cell Research</i> , 2020 , 30, 475-491	24.7	48
30	Neuro-immune crosstalk and allergic inflammation. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1475-1482	25.9	45
29	Goblet Cell Derived RELM- β Recruits CD4 ⁺ T Cells during Infectious Colitis to Promote Protective Intestinal Epithelial Cell Proliferation. <i>PLoS Pathogens</i> , 2015 , 11, e1005108	7.6	45
28	Anti-microbial Functions of Group 3 Innate Lymphoid Cells in Gut-Associated Lymphoid Tissues Are Regulated by G-Protein-Coupled Receptor 183. <i>Cell Reports</i> , 2018 , 23, 3750-3758	10.6	43
27	Type I Interferon Receptor Deficiency in Dendritic Cells Facilitates Systemic Murine Norovirus Persistence Despite Enhanced Adaptive Immunity. <i>PLoS Pathogens</i> , 2016 , 12, e1005684	7.6	40
26	Secreted IgD Amplifies Humoral T Helper 2 Cell Responses by Binding Basophils via Galectin-9 and CD44. <i>Immunity</i> , 2018 , 49, 709-724.e8	32.3	39
25	Dry roasting enhances peanut-induced allergic sensitization across mucosal and cutaneous routes in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1453-1456	11.5	38

24	Interleukin-33 Induces the Enzyme Tryptophan Hydroxylase 1 to Promote Inflammatory Group 2 Innate Lymphoid Cell-Mediated Immunity. <i>Immunity</i> , 2020 , 52, 606-619.e6	32.3	34
23	Maintaining intestinal health: the genetics and immunology of very early onset inflammatory bowel disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015 , 1, 462-476	7.9	32
22	Reciprocal regulation of lymphoid tissue development in the large intestine by IL-25 and IL-23. <i>Mucosal Immunology</i> , 2015 , 8, 582-95	9.2	28
21	IL-22 Protects against Tissue Damage during Cutaneous Leishmaniasis. <i>PLoS ONE</i> , 2015 , 10, e0134698	3.7	27
20	Targeted deletion of the TSLP receptor reveals cellular mechanisms that promote type 2 airway inflammation. <i>Mucosal Immunology</i> , 2020 , 13, 626-636	9.2	26
19	ILC2s mediate systemic innate protection by priming mucus production at distal mucosal sites. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2714-2723	16.6	25
18	The ChAT-acetylcholine pathway promotes group 2 innate lymphoid cell responses and anti-helminth immunity. <i>Science Immunology</i> , 2021 , 6,	28	24
17	Neuronal regulation of innate lymphoid cells. <i>Current Opinion in Immunology</i> , 2019 , 56, 94-99	7.8	23
16	IKK β promotes intestinal tumorigenesis by limiting recruitment of M1-like polarized myeloid cells. <i>Cell Reports</i> , 2014 , 7, 1914-25	10.6	17
15	Genetic manipulation of the ApoF/Stat2 locus supports an important role for type I interferon signaling in atherosclerosis. <i>Atherosclerosis</i> , 2014 , 233, 234-41	3.1	15
14	Skin-derived TSLP systemically expands regulatory T cells. <i>Journal of Autoimmunity</i> , 2017 , 79, 39-52	15.5	12
13	Modulation of the fungal mycobiome is regulated by the chitin-binding receptor FIBCD1. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2689-2700	16.6	12
12	Neuronal regulation of group 2 innate lymphoid cells and type 2 inflammation. <i>Advances in Immunology</i> , 2019 , 143, 1-9	5.6	9
11	Joint single-cell measurements of nuclear proteins and RNA in vivo. <i>Nature Methods</i> , 2021 , 18, 1204-1212	11.6	9
10	Simultaneous single cell measurements of intranuclear proteins and gene expression		9
9	Characterization of eosinophilic esophagitis murine models using optical coherence tomography. <i>Biomedical Optics Express</i> , 2014 , 5, 609-20	3.5	7
8	Lung Innate Lymphoid Cell Composition Is Altered in Primary Graft Dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 63-72	10.2	7
7	Novel connections and precision approaches. <i>Nature Reviews Immunology</i> , 2019 , 19, 75-76	36.5	5

6	Genetic manipulation of gut microbes enables single-gene interrogation in a complex microbiome.. <i>Cell</i> , 2022 ,	56.2	3
5	Allergen Exposure: When Timing Is Everything. <i>Immunity</i> , 2016 , 45, 1188-1190	32.3	2
4	Label-Free Imaging of Eosinophilic Esophagitis Mouse Models Using Optical Coherence Tomography. <i>Methods in Molecular Biology</i> , 2016 , 1422, 127-36	1.4	1
3	Neuronal regulation of innate lymphoid cell responses.. <i>Current Opinion in Immunology</i> , 2022 , 76, 102205.8		0
2	Joint Disease Activity in Inflammatory Bowel Disease-associated Peripheral Spondyloarthritis Stratifies Therapeutic Response. 2022 , 1, 137-140		
1	Innate Lymphoid Cells for the Control of Mucosal Immunity 2020 , 229-245		